SELENA
GLOBAL EXPERIENCE

PRODUCT CATALOGUE

PROFESSIONAL BUILDING PRODUCTS

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GLOBAL EXPERIENCE

PROFESSIONAL BUILDING PRODUCTS

The global experience gathered from many different markets allows the Selena Group to develop fast and to create solutions tailored to the needs of the users.

AMERICAS
Selena Sulamericana Ltda FMS
Selena USA, Inc.

WESTERN EUROPE
Selena Iberia – Quilosa S.L.U. SEA ADH
Selena Italia srl
Selena Deutschland GmbH

POLAND
Selena FM S.A.
Selena S.A.
Orion Polyurethanes Sp. z o.o. S.K.A. FMS ADH
Libra Sp. z o.o. S.K.A. ADH SEA
Carina Sealants Sp. z o.o. S.K.A. SEA
Tytan EOS Sp. z o.o. INS
Matizol S.A. HYD SEA

CENTRAL EUROPE
Selena Bulgaria Ltd.
Selena Bohemia s.r.o.
Selena Slovakia s.r.o.
Selena Hungária Kft.
Selena Romania SRL
Euro MGA SRL INS

EASTERN EUROPE & CENTRAL ASIA
Selena Vostok OOO
Selena CA L.L.P.
Selena Ukraine Ltd.

MIDDLE EAST
Selena Yapı Malzemeleri Ltd.
Polyfoam Yalitim Sanayi ve Tic Ltd FMS SEA

ASIA
Selena Shanghai Trading Co., Ltd
Foshan Chinuri-Selena Chemical Co SEA
Selena Nantong Building Materials Co., Ltd FMS
Hamil - Selena Co. Ltd FMS SEA

FMS production of PU foams
SEA production of sealants
ADH production of adhesives
INS production of insulations & dry mortars
HYD production of waterproofing materials

Mission Statement

Together we deliver better building performance

Our solutions are developed in co-operation with builders and developers. We create best practice through experience-sharing and mutual inspiration. We make sure our technology is fast and cost-effective, and that the buildings created using it are durable and energy-efficient.

Selena Group

Selena Group is a global manufacturer and distributor of a wide range of construction chemicals for professional contractors and home users. The Group comprises 30 subsidiary companies and state of the art manufacturing plants which produce polyurethane foams, sealants, adhesives, insulation systems and waterproofing materials.

Established in 1992, Selena was one of the pioneer companies offering modern construction chemicals on the Polish market. Today, Selena Group is among the top three manufacturers of one-component polyurethane foam in the world, and has built an effective distribution network covering Europe, Asia, North & South Americas. Thanks to an integrated Research & Development function with laboratories in Poland, Spain and China, Selena continuously expands its product offering to address the needs of customers in various markets and changing market trends.

- Sales to 70 countries worldwide
- 30 companies in 17 countries
- 1700 employees
- 42 000 customers and millions of end-users all over the world
- One of the top 3 manufacturers of one-component polyurethane foam in the world

- High-tech manufacturing plants in Poland, Spain, China, South Korea, Brazil, Turkey and Romania
- Product diversification for individual regions, markets or customers
- High and consistent product quality confirmed by renown international institutions as well as product awards.

listed on WSE

Selena Group is listed on the Warsaw Stock Exchange since 2008.

TYTAN PROFESSIONAL · Artelit · Quilosa PROFESSIONAL · matizol · HAUSER · POLYFIX · MGA · KVADRO · DILI

SELENA
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PROFESSIONAL BUILDING PRODUCTS

TYTAN PROFESSIONAL
BUILD WITH CONFIDENCE

Tytan offers a wide range of products designed for construction and finishing works: polyurethane foams, sealants, adhesives, wood preservers, tapes, waterproofing compounds, insulation systems, mortars, plasters, paints and many others. At each stage of the construction or renovation process, Tytan provides comprehensive and effective solutions. For this reason, Tytan-branded products enjoy a reputation among professionals world-wide.

Artelit PROFESSIONAL
FLOORING SYSTEMS

Artelit Professional is a system of professional products for installation of parquet flooring and carpets: parquet and carpet adhesives, leveling compounds, varnishes, primers and more. The Artelit system is designed for a full range of jobs: from substrate preparation to bonding the carpet or parquet, to finishing and maintenance. The expertise and experience of Artelit's technical advisors guarantees professional support in the selection of technology and products.

matizol
A shield for roof & foundations

Matizol offers specialist solutions for waterproofing of flat and sloping roofs, foundations, basements, walls and floors. Matizol includes a wide range of asphalt membranes – from traditional to SBS modified ones, as well as bituminous shingles. Matizol membranes and shingles provide superior waterproofing, suitable for construction projects as well as renovation works.

Quilosa
Construimos el Futuro con Experiencia

Quilosa is a leading Spanish brand with more than 70 years of experience in the development and distribution of chemical products. The first Quilosa adhesives were marketed in the 1940's; today the brand features a broad range of products for the construction sector, industry, as well as for DIY users: adhesives, sealants, PU foams, chemical anchors, mortars and many other. Quilosa products are available across the Iberian Peninsula, in Latin America and North Africa.

Content

Window & Door

JOB TO BE DONE	RECOMMENDED PRODUCTS
Sealing, filling, insulating of window & door frames	Gun polyurethane foam O_2 65, Low expansion gun polyurethane foam,Gun polyurethane foam O_2 Gun polyurethane foam B2, Gun polyurethane foam B1
Sealing, filling, insulating of window & door frames at extreme temperatures	Gun polyurethane foam O_2 65 Winter (-18°C),Gun polyurethane foam O_2 65, Low expansion gun polyurethane foam winter, Gun polyurethane foam O_2 Winter, Extreme Temperature Insulating Foam Sealant Pro (gun)
Interior & exterior sealing around window & door frames	Neutral Silicone, Building Silicone, Multi-tool Sealant
Interior sealing around window frames	Universal Acrylic, Drywall Acrylic, Siliconized Acrylic
Sealing, filling, insulating of window sills	Low expansion gun polyurethane foam, Low expansion gun polyurethane foam winter Straw polyurethane foam O_2 Lexy 60/40/20 all season, FIX² Rapid High Tack Adhesive, Mounting Adhesive PB-40, Neutral Silicone, Building Silicone, Natural Stone Silicone, Multi-tool Sealant
Bonding of decorative elements on doors	Ecological Adhesive, FIX² Rapid High Tack Addhesive, Mounting Adhesive PB-40, Mirror Adhesive, Mounting Adhesive Multifix, Mounting Adhesive Classic Fix, Mounting Adhesive SBS
Sealing, filling, insulating of window & door frames when increased fire rating is required	Gun polyurethane foam B1, Straw polyurethane foam B1
Sealing, filling, insulating of window & door frames when increased acoustic insulation is required	Gun polyurethane foam O_2 65, Low expansion gun polyurethane foam
Sealing, filling, insulating of hard to reach places around window frames	Lexy 60/40/20 PU-Foam All Season
Sealing, filling, insulating of window frames when increased work efficiency is required	Gun polyurethane foam O_2 65, Low expansion gun polyurethane foam, Lexy 60/40/20 PU-Foam All Season

Kitchen & Bathroom

JOB TO BE DONE	RECOMMENDED PRODUCTS
Filling gaps, cracks, slits around pipes and ducts when increased water resistance is required	Straw Polyurethane Foam Sanit
Waterproofing of walls and subfloor prior to tile installation	Hydrol 1K Liquid Foil
Installation of ceramic tiles on walls	GEA136 Multipurpose Tile Adhesive, GEA236 Adhesive for standard tiles, GEA336 Adhesive for gres tiles, GEA436 Quick setting adhesive, GEA536 Strong flexible adhesive, GEA736 Strong highly flexible adhesive GEA836 White adhesive with trass for marble and stone
Sealing around ceramic sanitary equipment	Sanitary silicone, Sanitary silicone UPG, Bathroom mounting Tape
Sealing around acrylic sanitary equipment	Acrylic bathtubs & PVC Silicone, Neutral Sanitary Silicone, Kitchen & Bath sealant, Siliconized Acrylic, Bathroom Mounting Tape
Sealing connections between ceramic tiles	Sanitary silicone, Sanitary silicone UPG
Mounting of mirrors	Mirror adhesive, FIX² Rapid High Tack Addhesive, Mounting Adhesive Power bond
Mounting of decorative elements	FIX² Rapid High Tack Adhesive, Mounting Adhesive Multi Fix Mounting Adhesive Classic Fix, Mounting Adhesive SBS, Ecological Adhesive
Other sanitary sealings	Sanitary Silicone, Sanitary Silicone UPG, Neutral Sanitary Silicone
Removing mildew	FG-1 Fungicidal Agent

Installations (HVAC, water, etc.)

JOB TO BE DONE	RECOMMENDED PRODUCTS
Filling gaps, cracks, slits around pipes and ducts when increased water resistance is required	Straw Polyurethane Foam Sanit
Bonding joints between pipes	Mounting Adhesive for hard PVC
Sealing joints in insulation around Heating, Ventilation and Airconditioning pipes	Aluminium PP Tape
Sealing joints of Heating, Ventilation and Airconditioning pipes	Aluminium Tape
Fire resistant sealing of penetrations	Fire Block Insulating Foam Sealant (straw), Fire Block Insulating Foam Sealant Pro (gun)








Insulations & Facades

JOB TO BE DONE	RECOMMENDED PRODUCTS
Bonding of thermal insulation panels on facades (ETICS systems - light weight method)	Polyurethane foam adhesive STYRO 753 E/B1, Polyurethane foam adhesive STYRO UNI, Polyurethane Foam Adhesive Styro 753
Bonding of thermal insulation panels exterior and interior	Polyurethane foam adhesive STYRO UNI
Filling gaps, cracks, slits and joints between insulation panels	Polyurethane foam adhesive STYRO 753 E/B1,Polyurethane foam adhesive STYRO 753 Polyurethane foam adhesive STYRO UNI
Bonding EPS boards in thermal insulation systems (ETICS)	E118 Adhesive for gluing EPS boards, White adhesive and reinforcing mortar EOS, E128 Adhesive and reinforcing mortar, Adhesive and reinforcing mortar E
Bonding mineral wool in thermal insulation systems (ETICS)	EOS728 White adhesive and reinforcing mortar , EO328 Adhesive and reinforcing mortar
Reinforcing the plaster layer	Fibre Glass Rendering Mesh
Submerging the fiberglass mesh in thermal insulation systems	E128 Adhesive and reinforcing mortar, EO328 Adhesive and reinforcing mortar, EOS728 White adhesive and reinforcing mortar
Smoothing or renovation of the wall surface	E128 Adhesive and reinforcing mortar, EO328 Adhesive and reinforcing mortar EOS728 White adhesive and reinforcing mortar
Surface preparation prior to the application of thin-layer plaster and painting	E138 Acrylic primer paint , EO338 Colloidal Silica primer paint , EOS738 Silicone primer paint OS538 Primer paint under mineral plaster
Plastering external walls in thermal insulation systems (ETICS)	E148N Acrylic façade plaster E – spray applied, E148 Acrylic façade plaster , EO348N Colloidal Silica facade plaster spray applied, EO348 Colloidal Silica facade plaster , EOS748N Silicone façade plaster EOS– spray applied, EOS748 Silicone façade plaster EOS, OS548 Mineral façade plaster E248 Mosaic decorative plaster
Plastering areas that are particularly exposed to mechanical damage: near entrances, in corridors, office staircases, residential and public utility buildings, foundations, railings, balconies, window and door, also in thermal insulation systems (ETICS)	E248 Mosaic decorative plaster
Filling holes, horizontal and vertical levelling of substrates	TEO 124 Levelling mortar
Building construction and partition walls with a thin-bed method, smoothing, filling holes and levelling walls made of aerated concrete	TEO 224 Thin layer mortar
Building facades, interior and exterior walls and other architectural elements made of clinker bricks	TEO234 TEO234 Clinker mortar
Preparing substrate prior to the application of cement- lime plaster to level substrate absorption and improve plaster adherence to walls and ceilings	TEO314 Rendering coat mortar
Machine plaster application, recomended as base plaster	TEO324 Machine applied plaster
Machine plaster application, fine-grained, especially recomended for light materials (aerated concrete) and with high absorbability (silicate hollow bricks)	TEO334 Machine applied plaster




Insulations & Facades

JOB TO BE DONE	RECOMMENDED PRODUCTS
Priming walls before painting	E168 Acrylic penetration primer E, EOS768 Silicon penetration primer EO368 Colloidal Silica penetration primer
Protecting the facade during painting	PVC Tape for painting
Painting of interior & exterior walls, also in thermal insulation systems (ETICS)	E158 Acrylic façade paint, EO358 Colloidal Silica façade paint , EOS758 Silicon façade paint
Fixing heavy objects on external walls and facades (AC units, railings, blinds, etc.)	EV-1 chemical anchor
Sealing of vertical and horizontal dilatation joints in building facades	Multi-tool Sealant
Sealing of natural stone tiles	Natural Stone Silicone
Sealing of cracked plaster on the facade	Facade Acrylic
Sealing gaps between decorative panels/alucabond	PU740 Polyurethane Sealant
Sealins and bonding of advertising board on external walls and facades	FIX^2 MS 1000 Adhesive Sealant
Sealing of external air conditioning metal units	FIX^2 MS 1000 Adhesive Sealant
Sealing of siding if a paintable joint is required	Multi-tool Sealant
Sealing and bonding of facade membranes designed to protect mineral wool insulation	Specialised Roof Sealant
Sealing of wood – glass – composite units	FIX^2 MS 1000 Adhesive Sealant




Walls & Ceilings

JOB TO BE DONE	RECOMMENDED PRODUCTS
Building of construction and partition walls	Thin Bed Mortar
Bonding of thermal insulation panels on exterior and interior walls	Polyurethane Foam adhesive Styro Uni
Bonding and sealing around drywall panels	Drywall Foam Adhesive, Polyurethane foam adhesive STYRO UNI
Filling gaps, cracks, slits in walls & ceilings	Straw polyurethane foam HD, Straw polyurethane foam O_2 STD Straw polyurethane foam O_2 LEXY 60/40/20 all season
Fire resistant sealing of penetrations in walls & celings	Fire Block Insulating Foam Sealant (straw), Fire Block Insulating Foam Sealant Pro (gun)
Reinforcing drywall, reinforcing joints between drywall panels	Fibreglass Rendering Mesh , Drywall Tape
Sealing of dry wall panels	Drywall Acrylic
Sealing of joints between wall and ceiling	Universal Acrylic
Sealing and filling of gaps in walls, plaster, etc.	Fast Acrylic
Filling cracks and gaps in walls	Acrylic Wall Putty
Plastering internal walls	E148N Acrylic façade plaster E - spray applied, E148 Acrylic façade plaster E, EO348N Colloidal Silica facade plaster EO- spray applied, EO348 Colloidal Silica facade plaster EO, EOS748N Silicone façade plaster EOS– spray applied, EOS748 Silicone façade plaster EOS, OS548 Mineral facade plaster OS E248 Mosaic decorative plaster
Plastering areas that are particularly exposed to mechanical damage: near entrances, in corridors, office staircases, residential and public utility buildings, railings, around window and door.	E248 Mosaic decorative plaster
Finishing of internal walls - levelling the surface	Neo Finish Dolomite filling putty
Priming walls before painting	Universal P rimer, E168 Acrylic penetration primer, EOS769 Silicon penetration primer, EO368 Colloidal Silica penetration primer
Protecting edges during painting	Masking Tape
Painting of external walls	E158 Acrylic façade paint , EO358 Colloidal Silica façade paint , EOS758 Silicon façade paint
Painting of internal walls and ceilings - large white surfaces	Neo Invest Interior paint
Painting of internal walls and ceilings, particulary in “dry” rooms such as living rooms, dining rooms, bedrooms, corridors, offices and conference	Neo Regular Interior paint
Painting of internal walls and ceilings: single-layer painting	Neo Express Interior paint
Painting of internal walls and ceilings: particulary in heavily used rooms such as kitchens and dining rooms, restaurant rooms, offices and also in places where high resistance to washing and scrubbing is required	Neo Latex Interior paint
Painting of internal walls and ceilings: particulary in areas with increased humidity such as bathrooms, swimming pools, kitchens and in dry building systems in all types of rooms	Neo Mineral Bio Interior paint




Walls & Ceilings

JOB TO BE DONE	RECOMMENDED PRODUCTS
Filling of gaps and holes, levelling of horizontal and vertical substrates	TEO124 Levelling mortar
Building construction and partition walls with a thin-bed method, smoothing, filling holes and levelling walls made of aerated concrete	TEO224 Thin layer masonary mortar
Building facades, interior and exterior walls and other architectural elements made of clinker bricks	TEO234 Clinker mortar
Preparing substrate prior to the application of cement- lime plaster to level substrate absorption and improve plaster adherence to walls and ceilings	TEO314 Rendering coat mortar
Machine plaster application, recomended as base plaster	TEO324 Machine applied plaster
Machine plaster application, fine-grained, especially recomended for light materials (aerated concrete) and with high absorbability (silicate hollow bricks)	TEO334 Machine applied plaster
Installation of ceramic tiles on walls	A136 Multipurpose tile adhesive, G236 Adhesive for standard tiles, E336 Adhesive for gres tiles GE436 Quick setting adhesive, EA536 Strong flexible adhesive, GEA736 Strong highly flexible adhesive GEA836 White adhesive with trass
Bonding coffers, rosettes and comices made of plaster and polyurethane	Mounting Adhesive Multi Fix, Neoprene Adhesive, Polystrene Adhesive, Mounting Adhesive SBS
Bonding various heavy finishing elements (including ceremic tiles)	FIX² Rapid High Tack Adhesive , Mounting Adhesive for Ceramic Tiles
Bonding slats, panels, plastic and wooden boarding	Mounting Adhesive SBS, Mounting Adhesive Multi Fix, Mounting Adhesive Classic Fix Mounting Adhesive Hydro Fix
Bonding mirrors and glass elements	Mirror Adhesive
Fixing heavy objects to walls and ceiling (TVs, railings, blinds, etc.)	EV-1 Chemical anchor
Removing mildew	FG-1 Fungicidal Agent




Floors

JOB TO BE DONE	RECOMMENDED PRODUCTS
Bonding of thermal insulation panels on floors	Polyurethane foam adhesive Styro Uni
Sealing and bonding of subfloor panels to wooden studs	Subfloor Foam Adhesive
Filling gaps, cracks, slits, and joints in floors	Straw polyurethane foam HD, Straw polyurethane foam O_2 STD, Straw polyurethane foam O_2 LEXY 60/40/20 all season, Fill All Insulating Foam Sealant (straw) Fill All Insulating Foam Sealant Pro (gun)
WOODEN FLOORS	
Priming the surface prior to the application of levelling compound	EB-270 Primer, WB-280 Primer for non-absorbent substrates, WB-290 Primer for non-absorbent substrates - concentrate
Repairing and smoothing the surface prior to the application of levelling compound	RC-001 Emergency repair compound, LC-700 Sturdy levelling compound for repairs
Levelling uneven surface prior to parquet installation	LC-710 Classic Self-levelling compound up to 10 mm, LC-735 Cement screed up to 35 mm LC-720 Anhydride self-levelling compound up to 20 mm
Preparation of substrate - screed application	LC-735 Cement screed up to 35 mm, LC-760 Cement screed up to 60 mm
Priming the surface prior to the application of parquet adhesive	SB-210 Solvent primer, PB-230 1C PU Primer, PB-235 Low-emission 1C PU primer
Installation of parquet made of European wood, up to 600 mm	SB-870 Synthetic adhesive for parquet, RB-860 Rubber adhesive for parquet
Installation of parquet made of European wood, above 600 mm	PB-835 1C PU adhesive for parquet, PB-890 2C PU adhesive for parquet, PB-890R 2C PU adhesive for parquet - rapid, HB-810 Hybrid adhesive for parquet
Filling gaps in parquet floors	FW-400 Water-based parquet filler, FS-415 Solvent-based parquet filler, Parquet Filler
Varnishing wooden floors in residential areas	S-460 Solvent-based priming varnish, W-430 Water-based primer, PA-470 1C Acrylic PU-based varnish
Varnishing wooden floors in public utility areas	S-460 Solvent-based priming varnish, W-430 Water-based primer, AB-441 2C Acid Varnish
Varnishing wooden sports floors	S-460 Solvent-based priming varnish, W-430 Water-based primer, KH-440 1C Alkyd Varnish
Oil parquet finish	OL-610 Drying parquet oil, Hardner & Thinner for oil, OL-620 Parquet oil
Oil-wax parquet finish	OL-650 Oil-wax for parquet
Maintenance of varnished floors	PM-100 Floor cleaner, PM-120 Parquet Care
Maintenance of oiled floors	OL-680 Soap for Oil, OL- 690 Oil Care
Maintenance of oil-waxed floors	OL-680 Soap for Oil, OL-670 Wax
Installation of baseboard molding	Mounting Adhesive Classic Fix, Mounting Adhesive SBS, Ecological Adhesive, FIX² Rapid High Tack Adhesive
Sealing cracks in wood	Wood sealant




Floors

JOB TO BE DONE	RECOMMENDED PRODUCTS
ELASTIC FLOOR COVERINGS	
Levelling uneven surface prior to the installation of elastic floor coverings	LC-702 Liquid levelling compound, LC-705 Self-levelling compound up to 5 mm, LC-710 Classic Self-levelling compound up to 10 mm, LC-720 Anhyride self-levelling compound up to 20 mm
Installation of carpet floor coverings	WB-965 Carpet adhesive, WB-982 Universal dispersion adhesive for floor covernings
Installation of PVC floor coverings	WB-975 PVC Adhesive, WB-982 Universal dispersion adhesive for floor covernings
Installation of linoleum floor coverings	WB-976 Linoleum adhesive
Installation of conductive floor coverings	WB-977 Conductive adhesive for floor covernings
Installation of carpet tiles	WB-984 Fixing adhesive
Installation of vinyl floor coverings	WB-981 Special universal adhesive for floor covernings
TILE FLOORS	
Levelling surface prior to the application of tile adhesive	TEO 124 Levelling mortar
Laying ceramic tiles on typical floors, inside and outside	A136 Multipurpose tile adhesive, G236 Adhesive for standard tiles, E336 Adhesive for gres tiles, GE436 Quick setting adhesive, EA536 Strong flexible adhesive, GA636 Pourable adhesive with increased flexibility, GEA736 Strong highly flexible adhesive, GEA836 White adhesive with trass
Laying ceramic tiles on heated floors	E336 Adhesive for gres tiles, GA636 Pourable adhesive with increased flexibility, GEA736 Strong highly flexible adhesive, GEA836 White adhesive with trass
Laying ceramic tiles on old tiles	GA636 Pourable adhesive with increased flexibility, GEA736 Strong highly flexible adhesive, GEA836 White adhesive with trass
Laying big size ceramic tiles	GA636 Pourable adhesive with increased flexibility, GEA736 Strong highly flexible adhesive, GEA836 White adhesive with trass
Laying natural stone tiles	GEA836 White adhesive with trass
Laying ceramic tiles on highly loaded floors	E336 Adhesive for gres tiles, GA636 Pourable adhesive with increased flexibility, GEA736 Strong highly flexible adhesive, GEA836 White adhesive with trass
Laying ceramic tiles at swimming pools and showers	E336 Adhesive for gres tiles, GEA736 Strong highly flexible adhesive, GEA836 White adhesive with trass
Filling gaps between tiles	GEA746 Wide joint filler




Roofs

JOB TO BE DONE	RECOMMENDED PRODUCTS
Installation of roof covering made of asphalt shingles	Asphalt shingles, Roofing Membrane Gorbit Standard PZ PYE PV 140 S 30 , Roofing Membrane Welplast PV 60 S 35 super montaż
Installation of waterproofing membrane	Roofing Membrane Gordach Extra WZ PYE PV 200 S 52, Roofing Membrane Matizol Fundament SBS, Roofing Membrane Gorbit Super WZ PYE PV 150 S 48, Roofing Membrane Gorbit Standard PZ PYE PV 140 S 30, Roofing Membrane Gordach Mono Extra WZM PYE PV 250 S 56, Roofing Membrane Welplast Super WV 60 PYE S 42 Roofing Membrane Welplast PV 60 S 35 super montaż, Roofing Membrane Matizol Max WZ PYE PV 250 S 52 super montaż, Roofing Membrane Matizol PYE G 200 S 4 super montaż
Bonding roof tiles or shingles	Roof adhesive
Sealing of a leaking gutter	Rubber Roof sealant, FIX² MS 1000 Adhesive Sealant , Specialised roof sealant
Sealing and bonding of any roof/facade metal coverings	Metal Roof Sealant, Roof adhesive
Sealing around flashing and other roof elements	Metal Roof Sealant, Roofing Sealing Tape, Bituminous Roof sealant , Roofing Sealing Tape
Bitumen roof repairs and maintaince	Abizol R – bituminous primer, Abizol P - roof maintenance compound
Bitumen roof repairs and maintaince - gap filling	Abizol G – elastic bitumen putty
Bitumen roof repairs and maintaince - bonding of traditional bitumen membranes	Abizol KL-DM - cold adhesive
Protection of wooden construction elements against fungi and insects	2S Preserver for wood trusses – concentrate
Bonding and sealing of ceramic roof tiles	Gun polyurethane foam for roofs, Straw polyurethane foam for roofs
Bonding of thermal insulation panels on roofs	Polyurethane foam adhesive STYRO 753 E/B1, Polyurethane foam adhesive STYRO 753 Polyurethane foam adhesive STYRO UNI
Filling gaps, cracks, slits, joints in roof and attic areas	Gun polyurethane foam for roofs, Straw polyurethane foam for roofs, Straw polyurethane foam HD Straw polyurethane foam for roofs, Lexy 60/40/20 PU-Foam All Season, Fill All Insulating Foam Sealant (straw), Fill All Insulating Foam Sealant Pro (gun)




Foundations

JOB TO BE DONE	RECOMMENDED PRODUCTS
Installation of waterproofing membrane	Roofing Paper Matizol Fundament SBS, Roofing Paper Gorbit Standard PZ PYE PV 140 S 30
Waterproofing of foundations	Abizol P – roof maintance compound, Abizol ST – waterproofing compound Abizol 2KS – Fast curing 2-component waterproofing compound Disprobit – dispersive asphalt compound
Sealing of joints in foundations	Rubber Roof Sealant
Bonding of thermal insulation panels to foundations and in basement areas	Polyurethane foam adhesive STYRO 753 E/B1, Polyurethane foam adhesive STYRO 753 Polyurethane foam adhesive STYRO UNI
Filling gaps, cracks, slits and joints in foundations	Straw polyurethane foam Sanit, Straw polyurethane foam HD, Straw polyurethane foam O_2 STD Fill All Insulating Foam Sealant Pro (straw)

Terraces & Balconies

JOB TO BE DONE	RECOMMENDED PRODUCTS
Waterproofing of surfaces	Roofing Paper Matizol Fundament SBS, Roofing Paper Gorbit Standard PZ PYE PV 140 S 30 Roofing Paper Welplast PV 60 S 35 super montaż
Waterproofing of subfloor prior to tile installation	Hydrol 2K waterproofing mortar, Sealing Tape "TU" for liquid foil, Tape "TPER" for Hydrol 2K
Installation of ceramic tiles on terraces & balconies	GEA536 Strong flexible adhesive, GEA636 Pourable adhesive with increased flexibility GEA736 Strong highly flexible adhesive, GEA836 White adhesive with trass
Filling gaps between tiles	GEA746 Wide Joint Filler
Sealing of joint between the wall and balcony or terrace floor	Terraces and Balconies Sealant
Installation of railings	EV-1 Chemical Anchor
Sealing of external balustrades made of glass and metal	FIX² MS 1000 Adhesive Sealant
Instant repairs	Rubber Roof Sealant
Bonding of thermal insulation panels on terraces & balconies (ETICS systems - light weight method)	Polyurethane foam adhesive STYRO 753 E/B1, Polyurethane foam adhesive STYRO 753 Polyurethane foam adhesive STYRO UNI
Filling gaps, cracks, slits, and joints in terraces & balconies	Straw polyurethane foam O_2 STD, Straw polyurethane foam O_2 LEXY 60/40/20 all season, Fill All Insulating Foam Sealant (straw)




TYTAN® PROFESSIONAL

BUILD WITH CONFIDENCE

O_2 0% MDI emission — DOES NOT EMIT HARMFUL MDI DURING APPLICATION

Polyurethane Aerosol Foams, Foam Adhesives and Mortars

GUN POLYURETHANE FOAMS

- 65 Gun Polyurethane Foam O_2
- 65 Winter Gun Polyurethane Foam O_2
- Gun Polyurethane Foam O_2
- Winter Gun Polyurethane Foam O_2
- Low Expansion Gun Polyurethane Foam
- Low Expansion Winter Gun Polyurethane Foam
- B1 Gun Polyurethane Foam
- Roof Gun Polyurethane Foam
- Fill All Gun Polyurethane Foam
- Fire Block Gun Polyurethane Foam
- Extreme Temp Gun Polyurethane Foam

STRAW POLYURETHANE FOAMS

- STD Straw Polyurethane Foam O_2
- STD Winter Straw Polyurethane Foam O_2
- Lexy 60/40/20 All Season Straw Polyurethane Foam O_2
- Sanit Straw Polyurethane Foam
- Roof Straw Polyurethane Foam
- HD Straw Polyurethane Foam
- B1 Straw Polyurethane Foam
- Fill All Straw Polyurethane Foam
- Fire Block Straw Polyurethane Foam

MORTARS

- Thin Bed Mortar

POLYURETHANE FOAM ADHESIVES

- STYRO 753 Adhesive for External Thermal Insulation
- STYRO 753 E/B1 Adhesive for External Thermal Insulation
- STYRO UNI Universal Polyurethane Foam Adhesive
- Drywall Polyurethane Foam Adhesive
- Subfloor Polyurethane Foam Adhesive

ACCESSORIES

- Universal Cleaner for Foams
- Professional Gun for Polyurethane Foams
- Classic Gun for Polyurethane Foams
- Economy Gun for Polyurethane Foams

TYTAN® PROFESSIONAL BUILD WITH CONFIDENCE

65

Gun Polyurethane Foam O_2

High-quality gun polyurethane foam offering the highest yield – up to 65 l, and low post-expansion. The product has a certified sound insulation up to 61 dB.

Applications:
- Mounting of windows
- Thermal and acoustic insulation
- Filling and sealing cracks, gaps and pipe ducts

Benefits:
- High yield - up to 65 l
- High thermal and acoustic insulation up to 61 dB
- Short cure time
- Low post-expansion
- Low pressure formulation (prevents bowing of door and window frames)
- Does not emit MDI vapours during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances ***

Technical parameters:
- Yield: up to 65 l
- Cutting time: ≤ 30 min.
- Volume growth (post-expansion): 70% to 100%
- Ambient temperature: +5°C to +30°C
- Can temperature: +10°C to +30°C
- Shelf life: 18 months

*Product certified by SP Provning Forskning Swedish Institute (report no. F705327B)
**Product classified by The Building Information Foundation RTS M1 building material class
#Product certified by IFT Rosenheim – report Nr 167 33880e

65 Winter

Gun Polyurethane Foam O_2

High-quality gun polyurethane foam offering the highest yield – up to 65 l, and low post-expansion. The product has a certified sound insulation up to 61 dB.

Applications:
- Mounting of windows
- Thermal and acoustic insulation
- Filling and sealing cracks, gaps and pipe ducts

Benefits:
- Application at ambient temp. from -20°C
- High yield - up to 65 l
- High thermal and acoustic insulation up to 61 dB
- Short cure time
- Low post-expansion
- Low pressure formulation (prevents bowing of door and window frames)
- Does not emit MDI vapours during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances ***

Technical parameters:
- Yield: up to 65 l
- Cutting time: ≤ 30 min.
- Volume growth (post-expansion): 80% to 110%
- Ambient temperature: -20°C to +30°C
- Can temperature: +5°C to +30°C
- Shelf life: 12 months

*Product certified by SP Provning Forskning Swedish Institute (report no. F705327B)
**Product classified by The Building Information Foundation RTS M1 building material class
#Product certified by IFT Rosenheim – report Nr 167 33880e

GUN

Polyurethane Foam O_2

High quality gun polyurethane foam with a perfect structure and high density, designed for the professional mounting of windows and doors.

Applications:
- Mounting of doors and windows
- Filling and sealing cracks, gaps and pipe ducts
- Sealing of frame structures

Benefits:
- High thermal insulation
- Short cure time
- Compact structure
- Resistant to mould and fungus growth
- Low pressure formulation (prevents bowing of door and window frames)
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield: 45 l
- Cutting time: ≤ 40 min.
- Volume growth (post-expansion): 90% to 120%
- Ambient temperature: 0°C to +30°C
- Can temperature: +10°C to +30°C
- Shelf life: 18 months

*Product certified by SP Provning Forskning Swedish Institute (report no. F6 03923)
**Product classified by The Building Information Foundation RTS M1 building material class

All communicated parameters were measured in compliance with Selena's internal standards and depend heavily on external curing conditions, equipment quality and adherence to application instructions.
The parameters were measured in standard laboratory conditions +23°C and 50% RH.

TYTAN® PROFESSIONAL BUILD WITH CONFIDENCE

GUN Winter

Polyurethane Foam O_2

High quality gun polyurethane foam with a perfect structure and high density, designed for the professional mounting of windows and doors.

Applications:
- Mounting of doors and windows
- Filling and sealing cracks, gaps and pipe ducts
- Sealing of frame structures

Benefits:
- High thermal insulation
- Short cure time
- Compact structure
- Resistant to mould and fungus growth
- Low pressure formulation (prevents bowing of door and window frames)
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield: 45 l
- Cutting time: ≤ 40 min.
- Volume growth (post-expansion): 110% to 170%
- Ambient temperature: -10°C to +30°C
- Can temperature: +5°C to +30°C
- Shelf life: 12 months

*Product certified by SP Provning Forskning Swedish Institute (report no. F6 03923)
**Product classified by The Building Information Foundation RTS M1 building material class

LOW Expansion

Gun Polyurethane Foam

High quality gun polyurethane foam designed for the professional mounting of windows and doors. It is characterised by a low volume growth (30% - 60%), low pressure formulation and an increased yield up to 55 l.

Applications:
- Mounting of doors and windows, filling a wide range of different size gaps
- Precise filling and sealing cracks and gaps
- Thermal insulation for water and sewage networks, and central heating systems
- Mounting and insulation of wall panels, corrugated plates, roof tiles, etc.

Benefits:
- Very low volume growth (30% to 60%)
- Precise application and controlled gap filling
- Increased yield: up to 55 l
- Low pressure formulation (prevents bowing of door and window frames)
- Thick, compact structure that ensures a better thermal insulation and a stronger adhesion to building materials
- Acoustic insulation up to 60 dB
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield: 55 l
- Cutting time: ≤ 40 min.
- Volume growth (post-expansion): 30% to 60%
- Ambient temperature: +5°C to +30°C
- Can temperature: +10°C to +30°C
- Shelf life: 18 months

*Product certified by SP Provning Forskning Swedish Institute
**Product classified by The Building Information Foundation RTS M1 building material class
Product certified by IFT Rosenheim – report no. 167 33880e

LOW Expansion Winter

Gun Polyurethane Foam

High quality gun polyurethane foam designed for the professional mounting of windows and doors. It is characterised by a low volume growth (30% - 60%), low pressure formulation and an increased yield up to 55 l.

Applications:
- Mounting of doors and windows, filling a wide range of different size gaps
- Precise filling and sealing cracks and gaps
- Thermal insulation for water and sewage networks, and central heating systems
- Mounting and insulation of wall panels, corrugated plates, roof tiles, etc.

Benefits:
- Application at ambient temp. from -10°C
- Very low volume growth (40% to 70%)
- Precise application and controlled gap filling
- Increased yield: up to 55 l
- Low pressure formulation (prevents bowing of door and window frames)
- Thick, compact structure that ensures a better thermal insulation and a stronger adhesion to building materials
- Acoustic insulation up to 60 dB
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield: 55 l
- Cutting time: ≤ 40 min
- Volume growth (post-expansion): 40% to 70%
- Ambient temperature: -10°C to +30°C
- Can temperature: +5°C to +30°C
- Shelf life: 12 months

*Product certified by SP Provning Forskning Swedish Institute (report no. F705327B)
**Product classified by The Building Information Foundation RTS M1 building material class
Product certified by IFT Rosenheim – report no. 167 33880e

All communicated parameters were measured in compliance with Selena's internal standards and depend heavily on external curing conditions, equipment quality and adherence to application instructions.
The parameters were measured in standard laboratory conditions +23°C and 50% RH.

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

EMISSION CLASS FOR BUILDING MATERIAL M1

B1
Gun Polyurethane Foam

Technologically advanced gun polyurethane foam, classified as slow compustible and fire-retardant.

Applications:
- Fireproof sealing
- Mounting of windows and doorframes
- Filling of construction joints

Benefits:
- Sealing against smoke
- Self-extinguishing
- Does not create dripping fireballs when on fire
- Resistance to fire class EI 240 (EN 13501-2) #
- Flame Reaction class BS2, d0 (EN 13501-1)
- B1 Fire rating class (DIN 4102-1)##
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield: up to 42 l
- Cutting time: ≤ 40 min
- Volume growth (post-expansion): 90% to 120%
- Ambient temperature: +10°C to +30°C
- Can temperature: +10°C to +25°C
- Shelf life: 12 months

*Product certified by SP Provning Forskning Swedish Institute (report no. PX 03351B)

**Product classified by The Building Information Foundation RTS M1 building material class

Building Research Institute Warsaw According to the classification report NP-02393 /P/Mł.

##MPA Bau Hannover P-NDS04-442

ROOF
Gun Polyurethane Foam

Recommended for the mounting and sealing of roof coverings made of tiles, tinware or other materials. Application with a gun guarantees precision, speed and increases foam efficiency. Cured product ensures excellent thermal and acoustic insulation. It is mould-proof, moisture and ageing resistant. The foam has good adhesion to most popular roofing materials.

Applications:
- Fixing of ceramic roof tiles
- Thermal insulation of roof coverings – filling gaps under the roof covering
- Reduction of thermal bridges in roof structures, e.g. at the junction between the wall plate and the gable wall

Benefits:
- Excellent adhesion to roofing surfaces and most building materials - thick, compact structure that ensures a better thermal insulation and a stronger adhesion to building materials
- Low expansion
- Resistant to mildew, mould and fungi
- Valve resistant to blocking and gas leaking
- Does not emit MDI during application*

Technical parameters:
- Yield: 45 l
- Cutting time: ≤ 40 min.
- Volume growth (post-expansion): 80% to 120%
- Ambient temperature: +5°C to +30°C
- Can temperature: +10°C to +30°C
- Shelf life: 18 months

*Product certified by SP Provning Forskning Swedish Institute (report no. F 603923)

Fill All
Gun Polyurethane Foam

Tytan Professional Fill All foam is an innovative, low-pressure, interior & exterior sealant that can be used for every gap-filling project. TYTAN PRO Construction Foam's unique all-in-one high yield formula will seal every gap or crack from ¼"-3". It offers superior R-value which reduces energy consumption and contributes to LEED's energy saving standards.

Applications:
- adhesion abilities to most construction materials including: wood, metal, masonry, glass, and most plastics so your gaps and cracks will stay sealed during construction and climate changes

Benefits:
- Won't over expand
- More Foam Per oz.
- For All Gaps & Cracks
- More R-Value Per Inch
- Min. Use Temp. 32F

Technical parameters:
- Cutting Time: 40 minutes
- Fully Cured: 24 Hours
- Optimal Application Temperatures: 41°F-86°F
- Minimum Application Temperature: 32°F
- Shelf Life: 18 Months.

All communicated parameters were measured in compliance with Selena's internal standards and depend heavily on external curing conditions, equipment quality and adherence to application instructions. The parameters were measured in standard laboratory conditions +23°C and 50% RH.

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Fire Block
Gun Polyurethane Foam

Tytan Professional Fire Block meets or exceeds all Residential Fire Block standards. Standards include: ASTM, NFPA, ICC-ES, IBC, IRC, and UL Fire Blocking Standards. Inspectors will easily spot TYTAN Fire Block foam during inspection because of its bright orange color. Using TYTAN Fire Block to seal air passages will slow the growth of a fire and provide responders valuable time.

Applications:
- Application areas include: electrical outlets, wire passages, ductwork, and any air passages from one level of a building to another.
- Adhesion abilities to most construction materials including: wood, metal, masonry, glass, and most plastics which provides an airtight seal during construction and climate changes

Benefits:
- More Foam per oz.
- Slows Growing Fire
- Fills all gaps & Cracks

Technical parameters:
- Cutting Time: 40 minutes
- Fully Cured: 24 Hours
- Optimal Application Temperatures: 60°F-86°F
- Minimum Application Temperature: 41°F
- Shelf Life: 18 Months

Extreme Temp
Gun Polyurethane Foam

Tytan Professional Extreme Temp is an innovative, low-pressure, interior & exterior sealant that is specifically formulated for use in the widest range of climates & temperatures. It may be used in temperatures from 14°F-95°F. Use outside this temperature range may lead to decreased efficiency and curing rate. Its innovative high-yield formula offers superior R-value which reduces energy consumption and contributes to LEED's energy saving standards.

Applications:
- Sealing around windows & doors in extreme climate conditions
- Filling all kinds of gaps and cracks in a wide range of temperatures

Benefits:
- Wide Temperature Range 14°F - 86°F
- Interior/Exterior formula
- Adheres to frozen materials
- More R-value Per Inch

Technical parameters:
- Cutting Time: 40 minutes
- Fully Cured: 48 Hours
- Optimal Application Temperatures: 32°F-86°F
- Minimum Application Temperature: 14°F
- Shelf Life: 12 Months

All communicated parameters were measured in compliance with Selena's internal standards and depend heavily on external curing conditions, equipment quality and adherence to application instructions. The parameters were measured in standard laboratory conditions +23°C and 50% RH.

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

STD
Straw Polyurethane Foam

High quality polyurethane foam coming in the straw version, recommended for the applications where excellent filling and sealing properties are required.

Applications:
- Filling and sealing cracks, gaps and pipe or cable ducts
- Sealing of frame structures
- Thermal and acoustic insulation

Benefits:
- High thermal and acoustic insulation
- Excellent filling and sealing
- Perfect, compact structure
- Resistant to mould and fungi
- Low pressure formulation (prevents bowing of door and window frames)
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield: up to 45 l
- Cutting time: ≤ 60 min.
- Volume growth (post-expansion): 180% to 210%
- Ambient temperature: 0°C to +30°C
- Can temperature: +10°C to +30°C
- Shelf life: 18 months

*Product certified by SP Provning Forskning Swedish Institute (report no. F6 03923)
**Product classified by The Building Information Foundation RTS M1 building material class

STD Winter
Straw Polyurethane Foam

High quality polyurethane foam coming in the straw version, recommended for the applications where excellent filling and sealing properties are required.

Applications:
- Filling and sealing cracks, gaps and pipe or cable ducts
- Sealing of frame structures
- Thermal and acoustic insulation

Benefits:
- High thermal and acoustic insulation
- Excellent filling and sealing
- Perfect, compact structure
- Resistant to mould and fungi
- Low pressure formulation (prevents bowing of door and window frames)
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield: up to 45 l
- Cutting time: ≤ 60 min.
- Ambient temperature: -10°C to +30°C
- Can temperature: +15°C to +30°C
- Shelf life: 12 months

*Product certified by SP Provning Forskning Swedish Institute (report no. F6 03923)
**Product classified by The Building Information Foundation RTS M1 building material class

LEXY 60/40/20
All Season Straw Polyurethane Foam

Innovative Straw Polyurethane Foam with features of a gun polyurethane foam, providing a very high yield. Available in a wide range of sizes, it can be applied in any position of the can.

Applications:
- Mounting of doors and windows
- Sealing of hard-to-reach places
- Thermal and acoustic insulation

Benefits:
- Very high yield up to 60 l
- Application at any position of the can (360°)
- Accurate foam flow regulation
- Easy application
- Short cure time
- Low pressure formulation (prevents bowing of door and window frames)
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield: up to 60 l – Lexy 60
  up to 40 l – Lexy 40
  up to 20 l – Lexy 20
- Cutting time: ≤ 40 min.
- Volume growth (post-expansion): 130% to 180%
- Ambient temperature: -10°C to +30°C
- Can temperature: +5°C to +30°C
- Shelf life: 12 months

* Product certified by SP Provning Forskning Swedish Institute (report no. P7 05327 C)
**Product classified by The Building Information Foundation RTS M1 building material class

All communicated parameters were measured in compliance with Selena's internal standards and depend heavily on external curing conditions, equipment quality and adherence to application instructions. The parameters were measured in standard laboratory conditions +23°C and 50% RH.

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

SANIT
Straw Polyurethane Foam

Low-pressure mounting foam in a straw version, designed for sanitary, water and sewage, and central heating systems.

Applications:
- Insulation and gap filling in central heating and water and sewage systems, and ventilation elements
- Sound insulation of shower trays and bathtubs
- Sealing of concrete rings in sewerages and ducts
- Filling of gaps and pipe or cable ducts

Benefits:
- Excellent adhesive properties
- For use with a variety of building materials (PVC, bricks, concrete, plaster, wood, metal, EPS, PUR foams)
- Resistant to mould and fungus growth
- Minimal water absorption
- Excellent thermal and acoustic insulation
- Any position of the can during application (360°)
- Low pressure formulation (prevents bowing of door and window frames)
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield up to 47 l
- Cutting time: ≤ 60 min.
- Volume growth (post-expansion): 120% to 160%
- Ambient temperature: 0°C to +30°C
- Can temperature: 0°C to +30°C
- Shelf life: 18 months

Product certified by SP Provning Forskning Swedish Institute (report no. F902399D)
**Product classified by The Building Information Foundation RTS M1 building material class

ROOF
Straw Polyurethane Foam

Recommended for mounting and sealing of roof coverings made of tiles, tinware or other materials. Cured product ensures excellent thermal and acoustic insulation. It is mould-proof, moisture and ageing resistant. The foam has good adhesion to most popular roofing materials.

Applications:
- Fixing of ceramic roof tiles
- Thermal insulation of roof coverings – filling gaps under the roof covering
- Reduction of thermal bridges in roof structures, e.g. at the junction between the wall plate and the gable wall

Benefits:
- Excellent adhesion to roofing surfaces and most building materials - thick, compact structure that ensures a better thermal insulation and a stronger adhesion to building materials
- Low expansion
- Resistance to mildew, mould and fungi
- Does not emit MDI during application**

Technical parameters:
- Yield: 45 l
- Cutting time: ≤ 60 min.
- Volume growth (post-expansion): 140% to 190%
- Ambient temperature: +5°C to +30°C
- Can temperature: +10°C to +30°C
- Shelf life: 18 months

*Product certified by SP Provning Forskning Swedish Institute (report no. P603923)

HD (REUSABLE)
Straw Polyurethane Foam

Mounting foam in the straw version, equipped with a valve that does not get sealed up to two months after the first use of the product.

Applications:
- Filling and sealing cracks, gaps and pipe or cable ducts
- Sealing of frame structures
- Thermal and acoustic insulationr

Benefits Valve:
- Tight valve made with high quality perfectly fitting plastic elements
- Non blocking system – no rubber parts for sticking
- Reusable up to two months from initial product application

Benefits:
- High thermal and acoustic insulation
- Excellent filling and sealing
- Perfect, compact structure
- Resistant to mould and fungi
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield: up to 40 l
- Cutting time: ≤ 60 min.
- Volume growth (post-expansion): 190% to 240%
- Ambient temperature: +5°C to +30°C
- Can temperature: +15°C to +30°C
- Shelf life: 18 months

*Product certified by SP Provning Forskning Swedish Institute (report no. F6 03923)
**Product classified by The Building Information Foundation RTS M1 building material class

All communicated parameters were measured in compliance with Selena's internal standards and depend heavily on external curing conditions, equipment quality and adherence to application instructions. The parameters were measured in standard laboratory conditions +23°C and 50% RH.

TYTAN PROFESSIONAL

BUILD WITH CONFIDENCE

EMISSION CLASS FOR BUILDING MATERIAL M1

B1

Straw Polyurethane Foam

Technologically advanced Straw Polyurethane Foam, classified as slow combustible and fire-retardant.

Applications:
- Fireproof sealing
- Mounting of windows and doors
- Filling of construction joints

Benefits:
- Sealing against smoke
- Self-extinguishing
- Does not create dripping fireballs when on fire
- Resistance to fire class EI 240 (EN 13501-2) #
- B1 Fire rating class (DIN 4102-1)##
- Does not emit MDI during application*
- M1 emission class for building materials – once cured, the product does not emit any hazardous substances **

Technical parameters:
- Yield: up to 42 l
- Cutting time: ≤ 60 min.
- Volume growth (post-expansion): 180% to 210%
- Ambient temperature: +10°C to +30°C
- Can temperature: +10°C to +25°C
- Shelf life: 12 months

*Product certified by SP Provning Forskning Swedish Institute (report no. PX03351A)

**Product classified by The Building Information Foundation RTS M1 building material class

Building Research Institute Warsaw According to the classification report NP-02393/P/MŁ

##MPA Bau Hannover P-NDS04-443

Fill All

Straw Polyurethane Foam

Tytan Professional Fill All straw foam is an innovative, low-pressure, interior & exterior sealant that can be used for every gap-filling project. TYTAN Fill All PRO's unique all-in-one high yield formula will seal every gap or crack from ¼"-3". It offers superior R-value which reduces energy consumption and contributes to LEED energy saving standards.

Applications:
- Filing ¼" – 3" cracks indoors and outdoors
- Sealing gaps in multiple construction and DIY applications

Benefits:
- Won't over expand
- More Foam Per oz.
- For All Gaps & Cracks
- More R-Value Per Inch
- Min. Use Temp. 32°F

Technical parameters:
- Cutting Time: 40 minutes
- Fully Cured: 24 Hours
- Optimal Application Temperatures: 41°F-86°F
- Minimum Application Temperature: 32°F
- Shelf Life: 18 Months

Fire Block

Straw Polyurethane Foam

Tytan Professional Fire Block meets or exceeds all Residential Fire Block standards. Standards include: ASTM, NFPA, ICC-ES, IBC, IRC, and UL Fire Blocking Standards. Inspectors will easily spot TYTAN Fire Block foam during inspection because of its bright orange color. Using TYTAN Fire Block to seal air passages will slow the growth of a fire and provide responders valuable time.

Applications:
- Electrical outlets, wire passages, ductwork, and any air passages from one level of a building to another
- Sealing penetrations where Type V Fireblock sealant is required by the building code

Benefits:
- More Foam per oz.
- Slows Growing Fire
- Fills all gaps & Cracks

Technical parameters:
- Cutting Time: 40 minutes
- Fully Cured: 24 Hours
- Optimal Application Temperatures: 60°F-86°F
- Minimum Application Temperature: 41°F
- Shelf Life: 18 Months

All communicated parameters were measured in compliance with Selena's internal standards and depend heavily on external curing conditions, equipment quality and adherence to application instructions. The parameters were measured in standard laboratory conditions +23°C and 50% RH.

THIN BED MORTAR

EMISSION CLASS FOR BUILDING MATERIAL M1

Thin Bed Mortar is an innovative, ready-to-use mortar designed to bind cellular concrete blocks (TLMB class) and ceramic bricks of high definition. Thin Bed Mortar can be used to build exterior construction walls, as well as interior partition walls in single and multi-family housing. Polyurethane-based Thin Bed Mortar by Tytan Professional is an excellent alternative to traditional cement-based thin bed mortars: it is easy and quick to apply, and can be used at low temperatures (from -10°C), thus extending the construction season.

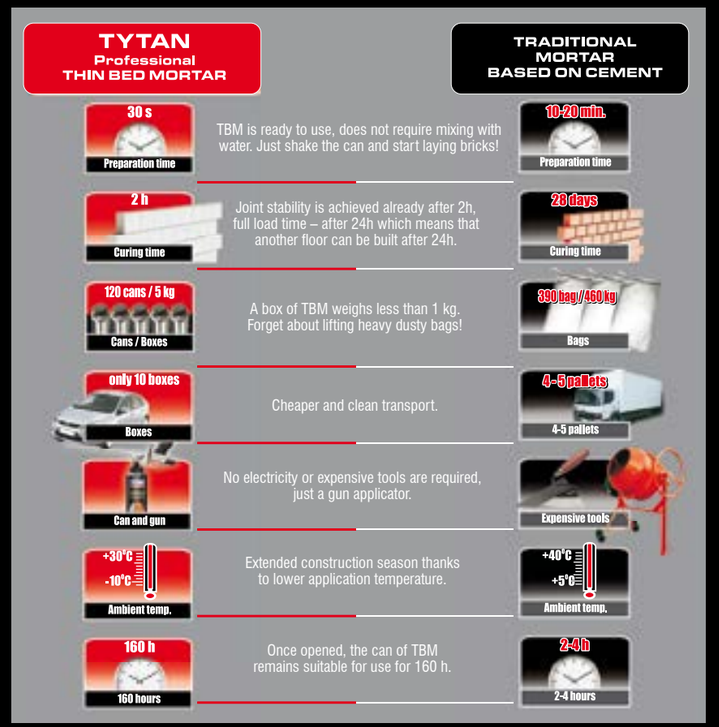
Application

Building construction and partition walls

Bonding of cellular concrete blocks and ceramic bricks of high definition

Benefits

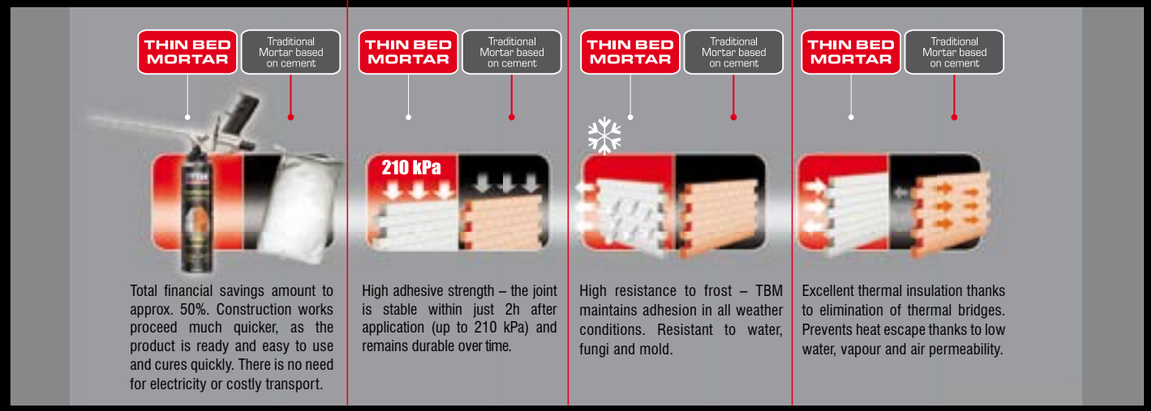
All examples refer to the construction of a 250m² house



Technical parameters:

Coverage	up to 12 m² (wall surface)
Application temperature	-10°C to 30°C
Can temperature	+10°C to 30°C
Correction time	<3 min.
Curing time	≥2 h
Full load time	24 h
Water vapor permeability coefficient (μ)	60/60 (dry/wet)
Coefficient of thermal conductivity (λ)	<0,036 W/mK
Resistance to compression	M1,5 class
Adhesion to aerated concrete and ceramic bricks	up to 210 kPa
Shelf life	15 months

Tytan Professional Thin Bed Mortar is also a good choice for the investor, offering considerable savings and superior thermal insulation.



All communicated parameters were measured in compliance with Selena's internal standards and depend heavily on external curing conditions, equipment quality and adherence to application instructions. The parameters were measured in standard laboratory conditions +23°C and 50% RH.

STYRO 753

Adhesive for External Thermal Insulation

Tytan Professional 02 STYRO 753 Adhesive for external thermal insulation is an adhesive designed to fix EPS and XPS boards to facade walls, roof and foundations during the external thermal insulation of buildings. The adhesive is compatible with all External Thermal Insulation Systems (ETICS) available on the market used with foamed polystyrene especially. Wide range of adhesion and elasticity ensure strong bonding.

Applications:

- Bonding insulation elements in the insulation of facade walls, roofs and foundations
- Compatible with External Thermal Composite Insulate Systems (ETICS*)
- Excellent for sealing gaps between insulation elements

Benefits:

- Strong, durable and certified adhesion to foamed polystyrene and other typical construction materials
- Increases thermal insulation - reduces thermal bridges
- Speeds up and facilitates insulation work
- Cost-effective – high yield
- Low pressure formulation
- No emission of MDI – Improved work safety*

STYRO 753 E/B1

Adhesive for External Thermal Insulation

STYRO 753 B1/ E Adhesive for external thermal insulation is an adhesive designed to fix EPS and XPS boards to facade walls, roof and foundations during the external thermal insulation of buildings where higher flame classification of the system components is required.The adhesive is compatible with all External Thermal Insulation Systems (ETICS) available on the market used with foamed polystyrene especially. Wide range of adhesion and elasticity ensures strong bonding.

Applications:

- For the insulation of upper storeys (depending on the local construction regulations)
- Bonding insulation elements in the insulation of the facade walls, roofs and foundations
- Compatible with External Thermal Composite Insulate Systems (ETICS*),
- Excellent for sealing gaps between insulation elements

Benefits:

- Strong, durable and certified adhesion to foamed polystyrene and other typical construction materials
- Increases thermal insulation - reduces thermal bridges
- Speeds up and facilitates insulation work
- Cost-effective – high yield
- Low pressure formulation
- No emission of MDI – Improved work safety*

STYRO UNI

Universal Polyurethane Foam Adhesive

STYRO UNI is an adhesive recommended for fixing, repairing and bonding internal and external insulation, decorative boards in vertical and horizontal applications. It can be applied to plasterboards, panels, lightweight decorative elements, wall insulation boards, façades, foundations and roofs (EPS, XPS, PIR, PUR). Tytan Professional Styro UNI is suitable for so many jobs because of excellent adhesion to typical construction materials.

Applications:

- Designed for fixing and bonding external and internal insulation and decoration elements
- Applicable with External Thermal Composite Insulate Systems (ETICS*)
- Excellent for sealing gaps between insulation elements

Benefits:

- Wide range of external and internal applications
- Improves work time efficiency
- Cost-effective – high yield
- Increases thermal insulation - reduces thermal bridges
- No emission of MDI – Improved work safety*

Technical parameters:

- High coverage efficiency up to 14 m^2 (insulation surface)
- Very wide application temperature range +0°C to 30°C
- Can temperature +10°C to 30°C
- Open time ≤ 5 min.
- Correction time ≤15 min.
- Full cure time 24 h
- Minimum anchoring time 2 h
- Coefficient of thermal conductivity (λ) < 0,036 W/mK
- Fire rating B3/F (DIN 4102/ EN13501-1:2008)
- Shelf life: 12 months
- The product complies with European Technical Approval Guidelines – ETAG 004

The product complies with European Technical Approval Guidelines – ETAG 004

*certified by SP Provning Forskning Swedish Institute.

Technical parameters:

- High coverage efficiency up to 14 m^2 (insulation surface)
- Very wide application temperature range +0°C to 30°C
- Can temperature +10°C to 30°C
- Open time ≤ 5 min.
- Correction time ≤15 min.
- Full cure time 24 h
- Minimum anchoring time 2 h
- Coefficient of thermal conductivity (λ) < 0,036 W/mK
- Fire rating B1 (DIN 4102) **/ E (MSZ EN 13501-1:2007)***
- Shelf life: 12 months.

The product complies with European Technical Approval Guidelines – ETAG 004

*certified by SP Provning Forskning Swedish Institute.

** MPA Bau Hannover P-NDS04-832

***ÉMI Nonprofit Kft. Budapes Hungary

Technical parameters:

- High coverage efficiency up to 10 m^2 (insulation surface) /30-35 running meters
- Very wide application temperature range +5°C to 30°C
- Can temperature +10°C to 30°C
- Open time ≤ 5 min.
- Correction time ≤ 15 min.
- Full cure time 24 h
- Minimum anchoring time 2 h
- Coefficient of thermal conductivity (λ) <0,036 W/mK
- Fire rating B3/F (DIN 4102/ EN13501-1:2008)
- Shelf life: 12 months

*certified by SP Provning Forskning Swedish Institute.

All communicated parameters were measured in compliance with Selena's internal standards and depend heavily on external curing conditions, equipment quality and adherence to application instructions. The parameters were measured in standard laboratory conditions +23°C and 50% RH.

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Drywall

Polyurethane Foam Adhesive

Drywall Professional Foam Adhesive's innovative formula replaces up to 12 traditional 28oz cartridges while providing superior insulation and acoustic dampening properties. Its high yield formula reduces canister changes and overall installation time. Cures at a similar rate compared to traditional adhesives and should be used in conjunction with mechanical fasteners.

Applications:

- Installing drywall panels
- Sealing small gaps
- Adheres to most construction materials including: drywall, vinyl-faced wallboard, masonry, lumber, cork, steel studs, and other wood materials.

Benefits:

- Fills gaps
- Eliminates nail pops and fills small gaps and cracks
- Reduces strain
- Superior insulation

Subfloor

Polyurethane Foam Adhesive

Tytan Professioanl Subfloor Foam Adhesive's innovative high-yield formula replaces up to 12 traditional 28oz cartridges while providing superior insulation and acoustic dampening properties. Cures at a similar rate compared to traditional adhesives and should be used in conjunction with mechanical fasteners.

Applications:

- May be used on frozen lumber when the air temperature is within the recommended range
- May be used on frozen lumber when the air temperature is within the recommended range
- Joists, subflooring, trusses, and decks. It provides a strong bond to lumber, plywood, concrete, metals, masonry and others substrates

Benefits:

- Bonds to wet and frozen lumber
- Fills gaps and imperfections
- Reduces strain
- Provides a tightly sealed and level floor
- Eliminates floor squeaks

Technical parameters:

- Optimal Application Temperatures: 60°F-95°F
- Minimum Application Temperature: 41°F
- Fully Cured: 5 Days
- Shelf Life: 18 Months

Technical parameters:

- Optimal Application Temperatures: 60°F-95°F
- Minimum Application Temperature: 41°F
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TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Cleaner
Universal Cleaner for Foams

Multifunctional agent for removing uncured polyurethane foams and adhesives

Benefits:
- Excellent for removing uncured polyurethane foams and adhesives
- Essential for cleaning surfaces prior to the application of polyurethane or silicone
- Indispensable for cleaning valves and gun applicators for sealants and mounting foams

Pro
Gun for Polyurethane Foams

Professional gun applicator for poly-urethane foams. With construction elements made of metal, the product's life is much longer than normally.

Benefits:
- Solid construction – metal body
- Teflonised basket
- Perfect handling due to ergonomic handgrip
- Economic foam consumption by a adjustable flow rate
- An exclusive design
- Easy foam output control
- Secured backscrew (patented solution)
- Needle stabilisation (patented solution)
- New basket internal diameter – resulting in higher output
- High durability

Technical parameters:
- Solvent: acetone
- Propellant: propane-butane-isobutene
- Shelf life: 36 months

Cleaning uncured polyurethane foam




TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Classic
Gun for Polyurethane Foams

Spray gun designed for the application of single component polyurethane foam in cans. The gun enables the user to adjust the product flow, thereby reducing waste. It is hermetically sealed, which prevents the foam from curing inside the gun. The gun has an aluminum alloy body and a distinctive, professional design.

Benefits:
- Metal alloy body
- Metal trigger
- Stainless steel needle
- Flow adjustment screw
- increased durability

Economy
Gun for Polyurethane Foams

Standard gun applicator for polyurethane foams. Light construction guarantees comfortable work.

Benefits:
- Lightweight plastic body
- Adjustable material flow
- Nicklated adapter
- Teflonised trigger
- Standard durability

Cleaning a gun applicator of uncured polyurethane foam




TYTAN® PROFESSIONAL

BUILD WITH CONFIDENCE

Sealants

SILICONES

- Universal Silicone
- Sanitary Silicone UPG
- Sanitary Silicone
- Neutral Sanitary Silicone
- Acrylic Bathtubs & PVC Silicone
- Glazing Silicone
- Neutral Silicone
- Building Silicone
- High Temperature Silicone
- Natural Stone Silicone
- Aquarium Silicone
- Siliconized Acrylic

ACRYLICS

- Acrylic
- Express Acrylic
- Drywall Acrylic
- Façade Acrylic
- Acrylic Wall Putty

SPECIAL SEALANTS

- Fireplace Sealant
- Multi-Tool Sealant
- Terraces & Balconies Sealant
- Rubber Sealant
- CG25 Neutral Cure Silicone

WOOD SEALANTS

- Parquet Filler
- Wood Sealant

POLYURETHANE SEALANTS

- PU25 Polyurethane Sealant
- PU40 Polyurethane Sealant
- C-15 PU Primer
- Back up rod

ROOF SEALANTS

- Specialised Roof Sealant
- Bitumen Roof Sealant
- Metal Roof Sealant, Silver
- X-Treme Fibre Sealant
- Rubber Roof Sealant
- Roof & Flashing Sealant

ACCESSORIES

- Standard Applicator for 310 ml cartridges
- Profi Applicator for 310 ml cartridges
- Kennet Applicator for 310 ml cartridges
- Resin Extruder for 310 ml cartridges
- Pneumatic Foil Gun for 600 ml
- Silicone Remover
- Joint Finger Set

10-years warranty for the joint

Universal
Silicone

Permanently flexible, easy-to-use, acid curing silicone. It is perfectly suited for both interior and exterior use. Resistant to UV radiation and changing weather conditions. It creates a durable and waterproof joint that protects gaps against ingress of moisture and air.

Applications:
- Sealing of joints in ceramic tiles and corner connections
- Sealing of sewerage and hydraulic systems
- Sealing of joints, gaps and crevices
- For small home repairs

Benefits:
- Excellent adhesion
- For such materials as glass, ceramics, glaze, wood, hard PVC or polystyrene
- Waterproof
- Flexible
- Resistant to UV radiation and changing weather conditions
- Durable colour once cured
- For interior and exterior use

UPG Sanitary
Silicone

High-quality silicone, recommended for application in high moisture areas, such as kitchens, bathrooms or toilets. It contains the innovative UPG formula, which will ensure fungi and mould resistant sealing for many years. The joint created by means of the Sanitary Silicone UPG has a 10-year warranty. The product was examined by the THOR Institute in Germany for its resistance to development of microorganisms and for its fungal growth inhibitory properties. The results confirmed the highest effectiveness and the long-lasting protective action of the UPG formula.

Applications:
- Joints in high moisture areas, such as kitchens, bathrooms or toilets
- Sealing around bathtubs, washbasins and shower trays
- Filling gaps between tiles and sanitary fittings
- Joints between ceramic tiles in wall corners and between the wall and the floor

Benefits:
- 10-year warranty for the joint
- Resistant to mould and fungi growth
- Waterproof
- Permanently flexible
- Resistant to cleaning agents and detergents
- Excellent adhesion to non-porous substrates
- The working time (15 - 25 min.) ensures comfortable installation of joints
- Elongation at break ≤ 600%

Sanitary
Silicone

Flexible, acid curing sealant. Contains agents that help prevent growth and development of mould, fungi or algae. It is characterised by a long-term resistance to moisture.

Applications:
- Sealing around washbasins, bathtubs, shower trays, pools and other sanitary facilities
- Sealing of dilatation joints, connections and gaps in high moisture areas
- Sealing of water and wastewater systems
- Pointing of joints in ceramic tiles

Benefits:
- Resistant to mould and fungus growth
- Resistant to cleaning agents and detergents
- Excellent adhesion to glass, ceramics, porcelain and wood
- Waterproof
- Flexible
- Durable colour
- Resistant to UV radiation and significant temperature changes

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Neutral Sanitary
Silicone

Fast and neutral curing silicone. Contains agents that prevent the growth of mould, fungi and algae, which makes it perfectly suited for high moisture areas. The product does not cause corrosion and does not discolour such substrates as metal or concrete. It has a very good adhesion to such substrates as brick, concrete, stone, wood, aluminium glass, ceramics and many plastics.

Applications:
- Sealing bathtubs, shower trays, shower cubicles, washbasins and other sanitary and water facilities
- Pointing of joints in ceramic tiles, dilatation joints and other connections
- Filling gaps in decorations, curtains and glass blocks

Benefits:
- Resistant to mould and fungus growth
- Resistant to cleaning agents and detergents
- Does not cause corrosion and does not discolour such substrates as metal or concrete
- Excellent adhesion
- Waterproof
- Flexible

Acrylic Bathtubs & PVC
Silicone

Fast curing silicone containing fungicides that protect joints against fungi and mildew. It has a perfect adhesion, especially to acrylic bathtubs and PVC. With its neutral cure formula, it is virtually odourless and does not cause corrosion. Once cured, it creates a non-shrink and elastic joint.

Applications:
- Sealing around acrylic bathtubs, washbasins, PVC shower cubicles, shower trays and pools
- Pointing of joints in ceramic tiles and corner joints
- Sealing of water and wastewater systems, and PVC pipes and connectors
- Sealing of kitchen benchtops and sinks

Benefits:
- Strong adhesion to acryl and PVC
- Resistant to mould and fungus growth
- Resistant to cleaning agents and detergents
- Does not cause corrosion
- Fast curing

Glazing
Silicone

Flexible, non-shrink, acid curing sealant.
Perfectly adheres to smooth substrates, such as glass or aluminium. Resistant to ageing caused by changing weather conditions and UV radiation.

Applications:
- Glazing of wooden windows, table tops, cabinets, partition walls and gardening structures
- Filling gaps in decorations, water curtains, glass blocks and advertising light boxes
- Sealing of freezers and freezing facilities, ventilation and air-conditioning ducts and solar collectors

Benefits:
- Excellent adhesion to smooth substrates
- Resistant to UV radiation
- Resistant to significant temperature changes and varying weather conditions
- Flexible
- Waterproof
- Fast curing

Neutral
Silicone

Fast curing sealant that creates a non-shrink and flexible joint, resistant to weather conditions and UV radiation. It has an excellent adhesion to both porous and non-porous substrates Does not cause corrosion of metal or concrete. Resistant to mould and fungus growth. With its neutral curing formula, it is virtually odourless.

Applications:
- Flexible sealing for glazed window frames
- Sealing of construction elements made of concrete, wood, metal, granite or plastic
- Sealing of connections and expansion joints
- Sealing applications in electrical and electronic sectors

Benefits:
- Does not cause corrosion of metal or concrete
- Fast curing
- Excellent adhesion to construction materials
- Resistant to UV-radiation and changing weather conditions
- Resistant to mould and fungus growth
- Non-shrink

Building
Silicone

Neutral curing silicone that creates a flexible, non-shrink and waterproof joint. It has an excellent adhesion to common construction materials, both porous and smooth, including: concrete, brick, wood, glass, glaze, steel, aluminium, enamelled, laminated and varnished surfaces and plastics.

Applications:
- Sealing of connections, expansion joints and building crevices
- Pointing of joints in construction elements made of concrete, wood, metal, brick or plastic
- Sealing in the installation of doors and windows
- Sealing applications in electrical and electronic industries

Benefits:
- Excellent adhesion
- Flexible
- Waterproof
- Does not cause corrosion of metal or concrete
- Resistant to UV radiation and weather conditions
- Resistant to significant temperature changes

High Temperature
Silicone

Flexible, fast curing silicone, resistant to long exposure to low and high temperatures ranging from 65°C to +265°C. It also has a temporary resistance to temperatures up to +315°C. It creates a permanent, non-shrink joint resistant to UV radiation. It is gas and waterproof. It is characterised by an excellent adhesion to such substrates as glass, ceramics, wood and aluminium.

Applications:
- Sealing applications in the automotive industry
- Sealing of smoke and ventilation ducts and chimney elements
- Sealing of elements operating both at high and low temperatures, e.g. in refrigeration technology

Benefits:
- Resistant to temperatures from -65°C to +265°C
- Temporary resistance to temperatures up to +315°C
- Oil and grease resistant
- Fast curing
- Excellent adhesion to glass, ceramics, aluminium and metal
- Creates a flexible, non-shrink joint
- Resistant to UV radiation

Natural Stone
Silicone

Flexible and durable sealant designed for stone work. Due to its neutral curing formula and the lack of any solvents, the product does not discolour natural stone and is safe to sensitive substrates, such as copper or mirror silver. Resistant to changing weather conditions, UV radiation and high temperature differences.

Applications:
- Stone work
- Pointing of joints and filling expansion joints in marble, granite or stone floors
- Sealing of sinks with stone tops
- Pointing of joints in mirrors

Benefits:
- Does not discolour natural stone
- Excellent adhesion
- Flexible
- UV and weather resistant
- Fast curing

Aquarium
Silicone

Silicone recommended for bonding and sealing aquariums, terrariums and other glass constructions. It creates a fast curing joint, resistant to aging, UV radiation and temperature changes. It has an excellent adhesion to common non-porous substrates, such as glass, ceramics or aluminium. It does not contain any organic solvents, which makes it safe to animals and plants.

Applications:
- Bonding and sealing of aquariums and terrariums
- Glazing of table tops, shop windows or greenhouses
- Sealing of glass joints, skylights, glass blocks, signs and advertising light boxes
- Joining small glass elements with aluminium

Benefits:
- Strong adhesion
- Safe to animals and plants
- Resistant to high tensions
- Mechanical resistance
- Waterproof
- Does not contain organic solvents

Siliconized
Acrylic

Sealant that, once cured, creates a flexible and paintable joint. Contains fungicides preventing growth and development of mould. It has a perfect adhesion to most substrates and can be applied on wet surfaces. Does not require any primer. Once cured, creates a smooth and easy-to-clean surface. Practically odourless.

Applications:
- Pointing of joints in wall corners and filling cracks in walls, floors and ceilings
- Sealing of door and window frames, window sills and balustrades
- Pointing of joints in ceramic tiles, washbasins, shower cubicles and bathtubs in high moisture areas
- Pointing of joints in construction elements exposed to low tensions

Benefits:
- Paintable
- Flexible
- Does not cause corrosion
- Can be applied on wet substrates
- Resistant to mould and fungus growth
- For interior and exterior use

Acrylic

Construction sealant recommended for filling gaps, cracks and crevices in walls. Designed for both interior and exterior use. It can be applied on wet substrates. It has an excellent adhesion to porous substrates, such as concrete, plaster, brick, wood or plasterboard.

Applications:

- Filing gaps, cracks and joints in walls and ceilings before painting
- Pointing of joints between the wall and the skirting boards, stairs, ceiling and sockets
- For internal and external use
- Sealing of door and window frames, window sills and balustrades
- Small repairs before painting

Benefits:

- Excellent adhesion to common construction materials
- Paintable
- UV and weather resistant
- Crack resistant

Express

Acrylic

Fast drying, light texture acrylic recommended for filling gaps in walls, ceilings and façades, without having to apply multiple coats. It can be worked and painted already after about 20 minutes.

Applications:

- Can be worked and painted already after 20 minutes
- Easy-to-sand
- Will not crumble or crack
- Will not discolour when coated with any paint
- Excellent adhesion to porous substrates
- For interior and exterior use

Benefits:

- Filing gaps and cracks in walls and ceilings
- Covering screw heads, bolts and fastenings during installation of partition walls and suspended ceilings
- Filling gaps in façades

Drywall

Acrylic

Sealant based on acrylic resin, recommended for pointing joints in drywall constructions. Highly flexible. Designed for both interior and exterior use.

Applications:

- Connections in drywall constructions
- Filing gaps, cracks and joints in walls and ceilings before painting
- Sealing of door and window frames, window sills and balustrades
- Pointing of joints in construction elements exposed to low tensions

Benefits:

- Creates a very flexible and durable joint
- Excellent adhesion to common substrates, such as drywall, concrete, brick, plaster, wood or stone
- Mechanical resistance
- Paintable
- Resistant to UV radiation and changing weather conditions

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Façade

Acrylic

Flexible sealant used for sealing, pointing of joints and filling gaps in walls and façades covered with structural plaster. Designed for both interior and exterior use.

Applications:

- Pointing of joints between construction elements covered with structural plaster
- Filing gaps, cracks and joints in façades, walls and ceilings before painting
- Pointing of joints between the wall and the skirting boards, stairs, ceiling and sockets
- Pointing of joints in construction elements exposed to low tensions

Benefits:

- Reflects the granular plaster structure
- Excellent adhesion
- For porous and smooth substrates
- Flexible
- Paintable
- Resistant to UV-radiation and changing weather conditions

Acrylic Wall Putty

Ready-for-use thin-bed acrylic putty designed for final levelling of minor crevices or cracks and smoothing out walls and ceilings inside of buildings. It leaves the surface smooth, matt and perfectly white.

Applications:

- Final levelling and smoothing out of internal walls and ceilings
- For application on concrete substrates, drywalls, gypsum, cement and cement-lime plasters and primed concrete

Benefits:

- White after drying
- Easy application and sanding
- Flexible and resistant to cracking
- Fast-drying and vapour-permeable
- Improves adhesion to the substrate and does not clog sandpaper

Fireplace

Sealant

Fireplace Sealant based on water glass, recommended for sealing gaps, cracks and crevices in chimneys, stoves and fireplace grates. It contains glass fibre, which makes it gas-tight and prevents it from shrinking or expanding. It is not recommended for the applications that require flexible connections (central heating, gas installation).

Applications:

- Sealing gaps, cracks and crevices in ceramic chimney ducts
- Sealing chimneys, stoves and fireplace grates
- Installation of stoves and grills
- Repair of construction and technical elements exposed to fire

Benefits:

- Resistant to temperatures up to +1500°C
- Very good adhesion to metal, brick and cement
- Retains its properties despite temperature changes
- Will not crack or crumble
- Contains no asbestos and emits no noxious substances
- Resistant to UV radiation and changing weather conditions

Multi-Tool
Sealant

Multi-task, new generation sealant. It combines the features of silicones, acrylics and polyurethane foams, which makes it suitable for a wide range of applications. Especially recommended for the jobs that require high flexibility, excellent adhesion and resistance of the joint.

Applications:
- Sealing and bonding of all kinds of construction and decorative materials made of glass, wood, aluminium steel, PVC, etc.
- Sealing and filling dilatation joints in building structures
- Sealing of window and door frames
- Perfectly suited for roofing jobs – bonding and sealing of metal plates, tiles and other roofing materials.

Benefits:
- Highly flexible
- Excellent adhesion
- Safe to delicate surfaces – will not corrode metal, discolour natural stone or affect the bonded surfaces
- Paintable
- Resistant to UV radiation and weather conditions
- Can be applied on wet substrates
- Several coats possible

Terraces & Balconies
Sealant

Perfect for sealing and filling dilatation joints in terraces and balconies, and in building structures. It creates a waterproof, non-shrink and vibration resistant joint.

Applications:
- Sealing of dilatation joints on balconies and terraces
- Sealing and filling dilatation joints in building structures
- Joining construction elements
- Bonding and sealing of roof tiles, metal plates and other roofing materials

Benefits:
- Permanently waterproof
- Highly flexible
- Excellent adhesion
- Can be applied on wet substrates
- Resistant to vibrations
- Resistant to UV radiation and weather conditions
- Will not corrode metals or discolour alkaline surfaces
- Does not require primers

Rubber
Sealant

Universal sealant with a wide range of applications. It creates a flexible joint that is highly resistant to ageing. It can be applied on wet and smooth surfaces, which makes it an ideal choice for roof or boat repairs. Unlike silicones or acrylics, it may be used on bituminous substrates. Does not require any primer. Once cured, the sealant may be painted.

Applications:
- Sealing of roof flashing, chimneys, eaves, gutters and downpipes
- Sealing of leaks in the roof decks made of membrane, tiles, corrugated or flat metal panels, and others
- Filling of grooves and joints during installation of anti-moisture insulations for building walls, e.g. at the connection point between the foundations and the wall
- Creating joints and seals in boats and other applications where water resistance is required

Benefits:
- Excellent adhesion to most substrates, both porous and non-porous ones, including roofing materials, e.g. metal plates or membranes, as well as plastics, brick or concrete
- Can be applied on wet or dry surfaces
- UV and weather resistant
- Paintable
- Waterproof

CG25
Neutral Cure Silicone

Primerless, commercial grade neutral cure oxime with enhanced adhesion and tensile strength properties, designed especially for vertical or traffic bearing joint sealing applications.

Applications:
- Dilatation
- Interior
- Exterior
- Window & Door

Technology:
- Neutral Cure Silicone

Benefits:
- Commercial grade
- No slump, no shrink
- Superior adhesion
- Superior tensile strength

Parquet
Filler

Single-component, flexible sealant. Once cured, can be sanded and painted. Has excellent adhesion to both smooth and porous materials.

Applications:
- Filling fissures in parquet, panelling, doors and windows
- Bonding small wooden elements

Benefits:
- Comfortable sanding and painting
- Good adhesion
- Fast curing
- Ecological and odourless

Wood
Sealant

Single-component sealant that retains high flexibility, ensuring durable and tight seal, also in the places exposed to varying tensions (e.g. floating floor systems).

Applications:
- Filling gaps in the installation of floor panels – sealing the connection points with pipes, thresholds or door frames
- Bonding wooden structures that require flexibility: boards, stairs and balustrades
- Filling cracks, gaps and fissures in wood and walls

Benefits:
- Retains high flexibility
- Good adhesion – protects against ingress of water and dust
- Ecological and odourless
- Resistant to moisture and temperature changes

PU 25
Polyurethane Sealant

PU 25 is a professional, one-component, low modulus, flexible sealant with a wide range of applications in industry and construction.

Applications:
- Filling expansion joints in walls, facades of buildings, prefabricated elements, construction elements
- Sealing joints between façade panels and other materials, such as window sills, decorative elements
- Sealing and filling of dilatation joints in walls made of prefabricated elements in industrial buildings and warehouses
- Sealing of dilatation joints in cement floors subject to light pedestrian traffic
- Pointing exterior tiles on stairs, in underpasses, in places exposed to different weather conditions, pollutants, greases
- Securing welds in building structures made of steel or metal sheets. Possibility of painting already after partial cure.

Benefits:
- Movement capability 25%
- Creates a strong and flexible joint resistant to weathering and aging
- Resistant to vibration
- Curing without the formation of bubbles
- Paintable

Technical parameters:

Curing rate	2 mm per twenty-four hours (+23°C, 50%RH)
Slumping (ISO 7390)	0 mm
Tooling time	up to 60 min
Modulus α at 100% elongation (ISO 8339)	0,40 MPa
Elongation at break (ISO 37)	400%
Tensile strength at break (ISO 37)	1,50 Mpa
Movement accommodation (ISO 9047)	25%
Shore A Hardness (ISO 868)	30
Temperature resistance	from -30°C to +80°C
Application temperature	from +5°C to +35°C
Elastic recovery (ISO 7389)	85%
Loss of volume (ISO 10563)	5%

PU 40
Polyurethane Sealant

Professional one-component polyurethane sealant, highly modular, creating a strong and flexible joint. The product complies with the standard of LEED 2009 C4.1 for low volatile organic content (VOC), as evidenced by a certificate issued by Eurofins Product Testing A/S, which is a member of the U.S. GREEN BUILDING COUNCIL (Report Number G24272A). It has a technical recommendation of the Research Institute of Roads and Bridges IBDiM no RT/2009-03-0025 for sealing joints and cracks in bridges, tunnels and culverts. Its thixotropic properties enable applications in vertical slots and ceilings.

Applications:
- Filling expansion joints and structural joints in cement floors
- Sealing joints and expansion joints in residential and industrial buildings especially in concrete structures but also the connections with weaker substrates as plaster, mortar, bricks
- Finishing and sealing of roof coverings, filling gaps in roof ceiling during renovation of flat roof coverings
- Sealing and bonding in air-conditioning and refrigeration, covering welds and connections in construction of containers

Benefits:
- Movement capability 25%
- High chemical resistance to fuels, oils, hydrocarbons, water, lime, diluted acids, swimming pool water, sea water, cleaning agents, sodium hydroxide solution
- Very good resistance to mildew and bacterial growth according to the Institute of Building Technology ITB (EN ISO 846)
- Creates a strong and flexible joint resistant to weathering and aging
- High resistance to breaking and tear propagation
- Curing without the formation of bubbles
- Paintable

Technical parameters:

Curing rate	3 mm per twenty-four hours (23°C, 50%RH)
Slump (ISO 7390)	0 mm
Tooling time	do 90 min
Modulus α at 100% elongation (ISO 8339)	0,60 MPa
Elongation at break (ISO 37)	>350%
Tensile strength at break (ISO 37)	1,80 Mpa
Movement accommodation (ISO 9047)	25%
Shore A hardness (ISO 868)	40
Temperature resistance	from -30°C to +80°C
Application temperature	from +5°C to +35°C
Elastic recovery (ISO 7389)	85%
Loss of volume (ISO 10563)	<9%

C 15
Primer

Professional primer applied to improve the adhesion of polyurethane sealants to porous surfaces such as concrete, terrazzo, brick, wood. A thin layer of primer should be applied to the surface with a dry, clean brush prior to the application of sealant. In the case of very porous materials, two coats of C15 PU Primer should be applied.

Applications:
- Priming of structural expansion joints in concrete floors to improve adhesion of PU sealant
- Priming joints in floors on terraces, balconies, as well as vertical expansion joints in balustrade walls
- Priming joints in wall fences made of concrete, brick, stone

Back up rod

A round rod made of closed cell polyethylene foam, designed to fill expansion joints to help accommodate joint movement. Thanks to the closed cells of the polyethylene foam (PE), the rod is perfect to seal the air flow and prevent heat loss. The back up rod has a very good compatibility with other common building materials. Suitable for sealing damp joints.

- Example of a joint made without the use of a back up rod. The sealant adheres to three substrates, which increases the risk of sealant crack.

- Example of a joint made with the use of a back up rod.

Specialised
Roof Sealant

Specialised sealant with a wide range of applications. It creates a durable and flexible joint that is characterised by a strong resistance to ageing. The sealant perfectly adheres to most substrates, both porous and non-porous, including concrete, plaster, sheet metal or different plastics. Unlike other sealants, it can be applied on wet and smooth surfaces, which makes it an ideal choice for roof or boat repairs. In contrast to silicones or acrylics, it can also be used on bituminous substrates.

Applications:
- Sealing of skylights and chimneys
- Creating joints and seals on roof and in boats and other applications where constant water resistance is required
- Fast fixing of leaks in roofs and gutters, even during rain
- Sealing connections between corrugated and trapezoidal sheets
- Sealing of gutters

Benefits:
- Can be used at low temperatures, even at -10°C
- Strong resistance to ageing and UV radiation
- Creates an easy-fitting and flexible joint
- Can be applied on bituminous substrates
- Can be applied on wet substrates
- Paintable

Bitumen
Roof Sealant

Permanently flexible roofing sealant with a bituminous and rubber base, recommended for repair and insulation of different roof coverings, including membranes, bituminous shingles and asphalt roofing. Do not use in contact with tar or for tar membranes.

Applications:
- Sealing of cracks and splits in roof coverings
- Bonding membrane coatings and fixing membrane to concrete
- Roof flashing
- Sealing of connections between roofing materials, such as membrane, tile, metal plates, asbestos boards, etc.
- Sealing of ventilation, air-conditioning or flue gas ducts coming through the roof
- Sealing of joints in gutters, hoppers and downpipes
- Filling of grooves and joints during installation of anti-moisture insulations for building walls

Benefits:
- Can be used on dry and damp substrates
- Resistant to moisture and changing weather conditions

Metal
Roof Sealant, Silver

Permanently flexible bituminous roofing sealant with the addition of aluminium pigments, used for repair and insulation of different roof coverings, giving them a silver coat. Do not use in contact with tar or for tar membranes.

Applications:
- Roof flashing
- Sealing of steel roof tiles, metal sheet connections, chimneys, etc.
- Sealing of ventilation, air-conditioning or flue gas ducts coming through the roof
- Sealing of joints in gutters, hoppers and downpipes
- Sealing of cracks and splits in roof coverings
- Sealing of connections between roofing materials, such as membrane, tile, metal plates, asbestos boards, etc.

Benefits:
- Increased resistance to UV radiation and ageing
- Can be used on dry and damp substrates
- Resistant to moisture and changing weather conditions
- Contains no asbestos fibres

X-treme
Fibre Sealant

X-treme Fibre Sealant is a rapid repair mass, the new generation of synthetic rubber, strengthened with polymer fibres.

Applications:
- For permanent emergency repairs
- Cracks and fissures in all types of roofing,
- Sealing ventilation outlets and chimneys,
- Repair and sealing of cracks in gutters (galvanized sheet, coated sheet, copper, pvc)

Benefits:
- Seals even under standing water
- Good adhesion to wet surfaces
- Can be used during snow and rain
- Durable and flexible coating
- Good adhesion and compatibility with bitumen
- Good adhesive to porous and nonporous surfaces
- Paintable with most paints

Rubber
Roof Sealant

Flexible rubber sealant for roof sealing and repairs. Highly resistant to weather conditions. It has an excellent adherence to common construction substrates, including bituminous ones.

Applications:
- Repairing leaks in roof coverings
- Sealing of roof flashing, chimneys, eaves, gutters, fascias, etc.
- Roof details
- Sealing of connections between roofing materials, such as membrane, tile, metal plates or boards
- Sealing of ventilation, air-conditioning or flue gas ducts coming through the roof
- Sealing of joints in gutters, hoppers and downpipes
- Filling of grooves and joints during installation of anti-moisture insulations for walls

Benefits:
- Can be used on damp and smooth substrates
- Paintable
- Strong resistance to ageing
- Creates durable, easy-fitting and flexible joints

Roof & Flashing
Sealant

Provides a durable seal when installing and repairing all roofs.

Applications:
- Roof
- Exterior

Technology:
- Polyurethane

Benefits:
- Seals Roof Leaks
- Durable & Lasting Seal
- Weather & UV Resistant
- Remains Flexible

Standard
Applicator for 310 ml cartridges

Easy-to-use professional extruder for application of sealants in 310 ml cartridges.

Benefits:
- Compact construction
- Very long life

Profi
Applicator for 310 ml cartridges

High quality gun for dispensing sealants and adhesives in 310 ml cartridges.

Benefits:
- Rigid steel structure resistant to deformation and bending
- Firm handle grip

Kennet
Applicator for 310 ml cartridges

Skeleton gun designed for dispensing sealants and adhesives in 310 ml cartridges.

Benefits:
- Compact construction
- Very long life
- Can be used for application of thick materials

Resin
Extruder for 310 ml cartridges

Easy-to-use professional extruder for application of sealants in 310 ml cartridges.

Benefits:
- Compact construction
- Very long life
- Can be used for application of thick materials

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Foil Gun
Pneumatic foil gun for 600 ml

High quality pneumatic extruder for dispensing caulks and adhesives in 600 ml packs.

Benefits:
- Compact construction
- Very long life
- Can be used for application of thick materials

Remover
Silicone Remover

A paste used for effective removal of cured silicone from construction substrates.

Benefits:
- Easy-to-use
- Effective action
- Once the old silicone is removed, it improves adhesion to the new silicone coating

Joint Finger Set

Professional silicone application kit with four differently shaped tools for dispensing and finishing the joint before it cures.

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Mounting and Wood Adhesives

MOUNTING ADHESIVES

- Fix² Rapid High Tack Adhesive
- Fix² MS 1000 Adhesive Sealant
- Polyurethane Adhesive
- Classic Fix Transparent Mounting Adhesive
- Multi Fix Transparent Mounting Adhesive
- Hydro Fix Transparent Mounting Adhesive
- Neoprene S Adhesive
- SBS Mounting Adhesive
- Ecological Adhesive
- Mounting Adhesive For Ceramic Tiles
- Mirror Adhesive
- Polystyrene Adhesive
- Mounting Adhesive for Hard PVC
- Roofing Adhesive

WOOD ADHESIVES

- D2 Wood Adhesive
- D3 Wood Adhesive
- D4 Fast Setting Polyurethane Adhesive

WINDSHIELD ADHESIVES

- Shield Bond Cleaner
- Shield Bond Primer
- Shield Bond Repair Windshield Adhesive
- Shield Bond Fast Windshield Adhesive
- Shield Bond Ultra Windshield Adhesive

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FIX² RAPID

High-Tack Adhesive

High-quality hybrid adhesive with a very strong and fast initial grab (200 kg/m² in 5 seconds). It bonds all materials in any conditions, creating durable, flexible and very strong connections. Designed for both interior and exterior use.

Applications:

- Bonding different heavy decorative and finishing materials
- Bonding panels, thresholds, skirting boards, profiles, coffers, ceramic tiles and mirrors
- Bonding different materials (one to another or in any combination): wood and wood-based materials, glass, painted glass, mirror, stone, cork, metal, plastics (except for PE, PP and Teflon), glaze, terracotta and polystyrene

Benefits:

- Very good initial tack (200 kg/m² in 5 seconds)
- Very high bonding strength
- Excellent adhesion to all substrates
- Permanently flexible, white joint
- Strong chemical and mechanical resistance
- Joint resistant to moisture and changing weather conditions
- Designed for both interior and exterior use
- Environmentally friendly – solvent and isocyanides-free
- Safe to delicate surfaces (e.g. polystyrene, marble, etc.)
- The joint can be painted (including with water paints) once a coat is created

FIX² MS 1000

Adhesive Sealant

High quality adhesive sealant based on modern MS Polymer technology. It bonds all materials in any conditions, creating durable, flexible and very strong connections.

Applications:

- Bonding and sealing of finishing materials, including natural stone, brick, concrete, glass, painted glass, mirror, wood, polystyrene, mineral and glass wool, drywall, common plastics (except for PE, PP and Teflon), metal and ceramic tiles, on all kinds of substrates (including wet ones)
- For sanitary and construction applications

Benefits:

- 5-in-1 formula (combines the properties of adhesive, silicone, PU sealant, rubber sealant and roofing sealant)
- Bonds all materials and all substrates
- Very strong adhesion
- Durable and very flexible joint
- For interior and exterior use
- Waterproof joint
- Environmentally friendly – solvent and isocyanides-free
- Safe to delicate surfaces (polyurethane, marble, etc.)
- The joint can be painted (including with water paints) once a coat is formed
- Strong chemical and mechanical resistance
- Resistant to mould and fungus growth
- 10-year warranty for the joint
- 360° applicator

Polyurethane

Adhesive

Construction adhesive characterised by a very high bonding strength and a high mechanical resistance. Designed for both interior and exterior use. Does not contain any solvents.

Applications:

- Bonding wood and wood-based materials (e.g. windows, doors, furniture, stairs, balustrades, garden structures, roof truss)
- Bonding elements made of metal, aluminium, copper, stainless steel and zinc-plated steel
- Bonding artificial and natural stone, drywalls, insulation boards, brick, ceramics and concrete
- Bonding glass, PVC, plastics, insulation materials (e.g. polystyrene, polyurethane foam, glass wool)

Benefits:

- Extreme bonding strength
- D4 water resistance class
- For interior and exterior use
- Will not run down the wall
- Strong mechanical and chemical resistance
- Solvent-free
- Excellent adhesion to most substrates

Classic FIX

Transparent Mounting Adhesive

Colourless solvent-based synthetic rubber adhesive recommended for different mounting and finishing construction jobs, particularly where a colourless and/or durable joint is needed.

Applications:

- Bonding different materials (one to another or in any combination), including: stone, brick, concrete, plaster, glass, wood, drywall, mineral and glass wool, plastics, metal, ceramics and others
- Recommended for bonding skirting boards, socles, thresholds, etc. panels, wood, plastic boards, ceramic tiles, window sills, hard PVC, glass, metal and metal plates with any type of surface used in construction.

NOTE: Do not use for bonding polystyrene

Benefits:

- Transparent joint
- High bonding strength
- Excellent adhesive properties
- For most substrates
- For interior and exterior usee

Multi FIX

Transparent Mounting Adhesive

Colourless adhesive with a very high bonding strength and an excellent adhesion to most substrates. It cures on exposure to the moisture contained in the air and the bonded elements.

Applications:

- Bonding different materials (one to another or in any combination): natural stone, brick, concrete, glass, painted glass, mirror, wood, wood-based materials, plaster, mineral and glass wool, drywall, plastics (except for PE, PP and Teflon), metal, polystyrene, ceramic tiles, terracotta tiles
- Bonding elements where the joint will be partly or wholly exposed (e.g. decorative elements)
- Bonding transparent elements (e.g. glass)

Benefits:

- Colourless joints – invisible connection
- High bonding strength
- Bonds all materials and all substrates (including damp ones)
- Flexible joint
- Waterproof joint
- For interior and exterior use
- For use on all substrates (dry and damp)
- Silicone, solvent and isocyanides-free
- Safe to delicate surfaces (polystyrene, marble, etc.)
- Paintable joint
- Resistant in a wide range of temperatures

Hydro FIX

Transparent Mounting Adhesive

Hydro Fix is general purpose, solvent free adhesive recommended for commonly absorbent building materials during finishing and renovation work in apartments offices and industrial buildings. Suitable for interior and exterior applications. Creates a flexible and transparent joint. Excellent adhesion to most of the typical construction and finishing of materials such as polystyrene, ceramic tiles, wood, metal and plastic components, panels and foam, mineral wool.

Applications:

- certain types of wood and plastics
- coffers and plaster and polyurethane cornices
- thermal and acoustic insulation (including polystyrene)
- thresholds and sills
- decorative and finishing PVC, polystyrene and various wood derivatives
- slats, panels and plastic and wood boarding
- plaster coffers, rosettes and cornices

Benefits:

- Transparent joint
- Environment friendly
- Non-flammable formula
- Excellent adhesive properties with all kinds of building surfaces
- Heat resistant
- Forms strong and durable bond
- Easy-to-apply
- Moisture resistant

Neoprene S
Adhesive

Contact adhesive recommended for different mounting and finishing works. Quick-drying with an increased bonding strength.
Toluene and cyclohexane-free.

Applications:
- Bonding skirting boards, sockles, thresholds, window sills, wall panels and ceramic tiles
- Bonding decorative and finishing elements made of wood and wood-based materials, plastic boards, hard PVC, glass, metal, sheet metal and ceramics
- Waterproof joints in lacquered sheet metal for the automotive industry

Benefits:
- High bonding strength
- For interior and exterior use
- Excellent adhesion to most substrates
- Increased resistance to water and high temperature
- Short drying time

SBS
Mounting Adhesive

Contact adhesive recommended for mounting and finishing works.
It is characterised by a fast initial grab and an increased bonding strength.

Applications:
- Bonding skirting boards, socles, thresholds, wall panels and ceramic tiles
- Bonding decorative elements made of wood, gypsum, cork, chipboard, metal, stone, polystyrene, PVC and glass
- Bonding absorbent and non-absorbent materials (one to another or in any combination)

Benefits:
- Excellent adhesion to most substrates
- High bonding strength
- Durable and flexible joint
- For interior and exterior use
- Waterproof

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Ecological
Adhesive

Acrylic-based high-tack adhesive with an immediate initial grab (200 kg/m²). Recommended for bonding different decorative and finishing materials with absorbent substrates. It is characterised by a very high bonding strength and a white joint, which can be painted once cured.

Applications:
- Quick bonding of decorative elements with absorbent substrates
- Bonding of skirting boards, profiles and socles
- Bonding of wall panels, window sills and thresholds
- Bonding of elements made of wood, hard PVC, metal, polystyrene and stone
- NOTE: One of the bonded surfaces must be permeable.

Benefits:
- Immediate initial grab of 200 kg/m² in 5 seconds
- High bonding strength
- White, paintable joint
- Can be used on uneven substrates
- Designed for both interior and exterior use
- Does not contain harmful solvents

Ceramic Tiles
Adhesive

Ready-to-use adhesive recommended for bonding ceramic materials (primarily glaze and terracotta) with common absorbent substrates used in construction.

Applications:
- Bonding ceramic materials, such as tiles, terracotta or ceramic decorative panels with common absorbent substrates used in construction, e.g. plaster, drywall, chipboard, plywood, etc.
- NOTE: One of the bonded surfaces must be permeable.

Benefits:
- Easy-to-use
- Will not run down the wall
- Strong initial grab that permits ceramic tiles to be installed on vertical surfaces without extra fastening (for an area of up to 450 cm², i.e. approx. 21 cm x 21 cm), with possible correction of the tiles
- For interior and exterior use
- Does not contain harmful solvents

Mirror
Adhesive

High-quality adhesive for bonding all common types of mirrors with common surfaces used in construction (ceramic tiles, wood, concrete, metal, drywalls).

Applications:
- Bonding mirrors
- Bonding other finishing materials, including ceramic tiles, boards or profiles
- NOTE: An adhesive trial should be done before bonding painted glass.

Benefits:
- Excellent adhesion to most substrates
- Very high bonding strength
- Neutral to the mirror surface
- Strong initial grab
- Moisture resistant joint

Polystyrene
Adhesive

Ready-to-use adhesive recommended for bonding of polystyrene with common absorbent surfaces. Once cured, it creates a white, paintable and flexible joint.

Applications:
- Bonding absorbent substrates with:
  - decorative elements made of polystyrene, e.g. coffers or rosettes,
  - insulation materials made of polystyrene

Benefits:
- White, paintable joint
- Quick-drying
- Strong initial grab
- Excellent adhesion
- Does not contain organic solvents

Hard PVC
Adhesive

Quick-drying adhesive for bonding hard PVC as an alternative to traditional bonding methods. The adhesive locally dissolves PVC, achieving an effect equivalent to cold-welding.

Applications:
- Bonding elements of pipelines, sanitary plumbing, sewage network and pipes transporting pressurised hot and cold water
- Bonding gutters and profiles of hard PVC

Benefits:
- Can be used for edge bonding of pipes
- Joint resistant to increased water pressure
- Cured thermal resistance up to +80°C
- Increased resistance to changing weather conditions
- Convenient use: applicator (brush) fitted in the packet's cap

Roofing
Adhesive

High-quality hybrid adhesive. It is characterised by a very good final bonding strength and an excellent adhesion to common construction substrates, including metal, brick, concrete or wood. Once cured, it creates a durable and flexible joint resistant to mould and changing weather conditions. Solvent, isocyanides and water-free.

Applications:
- Bonding ceramic or steel roof tiles
- Bonding gutter elements made of copper, zinc-plated metal or PVC
- Bonding raw, varnished and zinc-plated sheet metal

Benefits:
- Strong initial grab
- Excellent adhesion to most substrates
- Very high bonding strength
- Easy application
- Does not need priming
- Durable and flexible joint
- Moisture resistant joint

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

D2
Wood Adhesive

Single-component, quick-bonding adhesive, creating a white and waterproof joint (D2 water resistance class in accordance with the PN-EN 204 standard).

Applications:
- Assembly bonding of furniture
- Bonding of different wood types
- Bonding of plywood, chipboards and other wooden materials
- Contact bonding of soft wood and chipboard
- Cold lamination of chipboards with wood-like veneer

Benefits:
- High yield (0.15-0.2 kg/m^2)
- D2 water resistance class (PN EN 204)
- Wide range of applications
- Optimal viscosity
- Once cured, it creates a durable and flexible joint
- Physiologically and ecologically neutral when fully dry
- Easy-to-use
- Working time: approx. 10 min
- Press time: 15-20 min. at the temperature of +20°C
- Full cure time: 24 h

D3
Wood Adhesive

Single-component adhesive characterised by an increased resistance of joint to moisture. Designed for both cold and hot applications. Once cured, creates a colourless, durable joint, with D3 water resistance class conforming to PN-EN 204 standard.

Applications:
- Bonding of all wood types
- Bonding of plywood, chipboards and other wooden materials
- Contact bonding of hard and tropical wood
- Bonding of bathroom and kitchen furniture

Benefits:
- High yield (0.15-0.2 kg/m^2)
- D3 water resistance class (PN EN 204)
- Wide range of applications
- Once cured, creates a durable, flexible and colourless joint
- Optimal viscosity
- Physiologically and ecologically neutral when fully dry
- Easy-to-use
- Working time: approx. 10 min.
- Press time: 15 - 20 min. at the temperature of +20°C or 2 - 3 min. at the temperature of +30°C
- Full cure time: 24 h

D4
Fast Setting Polyurethane Adhesive

Single-component, polyurethane adhesive bonding on exposure to the moisture contained in the air or in the bonded materials. Once cured, creates a durable, flexible joint resistant to a wide range of temperatures, with D4 water resistance class (according to the PN-EN 204 standard).

Applications:
- Bonding of all wood types (including exotic wood)
- Bonding of windows and doors
- Bonding of stairs
- Bonding of wooden garden furniture and bent garden elements
- Bonding boat and yacht construction elements
- Bonding of sheet metal, polystyrene and insulation materials

Benefits:
- High yield (0.12 – 0.25 kg/m^2)
- D4 water resistance class (PN EN 204)
- Quick bonding
- Wide range of applications
- Creates a durable and flexible joint
- Physiologically and ecologically neutral when fully dry
- Easy-to-use
- Working time: 5-20 min
- Press time: 1-2 hrs
- Thermal resistance from -40°C to +80°C

Shield Bond Cleaner

Shield Bond Cleaner removes any contaminates to prepare and activate the glass for succesful adhesion.

The Silane Polymer base enhaces the adhesion potential when used as the first step of our proven three step system to create a strong and durable seal.

Technical Parameters:

- Drying Time: 10 minutes
- Application Temperatures: 41°F-104°F
- Working Temperature: -40°F-194°F
- Storage conditions: 41°F-77°F in a dry place
- Shelf Life: 12 Months

Shield Bond Primer

Shield Bond Primer is an all-in-one moisture cured primer that should be used after the Shield Bond Cleaner is applied. When used as the second step in our proven three step system, it will provide superior adhesion compared to not using a primer while also protecting against UV radiation and corrosion of bare metal around the seal.

Technical Parameters:

- Drying Time: 10 minutes
- Application Temperatures: 41°F-104°F
- Working Temperature: -40°F-194°F
- Storage conditions: 41°F-77°F in a dry place
- Shelf Life: 12 Months

Shield Bond Repair

Windshield Adhesive

Shield Bond Repair is an extremely fast curing windshield adhesive that is formulated specifically for the repair industry. It has a impressive 60 minute drive away time.

Benefits:

- High Shear Modulus
- Non Conductive Properties
- Odorless & Solvent Free
- 60 Minute Drive Away Time

Technical Parameters:

- Polyurethane based
- Tool Time: 10 minutes
- Tack Free Time: 15 minutes
- Drive Away Time: 1 Hour (41-104F)
- Fully Cured: 24 hours
- Application Temperatures: 23°F-104°F
- Working Temperature: -40°F-212°F
- Storage conditions: 40°F-77°F in a dry place
- Shelf Life: 12 Months
- Standards & Approvals:
  ISO 37
  DIN 53504

Shield Bond Fast

Windshield Adhesive

Shield Bond Fast is a windshield adhesive formulated for manufacturers that need the fast drive away time. When used in the appropriate conditions it offers a 2 hour drive away time.

Benefits:

- 2 hour drive away time
- Economical Glass Bonding

Technical Parameters:

- Polyurethane based
- Tool Time: 10 minutes
- Tack Free Time: 15 minutes
- Fully Cured: 24 Hours
- Application Temperatures: 23°F-104°F
- Working Temperature: -40°F-212°F
- Storage conditions: 41°F-77°F in a dry place
- Shelf Life: 12 Months

Shield Bond Ultra

Windshield Adhesive

Shield Bond Ultra is our most versatile windshield adhesive. This polyurethane adhesive may be used as a general-purpose heavy duty adhesive for the whole-unit assembly. Shield Bond Ultra offers a 3 hour drive away time when used in the appropriate conditions.

Benefits:

- Glass to Aluminum Adhesion
- Glass to Painted Metals Adhesion
- Aluminum to Aluminum Adhesion
- Wood to Steel Adhesion

Technical Parameters:

- Polyurethane based
- Tool Time: 25 minutes
- Tack Free Time: 35 minutes
- Fully Cured: 2 days
- Application Temperatures: 41°F-104°F
- Working Temperature: -40°F-194°F
- Storage conditions: 41°F-77°F in a dry place
- Shelf Life: 12 Months

TYTAN PROFESSIONAL

BUILD WITH CONFIDENCE

Chemical Anchors

Evolution I	Chemical Anchor — polyester styrene free
Evolution II W	Chemical Anchor — winter
Evolution II	Chemical Anchor — vinylester styrene free

EV I

Chemical Anchor – polyester styrene free

A high performance, rapid curing two part chemical anchoring system. Applied in one single action this resin will produce a cost effective, strong, chemical resistant fixing.

Applications:

- Hollow Wall
- Brickwork
- Masonry and Concrete
- Weak substrates where expandable dowels can not be used

Benefits:

- Universal fixing resin
- Medium duty load applications
- Non flammable and non-hazardous
- Ideal outdoor and indoor usage
- European ETA certificate

EV I W

Chemical Anchor – winter

A high performance, rapid curing two part chemical anchoring system. Specially developed using a high reactivity resin enabling it to be used at temperatures below -18˚C. The resin has a lower viscosity than standard resins allowing it to be extruded in low temperature applications.

Applications:

- Hollow Wall
- Brickwork
- Masonry and Concrete
- Weak substrates where expandable dowels can not be used

Benefits:

- Suitable for very low temperature
- Can be extruded if both substrate and the cartridge temperature is up to -18˚C
- Medium & heavy duty load applications
- High durability
- Suitable for use on wet substrates

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

EV II

Chemical Anchor – vinylester styrene free

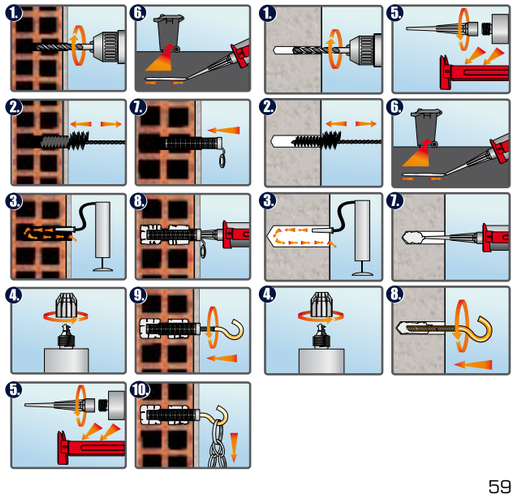
A high performance, rapid curing two part chemical anchoring system. Vinylester resin provides thermal and chemical resistance, combined with ease of use.

Applications:

- For heavy duty and critical applications in Masonry and Concrete.

Benefits:

- Universal fixing resin
- Heavy duty load applications
- Non flammable and non-hazardous
- Suitable for underwater applications
- Very high chemical resistance
- Very good thermal and mechanical properties
- European ETA certificate



TYTAN PROFESSIONAL

BUILD WITH CONFIDENCE

Wood Preservers

- 5S Wood Preserver – concentrate
- 2S Preserver for Wood Trusses – concentrate
- 3S Garden Wood Preserver – concentrate
- 4F Fire-retardant Wood Preserver – concentrate

5S
Wood Preserver – concentrate

Professional and permanent wood protection against insects and decay fungi. Multi-functional impregnation agent for both interior and exterior use.

Applications:
- Protection for the wood exposed to the weather (logs, shingles, fences, garden furniture)
- Wood impregnation
- Used in closed areas (roof truss, wood structures, wood cladding)
- The colourless version may be used as a primer for varnishes, waxes or colouring stains
- Thinning: 1:9 when applied by brushing or spraying
  1:19 when applied by dipping

Benefits:
- Contains modern biocides, effective even if applied in small volumes
- Contains penetrating agents
- Penetrates fast and deep into the wood
- Bonds permanently with the wood
- Non-corrosive to steel – does not contain any aggressive chlorides and salts

2S
Preserver for Wood Trusses – concentrate

Firm protection of the wood truss against fungal and insect attack. Preserver designed to protect the roof truss against wood rotting fungi and wood destroying insects.

Applications:
- Protection of wooden construction elements (truss, formwork)
- Contains active copper elements, which while fixing in the wood change colour from blue to olive-green
- Thinning: 1:9

Benefits:
- When dry, the impregnation agent becomes fixed in the wood and is resistant to weathering and outwashing
- Does not increase flammability of the wood
- The impregnated wood does not cause steel corrosion

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

3S
Garden Wood Preserver – concentrate

Protects wooden garden structures and furniture against biological corrosion, fungi and insects.

Applications:
- Protection of garden wood: pergolas, pickets, fences, furniture
- Thinning: 1:9

Benefits:
- Active elements of the wood preserver penetrate deep into timber and do not form a surface coating that could peel off
- Firmly merges with the wood – the protection is resistant to washing out by water
- The impregnated wood may be additionally painted with decorative paints, waxed or oiled
- Does not cause corrosion of any steel elements used in the assembly

4F
Fire-retardant Wood Preserver – concentrate

Multifunctional agent used for protecting wood against fire, insects and wood rotting fungi.

Applications:
- Protects wood and wood-based materials such as roof trusses, formwork, ceilings and walls against fire or fungi
- Thinning: 1:2,3

Benefits:
- Reduces flammability of wood
- Well-penetrating – enters up to 6 mm into the wood
- Protects against fire, fungi and insects
- Non-corrosive to metals

TYTAN PROFESSIONAL

BUILD WITH CONFIDENCE

Primers
and Anti-moisture Agents

- Universal Primer
- Universal Primer – concentrate
- Deep Penetrating Primer

- Hydrophobic Agent for Walls and Facades
- FG-1 Fungicidal Agent
- Moss and Lichen Remover

Universal
Primer

Universal emulsion primer for absorbent and porous substrates, both for interior and exterior use.

Applications:
- Priming of absorbent and porous substrates (cellular concrete, concrete, cement boards, gypsum boards, drywalls, gypsum, cement and cement-lime plasters)
- Primer for paints, plasters, wallpapers, cement jointless floors, levelling and self-levelling floors, spackling pastes, adhesives, ceramic tiles, acrylic and mineral mixtures
- Protective coating for screed
- Yield: 0.05-0.2 l/m²

Benefits:
- Perfectly evens the absorption of mineral substrates and reduces absorption of porous substrates of painted façades and walls
- Effectively reinforces the substrate to be covered with wallpaper or ceramic tiles
- Increases adhesion to the substrate
- Facilitates removal of wallpaper during renovation of rooms
- Increases flexibility and resistance to scratching

interne ale grupului Selena (expandare liberă, 23°C / UR 50%).

Universal
Primer – concentrate

Universal primer concentrate for absorbent and porous substrates, both for interior and exterior use.

Applications:
- Priming absorbent and porous substrates (cellular concrete, concrete, cement boards, gypsum boards, drywalls, gypsum, cement and cement-lime plasters)
- Primer for paints, plasters, wallpapers, cement jointless floors, levelling and self-levelling floors, spackling pastes, adhesives, ceramic tiles, acrylic and mineral mixtures
- Protective coating for screed
- Yield: 0.01-0.05 l/m²

Benefits:
- Yield even up to 400 m² , dilution 1:5
- Reduces absorption of porous substrates
- Reinforces substrates to be covered with wallpaper and tiles
- Increases adhesion to the substrate
- Facilitates removal of wallpaper during renovation
- Increases resistance and flexibility of the substrate
- For interior and exterior use

interne ale grupului Selena (expandare liberă, 23°C / UR 50%).

Deep Penetrating
Primer

Fine-particle acrylic emulsion primer for absorbent and porous substrates, both for interior and exterior use. The primer deeply penetrates into the substrate.

Applications:
- Priming absorbent and porous substrates (cellular concrete, concrete, cement boards, gypsum boards, drywalls, gypsum, cement and cement-lime plasters)
- Coating for paints, plasters, wallpapers, cement jointless floors, levelling and self-levelling floors, spackling pastes, adhesives, ceramic tiles, acrylic and mineral mixtures
- Protective coating for screed
- Yield: 0.05-0.2 l/m²

Benefits:
- Penetrates deeply into the substrate
- Increases adhesion to the substrate
- Reinforces the substrate, eliminating dusting or excessive abrasion
- Protects the substrate against damage from moisture
- Reduces absorption of porous substrates
- For interior and exterior use

Toți parametrii au fost măsurați în conformitate cu standardele interne ale grupului Selena (expandare liberă, 23°C / UR 50%).

Walls and Façades
Hydrophobic Agent

Universal, colourless agent based on silicon dispersion. It is designed to protect walls and façades against damage from water and weather.

Applications:
- Impregnation of walls and façades made of concrete, brick, gypsum or sandstone
- Protection of walls against moss and lichen
- Impregnation of gres ceramic tiles, roof tiles, ceramic bricks and setts

Benefits:
- Vapour-permeable
- Does not change the colour or structure of the substrate
- For use on any porous substrate
- Provides extra protection against the effects of frost
- Facilitates the removal of graffiti from walls

FG-1
Fungicidal Agent

Colourless wash that effectively removes and prevents the growth of fungi and mould. It can be used on paintwork and in high moisture areas.

Applications:
- Protest walls, plasters and wood, as well as substrates covered with distemper or emulsion paints
- Recommended for high-moisture areas, including swimming pools, bathrooms, washrooms and kitchens
- Yield: 0.2-0.5 l/m²

Benefits:
- Very effective, even on painted surfaces
- Practically odourless
- Prevents and removes fungi and mould
- Has excellent bioprotective and biocidal properties
- For interior and exterior use

Moss and Lichen
Remover

Colourless wash successfully removing moss, lichens and algae from any construction material. Particularly recommended for cleaning walls, façades, roof coverings and setts.

Applications:
- Cleaning of roof coverings
- Removal of moss and lichen from walls, façades and setts
- Cleaning of swimming pools, water tanks, terraces, balconies, tennis courts or boats
- Cleaning of monuments and graves
- Recommended before painting to protect paint against flaking or bubbling

Benefits:
- Removes lichen from bare, stone or plastered walls
- Does not cause corrosion of the materials it was used on, does not change its structure or appearance
- Safe to the environment

interne ale grupului Selena (expandare liberă, 23°C / UR 50%).

TYTAN PROFESSIONAL

BUILD WITH CONFIDENCE

Waterproofing Compounds

BITUMEN COMPOUNDS

- Disprobit — Dispersive Asphalt Compound
- Abizol ST — Waterproofing Compound
- Abizol 2KS — Fast Curing 2-component Waterproofing Compound
- Abizol R — Bituminous Primer
- Abizol P — Roof Maintenance Compound
- Abizol KL-DM — Cold Adhesive
- Abizol G — Elastic Bitumen Putty

NON-BITUMEN COMPOUNDS

- Hydrol 1 K Liquid Foil
- Sealing tape “TU” for Hydrol 1 K Liquid Foil
- Hydrol 2K Waterproofing Mortar
- Tape “TPER” for Hydrol 2K Waterproofing Mortar

Disprobit
Dispersive Asphalt Compound

Dispersive asphalt compound modified with synthetic rubber

Applications:
- Renovation and maintain of roof coverings made of roof felts,
- Hydrophobic coatings on terraces and external walls,
- Priming under abizol ST, Abizol 2KS .

Benefits:
- Works on dry and moisten surfaces
- Does not flow down the vertical surfaces
- Contains no solvents

Abizol ST
Waterproofing Compound

Dispersive asphalt rubber compound for hydro-insulations and gluing polystyrene boards to waterproof coatings.

Applications:
- Gluing polystyrene and extrude boards to concrete, masonry walls
- Hydrophobic insulations of underground parts of the building
- Hydrophobic insulations under floor pavements on terraces, balconies.

Benefits:
- Elastic
- Tixotropic -does not flow down the vertical surfaces
- Contains no solvents

Abizol 2KS
Fast Curing 2-component Waterproofing Compound

2-component fast drying liquid membrane reinforced with fibers and with additive of poly-styrene balls for waterproofing of foundations.

Applications:
- Waterproofing of foundations against infiltration and underground water
- Adhesive for polystyrene boards

Benefits:
- Quick hardening by chemical reaction (3-5hours)
- Waterproof under water pressure
- Easily workable with trowel
- Low shrink

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Abizol R
Bituminous Primer

Bituminous compound slightly modified with synthetic rubber with special additives that allow deep substrate penetration and use on slightly moisten substrates.

Applications:
- Priming concrete substrates before covering with hydrophobic coatings
- Prime under hot-applied roof felts

Benefits:
- Works even on slightly moisten surfaces
- Deeply penetrates the substrate
- Resistant for weak acids and bases

Abizol P
Roof Maintenance Compound

Cold-applicable bituminous compound modified with synthetic rubber and resins designed for roof maintenance and jointless hydrophobic insulations.

Applications:
- Maintenance and renovation of bitumen felts
- Hydroinsulation coating

Benefits:
- Works even on moisten surfaces
- Creates elastic coats
- Very good adhesion to old bitumen felts, metal, concrete

Abizol KL-DM
Cold Adhesive

Cold adhesive for bitumen felts and for hydro-phobic insulations.

Applications:
- Bonding the roof paper to various substrates
- Bonding roof paper layers in multilayer hydropho-bic insulations
- Creating jointless hydrophobic insulating coats

Benefits:
- Works on slightly moisten surfaces
- Strongly bonds felt with the substrate
- Permanently elastic additional hydrophobic layer

Abizol G
Elastic Bitumen Putty

Elastic, dense bitumen putty modified with synthetic rubber and reinforced with fibres.

Applications:
- Filling gaps and joints in roof coverings
- Repair gluing of roof felt (on small areas)
- Sealing the joints in metal flashings
- Non - Bitumen Compounds

Benefits:
- Contains reinforcing fibers
- Absorbs significant vibrations of surface
- Works even on moisten surfaces

Hydrol 1K
Liquid Foil

Flexible, jointless sealing foil. Perfectly protects against moisture and unpressurised water.

Applications:
- Jointless sealing of absorbent and porous substrates, including mineral and concrete surfaces, cement jointless floors, walls, plasters, wood-based board, gypsum fibreboards or drywalls
- Creates a tight basecoat for ceramic tiles
- Insulation of spaces exposed to temporary moisture (kitchens, bathrooms, shower cubicles, washrooms, basements)
- Yield: 1.3-2 kg/m^2

Benefits:
- Creates a flexible, durable substrate
- Resistant to the damage from moisture
- Covers scratches of the substrate
- Good adhesion
- For interior and exterior use

Sealing Tape "TU"
for Liquid Foil

Effectively protects joints against penetration by water and moisture.

Applications:
- For flexible and waterproof protection of corners, edges, dilatation joints, floor cracks or pipe passages. Used together with the Liquid Foil, protects against water and moisture in such applications as terraces, balconies, washrooms, kitchens or bathrooms
- For mineral and concrete surfaces, cement and anhydrite jointless floors (including those with underfloor heating); floors, cement, cement-lime or gypsum plasters, as well as drywalls, gypsum fibreboards or wood-based boards

Benefits:
- Can be used with any tile application method
- Ensures waterproofing in the areas exposed to temporary moisture
- Flexible and durable sealing

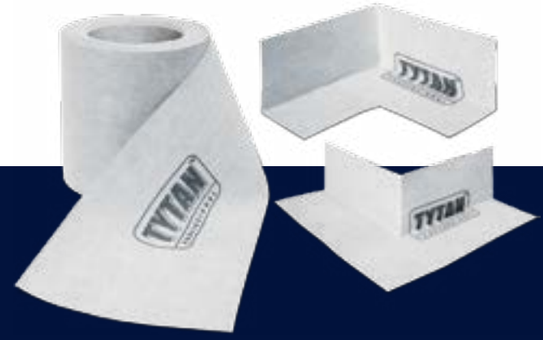
TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Hydrol 2K
Waterproofing Mortar

Two-component flexible waterproofing mortar, resistant to positive and negative water pressure. Quick setting. Resistant to frost and ageing. Approved for contact with drinking water. Resistant to aggressive chemical environments. Environmentally friendly, contains no solvents.

Applications:
- Waterproof coating for terraces and balconies
- Insulation of internal and external basement walls and foundations (up to 5 meters below ground water)
- Hydro-insulation in damp and wet areas, including: swimming pools, washrooms, showers or bathrooms
- Hydro-insulation coating for garden ponds or industrial water tanks
- Protection of sockles against the damaging effects of salt solutions
- For use on concrete, cement or brick substrates, cement jointless floors, cement or cement-lime plasters
- For interior and exterior use

Benefits:
- Creates a flexible, durable substrate
- Can be applied on very damp substrates
- Water-repellent, even if in constant contact with water
- Can be applied in basements up to 5 meters below ground level
- Crack-bridging ability
- Creates a flexible waterproof membrane
- Transfers load from the terrace – highly flexible coating
- Very good adhesion to the substrate
- Resistant to scratching, good load capacity and high vapour permeability



Tape "TPER"
for Hydrol 2K

Effectively protect joints against penetration by water and moisture. It is characterised by a high flexibility, resistance to aggressive media and vapour permeability. With its excellent technical parameters, it can be used for insulation applications in different environments, including on terraces, balconies, in swimming pools, water tanks or wet areas.

Applications:
- For flexible and waterproof protection of corners, edges, dilatation joints, floor cracks or pipe passages. Used together with HYDRO 2K for insulation, hydro-insulation or moist-insulation
- Can be used in underground parts of buildings (for vertical and horizontal insulations), as well as in "heavy duty" applications on terraces, balconies , loggias, in swimming pools and drinking water tanks

Benefits:
- Can be used with any tile application method
- Seals corner grouts in wet areas, swimming pools or water tanks
- Ensures waterproofing
- Flexible and durable sealing

Foils, Membranes and Tapes

FOILS

- Damp-proof Insulation Foil, black
- Vapour-proof Insulation Foil, yellow
- Black Foil
- Yellow Foil
- Dimpled Drainage Membrane
- Foil for Horizontal Insulation of Foundations
- Fibre Glass Rendering Mesh
- Protective Foil

MEMBRANES

- 110 Vapour-permeable Foil
- TYTAN 3000 Roof Membrane
- TYTAN 3000 plus Roof Membrane

TAPES

- Acoustic Insulation Tape PE
- Anti-scratch Tape
- Drywall Tape
- Fibreglass Tape
- Masking Tape
- PVC Tape for painting
- Duct Tape
- Double-sided Carpet Tape for Floor Coverings
- Mounting Foam Tape
- Aluminum Tape
- Aluminium PP Tape
- Bathroom Mounting Tape
- Packaging Tape
- Caution Tape
- Roofing Sealing Tape




Damp-proof
Insulation Foil, black

High-quality flexible foil protecting the building against moisture. Also used to protect façades and materials, and to secure work areas during construction works.

Applications:
- Protects buildings against moisture
- Creates a damp-proof layer under floors, screeds, levelling compounds
- Protects thermal and acoustic insulation against damage from moisture
- Temporary protection of roof decks
- Cover for façades and windows
- Can be used as a cover for work areas and building materials

Benefits:
- Resistant to water vapour
- Tear-resistant
- Easy-to-apply
- Supreme protection against the external weather conditions

Vapour-proof
Insulation Foil, yellow

High-quality flexible foil used as anti-vapour and anti-moisture material. Combined with the TYTAN 3000 roof membrane, it provides an excellent protection against moisture.

Applications:
- Vapour insulation in wall and roof frame structures
- Protection of thermal and acoustic insulation against moisture
- Vertical insulation of buildings
- Ant-moisture layer for floors
- Temporary protection of roof decks

Benefits:
- Flexible and durable
- Crack-resistant
- Supreme protection against the external weather conditions

Black Foil

High-quality flexible foil designed for protection of building parts during construction and finishing works. It can also be used as a cover to building materials and excavations against the elements.

Applications:
- Cover for façades and windows
- Can be used as a tarpaulin for work areas and building materials
- Protection of building materials and excavations
- Temporary anti-moisture protection for thermal and acoustic insulation

Benefits:
- Tear-resistant
- Easy-to-apply and remove
- Supreme protection against the external weather conditions

Yellow Foil

Very durable, flexible foil primarily designed for protection and insulation purposes.

Applications:
- Cover for structures, scaffolding and parts exposed to damage during construction
- Protection of façades, building materials, work areas and excavations during construction and finishing works
- Installation of vapour barriers during painting and plastering work
- Insulation for flooring panels

Benefits:
- Vapour-resistant properties
- Easy-to-apply
- Supreme protection against the external weather conditions

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE




Dimpled
Drainage Membrane

Flexible film for vertical hydro-insulation of foundations and for protection against mechanical damage.

Applications:
- Protects the building parts in contact with the ground
- Protects escarpments
- Ensures ventilation between the wall and the ground
- Replaces lean concrete

Benefits:
- Does not decay
- Does not affect drinking water quality
- Resistant to impact
- Resistant to pressure, tearing, breaking, abrasion or puncture
- Its appearance is not affected by time or external conditions
- Resistant to fungi, soil bacteria or chemicals
- The air gap technology levels off the moisture pressure eliminating destructive hydrostatic pressure
- High compression-resistance helps prevent damage resulting from terrain movements or excavation backfills
- Increased ventilation of the internal surface ensures that the structure dries faster
- Easy application and immediate effect
- Application possible in any weather conditions

Foil
for Horizontal Insulation of Foundations

Flexible foil for vertical waterproof insulations in buildings. It can also be used to protect foundations and walls against capillary moisture.

Applications:
- Water insulation for both deep and shallow foundations (with the floor at the ground level)
- Protecting building foundations and walls against capillary moisture
- Moisture insulation

Benefits:
- Flexible
- Waterproof
- Resistant to tearing, breaking and abrasion
- Does not decay
- Resistant to pressure and impact
- Resistant to chemicals and fungi
- Poses no risk to drinking water
- Available in many sizes
- Easy-to-apply (also on building edges)

Fibre Glass
Rendering Mesh

Rendering mesh used for reinforcing in ETICS systems.

Applications:
- Reinforcement for external light-wet insulations
- Support for jointless insulation on the substrates exposed to temporary moisture
- Yield: roll / 50 m²

Benefits:
- Ensures jointless finish
- Protects surface against cracking

Protective
Foil

Foil used to protect objects, floors, etc. against soiling or dust during any renovation work.

Benefits:
- Protects against soiling
- Tear-resistant

110
Vapour-permeable Foil

Flexible foil providing an excellent protection against rain and wind. With a micro-perforated layer, the foil removes vapour from the ventilated area of pitched roofs.

Applications:
- Protects all kinds of roof coverings against water ingress
- Protects insulation coatings against moisture
- Removes water vapour from the insulation layer

Benefits:
- Vapour-permeable
- Wind-resistant and waterproof
- Reinforced for superior tear resistance
- UV-stable

Tytan 3000
Roof Membrane

Flexible membrane with high vapour-permeability. Provides excellent protection against moisture and water ingress. Transports moisture outside while keeping water from seeping inside.

Applications:
- For roof coverings of any type, excluding fully boarded
- Removes water vapour from the insulation layer
- Keeps water from seeping onto the roof frame
- Wind insulation of walls in frame structures

Benefits:
- High vapour permeability (3000 g/m^2/ 24 h)
- Diffusion resistance (Sd>0.02 m) that enables the film to be applied to the thermal insulation
- Waterproof (resistant to a water column of 3,000 mm)
- Tear-resistant
- Light and durable
- UV-stable (3 months)
- Has an antireflective fabric to prevent light reflections
- 3-layer

Tytan 3000 plus
Roof Membrane

Flexible membrane characterised by a high vapour-permeability and strong durability. Provides an excellent protection against moisture and water intrusion. Transports moisture outside while keeping water from seeping inside.

Applications:
- For roof coverings of any type, including fully boarded
- Removes water vapour from the insulation layer
- Keeps water from seeping onto the roof frame
- Wind insulation of walls in frame structures

Benefits:
- High vapour permeability (3000 g/m2/24 h)
- Diffusion resistance (Sd <0.02 m) that enables the film to be applied directly to thermal insulation
- Waterproof (resistant to a water column of 3,000 mm)
- Durable, tear-resistant
- UV-stable (3 months)
- Has an antireflective fabric to prevent light reflections
- 3-layer

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Acoustic
Insulation Tape PE

Acoustic insulation foam tape helps absorb the sound that passes between partition walls and the floor. It is made of flexible 3 mm polyurethane foam.

Applications:
- Eliminates the effects of transmission of vibrations from the building onto the dry construction profiles of partition walls and ceilings
- Seals joints between drywall partition walls and ceilings
- Seals joints between U and C profiles and their supporting structures

Benefits:
- Flexible
- High soundproofing performance
- Strong resistance to ageing
- Self-adhesive

Anti-scratch
Tape

Single-sided adhesive tape. It is used for covering and repairing scratches or cracks in plaster on walls and ceilings before application of paint or wallpaper. It can be covered with paint or wallpaper adhesives.

Applications:
- Montarea profesională a uşilor şi ferestrelor
- Umplerea rosturilor de dilataţie
- Izolare fonică şi termică
- Îmbinări în construcţia ramelor

Benefits:
- Excelled adherence
- Masks and prevents cracks
- Easy-to-apply

Drywall
Tape

Single-sided adhesive tape made of fibreglass mesh. It is used for reinforcing joints between drywalls to prevent cracks and to patch or repair gaps and cracks in the plaster on walls and ceilings.

Benefits:
- Resistant to UV-radiation and moisture
- For interior and exterior use
- Tear-resistant
- Easy-to-apply

Fibreglass
Tape

Non-adhesive fibreglass tape. Used to join drywalls and to cover up cracks and cavities in walls and ceilings.

Benefits:
- Adheres very well
- Covers and prevents cracks
- Easy-to-apply

Masking
Tape

Single-sided adhesive tape with a crepe paper backing commonly used for covering edges or surfaces during paining, varnishing, siloconing or other construction and finishing works.

Benefits:
- Protects against dirt
- Does not leave adhesive residue
- Easy-to-apply

PVC Tape
for Painting

Single-sided adhesive tape made of PVC. Used to protect edges and surfaces during painting, varnishing, siliconing or other renovation works, particularly outdoors.

Applications:
- Bonding and fastening
- Joining insulation materials

Benefits:
- Resistant to UV-radiation
- For exterior and interior use
- Does not leave adhesive residue
- Tear-resistant

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Duct Tape

Easy-to-use, single-sided cloth tape with an increased strength and a wide range of applications. It is highly resistant to weather conditions, ageing, moisture and temperature. Perfectly adheres to the substrate.

Applications:
- Joining insulation materials
- Any type of repairs, sealing or fastening

Benefits:
- For quick repairs
- Durable and firm bonding
- Easy-to-apply

Double-sided
Carpet Tape for Floor Coverings

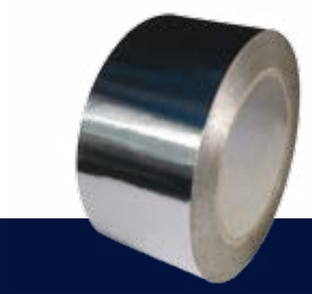
Double-sided tape with a polypropylene film backing. Used for fixing floor coverings, carpets and rugs with smooth backings. It can also be used to fix other materials with smooth surfaces to any typical construction substrates.

Benefits:
- Can be used in the areas with underfloor heating
- Ideal for fixing rugs on stairs

Mounting
Foam Tape

Double-side mounting tape based on flexible polyethylene foam. Used for mounting light bathroom mirrors and sticking decorative elements to furniture. Recommended for fixing handles and hooks to smooth surfaces.

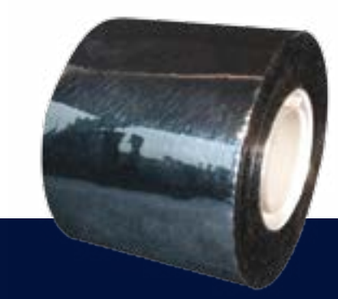
Benefits:
- Ideal for joining elements with uneven surface
- Highly resistant to moisture and high temperature



Aluminium
Tape

Single-sided tape based on pure aluminium, used for sealing joints in ventilation, air-conditioning and heating ducts. Also recommended for repairs and regeneration of decorative aluminium elements.

Benefits:
- High thermal resistance (up to +150°C)
- Durable sealing



Aluminium PP
Tape

Single-sided tape with a polypropylene film backing, metallised with aluminium. Used for different technical applications in construction works and in the household. Recommended for sealing joints between insulation materials in ventilation and air-conditioning ducts, and for regeneration of decorative aluminium elements. Colour: silver

Benefits:
- High thermal resistance (up to +100°C)
- For construction, automotive and household use

Bathroom
Mounting Tape

Easy-to-use, single-sided tape for decorative sealing of bathroom fittings (bathtub, washbasin and shower tray rims). The product is profiled for easy installation, and has an improved adhesive strength. It gives an attractive finish. Waterproof, fungi and mould resistant.

Benefits:
- Perfect white
- Easy-to-apply
- Waterproof adhesive
- Superior resistance to soiling
- Full sealing effect usually within 24 hours
- High resistance to mould

TYTAN PROFESSIONAL BUILD WITH CONFIDENCE

Packaging
Tape

Packaging tape used for sealing, marking and fast repair of cardboard packaging, boxes, envelopes, etc.

Benefits:
- Resistant to tearing and abrasion
- Strong adherence to the substrate

Caution
Tape

Red and white tape used for marking out hazardous areas, construction sites or restricted access areas.

Benefits:
- Easy-to-use
- Durable

Roofing
Sealing Tape

Self-adhesive bituminous insulating tape with a protective aluminium layer used for quick waterproofing in roof and general construction works. Perfect adhesion also at low temperatures.

Applications:
- Roof fleshings
- Sealing seams, crevices and gaps in roof coverings
- Sealing external window sills, roof windows, gutters and downpipes
- Sealing of joints between different roofing substrates - porous and smooth

Benefits:
- Instant sealing effect
- Resistant to frost, UV radiation and changing weather conditions
- Self-amalgamating

matizol®
A shield for roof & foundations

Roofing Membranes and Shingles

ROOFING MEMBRANES

- Matizol Fundament SBS
- Gordach Extra WZ PYE PV 200 S 52
- Gorbit Super WZ PYE PV 150 S 48
- Gorbit Standard PZ PYE PV 140 S 30
- Gordach Mono Extra WZM PYE PV 250 S 56
- Welplast Super WV 60 PYE S 42
- Welplast PV 60 S 35
- Matizol Max WZ PYE PV 250 S 52
- Matizol PYE G 200 S 4

SHINGLES

- Asphalt Shingles

Fundament SBS

Roofing Membrane

Heat-weld bitumen insulation membrane with a polyester backing. SBS modified.

Applications:

- For heavy-duty waterproofing of vertical and horizontal elements of foundations, basements, walls

Benefits:

- Excellent physical and chemical properties due to the type of backing used
- Highly tensile, resistant to piercing or cracking resulting from surface movements
- Superior biological resistance

Gordach Extra

WZ PYE PV 200 S 52
Roofing Membrane

Heat-weld asphalt insulation membrane with a polyester backing used as an external coating. SBS modified.

Applications:

- Applied as an external coating for multi-layer roof coverings
- For new and renovated roof coverings

Benefits:

- Excellent physical and chemical properties due to the type of backing used
- Highly tensile, resistant to piercing or cracking resulting from surface movements
- Superior biological resistance

Gorbit Super

WZ PYE PV 150 S 48
Roofing Membrane

Heat-weld bitumen insulation membrane with a polyester backing used as an external coating. SBS modified.

Applications:

- Applied as an external coating for multi-layer roof coverings
- For new and renovated roof coverings

Benefits:

- Excellent physical and chemical properties due to the type of backing used
- Highly tensile, resistant to piercing or cracking resulting from surface movements
- Superior biological resistance

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Gorbit Standard

PZ PYE PV 140 S 30
Roofing Membrane

Heat-weld asphalt insulation and underlayment membrane with a polyester backing. SBS modified.

Applications:

- Applied as base coating for multi-layer roof coverings
- For new and renovated roof coverings
- For water insulation in multi- and single-layer systems, in wall structures, and on / under floors or boards having contact with the ground as a protection against water under hydrostatic pressure, passing from the ground into the interior or from one part of the building to another

Benefits:

- Excellent physical and chemical properties due to the type of backing used
- Highly tensile, resistant to piercing or cracking resulting from surface movements
- Superior biological resistance

Gordach Mono Extra

WZM PYE PV 250 S 56
Roofing Membrane

Heat-welt membrane with a polyester fibre-based backing. SBS modified. Used as a top coating and for single-layer roof coverings.

Applications:

- For single-layer roof coverings
- Applied as an external coating for multi-layer roof coverings
- For new and renovated roof coverings

Benefits:

- Excellent physical and chemical properties due to the type of backing used
- Highly tensile, resistant to piercing or cracking resulting from surface movements
- Superior biological resistance

Welplast Super

WV 60 PYE S 42
Roofing Membrane

Heat-weld bitumen membrane with a fibreglass veil backing used as an external coating. SBS modified.

Applications:

- Applied as an external coating for multi-layer roof coverings
- For new and renovated roof coverings

Benefits:

- Increased flexibility
- Increased durability
- Superior biological resistance

Welplast

PV 60 S 35 super montaż
Roofing Membrane

Heat-weld bitumen insulation and underlayment membrane with a fibreglass veil backing. SBS modified.

Applications:

- Applied as base coating for multi-layer roof coverings
- For new and renovated roof coverings
- For moisture insulation in multi- and single layer systems - on / under floors or tiles having contact with the ground or in walls as a protection against water without hydrostatic pressure, passing from the ground into the interior

Benefits:

- Increased durability
- Superior biological resistance

Matizol Max

WZ PYE PV 250 S 52 super montaż
Roofing Membrane

Heat-weld bitumen insulation membrane with a polyester backing used as an external coating. SBS modified.

Applications:

- For single-layer roof coverings
- Applied as an external coating for multi-layer roof coverings
- For new and renovated roof coverings

Benefits:

- Excellent physical and chemical properties due to the type of backing used
- Highly tensile, resistant to piercing or cracking resulting from surface movements
- Superior biological resistance

Matizol PYE

G 200 S 4 super montaż
Roofing Membrane

Heat-weld bitumen underlayment membrane with a fibreglass fabric backing. SBS modified.

Applications:

- As a base coating in multi-layer roof coverings
- For new and renovated roof coverings

Benefits:

- Excellent physical and chemical properties due to the type of backing used
- Highly tensile, resistant to piercing or cracking resulting from surface movements
- Superior biological resistance

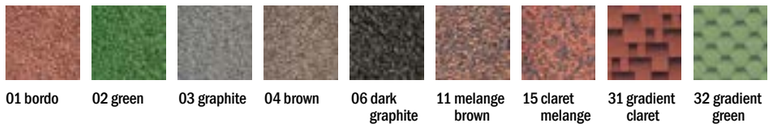
matizol® A shield for roof & foundations

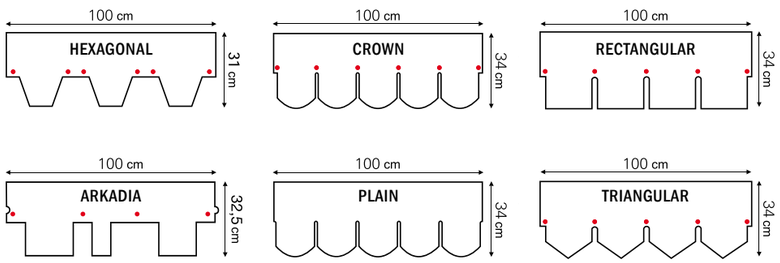
Asphalt Shingles

Asphalt shingles, also called bituminous roof tiles, are a common roofing material used for covering new and renovated roofs. They are used on sloping roofs, with a slope of 12-75°, in single-family or multi-family houses, or industrial structures. Matizol shingles have backing made of high-quality fibreglass veil, covered on both sides with a weather and ageing resistant bituminous coating. The top side of the coating is covered with mineral granules. The base side is fully covered with asphalt to ensure strong adhesion to the surface. The base side of the shingles is protected with a plastic film, which is removed before installation. Selena also offers Matizol SBS shingles made of SBS modified asphalt mass.

Benefits:

- The whole base side of the shingles is covered with asphalt, which ensures that the individual roof coatings adhere to each other on the whole surface and provides good hydro-insulation performance
- Various shingle shapes and colours of the granules
- Maintenance-free
- Installation does not require specialist equipment
- Long-life, supported with a 10-year warranty
- Add little weight to the roof structure
- Flexible
- Perfect for pitched roofs – keep the asphalt from sliding down the shingles
- Resistant to UV-radiation
- High acoustic insulation





Insulation Systems

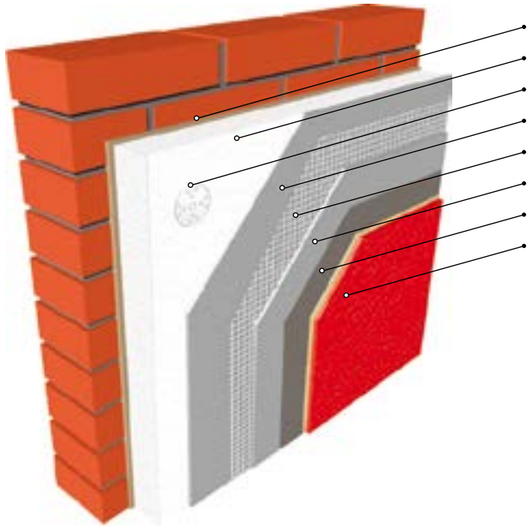
OVERVIEW OF TYTAN EOS SYSTEMS

- Thermal Insulation System Tytan E FLEXIBLE / durable
- Thermal Insulation System Tytan O BREATHABLE / natural
- Thermal Insulation System Tytan S SELF-CLEANING / pearlescent
- Thermal Insulation System Tytan ES FLEXIBLE/durable - SELF- CLEANING /pearlescent
- Thermal Insulation System Tytan EO FLEXIBLE / durable - BREATHABLE / natural
- Thermal Insulation System Tytan EOS FLEXIBLE/durable - BREATHABLE /natural - SELF- CLEANING/pearlescent

TYTAN EOS PRODUCTS

- E118 Adhesive for Gluing EPS Boards
- E128 Adhesive and Reinforcing Mortar
- EO328 Adhesive and Reinforcing Mortar
- EOS728 White Adhesive and Reinforcing Mortar
- E138 Acrylic Primer Paint
- EO338 Colloidal Silica Primer Paint
- EOS738 Silicone Primer Paint
- OS538 Primer Paint under Mineral Plaster
- E148N Acrylic Facade Plaster - spray applied
- E148 Acrylic Facade Plaster
- EO348N Colloidal Silica Facade Plaster - spray applied
- EO348 Colloidal Silica Facade Plaster
- EOS748N Silicone Facade Plaster - spray applied
- EOS748 Silicone Facade Plaster
- E248 Mosaic Decorative Plaster
- OS548 Mineral Facade Plaster
- E168 Acrylic Penetration Primer
- EO368 Colloidal Silica Penetration Primer
- EOS768 Silicon Penetration Primer
- E158 Acrylic Facade Paint
- EO358 Colloidal Silica Facade Paint with Photocatalytic Effect
- EOS758 Silicone Facade Paint with Photocatalytic Effect
- Facade Acrylic for Grouting and Sealing
- E48 Winter Additive for Plaster and Paint
- Reference Buildings

E FLEXIBLE/durable



Adhesive **E** for gluing EPS

EPS board

Thermal insulation fasteners TYTAN FIXING SYSTEMS

Adhesive and reinforcing mortar **E** for gluing EPS and mesh submerging

TYTAN **EOS** fibre glass net 145 or 160

Adhesive and reinforcing mortar E for gluing EPS and mesh submerging

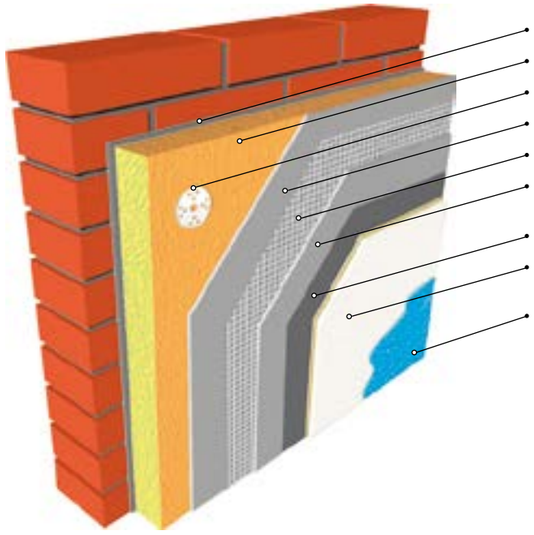
Acrylic primer paint **E**

Acrylic façade plaster **E**:
- Stone texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm
- Rustic texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm
- SPRAY APPLIED Stone texture 1.5 mm

The application of plaster E provides a substrate that is flexible and resistant to deformation and load. With an unlimited colour range and the various textures available, any building can be made to look very attractive.

ITB Technical Approval: AT-15-7286/2007

O BREATHABLE/natural



Adhesive and reinforcing mortar **O** for gluing mineral wool and mesh submerging

Mineral wool board

Thermal insulation fasteners TYTAN FIXING SYSTEMS

Adhesive and reinforcing mortar **O** for gluing mineral wool and mesh submerging

TYTAN **EOS** fibre glass net 145 or 160

Adhesive and reinforcing mortar **O** for gluing mineral wool and mesh submerging

Primer paint **OS** under mineral plaster

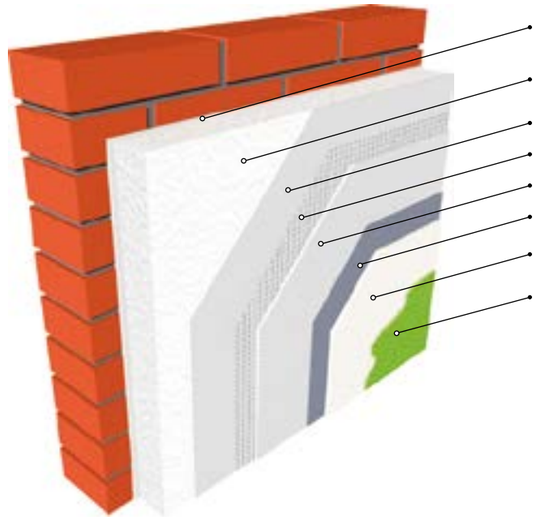
Mineral façade plaster **OS**:
- Stone texture 1.5 mm; 2.0 mm; 3.0 mm
- Rustic texture 2.0 mm; 3.0 mm

Silicate facade paint **EO**

The mineral wool boards of increased vapour permeability combined with the **OS** façade plaster provide a facade layer facilitating moisture exchange with the atmosphere due to exceptionally high vapour permeability.

ITB Technical Approval: AT-15-7284/2007

S SELF-CLEANING/pearlescent



White adhesive and reinforcing mortar **EOS** for insulation boards gluing and mesh submerging

EPS board

White adhesive and reinforcing mortar **EOS** for insulation boards gluing and mesh submerging

TYTAN **EOS** fiber glass net 145 or 160

White adhesive and reinforcing mortar **EOS** for insulation boards gluing and mesh submerging

Primer paint **OS** under mineral plaster

Mineral façade plaster **OS**:
- Stone texture 1.5 mm; 2.0 mm; 3.0 mm
- Rustic texture 2.0 mm; 3.0 mm

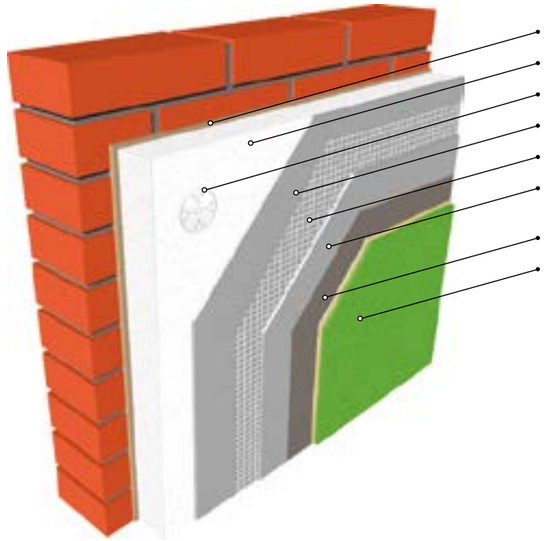
Silicone facade paint **EOS**

EOS facade paint features highly processed, modern compounds, which makes the paint coating self- cleaning and protects facade surface against ambient moisture.

ITB Technical Approval: AT-15-7286/2011

E FLEXIBLE/durable

S SELF- CLEANING/pearlescent



Adhesive **E** for gluing EPS

EPS board

Thermal insulation fasteners TYTAN FIXING SYSTEMS

Adhesive and reinforcing mortar **E** for gluing EPS and mesh submerging

TYTAN **EOS** fibre glass net 145 or 160

Adhesive and reinforcing mortar **E** for gluing EPS and mesh submerging

Silicone primer paint **EOS**

Silicone façade plaster **EOS**:
- SPRAY APPLIED Stone texture 1.5 mm
- Stone texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm
- Rustic texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm

Application of the Silicon facade plaster **EOS** guarantees obtaining a façade that is flexible and resistant to dirt. Low surface absorbability and self-cleaning properties make the system ideal for buildings of high aesthetic qualities.

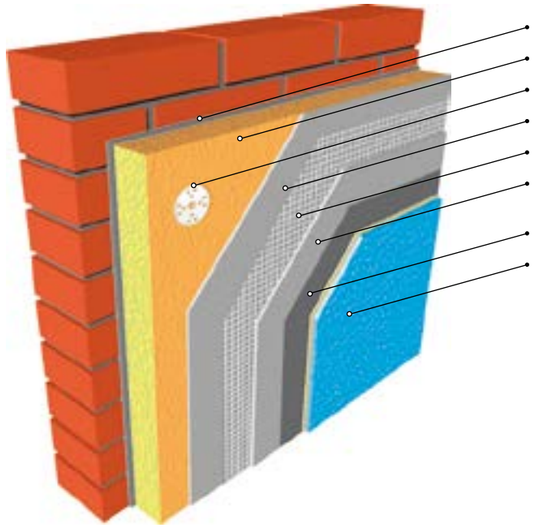
ITB Technical Approval: AT-15-7286/2007

TYTAN PROFESSIONAL

EOS INSULATION SYSTEMS

E FLEXIBLE/durable

O BREATHABLE/natural



Adhesive and reinforcing mortar O for gluing mineral wool and mesh submerging

Mineral wool board

Thermal insulation fasteners TYTAN FIXING SYSTEMS

Adhesive and reinforcing mortar O for gluing mineral wool and mesh submerging

TYTAN EOS fibre glass

Adhesive and reinforcing mortar O for gluing mineral wool and mesh submerging

Colloidal Silica primer paint EO

Colloidal Silica façade plaster EO: -SPRAY APPLIED Stone texture 1.5 mm
- Stone texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm
- Rustic texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm

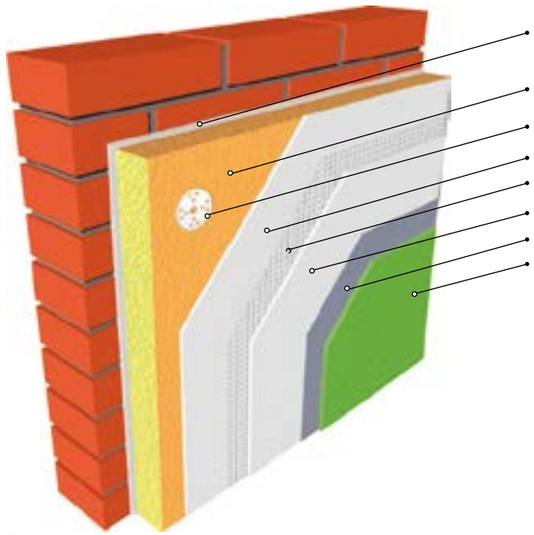
The innovative technological solutions used in the production of the Colloidal Silica plaster EO resulted in obtaining a silicate compound of high flexibility. The whole system is characterized by high vapour permeability.

ITB Technical Approval: AT-15-7284/2007

E FLEXIBLE/durable

O BREATHABLE/natural

S SELF- CLEANING/pearlescent



Adhesive and reinforcing mortar O or White adhesive and reinforcing mortar EOS for gluing mineral wool, EPS and mesh submerging

Mineral wool board

Thermal insulation fasteners TYTAN FIXING SYSTEMS

Adhesive and reinforcing mortar O or White adhesive and reinforcing mortar EOS

TYTAN EOS fiber glass

Adhesive and reinforcing mortar O or White adhesive and reinforcing mortar EOS

Silicone primer paint EOS

Silicone façade plaster EOS: - SPRAY APPLIED Stone texture 1.5 mm
- Stone texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm
- Rustic texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm

Application of Silicon façade plaster EOS guarantees obtaining a façade that is flexible and resistant to dirt. The low surface absorbability and self-cleaning properties make the system ideal for buildings of high aesthetic qualities. The whole system is characterized by high vapour permeability.

ITB Technical Approval: AT-15-7284/2007

TYTAN PROFESSIONAL

EOS INSULATION SYSTEMS

E118
Adhesive for Gluing EPS Boards

Adhesive E is used for bonding polystyrene foam boards in jointless thermal insulation systems of external walls of buildings by light wet method.
It can be used both for newly constructed buildings and buildings subjected to thermorenovation. It can be used on typical substrates such as concrete, cement plaster, cement and lime plaster, sandstone and also for raw surfaces made of brick, concrete blocks, hollow blocks and other similar ceramic or lime-sand materials. The polystyrene foam boards glued require additional fixing with mechanical fasteners. This adhesive can be used internally and externally.

Benefits:
- increased adhesion
- contains cellulose fibres
- frost resistant

Technical parameters:

- Consumption	3-4kg/m²
- Adhesive volume after mixing with water	approx. 17.0 l out of 25 kg
- Chromium content (IV)	< 0.0002%
- Mixing ratios (water volume per bag)	approx. 5.5 l / 25 kg
- Application temperature (substrate, air and materials)	> +5ºC
- Maturing time	5 min
- Pot life of a water mix	1.5 h
- Drying time	1-3 days
- Complete setting time	28 days
- Adhesion to insulation layer	≥ 0.1 N/mm² (breaking force)
- 25 kg bag coverage	approx. 7.3 m²

E128
Adhesive and Reinforcing Mortar for Gluing EPS Boards and Mesh Submerging

Adhesive and reinforcing mortar E is used for bonding polystyrene foam boards and providing a reinforcing layer in jointless thermal insulation systems of external walls of buildings by light wet method as well as for levelling surfaces to be covered by decorative thin-layer plaster. It can be used both for newly constructed buildings and buildings subjected to thermo renovation.

It can be used on typical substrates such as concrete, cement plaster, cement and lime plaster, sandstone and also for raw surfaces made of brick, concrete blocks, hollow blocks and other similar ceramic or lime-sand materials. It can be used internally and externally. This adhesive mortar combined with reinforcing mesh is an ideal tool for renovation of old buildings.

Benefits:
- highly flexible
- increased adhesion
- contains cellulose fibres
- frost resistant

Technical parameters:

- Colour	grey
- Consumption	1.45 kg/mm/m²
- Reinforcing layer thickness	3-4 mm
- Mortar volume after mixing with water	approx. 17.2 l out of 25 kg
- Mixing ratios (water volume per bag)	approx. 5.5 l / 25 kg
- Application temperature (substrate, air and materials)	from +5ºC to +25ºC
- Maturing time	5 min
- Pot life of a water mix	2 to 3 h
- Time to elapse before application of another layer layer thickness Sagging	1 day per each 1 mm of none
- Adhesion to insulation layer	≥ 0,1 N/mm² (breaking force)
- 25 kg bag coverage	approx. 7.3 m²

EO328

Adhesive and Reinforcing Mortar for Gluing Mineral Wool and Mesh Submerging

Adhesive and reinforcing mortar O is used for bonding mineral wool boards and providing a reinforcing layer in jointless thermal insulation systems of external walls of buildings by light wet method, as well as for levelling surfaces to be covered by decorative thin-layer plaster. It can be used both for newly constructed buildings and buildings subject to thermo renovation.

Properties:

It can be used on typical substrates such as concrete, cement plaster, cement and lime plaster, sandstone and also for raw surfaces made of brick, concrete blocks, hollow blocks and other similar ceramic or lime-sand materials. It can be used internally and externally. This adhesive mortar combined with reinforcing mesh is an ideal tool for renovation of old buildings.

Benefits:

- higher vapour permeability
- increased flexibility
- polypropylene fibre reinforced
- frost resistant
- high adhesion to mineral substrates and wool

Technical parameters:

- Consumption	1.45 kg/mm/m^2
- Reinforcing layer thickness	3-7 mm
- Adhesive mortar volume after mixing with water	approx. 17.2 l out of 25 kg
- Mixing ratios (water volume per bag)	approx. 5.5 l / 25 kg
- Application temperature (substrate, air and materials)	from +5°C to +25°C
- Maturing time	5 min
- Pot life of a water mix	up to 2 h
- Time to elapse before application of another layer	1 day per each 1 mm of layer thickness
- Adhesion to insulation layer	≥ 0.1 N/mm^2 (breaking force)
- 25 kg bag coverage rate	approx. 5.0-6.0 m^2

EOS728

White Adhesive and Reinforcing Mortar for Gluing Mineral Wool and Polystyrene Foam, Mesh Submerging and Plaster Renovation

The white adhesive and reinforcing mortar EOS is used for bonding mineral wool and polystyrene foam boards and providing a reinforcing layer in jointless thermal insulation systems of external walls of buildings by light wet method. It is also used for levelling surfaces to be covered by decorative thin-layer plaster. It can be used both for newly constructed buildings and buildings subjected to thermorenovation.

Properties:

It can be used on typical substrates such as concrete, cement plaster, cement and lime plaster, sandstone and also for raw surfaces made of brick, concrete blocks, hollow blocks and other similar ceramic or lime-sand materials. It can be used internally and externally. This white adhesive mortar is an ideal tool for renovation of old buildings as well as for filling and levelling surfaces.

Benefits:

- increased adhesion
- polypropylene fibre reinforced
- ideal white
- resistant to frost
- efficient

Technical parameters:

- Colour	white
- Consumption	1.3 kg/mm/m
- Reinforcing layer thickness	3-5 mm
- Mortar volume after mixing with water	approx. 18.41 l out of 25 kg
- Mixing ratios (water volume per bag)	approx. 5.5 l / 25 kg
- Application temperature (substrate, air and materials)	from +5 – +25°C
- Maturing time	5 min
- Pot life of a water mix	up to 2 h
- Time to elapse before application of another layer	1 day per each 1 mm of layer thickness
- Adhesion to insulation layer	≥ 0.1 N/mm^2 (breaking force)
- 25 kg bag coverage rate	approx. 7.3 m^2

E138

Acrylic Primer Paint

Acrylic primer paint E is used for final surface preparation prior to application of thin-layer plaster and painting. It can be used externally on typical substrates such as cement plaster, cement and lime plaster or concrete and for priming of the reinforcing layer in thermal insulation systems based on polyurethane foam boards.

Properties:

This primer for E systems is made of acrylic dispersion with the addition of high quality fillers and pigments. It provides control over the surface absorption reducing its vapour permeability. It increases adhesion to the surface and efficiency of plaster mixture. It prevents impurities from being transferred up from priming layers and eliminates stain formation. It protects the primed surface against weather conditions.

Benefits:

- reinforces substrate
- evens substrate absorption
- considerably increases adhesion
- facilitates plaster application
- increases efficiency of plaster mixture
- vapour permeable
- ready to use

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Consumption (depends on surface smoothness and absorption)	approx. 0,25 l/ m^2
- Drying time	approx. 24 h
- Plaster application	after 24 h from priming
- Colour	white or matching plaster colour
- Coverage 5 l	approx. 20 m^2
- Coverage 10 l	approx. 40 m^2

EO338

Colloidal Silica Primer Paint

Colloidal Silica primer paint EO (silicate) is used for final surface preparation prior to application of thin-layer silicate plaster. It can be used externally on typical substrates such as cement plaster, cement and lime plaster, concrete and for priming of reinforcing layer in TYTAN EOS thermal insulation systems based on polyurethane foam or mineral wool boards.

Properties:

This primer is made based on colloidal silicate dispersion of pH 8.0 -9.0 with the addition of high quality mineral fillers. It provides control over the surface absorption reducing its vapour permeability. It increases adhesion to the surface and reduces consumption of plaster mixture. It prevents impurities from being transferred up from priming layers to plaster, eliminates stain formation and protects the primed surface against weather conditions.

Benefits:

- reinforces substrate
- evens substrate absorption
- considerably increases adhesion
- facilitates plaster application
- increases efficiency of plaster mixture
- vapour permeable
- ready to use

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Consumption (depends on surface smoothness and absorption)	approx. 0,25 l/ m^2
- Drying time	approx. 24 h
- Plaster application	after 24 h from priming
- Colour	white or matching plaster colour
- Coverage 10 l	approx. 40 m^2

EOS738

Silicone Primer Paint

This primer for EOS systems is used for final surface preparation prior to application of thin-layer silicate plaster. It can be used externally on typical substrates such as cement plaster, cement and lime plaster, concrete and for priming of reinforcing layer in TYTAN EOS thermal insulation systems based on polyurethane foam or mineral wool boards.

Properties:

This primer for EOS systems is made based on artificial resin dispersion with the addition of high quality mineral fillers. It provides control over the surface absorption without reducing its vapour permeability. It increases adhesion to the surface and reduces consumption of plaster mixture. It prevents impurities from being transferred up from priming layers to plaster and eliminates stain formation. It protects the primed surface against weather conditions.

Benefits:

- reinforces substrate
- evens substrate absorption
- considerably increases adhesion
- facilitates plaster application
- increases efficiency of plaster mixture
- vapour permeable
- ready to use

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Consumption (depends on surface smoothness and absorption)	approx. 0,25 l/ m²
- Drying time	approx. 24 h
- Plaster application	after 24 h from priming
- Colour	white or matching plaster colour
- Coverage 10 l	approx. 40 m²

OS538

Primer Paint under Mineral Plaster

This primer for OS systems is used for final surface preparation prior to application of Mineral façade plaster OS. It can be used externally on typical substrates such as cement plaster, cement and lime plaster, concrete and for priming of reinforcing layer in TYTAN EOS thermal insulation systems based on polyurethane foam or mineral wool boards.

Properties:

Primer paint OS is based on water acrylic dispersion with the addition of high quality fillers and agents preventing settlement of aggregate at the bottom of package. It provides control over the surface absorption without reducing its vapour permeability. It increases adhesion to the surface, efficiency of plaster mixture and facilitates obtaining suitable texture. It prevents impurities from being transferred up from priming layers and eliminates stain formation. It protects the primed surface against weather conditions.

Benefits:

- reinforces substrate
- evens substrate absorption
- considerably increases adhesion
- facilitates plaster application
- increases efficiency of plaster mixture
- vapour permeable
- ready to use

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Consumption (depends on surface smoothness and absorption)	approx. 0,25 l/ m²
- Drying time	approx. 24 h
- Plaster application	after 24 h from priming
- Colour	white or matching plaster colour
- Coverage 10 l	approx. 40 m²

E148N

Acrylic Façade Plaster – spray applied

Acrylic façade plaster E - spray applied is used in mechanical application of plaster externally and internally on substrates such as cement and lime plaster, plasterboards, plaster surfaces and on reinforced layers in TYTAN EOS thermal insulation systems based on polyurethane foam boards.

Properties:

Acrylic façade plaster E – spray applied is composed specially for application with a spray gun, which makes work much easier and faster. This plaster is based on acrylic dispersion, mineral fillers and marble aggregate. It also contains special additives, e.g. fibres which make the plaster even more durable and increase its efficiency by 30% compared to hand applied plaster. When fully dry, the plaster is characterized by high flexibility, good adhesion to surface and high resistance to damage and atmospheric conditions. It contains hydrophobic compounds which increase water tightness on plaster surface and make it resistant to washing. Available in a wide colour range.

Benefits:

- resistant to impact
- ready to use
- resistant to washing
- with fungicides and algaecides
- polypropylene fibre
- reinforced for spray application
- stone texture 1.5 mm

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Density of ready to use product	approx. 1.75 g/cm³
- Average drying time	24 h
- Average complete set time	48 h
- Colour	white or in accordance with the EOS colour sampler
- 25 kg coverage	13.9 m²

E148

Acrylic Façade Plaster

Acrylic façade plaster E is used in manual application of plaster externally and internally. It can be applied on all even and carrying substrates such as: concrete, cement and lime plaster, plaster boards, plaster surfaces and on reinforced layers in TYTAN EOS thermal insulation systems based on polyurethane foam boards.

Properties:

This thin- layer plaster for E systems is made based on acrylic dispersion, mineral fillers and marble aggregates. It also contains special additives which make the plaster even more efficient, comfortable and easy in application. When fully dry, the plaster is characterized by high flexibility, good adhesion to surface and high resistance to damage and atmospheric conditions. It contains hydrophobic compounds which increase water tightness on plaster surface and make it resistant to washing. Available in a wide colour range.

Benefits:

- resistant to impact
- ready to use
- resistant to washing
- with fungicides and algaecides
- fibre reinforced
- stone texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm
- rustic texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Density of ready to use product	approx. 1.85 g/cm³
- Average drying time	24 h
- Average complete set time	48 h
- Colour	white or in accordance with the EOS colour sampler
- 25 kg coverage	depending on aggregate thickness

EO348N

Colloidal Silica Facade Plaster - spray applied

EO facade plaster is used in mechanical application of textured plaster externally and internally. It can be applied on all even and carrying substrates such as concrete, cement and lime plaster, plasterboards, plaster surfaces and as finishing layer in TYTAN EOS thermal insulation systems based on polyurethane foam boards and mineral wool boards.

Properties:

EO façade plaster is based on colloidal silica, mineral fillers and marble aggregate. It also contains special additives which make the plaster even more efficient, comfortable and easy in application. When fully dry, the plaster is characterized by high adhesion to surface, high vapour permeability and flexibility. It contains hydrophobic compounds which increase water tightness on plaster surface and make it resistant to washing. This plaster contains agents inhibiting the growth of fungi and mould on plaster surface when applied on walls and during storage in packages. Available in a wide TYTAN EOS colour range and other colours available at customer's request.

Benefits:

- resistant to impact
- ready to use
- resistant to washing
- with fungicides and algaecides
- fibre reinforced
- for spray application
- stone texture 1.5 mm
- vapour permeable

Technical parameters:

- Application temperature (surface, air, materials)	from +7°C to +25°C
- Density of ready to use product	approx. 1.85 g/cm^3
- Average drying time	24 h
- Average complete set time	48 h
- Colour	white or in accordance with the EOS colour sampler
- 25 kg coverage	13,9 m^2

EO348

Colloidal Silica Facade Plaster

EO thin- layer plaster is used in manual application of plaster externally and internally. It can be applied on all even and carrying substrates such as concrete, cement and lime plaster, plasterboards, plaster surfaces and on reinforced layers in TYTAN EOS thermal insulation systems based on polystyrene foam and mineral wool boards. It is produced using modern technology and can be used on surfaces covered previously with paint based on artificial resin. It also increases colour stability.

Properties:

EO plaster is based on colloidal silica, mineral fillers and marble aggregate. It also contains special additives which make the plaster even more efficient, comfortable and easy in application. When fully dry, the plaster is characterized by good adhesion to surface and high resistance to damage and atmospheric conditions.

Benefits:

- ready to use
- low alcaline: pH = 8.0-9.0
- high vapour permeability
- fast adherence to surface
- resistant to dirt with fungicides and algaecides
- stone texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm
- rustic texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm

Technical parameters:

- Application temperature (surface, air, materials)	from +7°C to +25°C
- Density of ready to use product	approx. 1.85 g/cm^3
- Average drying time	24 h
- Average complete set time	48 h
- Colour	white or in accordance with the EOS colour sampler
- 25 kg coverage	depending on aggregate thickness

EOS748N

Silicone Façade Plaster– spray applied

Silicone façade plaster EOS– spray applied is used in mechanical application of textured plaster externally and internally. It can be applied on all even and carrying substrates such as concrete, cement and lime plaster, plasterboards, plaster surfaces and as finishing layer in TYTAN EOS thermal insulation systems based on polystyrene foam and mineral wool boards.

Properties:

EOS thin-layer plaster is made based on colloidal silica, mineral fillers and marble aggregate. It also contains special additives which make the plaster even more efficient, comfortable and easy in application. When fully dry, the plaster is characterized by high adhesion to surface, high vapour permeability and flexibility. It contains hydrophobic compounds which increase water tightness on plaster surface and make it resistant to washing. This plaster contains agents inhibiting the growth of fungi and mould on plaster surface when applied on walls and during storage in packages. Available in a wide TYTAN EOS colour range and other colours available at customer's request.

Benefits:

- resistant to impact
- ready to use
- resistant to washing
- with fungicides and algaecides
- fibre reinforced
- for spray application
- stone texture 1.5 mm
- vapour permeable

Technical parameters:

- Application temperature (surface, air, materials)	from +7°C to +25°C
- Density of ready to use product	approx. 1.85 g/cm^3
- Average drying time	24 h
- Average complete set time	48 h
- Colour	white or in accordance with the EOS colour sampler
- 25 kg coverage	13,9 m^2

EOS748

Silicone Façade Plaster EOS

Silicone façade plaster EOS is used in manual application of plaster extemally and internally. It can be applied on all even and carrying substrates such as concrete, cement and lime plaster, plasterboards, plaster surfaces and on reinforced layers in TYTAN EOS thermal insulation based on polystyrene foam and mineral wool boards, as well as on surfaces covered previously with paints based on artificial resin. Low surface absorbability and self-cleaning properties make it ideal for buildings of high aesthetic qualities and those located trial areas, as well as in areas of increased humidity.

Properties:

Silicone façade plaster EOS is made based on silicone resin, mineral fillers and marble aggregate. It also contains special additives which make the plaster even more efficient, comfortable and easy in application. Very low surface absorbability makes the plaster surface self-cleaning.

Benefits:

- ready to use
- based on silicone resin
- flexible
- watertight
- self-cleaning
- high vapour permeability
- fast adherence to surface
- with fungicides and algaecides
- stone texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm
- rustic texture 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm

Technical parameters:

- Application temperature (surface, air, materials)	from +7°C to +25°C
- Density of ready to use product	approx. 1.85 g/cm^3
- Average drying time	24 h
- Average complete set time	48 h
- Colour	white or in accordance with the EOS colour sampler
- 25 kg coverage	depending on aggregate thickness

E248
Mosaic Decorative Plaster

This mosaic decorative plaster is used for manual application of a decorative layer of unconventional colour palette and texture. It is resistant to impact and scratching as well as weather conditions. The material's elasticity enables crack bridging. It can be applied on all even mineral substrates such as concrete, cement and lime plaster, plasterboards, plaster surfaces and on reinforced layers in TYTAN EOS thermal insulation systems. It is especially recommended for use on walls at risk of plaster scraping, e.g.: near entrances, in corridors, office staircases, living and public utility buildings. For external use, it is recommended for socles, foundations, balustrades, balconies, window and door reveals. Available in 72 colours.

Benefits:
- ready to use
- increased resistance to mechanical damage
- increased adhesion
- enables crack bridging existing in the surface
- for internal and external use
- grain size 1.0 mm or 1.5 mm

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Drying time	approx. 24 h
- Full curing time	approx. 72 h
- Approximate yield at the grain size 1 mm	approx. 2.25 kg/m^2
- Approximate yield at grain size 1.5 mm	approx. 4.0 kg/m^2
- Approximate yield of 1 bucket at the grain size 1 mm	6.7 kg/m^2
- Approximate yield of 1 bucket at the grain size 1.5 mm	3.8 m^2
- Min. layer thickness	1.5 x grain size
- Max. layer thickness	2.5 x grain size
- 15 kg packaging coverage	3.8 – 6.7 m^2

OS548
Mineral Facade Plaster

Mineral facade plaster OS is used in manual application of plaster externally and internally. It can be applied on all even and carrying substrates such as: concrete, cement and lime plaster, plasterboards, plaster surfaces and on reinforced layers in TYTAN EOS thermal insulation systems making use of both EPS and mineral wool boards.

Properties:
Mineral facade plaster OS is based on white cement, mineral fillers and dolomite aggregate. It also contains special additives which make the plaster even more efficient, comfortable and easy in application. When fully dry, the plaster is characterized by good adhesion and the microfibers contained in it additionally strengthen its structure, making it resistant to all types of mechanical loads. It contains hydrophobic compounds which increase water tightness on plaster surface and make it resistant to washing.

Benefits:
- increased flexibility
- high vapour permeability
- high adherence to mineral substrates
- stone texture of grades 2.0 mm; 3 mm
- rustic texture of grades 1.5 mm; 2.0 mm; 2.5 mm; 3.0 mm

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Bulk density	approx. 1.3 g/dm^3
- Average drying time of plaster	2-3 days
- Average complete set time	28 days
- Colour	white
- 25 kg packaging coverage	depending on aggregate thickness

E168
Acrylic Penetration Primer E

Acrylic penetration primer E is used for appropriate surface preparation prior to application of acrylic paints. It can be used internally and externally on typical dry substrates such as cement plaster, cement and lime plaster, plasterboards, concrete surfaces and thin-layer mineral and acrylic plaster. It can be used in TYTAN EOS thermal insulation systems.

Properties:
This colourless Acrylic penetration primer E is based on acrylic dispersion. It reduces and evens substrate absorption, facilitates application, increases adhesion to the surface and efficiency of surface paint. It prevents impurities from being transferred up from priming layers to surface paint. It eliminates the occurrence of stains and discolours. It is ready to use, of high quality, strengthens and prepares the substrate for the application of Acrylic façade paint E.

Benefits:
- strengthens the surface of substrate
- increases adhesion to the surface and efficiency of paint
- ready to use
- reduces and evens substrate absorption
- facilitates paint application
- increases efficiency

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Consumption (depending on surface smoothness and absorption)	approx. 0.2 l/ m^2
- Drying time	approx. 3 h
- Facade paint application	after 6 h from priming
- Colour	colourless
- 5 l packaging coverage	approx. 25 m^2

EO368
Colloidal Silica Penetration Primer

This primer for EO paints is used for appropriate surface preparation prior to application of silicate paints. It can be used internally and externally on typical dry substrates such as cement plaster, cement and lime plaster, thin-layer mineral and silicate plaster, plasterboards. It can be used in TYTAN EOS thermal insulation systems.

Properties:
Colloidal Silica penetration primer EO is based on acrylic dispersion. It reduces and evens substrate absorption without reducing its vapour permeability. It facilitates application, increases adhesion to the surface and efficiency of surface paint. It prevents impurities from being transferred up from priming layers to surface paint. It eliminates the occurrence of stains and discolours. It is ready to use, of high quality, strengthens and prepares the substrate for the application of Colloidal Silica façade paint EO.

Benefits:
- strengthens the surface of substrate
- increases adhesion to the surface and efficiency of paint
- ready to use
- reduces and evens substrate absorption
- facilitates paint application
- increases efficiency

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Consumption (depending on surface smoothness and absorption)	approx. 0.2 l/ m^2
- Drying time	approx. 3 h
- Facade paint application	after 6 h from priming
- Colour	colourless
- 5 l packaging coverage	approx. 25 m^2

EOS768
Silicon Penetration Primer

Silicon penetration primer EOS is used for appropriate surface preparation prior to application of acrylic paints. It can be used internally and externally on typical dry substrates such as cement plaster, cement and lime plaster, plasterboards, concrete surfaces and thin-layer mineral and acrylic plaster. It can be used in TYTAN EOS thermal insulation systems.

Properties:

This colourless Silicon penetration primer EOS is based on silicon dispersion. It reduces and evens substrate absorption without reducing its vapour permeability, facilitates application, increases adhesion to the surface and efficiency of surface paint. It prevents impurities from being transferred up from priming layers to surface paint. It eliminates the occurrence of stains and discolours. It is ready to use, of high quality, strengthens and prepares the substrate for the application of Silicon façade paint E.

Benefits:

- strengthens the surface of substrate
- increases adhesion to the surface and efficiency of paint
- ready to use
- reduces and evens substrate absorption
- facilitates paint application
- increases efficiency

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Consumption (depending on surface smoothness and absorption)	approx. 0.2 l/ m^2
- Drying time	approx. 3 h
- Facade paint application	after 6 h from priming
- Colour	colourless
- 5 l packaging coverage	approx. 25 m^2

E158
Acrylic Façade Paint

Acrylic façade paint E is designated for the painting of all mineral substrates, such as cement plaster, cement and lime plaster, mineral and acrylic plaster, concrete, plasterboards, for use on facades painted previously with plastic dispersion paints and being in good condition, and in TYTAN EOS thermal insulation systems based on polystyrene foam boards.

Properties:

Acrylic façade paint E is based on acrylic dispersion with the addition of high quality fillers and pigments. It is characterized by very good coating properties and resistance to atmospheric conditions such as: rain, solar radiation, frost and wind. It forms on the surface an even, matted coating without fractures and wrinkles, resistant to abrasion and washing. The paint is available in a wide colour range in accordance with the TYTAN EOS colour cards, or can be made to match a delivered sample. It contains fungicides and algaecides.

Benefits:

- highly opaque
- durable colour
- resistant to atmospheric conditions and abrasion
- wide colour range
- based on acrylic dispersion

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Drying time	approx. 3-6 h depending on weather conditions
- Coverage 1 layer	approx. 7 - 8 m^2 /l consumption depends on surface smoothness and absorption
- Coverage 2 layers	approx. 4 - 5 m^2 /l consumption depends on surface smoothness and absorption precise coverage rate should be determined by testing on site
- Colour	white or in accordance with the EOS colour cards
- 10 l packaging coverage (2 layers)	50 m^2

EO358
Colloidal Silica Façade Paint with Photocatalytic Effect

Colloidal Silica façade paint EO is designated for painting of all mineral substrates, such as: cement plaster, cement and lime plaster, mineral and colloidal silica (silicate) plaster, concrete, plasterboards, as well as for use in TYTAN EOS thermal insulation systems based on polystyrene foam and mineral wool boards.

Properties:

Colloidal Silica façade paint EO is based on colloidal silica with the addition of high quality fillers and pigments. It is photocatalytic active, which shows during the layer exposure to light. It contains nanoparticles of titanium dioxide (TiO) which decompose and oxidize dirt particles settling on the surface. It is characterized by very good coating properties, good vapour permeability and provides free transport of steam and release of moisture.

Benefits:

- extremely high permeability
- strongly covering
- resistant to dirt
- durable colour
- does not absorb water
- photocatalytic effect

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Drying time	approx. 3-6 h depending on weather conditions
- Coverage 1 layer	approx. 7 - 8 m^2 /l consumption depends on surface smoothness and absorption
- Coverage 2 layers	approx. 4 - 5 m^2 /l consumption depends on surface smoothness and absorption, precise coverage rate should be determined by testing on site
- Colour	white or in accordance with the EOS colour cards
- 10 l packaging coverage (2 layers)	50 m^2

EOS758
Silicon Façade Paint with Photocatalytic Effect

Silicon façade paint EOS is designated for painting of all mineral substrates, such as cement plaster, cement and lime plaster, mineral and silicate plaster, plasterboards, as well as for use in thermal insulation systems TYTAN EOS based on polystyrene foam and mineral wool boards.

Properties:

Silicon façade paint EOS is based on silicone dispersion with the addition of pearling agents. It is characterized by very good coating properties, it is vapour permeable, resistant to UV radiation, aging and changeable weather conditions. It protects the facade surface against external moisture, contains fungicides and algaecides, exhibits self- cleaning properties by a rainfall.

Benefits:

- self- cleaning
- resistant to UV
- strongly covering
- durable colours
- very high vapour permeability
- based on silicone dispersion

Technical parameters:

- Application temperature (surface, air, materials)	from +5°C to +25°C
- Drying time	approx. 3-6 h depending on weather conditions
- Coverage 1 layer	approx. 7 - 8 m^2 /l consumption depends on surface smoothness and absorption
- Coverage 2 layers	approx. 4 - 5 m^2 /l consumption depends on surface smoothness and absorption, precise coverage rate should be determined by testing on site
- Colour	white or in accordance with the EOS colour cards
- 10 l packaging coverage (2 layers)	50 m^2

Facade Acrylic

for Grouting and Sealing

Flexible acrylic used for grouting and sealing cracks and filling defects in walls and facades covered with textured plaster. When fully dry, it can be painted with any kind of facade or interior paint.
This facade acryl is odourless, resistant to fluctuations of temperature and moisture. It can be used internally and externally.

Benefits:

- stone texture
- paintable
- flexible
- ideal adherence

Technical parameters:

- Thermal resistance	from -25°C to +80°C
- Application temperature	from +7°C to +40°C
- Storage temperature	from 0°C to +30°C
- Setting rate	approx. 1 mm / 24 h
- Working time	10-20 min
- Packaging	310 ml

E48

Winter Additive for Plaster and Paint

TYTAN EOS winter additive for plaster and paint enables the execution of insulation work with the use of TYTAN EOS plasters and paints in low temperature conditions from +0°C to 10°C and increased air humidity up to 80%. TYTAN EOS winter additive for plaster and paint is a colourless liquid added to TYTAN EOS acrylic, silicate and silicone plasters, as well as acrylic, silicate and silicone paints. The agent protects plaster mixtures and paint coatings against low temperatures (starting from +0°C). It accelerates the bonding stage and drying of the binding agent. Addition of the agent does not change plaster or paint colour. It does not affect the strength of the finishing coating and makes it reach faster the resistance to unfavourable weather conditions. The working speed depends on the temperature and ambient humidity.

Technical parameters:

- Application temperature (surface, air, materials)	from +0°C to +10°C
- Consumption	max. 1% of plaster of paint weight, which translates into 0.25 kg per 25 kg plaster bag and up to 0.15 kg (3/5 of bottle content) per 10 l paint bucket
- Relative density	approx. 0.88 g/cm^3
- Packaging	0.25 kg plastic bottle

Reference buildings

Interior Paints

- NEO REGULAR Interior Paint
- NEO INVEST Interior Paint
- NEO EXPRESS Interior Paint
- NEO L ATEX Interior Paint
- NEO MINERAL BIO Interior Paint
- NEO FINISH Dolomite Filling Putty

NEO Regular
Interior Acrylic Paint

Interior paint NEO REGULAR from the TYTAN NEO system is recommended for all seasoned mineral substrates, such as gypsum, cement, cement-lime, lime, thin-layer plasters, mineral and acrylic plasters, concrete, plasterboards. Particularly recommended for painting walls and ceilings in “dry” rooms such as living rooms, dining rooms, bedrooms, corridors, offices and conference rooms.

Benefits:
- resistant to washing
- perfect covering power
- high efficiency
- deep mat coating
- user friendly
- no streaking
- wide colour range

NEO Invest
Interior Paint

Interior paint NEO INVEST from the TYTAN NEO system is recommended for all seasoned mineral substrates such as gypsum, cement, cement-lime, lime, thin-layer plaster, mineral and acrylic plasters, concrete, plasterboards. Particularly recommended for painting walls and ceilings in “dry” rooms such as offices, maintenance rooms, industrial and storage accommodations and in housing.

Benefits:
- resistant to dry scrubbing
- good covering power
- high efficiency
- deep mat coating
- user friendly
- no streaking

NEO Express
Interior Paint

Interior paint NEO EXPRESS from the TYTAN NEO system is recommended for all seasoned mineral substrates, such as gypsum, cement, cement-lime, lime, thin-layer plasters, mineral and acrylic, plasters, concrete, plasterboards. Particularly recommended for painting walls and ceilings in ‘dry’ rooms such as living rooms, dining rooms, bedrooms, corridors, offices and conference rooms.

Benefits:
- very good covering power in one layer
- ideal resistance to scrubbing and washing
- upmost efficiency
- mat coat
- no streaking

NEO Latex
Interior Paint

Interior latex paint NEO LATEX from the TYTAN NEO system is recommended for all seasoned mineral substrates, such as gypsum, cement, cement-lime, lime, thin-layer plasters, mineral and acrylic plasters, concrete, plasterboards. Particularly recommended for painting walls and ceilings in well-used rooms such as kitchens and dining rooms, restaurant rooms, offices and also in places where high resistance to washing and scrubbing is required.

Benefits:
- for well-used rooms
- easy to keep perfectly clean
- resistance to scrubbing and washing
- ideal covering power
- wide colour range
- no streaking
- easy application

NEO Mineral Bio
Interior Colloidal Silica Paint

Interior paint NEO MINERAL Bio from the TYTAN NEO system is recommended for all seasoned mineral substrates, such as plasterboards, gypsum, cement, cement-lime, lime, thin-layer plasters, mineral and acrylic plasters, concrete, plasterboards. Particularly recommended for painting walls and ceilings in “wet” rooms such as bathrooms, swimming pools, kitchens and in dry building systems in all types of rooms.

Benefits:
- resistant to moisture
- inhibits of fungus and mould
- ensures wall breathing
- resistant to scrubbing and washing
- perfect covering power
- high efficiency
- deep mat coating
- no streaking
- wide colour range

NEO Finish
Dolomite Filling Putty

Dolomite filling putty NEO FINISH from the TYTAN NEO system is recommended for final preparation of all seasoned mineral substrates such as: gypsum, cement, cement-lime, lime plaster, concrete, gypsum, plasterboards. For internal use.

Benefits:
- for mechanical and manual application
- for levelling walls and ceilings
- under paints and wallpapers
- white colour

Mortars and Renders

- TEO124 Levelling Mortar
- TEO224 Thin Layer Masonry Mortar
- TEO234 Clinker Mortar
- TEO314 Rendering Coat Mortar
- TEO324 Machine Applied Plaster
- TEO334 Machine Applied Plaster, light type

TEO124
Levelling Mortar

Levelling mortar TEO 124 is used for quick filling of holes, for horizontal and vertical levelling of substrates before insulation installation, setting ceramic tiles, lining and other types of finishing materials. Recommended for slopes on balconies and terraces.
The applied layer thickness should stay within 2-15 mm. This levelling mortar can also be used for other construction works.

Benefits:
- application thickness from 2 to 15 mm for use under insulation and tile adhesive
- for quick substrate levelling
- for horizontal and vertical substrates
- for preparing slopes on balconies and terraces

TEO224
Thin Layer Masonry Mortar

This thin layer masonry mortar is designated for building indoor and outdoor walls made of aerated concrete (cellular concrete), sand cellular (silicate) and ceramic blocks in thin-bed method (2-6mm). Recommended for other construction works, e.g. smoothing, filling holes and levelling walls made of aerated concrete. It exhibits perfect adherence to different types of building substrates. It is applicable in housing and industrial buildings.

The mortar has to be prepared by pouring all content of the bag (25 kg) to an accurately measured amount of clean, cool water (6.5 litres) and it mixing with a drill with slow-speed stirrer until obtaining uniform consistence without lumps. The mortar is ready for use after 5 minutes and repeated mixing. Once prepared, it should be used within about 4 hours. In case of thickening, do not add water, but mix again.

Benefits:
- for aerated concrete
- for silicate blocks
- colour: white, grey

TEO234
Clinker Mortar

Clinker mortar TEO 234 is designated for building facades, interior and exterior walls and other architectural elements made from clinker bricks such as: fences, chimneys, small gardening architecture. It is a mixture of cement, rock dust and mineral aggregate with high-class modifying additives, due to which the mortal is easily manageable, easy and convenient to use. It is characterized by very good adherence to substrate, features high frost resistance and waterproof parameters. Prevents efflorescence occurring.

Benefits:
- for clinker bricks fixing
- for pointing

TEO314
Rendering Coat Mortar

Mortar TEO 314 is a cement render that is a part of the TEO plaster mortar system. It is recommended for use under cement- lime plasters applied manually or automatically on all types of mineral substrates.
Its role is to level substrate absorption and improve plaster adherence to walls and ceilings. Easy in manual or automatic application.

Benefits:
- for automatic and manual application
- high adherence to substrate
- increases efficiency of successive layers

TEO324
Machine Applied Plaster

Machine - applied plaster TEO 324 is designated for manual and automatic plaster application onto all types of building substrates. It is characterised by very good adherence and easy handling. The product is recommended for traditional plaster application as well as for primary and renovating plastering of mineral substrates.

Benefits:
- for aerated concrete
- for silicate blocks
- colour: white, grey

TEO334
Machine Plaster, light type

Machine plaster, light type TEO 334 is designated for automatic and manual coating on all typical types of building substrates, taking into particular consideration walls made from light materials (aerated concrete) and of high absorbability (silicate hollow bricks). It is characterised by very good adherence, long treatment time and very easy work.
The product is recommended for traditional treatment and mineral substrates primary and renovating plastering It can be overlaid in one layer of 20 mm. in thickness. In case when a bigger thickness is required, the plaster should be overlaid in layers, by overlaying after initial drying of the first layer.

Benefits:
- cement-lime
- for automatic and manual application
- fine-grained
- hydrophobic flexible
- efficient

Tile Installation System

- GE136 Multipurpose Tile Adhesive
- GEA236 Adhesive for Standard Tiles
- GEA336 Adhesive for Gres Tiles
- GEA436 Quick Setting Adhesive
- GEA536 Strong Flexible Adhesive
- GEA636 Pourable Adhesive with Increased Flexibility
- GEA736 Strong Highly Flexible Adhesive
- GEA836 White Adhesive with Trass
- GEA746 Wide Joint Filler

GEA136

Multipurpose Tile Adhesive Basic

Multipurpose tile adhesive A136 designated for effective fixing of wall and floor ceramic tiles (glaze, terracotta). It is designated for use on rigid substrates, outside and inside. The substrates include: concrete, cellular concrete, cement, cement-lime, gypsum, lime, cement jointless floors, anhydrite plasters, as well as ceramic and calcareous sand materials. Recommended for surfaces in kitchens, bathrooms, corridors, balconies and covered terraces.

Benefits:

- water and frost resistant
- good adherence to substrate
- for exterior and interior use

Technical parameters:

Mixing proportions	about 5,5 litters of water per 25 kg of dry mortar 0.21-0.23 litters of water per 1 kg of dry mortar
Pot life of a water mix	up to 3 h
Application temperature	from + 5ºC to +25ºC
Open time (skinning)	20 min
Correction time	10 min
Walls grouting	after 12 h
Floor grouting	after 24 h
Partial/full load-bearing	3/14 days
Crawl	≤0,5 mm
Min. thickness of mortar layer	2 mm
Max. thickness of mortal layer	5 mm

GEA236

Adhesive for Standard Tiles for Typical Substrates

Adhesive for standard tiles G236 on the basis of cement, designated for fixing wall and floor tiles ceramic (glaze, terracotta) on rigid substrates and for installation of cement tiles and natural stone (apart from marble) tiles onto house substrates in bathrooms, kitchens and corridors and balconies and covered terraces.

Benefits:

- water and frost resistant
- very good adherence to typical substrates
- for exterior and interior use

Technical parameters:

Mixing proportions	7.5 – 8.0 litres of water per 25 kg of dry mortar 0.30-0.32 litres of water per 1 kg of dry mortar
Pot life of a water mix	up to 4 h
Application temperature	from + 5ºC to +25ºC
Open time (skinning)	20 min
Correction time	10 min
Walls grouting	after 12 h
Floor grouting	after 24 h
Partial/full load-bearing	3/14 days
Approx. consumption	1.9 – 5.5 kg/ m²

GEA336

Adhesive for Gres Tiles for Most Substrates

Adhesive for gres tiles E336 designated mainly for fixing of wall and floor ceramic tiles (glaze, terracotta, clinker, gres) and also for low absorption tiles (below 3%) and cement tiles (also of large format). It is also applicable on substrates balconies, terraces, façades, warehouses and sales rooms, and also in industrial and household bathrooms, kitchens, corridors, passageways, etc.

Benefits:

- for use inside and outside
- resistant to substrate deformations
- increased bonding strength
- for use on any rigid and demanding substrates

Technical parameters:

Mixing proportions	6.5 – 7.0 litres of water per 25 kg of dry mortar 0.26-0.28 litres of water per 1 kg of dry mortar
Pot life of a water mix	up to 4 h
Application temperature	from + 5ºC to +25ºC
Open time (skinning)	20 min
Correction time	10 min
Walls grouting	after 12 h
Floor grouting	after 24 h
Partial/full load-bearing	3/14 days
Approx. consumption	1.9 – 5.5 kg/ m²

TYTAN PROFESSIONAL
GEA TILE INSTALLATION SYSTEM

GEA436

Quick Setting Adhesive for Tile Bonding

Quickly setting adhesive GE436 on the basis of cement is designated for effective and quick bonding of ceramic tiles (glaze, terracotta, linker, gres) non-absorbable tiles, tiles from natural stone (after previous trial) also for stone agglomerate. It can be applied in kitchens, bathrooms, corridors in passageways and outside of rooms. Possibility of grouting just after 4 hours.

Benefits:

- allows fast work progress
- no tile slip
- water and frost resistant
- for exterior and interior

Technical parameters:

Mixing proportions	6.5 – 7.0 litres of water per 25 kg of dry mortar 0.26-0.28 litres of water per 1 kg of dry mortar
Pot life of a water mix	up to 4 h
Application temperature	from + 5ºC to +25ºC
Open time (skinning)	10 min
Correction time	5 min
Walls grouting	after 2 h
Floor grouting	after 4 h
Fully load-bearing	after 24 days
Approx. consumption	1.9 – 5.5 kg/ m²

GEA536

Strong Flexible Adhesive for Ceramic Tiles and Heated Screeds

Strong flexible adhesive EA 536 is designated for fixing of all types of wall and floor ceramic tiles (glaze, terracotta, linker, gres mosaic), terrazzo and cement tiles, tiles from natural stone (after previous trial) also for stone agglomerate in small and large formats, for every rigid, as well for demanding (tough) substrates, outside and inside. It can be applied to balconies, terraces, façades in industrial and house bathrooms, baths swimming pools, kitchens substrates, in corridors, in passageways etc.

Benefits:

- adhesive strength
- it can be applied to heated screeds
- for large format tiles
- for exterior and interior use

Technical parameters:

Mixing proportions	5.5 – 6.0 litres of water per 25 kg of dry mortar 0.22-0.24 litres of water per 1 kg of dry mortar
Pot life of a water mix	up to 4 h
Application temperature	from + 5ºC to +25ºC
Open time (skinning)	30 min
Correction time	10 min
Walls grouting	after 12 h
Floor grouting	after 24 h
Partial/full load-bearing	2/14 days
Approx. consumption	1.9 – 5.5 kg/ m²

GEA636

Pourable Adhesive with Increased Flexibility for Floor Tiles and Highly Loaded Substrates

High quality pourable adhesive with increased flexibility on the basis of cement is designated for fixing of floor ceramic tiles (glaze, terracotta, clinker, gres, mosaic) terazzo and cement tiles stone conglomeration plates, particularly in large and very large formats. It can be practically applied to every rigid, as well as demanding (tough) substrate, outside and inside. Particularly recommended for heated screeds and where changeable thermal conditions occur, in garages, in industrial and house bathrooms, baths, kitchens, corridors in passageways, in warehouses and sale rooms etc. The adhesive is perfectly suitable for old substrate renovation by "tile over tile" method.

Benefits:

- for large format tiles
- suitable for heated screeds
- renovation of old substrate by "tile over tile" method
- for exterior and interior use

Technical parameters:

Mixing proportions	6.5 – 7.0 litres of water per 25 kg of dry mortar 0.26-0.28 litres of water per 1 kg of dry mortar
Pot life of a water mix	up to 4 h
Application temperature	from + 5ºC to +25ºC
Open time (skinning)	30 min
Correction time	15 min
Floor grouting	after 48 h
Partial/full load-bearing	3/14 days
Approx. consumption	5.0 – 6.0 kg/ m²

GEA736

Strong Highly Flexible Adhesive for Every Type of Tiles and Every Substrate

Strong highly flexible adhesive GEA 736 on the basis of cement of increased adhesion, is designated for fixing of all tyzormats for all rigid, as well as demanding (tough) substrates, outside and inside. It is also recommended for fixing thermo insulating materials outside and inside. It is recommended for swimming pools, balconies, terraces, facade substrates, in warehouses, sale rooms, in industrial and house bathrooms, baths, kitchens, in corridors, in passageways.

Benefits:

- highest flexibility
- for heated screeds
- for tough and atypical substrates such as swimming pools, baths
- for outside and inside
- scurgeri de gaz

Technical parameters:

- Mixing proportions: 6.0 – 6.5 litres of water per 25 kg of dry mortar; 0.24-0.26 litres of water per 1 kg of dry mortar
- Pot life of a water mix: up to 3 h
- Application temperature: from + 5ºC to +25ºC
- Open time (skinning): 30 min
- Correction time: 15 min
- Walls grouting: after 12 h
- Floor grouting: after 24 h
- Partial/full load-bearing: 3/14 days
- Approx. consumption: 1.9 – 5.5 kg/ m^2

GEA836

White Adhesive with Trass for Marble and Stone, Every Type of Tiles and Critical Surfaces

White adhesive with trass GEA836 is designated for fixing of all types of natural and synthetic marbles, natural stone, wall and floor ceramic tiles (glaze, terracotta, clinker, gres, mosaic), terrazzo and cement tails in small and large formats It is applicable for every rigid and demanding (tough) substrate, inside and outside. It can be applied to thermo insulation materials fitting outside and inside. Recommended for swimming pools, balconies, terraces, facades, warehouses and sale rooms substrates, and also industrial and house bathrooms, baths, kitchens, corridors, in passageways etc.

Benefits:

- prevents efflorescence on marble and natural stone
- highly flexible of increased adherence
- widest range of applications
- for inside and outside use

Technical parameters:

- Mixing proportions: 6.5 – 7.0 litres of water per 25 kg of dry mortar; 0.26-0.28 litres of water per 1 kg of dry mortar
- Pot life of a water mix: up to 3 h
- Application temperature: from + 5ºC to +25ºC
- Open time (skinning): 30 min
- Correction time: 15 min
- Walls grouting: after 12 h
- Floor grouting: after 24 h
- Partial/full load-bearing: 3/14 days
- Approx. consumption: 1.9 – 5.5 kg/ m^2

GEA746

Wide Joint Filler for Tile Grouting

Wide joint filler GEA746 is designated for grouting joints of 4-20 mm in width on walls and floors made from ceramic tiles (glaze, terracotta, clinker, gres, mosaic) terazzo and cement tiles, plates from natural and synthetic stone. Thanks to specially well-chosen high-class cement compositions, mineral flour rand resins, the product is characterised by high resistance and adherence as well as by very good application parameters such as resistance to cracking, scratching, also tile loosening. It can be applied outside and inside, in dry and moist rooms. High technical parameters of the product allow use on renewable substrates.

Benefits:

- water and frost resistant
- for exterior and interior use
- wide range of application
- large format tiles
- wide and rustic joints
- floors exposed to dirt
- heated screeds
- floors strongly loaded (offices, shops, schools etc.)
- Available grout colours: black, graphite, brown, gray, beige, white

Technical parameters:

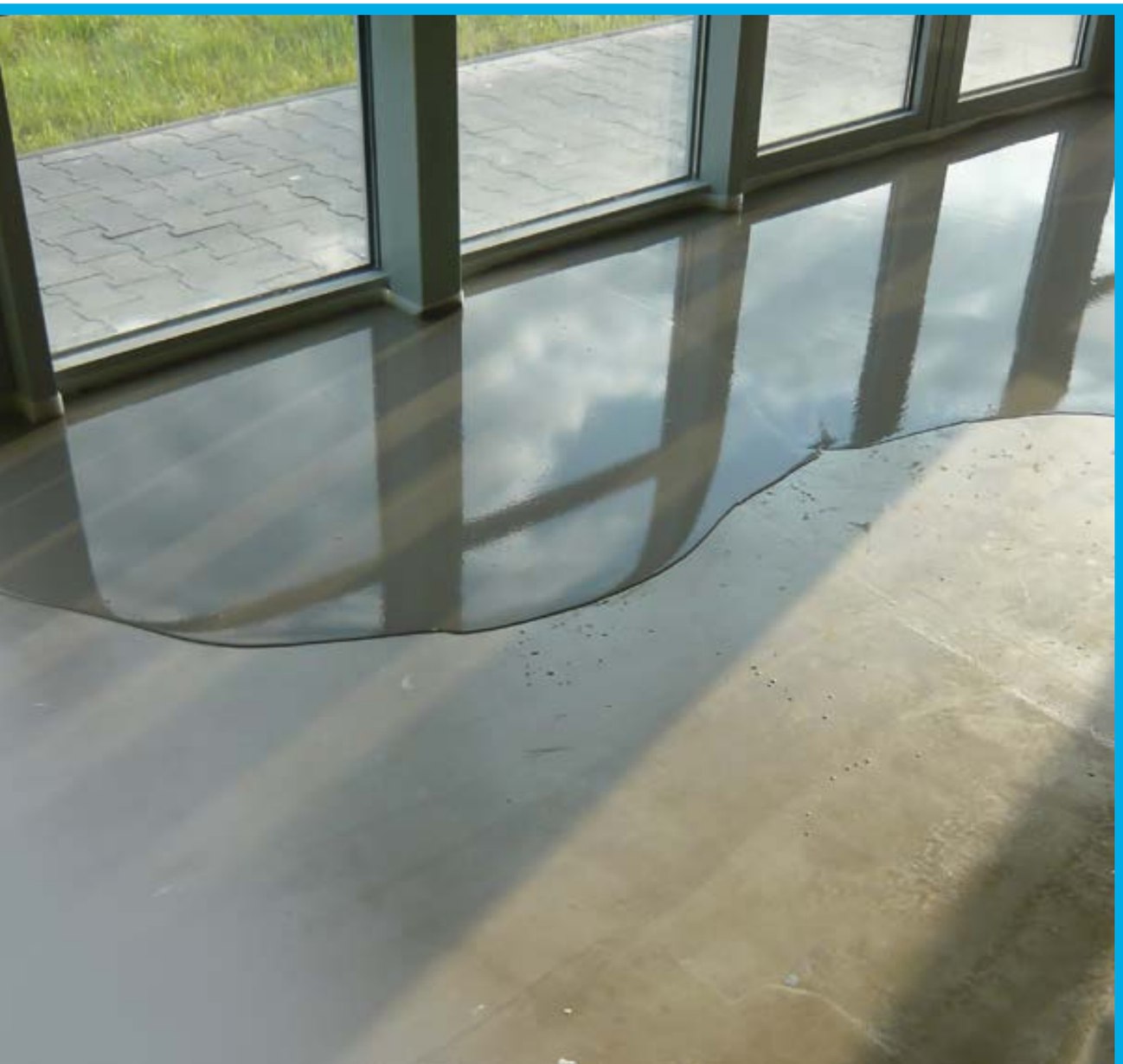
- Mixing proportions: 5.0 – 5.5 litres of water per 25 kg of dry mortar; 0.20-0.22 litres of water per 1 kg of dry mortar
- Pot life of a water mix: up to 2 h
- Application temperature: from - 25ºC to +60ºC
- Min. joint width: 4 mm
- Max. joint width: 20 mm

TYPE OF ADHESIVE FOR TILES	Adhesive for standard tiles GEA236	Adhesive for gres tiles GEA336	Quick setting adhesive GE436	Strong flexible adhesive EA536	Self-levelling adhesive GA636	Strong, highly flexible adhesive GEA736	White adhesive with trass GEA836
APPLICATION AREA							
interior	• • •	• • •	• • •	• • •	• • •	• • •	• • •
dry rooms	• • •	• • •	• • •	• • •	• • •	• • •	• • •
normally loaded substrates	• • •	• • •	• • •	• • •	• • •	• • •	• • •
kitchens	• • •	• • •	• • •	• • •	• • •	• • •	• • •
exterior	•	• •	•	• • •	• • •	• • •	• • •
wet rooms	•	• •	•	• • •	• • •	• • •	• • •
highly loaded substrates	•	• • •	•	• • •	• • •	• • •	• • •
heated floor	*	•	*	• • •	• • •	• • •	• • •
terraces	*	•	*	• • •	• • •	• • •	• • •
showers	•	• •	•	• • •	*	• • •	• • •
swimming pools	*	*	*	• •	*	• • •	• • •
floors	• •	• • •	• • •	• • •	• • •	• • •	• • •
walls	•	• •	• • •	• • •	*	• • •	• • •
ceramic tiles	*	*	•	• •	• • •	• • •	• • •
TYPE OF SUBSTRATE:							
large-format tiles	*	•	*	• •	• • •	• • •	• • •
gres tiles	•			• • •	• • •	• • •	• • •
low moisture absorption tiles	•	• • •	• •	• • •	• • •	• • •	• • •
natural stones and marbles	*	*	*	*	*	•	• • •
concrete	• •	• •	• •	• • •	• • •	• • •	• • •
cement, cement-lime plasters	• •	• • •	• • •	• • •	• • •	• • •	• • •
gypsum plasters	•	• •	•	• • •	*	• • •	• • •
plasterboards	• •	• • •	•	• • •	*	• • •	• • •
anhydride and cement jointless floors	• • •	• • •	• • •	• • •	• • •	• • •	• • •
walls made of bricks, blocks, hollow bricks	•	• •	•	• • •	*	• • •	• • •
fixation of thermo insulating materials	*	*	*	• •	*	• • •	• • •

• • • dedicated • • recommended • possible * test or consult an expert

FLOORING SYSTEM

Levelling Compounds and Primers



PRIMERS

- WB-280 Primer for Non-Absorbent Substrates
- WB-290 Primer for Absorbent Substrates - Concentrate
- EB-270 Epoxy Primer

LEVELLING COMPOUNDS

- RC-001 Emergency Repair Compound
- LC-700 Sturdy Levelling Compound for Repairs
- LC-700 plus Stable Fast-Drying Levelling Compound
- LC-702 Liquid Levelling Compound
- LC-705 Self-Levelling Compound up to 5 mm
- LC-710 – Classic Self-Levelling Compound up to 10 mm
- LC-720 Anhydride Self-Levelling Compound up to 20 mm
- LC-735 Cement Screed up to 35 mm
- LC-760 Cement Screed up to 60 mm

WB-280

Primer for Non-Absorbent Substrates

One-component primer designed for smooth and non-absorbent substrates. It is ideal for application on old ceramic tiles, PVC, CV flooring, linoleum, natural stone, terrazzo, bitumen substrates, original epoxy paints, OSB boards , wooden bases etc.
We do not recommend using the primer on surfaces permanently exposed to water.

Applications:
- roller, brush
- Cleaning of tools: with water immediately after use

Benefits:
- for interior and exterior use
- fast-drying, ready-made substance
- solvent-free
- resistant to water
- for walls and floors
- for floor heating systems
- free of unpleasant smell

Technical parameters:
- Coverage / layer: 0.1 – 0.13 l/m², undiluted
- Temperature during application: min. + 15°C
- Drying time at 20°C / 50% r.h.: 0.5 – 1 hour
- Temperature resistance: < +50°C

WB-290

Primer for Absorbent Substrates - Concentrate

Primer for absorbent substrates which reduces absorption of water, increases adhesion of the substrate and protects dry construction materials, e.g. plaster substrates, against moisture. When mixed with a cement compound, it creates an ideal bonding slurry for application in demanding conditions or on difficult substrates. For interior and exterior use.
WB-290 is ideal for use on concrete, cement compounds, plaster substrates, fast-drying screeds etc.

Applications:
- roller, brush
- Cleaning of tools: with water immediately after use

Benefits:
- odourless and solvent-free
- with pigment for identification of treated surfaces
- for floor heating systems
- can be diluted with water up to the proportion of 1:5
- for walls and floors

Technical parameters:
- Coverage / layer: 0.04 – 0.1 l/m², depending on absorption of the substrate and mixing ratio
- Temperature during application: min. + 15°C
- Drying time at 20°C / 50% r.h.: ca. 10 – 30 minutes
- Drying on plaster substrates: 24 hours to create a separation layer

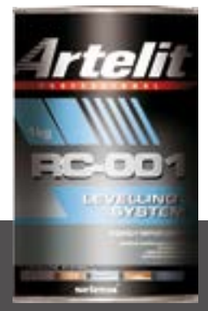
EB-270

Epoxy Primer

This epoxy primer is ideal for preparation of substrates with increased residual moisture ≤ 4.0% CM. Can be applied on absorbent, non-absorbent and smooth substrates, vertical and horizontal surfaces. Can be diluted with water (up to 1.5 l), according to the type of application.
The primer is suitable for interior and exterior use.

Benefits:
- easy application using a roller or brush
- forms an ideal contact layer in connection with silica sand
- free of solvents according to TRGS 610
- for floor heating systems
- excellent penetration into the substrate
- high spreading rate

Technical parameters:
- Working time: up to 2 hours
- Ready for foot traffic: 30 – 60 minutes
- Coverage: 0.2 – 0.35 kg/m² with two-layer coating



RC-001

Emergency Repair Compound

This polyester resin with hardener is ideal for stitching of concrete, filling cracks, fissures and holes in cement screeds and concretes. It can also be used for anchoring of metal parts, natural and artificial stone and for installation of wooden floor boards (together with nails). The packaging includes metal clips for reinforcing of the seam and a hardener for adjustment of the working time.

Note: For repairing of fissures in bitumen substrates, we recommend using polyurethane compound PB-985.

Benefits:
- water-free
- for floor heating systems
- for high loads
- for interior and exterior areas

Technical parameters:
- Working time: up to 15 minutes
- Possibility of full loading: after 30 – 60 minutes
- Coverage: 1.5 kg/ l
- Temperature resistance: < + 50°C

LC-700

Sturdy Levelling Compound for Repairs

Recommended for repairs of fissures, levelling and smoothing of the substrate, for correcting of minor unevenness and holes with a thickness up to 10 mm. For interior use.

Benefits:
- high hardness and strength
- minimum internal stress
- for floor heating systems
- suitable for castor wheel load(in case of layers thicker than 2 mm)

Technical parameters:
- Working time: ca. 15 min.
- Ready for foot traffic: ca. 30 min.
- Ready for covering: after 4 hours
- Coverage: ca. 1.5 kg/m²/mm
- Pressure strength: < 25.0 MPa
- Tensile strength under bending: < 7.0 MPa

LC-700 plus

Stable Fast-Drying Levelling Compound

LC-700 PLUS is a cement-based fast-drying levelling compound with a content of artificial resin, suitable for interior and exterior use. For repairs of the substrate on vertical and horizontal surfaces. It is ideal for rougher and fast repairs under plinths, on staircases, for filling of hollows and unevennesses from 2 to 30 mm, up to 100 mm if sand is added.

Benefits:
- stable and fast drying
- resistant against water
- Ready for covering
- high hardness and strength
- suitable for floor heating systems
- with very low internal stress
- to achieve a thicker layer, sand can be added without any impact on strength
- suitable for castor wheel load (in case of layers thicker than 1 mm)

Technical parameters:
- Working time: ca. 15 min. at +18°C
- Ready for foot traffic: after ca. 45 min.
- Installation of flooring: after 24 hours for textile or elastic flooring (for layers 10 mm thick)
- Temperature during application: above +5°C
- Coverage of material: ca. 1.6 kg/m²mm,
- As a contact layer: ca. 0.7 kg/m²mm

LC-702
Liquid Levelling Compound

Ready-to-use levelling compound for immediate application. For levelling and smoothing of local unevenness prior to the installation of thin elastic flooring. Levelling layer of 2 – 3 mm.

Benefits:
- for interior use- minimal shrinking
- for fast application
- contains mould-preventing additives

Technical parameters:
- Ready for covering: ca. 48 h
- Coverage: ca. 1.5 kg/m² /mm

LC-705
Self-Levelling Compound up to 5 mm

Fast-drying, self-levelling, thin-layer mixture suitable for levelling of substrates before installation of flooring, such as PVC, linoleum, carpets or cork tiles. Ideal for vinyl components. For interior use.

Benefits:
- very hard and strong
- minimal internal stress
- possible application by pump
- for floor heating systems
- suitable for castor wheel load (in case of layers thicker than 2 mm)

Technical parameters:
- Working time: ca. 30 min.
- Ready for foot traffic: ca. 3 h
- Ready for covering: ca. 24 h
- Coverage: ca. 1.5 kg/m² /mm
- Pressure strength: < 20.0 MPa
- Tensile strength under bending: < 6.1 MPa

LC-710 Classic
Self-Levelling Compound up to 10 mm

Fast-drying, self-levelling, thin-layer compound for levelling of the substrate before installation of flooring, such as PVC, carpet, cork, linoleum or parquets. For interior use.

Benefits:
- very hard and strong
- minimal internal stress
- possible application by pump
- for floor heating systems
- suitable for castor wheel load(in case of layers thicker than 2 mm)

Technical parameters:
- Working time: ca. 30 min.
- Ready for foot traffic: ca. 3 h
- Ready for covering: ca. 24 hours (with 5 mm layer) or 48 hours (with 10 mm layer)
- Coverage: ca. 1.5 kg/m² /mm
- Pressure strength: < 20.0 MPa
- Tensile strength at bending: < 6.1 MPa

Artelit PROFESSIONAL FLOORING SYSTEM

LC-720
Anhydride Self-Levelling Compound up to 20 mm

This self-levelling anhydride-based compound is especially designed for use on anhydride screeds, however, it can also be applied on cement, bitumen and wooden substrates.
The compound is optimal for all types of flooring, including parquets. For interior use only.

Benefits:
- very low emission EC1
- minimal internal stress
- possible application by pump
- for floor heating systems
- suitable for castor wheel load (in case of layers thicker than 1,5 mm)

Technical parameters:
- Working time: ca. 30 min.
- Ready for foot traffic: ca. 3 h
- Ready for covering: ca. 24 hours (with the thickness of 5 mm), value 0.5% CM
- Coverage: ca. 1.5 kg/m² /mm
- Pressure strength: < 36.7 MPa
- Tensile strength at bending: < 11.9 MPa

LC-735
Cement Screed up to 35 mm

Product used to ensure a smooth surface prior to the installation of all types of floor coverings: textile carpets, PVC, parquets, ceramic tiles and stone tiles. Can be applied in areas temporarily subjected to increased humidity (bathrooms, kitchens, basements, garages). Can be used with electrical floor heating systems – the minimum thickness should be 25 mm.

Benefits:
- easy to apply
- layer thickness 5-35 mm
- suitable for floor heating systems

Technical parameters:
- Working time: approx. 20 min.
- Ready for foot traffic: approx. 6 h
- Ready for covering: approx. 48 h
- Coverage: approx. 1,7 kg/m2 /mm

LC-760
Cement Screed up to 60 mm

For rougher levelling, layer thickness from 3 to 60 mm. For interior and exterior use. Due to the minimal ratio of mixing with water (only 4.5 l / 25 kg of dry mixture), it has very low shrinkage rate and excellent properties. It is optimal for levelling of concrete, cement screeds, bitumens cat. IC 10 and IC 15 according to DIN 18 354 and DIN 18 560 etc.

Benefits:
- very low emissions
- resistant against freezing and water
- minimal volume changes
- suitable for floor heating systems
- sand can be added without reducing of strength
- possible application by pump
- suitable for chair casters
- low content of chrome

Technical parameters:
- Working time: ca. 40 minutes at +18 °C
- Application temperature: +5 to +25°C
- Pressure strength: > 35MPa
- Ready for foot traffic: after ca. 4 hours
- Ready for covering: after 24 hours with the layer thickness up to 10 mm
- Coverage: ca. 1.7 kg/m² /mm

Artelit PROFESSIONAL
FLOORING SYSTEM

Floor Covering Adhesives

- WB-965 Carpet Adhesive
- WB-975 PVC Adhesive
- WB-976 Linoleum Adhesive
- WB-977 Conductive Adhesive for Floor Coverings
- WB-981 Special Universal Adhesive for Floor Coverings
- WB-982 Universal Dispersion Adhesive for Floor Coverings
- WB-984 Fixing Adhesive
- PB-985 2C PU Adhesive for Elastic Coverings
- SB-510 Universal Contact Adhesive

WB-965
Carpet Adhesive

Dispersion adhesive free of organic solvents. It features high initial bonding strength and short time of vapouration. It is suitable for bonding of textile lining with synthetic or jute-fibre back face, with latex or foam back face, as well as for bonding of a number of other types of textile lining (coconut, sisal hemp fibre). It is designated for all absorbent substrates in interiors, such as concrete, levelling compounds, wooden chip boards, wooden floors etc. The adhesive can also be used for bonding of PVC lining with textile base in public utility and residential areas. Also, it is suitable for bonding of mineral wool with all absorbent substrates. In order to increase adhesion, we recommend using ARTELIT primers WB-290 or WB-291.

Benefits:
- odour-free, smooth creamy consistence
- high bonding power
- resistant against shampooing
- suitable for floor heating systems and chair castors
- fast and easy application
- short time of vapouration

Technical parameters:
- Vapouration time: ca. 10 minutes
- Working time: up to 20 min. (at +20°C)
- Full loading: after 72 hours
- Coverage: 0.4 kg/m² (A2 racking)
  0.45 – 0.55 kg/m² (B1, B2 racking)

WB-975
PVC Adhesive

Dispersion adhesive for bonding of floor coverings made of PVC and CV, textile lining with foam base – smooth or embossed, with latex layer or PU base on suitable absorbent substrates in interiors. Free of solvents and designed for horizontal and vertical surfaces. The adhesive has very good adhesion with common porous construction substrates, such as concrete, cement substrates, anhydride- and cement-based levelling compounds. In order to increase adhesion, we recommend using ARTELIT primer WB-290 or WB-291.

Benefits:
- high initial bonding power
- long open time
- suitable for floor heating systems and chair castors
- fast and easy application
- short time of vapouration

Technical parameters:
- Vapouration time: ca. 10 - 15 minutes
- Working time: 60 - 70 min. (at +20°C)
- Final strength: after 72 hours
- Coverage: 0.3 – 0.35 kg/m² (A1 – A4 racking)

WB-976
Linoleum Adhesive

Special dispersion adhesive for bonding of rolled linoleum, and cork linoleum on all suitable substrates in interiors.

Benefits:
- high bonding power
- strong fibre tension
- suitable for floor heating systems and chair castors
- fast and easy application
- very short time of vapouration

Technical parameters:
- Vapouration time: ca. 5 minutes
- Working time: 20 min. (at +20°C)
- Final strength: after 72 hours
- Coverage: 0.4 kg/m² (B1 racking)

Artelit PROFESSIONAL FLOORING SYSTEM

WB-977
Conductive Adhesive for Floor Coverings

Unique dispersion adhesive free of organic solvents, suitable for bonding of flooring with electrostatically conductive or antistatic treatment made of PVC, synthetic rubber and linoleum on suitable substrates in interiors. It is not necessary to use a conductive primer. High content of carbon fibres ensures strong conductivity and facilitates assembling – only 1 common metre of copper strip is required for 30 – 50 m².

Benefits:
- light colour of adhesive
- for all common absorbent substrates
- high bonding power
- with strong fibre tension
- suitable for floor heating systems and chair castors
- fast and easy application
- short time of vapouration
- very low rate of EC1 emissions
- resistant against shampooing of flooring
- resistant against softeners

Technical parameters:
- Time of Vapouration: ca. 10 minutes
- Working time: 30 min. (at +20°C)
- Final strength: after 72 hours
- Coverage: 0.4 kg/m² (B1 racking)
- Electrical resistance: < 3x105 Ω according to DIN EN 14 259

WB-981
Special Universal Adhesive for Floor Coverings

This adhesive is suitable for bonding of floor coverings made of PVC and CV, textile lining with foam base, smooth and embossed base, latex layer, PU layer, for bonding of linoleum, cork coverings, coverings of natural and synthetic rubber, or for bonding of mats dampening stepping noise. Also suitable for bonding of vinyl coverings. This adhesive has excellent adhesion to all porous construction substrates in interiors.

Benefits:
- for all common absorbent substrates
- suitable for walls and floors
- high bonding power
- strong fibre tension
- for floor heating systems and chair castors
- fast and easy application
- short time of vapouration
- resistant against shampooing of coverings
- resistant against softeners

Technical parameters:
- Time of vapouration: ca. 10 – 60 min. according to absorption of the substrate
- Working time: 20 - 60 min. (at +20°C)
- Final strength: after 72 hours
- Coverage: 0.2 kg/m² (application by roller)
  0.2 – 0.3 kg/m2 (A1 – A4 racking)
  0.3 – 0.5 kg/m2 (B1 – B3 racking)

WB-982
Universal Dispersion Adhesive for Floor Coverings

This adhesive is suitable for bonding of PVC floor coverings (homogenous and heterogeneous, in rolls ortiles), PVC coverings with natural or synthetic base, all textile linings, and felt carpets on absorbent substrates in interiors.

Benefits:
- solvent-free
- for all common absorbent substrates
- high bonding power
- suitable for floor heating systems and chair castors
- fast and easy application
- short time of vapouration
- resistant against softeners

Technical parameters:
- Vapouration time: ca. 5 min.
- Working time: 30 min. (at +20°C)
- Final strength: after 72 hours
- Coverage:
  0.25 – 0.35 kg/m² (A1 – A4 racking)
  0.35 – 0.6 kg/m² (B1 – B3 racking)

WB-984
Fixing Adhesive

Suitable for removable fixing of textile lining with various bases, CV coverings and anti-slip coating coverings on substrates in interiors.

Benefits:
- for all common absorbent substrates
- can be applied on smooth substrates by roller
- high bonding power
- strong fibre tension
- suitable for floor heating systems and chair castors
- fast and easy application
- short time of vapouration
- very low rate of EC1 emissions
- can be mixed with up to 50% water to reduce adhesion
- resistant against shampooing of coverings
- no need to use a previous penetration paint

Note: Once the covering is removed, adhesive can be easily removed by cleaning agents

Technical parameters:
- Time of Vapouration: ca. 20 – 90 min.
- Working time: 2 hours (at +20°C)
- Final strength: after 72 hours
- Coverage:
  0.1 – 0.2 kg/m² (application by roller)
  0,15 – 0,25 kg/m² (A1 – A4 racking)

PB-985
2C PU Adhesive for Elastic Coverings

Two-component adhesive for bonding of heavy-duty elastic coverings, especially PVC, rubber coverings in cartridges and bands, for bonding of artificial grass and other materials on absorbent and non-absorbent substrates in interior and exterior. Also suitable for various applications in other construction works.

Benefits:
- for all absorbent and non-absorbent substrates
- high bonding power
- suitable for floor heating systems and chair castors
- fast and easy application
- without volume changes even for thicker layers
- solvent- and water-free

Note: This PU adhesive can also be used as a corrective filler for filling of cracks and holes in base layers. Subsequent dressing by silica sand is necessary.

Technical parameters:
- Time of Vapouration: immediate application
- Working time: 70 minutes (at +20°C)
- Final strength: after 72 hours
- Coverage:
  0.2 kg/m² (A2 racking)
  0.5 – 1.0 kg/m² (B1 – B3 racking)

SB-510
Universal Contact Adhesive

Adhesive based on synthetic resins and rubber. Suitable for contact bonding during various flooring and construction works. The adhesive has very good adhesion to absorbent and non-absorbent surfaces, such as metal, concrete, stone, plasterboard, PVC, rubber (gum), felt, cork, textile or leather. It does not contain toluene.

Benefits:
- for all absorbent and non-absorbent substrates
- for interior and exterior use
- highly durable and permanently flexible bond
- economical packaging
- free of water
- for floor heating systems
- fast and easy application
- free of toluene

Technical parameters:
- Vapouration time: contact bonding - immediate application
- Working time: 25 - 45 minutes (at +20°C)
- Final strength: after 72 hours
- Coverage:
  0.2 – 0.3 kg/m²

PRIMERS FOR LEVELLING COMPOUNDS

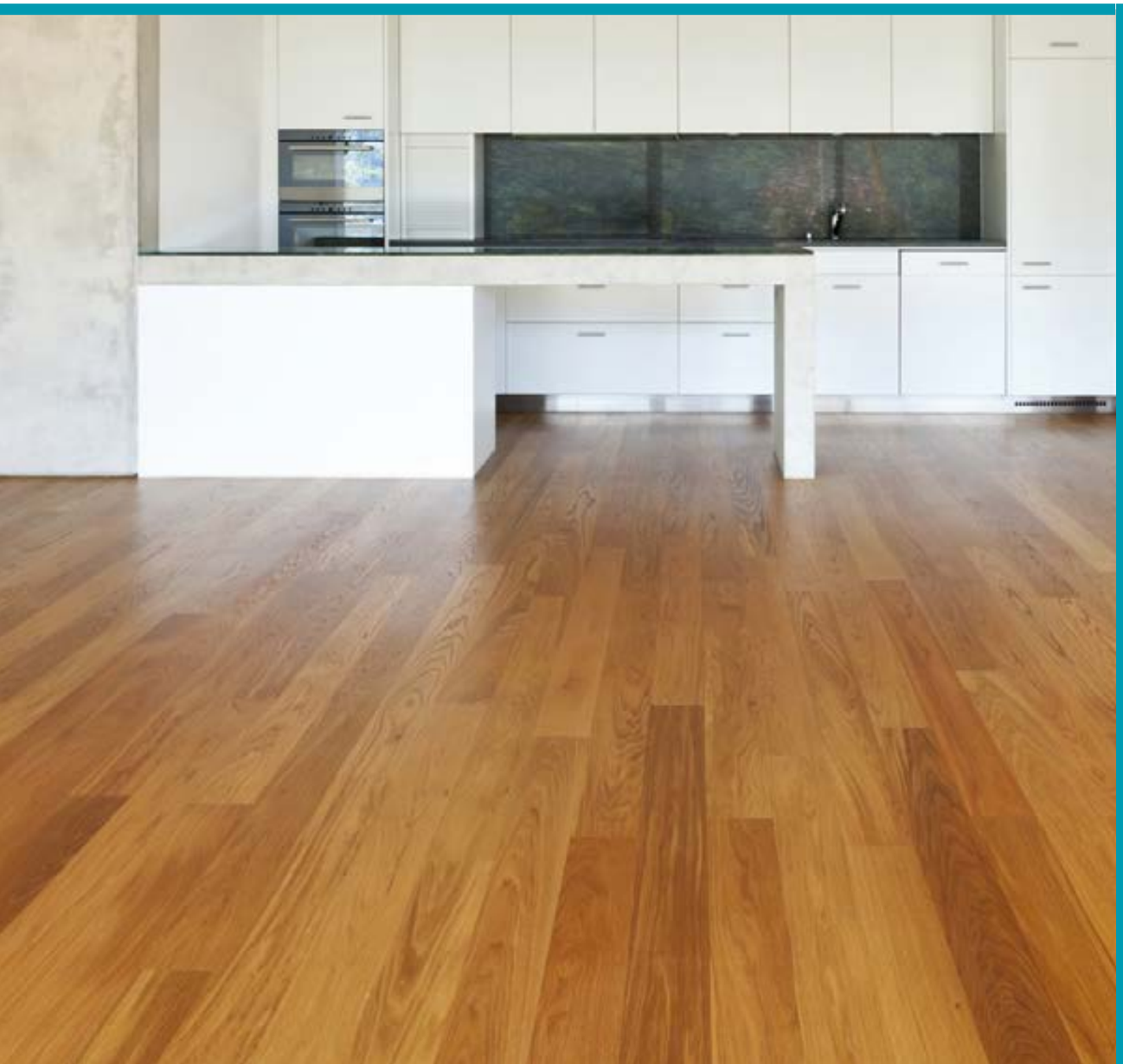
ARTELIT PRIMERS	WB-280	WB-290	EB-270
chemical base	dispersion	dispersion	epoxy
consumption (kg/m²) *	0,1 - 0,13	0,05 - 0,08	0,2 - 0,25 (0,35 without water)
density (g/m³)	1,3	1,04	1,1
drying time	30-60 min	10-30 min	30-60 min
application of next layers	30-60 min	10-30 min	after 24 h
TECHNICAL FEATURES			
number of layers	1	1	2
dilute with water	no	yes, 1:3 or 1:5	yes, max 2 liters for one package**
sanding with silica sand	no	no	yes
colour	turquoise	blue	green
TYPE OF SUBSTRATE			
absorbent	▫	■	■
non absorbent	■	□	■
bitumen	■	▫	■
concrete	■	■	■
rapid screed	▫	■	■
terazzo	■	□	■
cement levelling screed	▫	■	■
anhydrite screed	▫	■	■
wooden	■	■	■
ceramic tiles	■	▫	■
natural stone	■	▫	■
OSB, chipboard V 100	■	□	■
residues of synthetic adhesives	■	▫	■
tightly glued PVC, CV, rubber, linoleum	■	□	■
steel and other metals	□	□	■
magnesite	□	□	■
underfloor heating	■	■	■
ENVIRONMENT			
areas with high or permanent humidity	▫	□	■
substrates with high humidity (<4%)	□	□	■
interior	■	■	■
exterior	■	□	■
wall and floor	■	■	■

* depends on the absorbency of the substrate
** only on absorbent substrates

■ RECOMMENDED
▫ CONDITIONALLY RECOMMENDED
□ NOT RECOMMENDED

FLOORING SYSTEM

Parquet Adhesives and Primers



- SB-210 Solvent Primer
- PB-230 1C PU Primer
- PB-235 Low-emission 1C PU Primer

- SB-870 Synthetic Adhesive for Parquet
- RB-860 Rubber Adhesive for Parquet
- PB-835 1C PU Adhesive for Parquet
- PB-890 2C PU Adhesive for Parquet
- PB-890 R 2C PU Adhesive for Parquet - Rapid
- HB-810 STP Hybrid Adhesive for Parquet
- HB-820 STP Hybrid Adhesive for Parquet

SB-210
Solvent Primer

This synthetic resin primer is designed for treatment of absorbent and non-absorbent substrates prior to the application of synthetic resin and rubber based adhesives for parquets (e.g. Artelit RB-860 Rubber adhesive for parquets). The primer is suitable for most construction substrates, such as concrete, cement and anhydride compounds, dressing mixtures and wood. Its reddish colour facilitates identification of prepared surfaces.

Applications:
- Application by a mop or brush
- Cleaning of tools: petroleum, acetone

Benefits:
- accelerates drying of adhesives
- reduces Coverage of adhesives
- reinforces the surface of the substrate
- penetrates deeper into pores
- improves resistance of the base material against water
- easy application

Technical parameters:
- Ready for covering: 12-24 h (at +20°C).
- Coverage: 0.2-0.5 l/m²
- Mixing ratio:
  1: 1 for absorbent substrates (petroleum, acetone)
  1: 2 for non-absorbent substrates

PB-230
1C PU Primer

One-component PU primer used prior to the application of polyurethane based adhesive for parquets (such as ARTELIT PB-830, ARTELIT PB-890). It is designed for dusty absorbent and non-absorbent construction substrates. The pink colour facilitates identification of prepared surfaces.

Applications:
- Application by a mop or brush
- Cleaning of tools: with solvent

Benefits:
- improves adhesion of PU adhesives
- reduces Coverage of adhesives
- reinforces the surface of the substrate
- binds dust
- improves water resistance of base material
- fast and easy application
- suitable for floor heating systems

Technical parameters:
- Ready for covering: 24 hours (at +20°C).
- Coverage: 0.25 – 0.45 l/m²
- Mixing ratio:
  1: 1 for absorbent substrates (petroleum, acetone)
  1: 2 for medium absorbent substrates
  1: 2 for non-absorbent substrates

PB-235
Low-Emission 1C PU Primer

This one-component, fast-drying, polyurethane-based primer is designed for interior and exterior use on absorbent and non-absorbent construction surfaces. The primer is ideal for use on dusty surfaces. It ensures even absorption of the substrate and easy application of the adhesive. For use prior to the application of PU based parquet adhesives (Artelit PB-830, Artelit PB-890) and STP Hybrid polymer (Artelit HB-810). PB-235 is suitable for use on such substrates as concrete, wood, anhydride compounds, levelling compounds or wooden-fibre boards.

Benefits:
- improves adhesion of PU and STP adhesives
- reduces Coverage of adhesives
- reinforces the surface of the substrate
- binds dust
- improves resistance of base material against water
- fast and easy application
- suitable for floor heating systems

Technical parameters:
- Ready for covering: 90 min (at +20°C).
- Coverage: 0.15 – 0.4 l/m².

SB-870
Synthetic Adhesive for Parquet

This synthetic resin based adhesive is suitable for bonding of standard, lamellar and ready-made parquets, for common and industrial mosaics, for bonding of wooden floors, including OSB boards etc. It has good adhesion to common construction substrates, such as concrete, cement and anhydride compounds and wooden surfaces.

Applications:
- Application: with a notched trowel
- Cleaning: with water or acetone before hardening

Note: This adhesive does not contain water, which makes it ideal for use with moisture-sensitive parquets. Not recommended for exotic wood.

Benefits:
- high initial bonding power
- easy application
- very good resistance against ageing and moisture
- permanently flexible bond
- water-free
- for floor heating systems
- fast and easy application

Technical parameters:
- Solid content: 70 ± 2 %
- Working time: 10-15 min (at +20°C).
- Coverage: 0.7-1.2 kg/ m² (B2 – B3 racking)
- Sanding and varnishing: 2 – 3 days after installation

RB-860
Rubber Adhesive for Parquet

This SBR rubber based adhesive is suitable for bonding of standard, lamellar and multi-layer parquets (as well as for bonding of wood sensitive to moisture, e.g. beech, birch, oak), mosaics and cork on common construction surfaces, such as concrete, cement and anhydride compounds, levelling compounds and wood.

Applications:
- Application: with a spreader
- Cleaning: denaturized alcohol before Ready for covering

Note: This adhesive does not contain water, which makes it ideal for use with moisture-sensitive parquets. Not recommended for exotic woods.

Benefits:
- high initial bonding power
- easy application
- very good resistance against ageing and moisture
- permanently flexible bond
- water-free
- suitable for floor heating systems
- fast and easy application

Technical parameters:
- Solid content: > 70 %
- Working time: 10-15 min (at +20°C).
- Coverage: 0.65-1.3 kg/m² (B2 – B3 racking)
- Sanding and varnishing: 3 - 4 days after installation

PB-835
1C PU Adhesive for Parquet

One-component adhesive, solvent- and water-free. It is especially designed for strong and flexible bonding of all types of parquets on absorbent and non-absorbent construction surfaces. Especially good on substrates of ceramic tile pavement, natural stone and wood. Suitable for bonding of exotic woods. Available in an innovative type of packaging containing 3x5 kg packs in a separate foil.

Benefits:
- high initial bonding power
- very good resistance against ageing, moisture and temperature changes
- permanently flexible bond
- free of solvents and harmful volatile substances
- water-free
- suitable for floor heating systems
- fast and easy application

Technical parameters:
- Solid content: > 70 %
- Working time: up to 70 min (at +20°C).
- Coverage:
  0.5-0.9 kg/m² (smooth substrates)
  0.9-1.7 kg/m² (rough and uneven substrates)
- Sanding and varnishing: 1.5 - 2 days after installation
- Ready for foot traffic: after 24 hours

PB-890
2C PU Adhesive for Parquet

This water and solvent-free polyurethane adhesive is designed for bonding of all types of parquets, especially for parquets with the thickness of 10 mm, for wooden planks up to 22 mm, wooden blocks, parquets of beech, maple and exotic woods. Has very good adhesion to absorbent and non-absorbent construction substrates, such as concrete, cement and anhydride compounds, levelling compounds, wood etc.

Benefits:
- high strength parameters
- very good resistance against ageing, moisture and temperature changes
- permanently flexible bond
- suitable for floor heating systems
- fast and easy application

Technical parameters:
- Solid content: 100 %
- Working time: < 90 min (at +20°C).
- Coverage: 0.7-1.5 kg/m² (smooth substrates)
- Sanding and varnishing: 3 days after installation
- Ready for foot traffic: after 24 hours

PB-890 R
2C PU Adhesive for Parquet – Rapid

This two-component, water and solvent-free adhesive is designed for bonding of all types of parquets, especially with the thickness of 10 mm, wooden planks up to 22mm, wooden blocks, parquets of beech, maple and exotic woods. Has very good adhesion to absorbent and non-absorbent construction substrates, such as concrete, cement and anhydride compounds, levelling compounds, wood etc. To increase adhesion, the use of ARTELIT Polyurethane primer PB-235 or PB-230 is recommended.

Benefits:
- long working time – up to 60 minutes
- easy spreading
- very good adhesion
- highly flexible bond
- excellent resistance against moisture and ageing
- suitable for floors with floor heating systems

Technical parameters:
- Working time: < 90 min. (at +20°C)
- Sanding: after 72 hours
- Final strength: 3 days
- Coverage: 0.7-1.5kg/m²

HB-810
STP Hybrid Adhesive for Parquet

Adhesive based on a hybrid polymer. It does not contain isocyanides, solvents or water. It is suitable for bonding of various types of flooring; it is ideal for installation of parquets and wooden floors, including difficult types of wood, such as: beech, maple, exotic woods and all types of wood sensitive to moisture.

Benefits:
- very good adhesion to the substrate
- high torsional strength
- very good resistance against ageing, moisture and temperature changes
- permanently flexible bond
- suitable for floor heating systems
- fast and easy application

Technical parameters:
- Solid content: 90 %
- Working time: < 90 min (at +20°C).
- Coverage: 0.65 – 1.2 kg/m²
  (depending on the substrate and spreader type)
- Sanding and varnishing: 3 days after installation
- Final strength: 7 days

HB-820
STP Hybrid Adhesive for Parquet

Adhesive based on a hybrid polymer. It does not contain isocyanides, solvents or water. It is suitable for bonding traditional parquet, laminated parquet, resin-impregnated parquet flooring and varnished parquet. Recommended for European and exotic parquet (teak, bamboo, etc.). It adheres perfectly to most substrates such as wood, concrete and stone.

Benefits:
- very good adhesion to the substrate
- very good resistance against ageing, moisture and temperature changes
- flexible bond
- suitable for floor heating systems
- fast and easy application

Technical parameters:
- Solid content: 90 %
- Working time: < 90 min (at +20°C)
- Coverage: 0.8 – 1.4 kg/m²
  (depending on the substrate and spreader type)
- Sanding and varnishing: 3 days after installation
- Final strength: 7 days

Artelit PROFESSIONAL
FLOORING SYSTEM

Wooden Floor Finish

- FS-415 Solvent-Based Parquet Filler
- FW-400 Water-Based Parquet Filler
- S-460 Solvent-Based Priming Varnish
- W-430 Water-Based Primer
- PW-460 2C PU-Based Varnish
- PA-470 1C Acrylic PU-Based Varnish
- PW-480 1C Water PU-Based Varnish
- AB-441 2C Acid Varnish
- KH-440 1C Alkyd Varnish
- OL-610 Fast-drying Parquet Oil
- OL-610 Hardener for Oil
- OL-610 Thinner for Oil
- OL-611 Colour Oil Pigment
- OL-620 Parquet Oil
- OL-650 Oil-Wax for Parquet
- PM-100 Floor Cleaner
- PM-120 Parquet Care
- OL-670 Wax
- OL-680 Soap for Oil
- OL-690 Oil Care

FS-415
Solvent-Based Parquet Filler

For filling of joints with the width up to 2 mm. It is ideal for all types of parquet and wooden floors.

Applications:
- Double stainless steel filler knife

Benefits:
- very fast Ready for covering
- very good sandability
- excellent filling properties
- very good adhesion to edges
- for immediate use

Technical parameters:
- Coverage / layer: 0.05 – 0.10 l/m²
- Drying time at 23°C / 50% r.h.:
  15 – 30 minutes for one layer (depending on the size of the joint, temperature and vapouration)

FW-400
Water-Based Parquet Filler

For filling of joints with the width up to 2 mm. It is ideal for all types of parquet and wooden floors.

Applications:
- Double stainless steel filler knife
- Cleaning: with water immediately after use

Benefits:
- very fast drying
- very good sandability
- excellent filling properties
- can be mixed with sawdust of all types of wood
- for immediate use

Technical parameters:
- Coverage / layer: 0.05 – 0.07 l/m²
- Drying time at 23°C / 50% r.h:
  30 - 60 minutes for one layer (depending on the joint size, temperature and Vapouration)

S-460
Solvent-Based Priming Varnish

One-component priming varnish for all types of parquet and wooden floors.

Applications:
- By roller
- Cleaning of tools: with solvent

Benefits:
- especially suitable for exotic woods and old floors
- fast drying
- warm grain accentuation
- no edge gluing
- for immediate use

Note:
Seek technical advice when applying the product on smoke oak or strongly absorbent types of wood.

Technical parameters:
- Coverage / layer: 0.08 – 0.10 l/m²
- Drying time at 23°C / 50% r.h.:
  second layer after 1 hour
  varnishing after 2 – 3 hours
- Maximum time for application of top coating:
  18 hours

W-430
Water-Based Primer

W-430 is a one-component primer for all types of parquet and wooden floors.

Applications:
- With a roller of stainless knife
- Cleaning of tools: with water immediately after use

Benefits:
- fast drying
- high content of dry matter
- reduced edge gluing
- for immediate use

Technical parameters:
- Coverage / layer: 0.1 – 0.15 l/m²
- Drying time at 23°C / 50% r.h.:
  2 hours after application with a roller
  30 min after application with a spreader
- Maximum time for application of the top coating:
  12 hours

PW-460
2C PU-Based Varnish

Parquet varnish based on PU resin in water dispersion. It provides an optimal protection of parquet and other wooden floors in heavy traffic areas.
Available in gloss, semi-gloss, matt.

Applications:
- Roller
- Cleaning of tools: with water immediately after use
- Mixing ratio: 10: 1

Note:
It is not suitable for direct use on smoke oak or on exotic and fruit-tree wood. In such cases, we recommend using Artelit primer S-460 first.

Benefits:
- NMP- free
- easy application with a roller
- high saturation of coating
- high mechanical resistance

Technical parameters:
- Coverage / layer: 0.1 – 0.15 l/m2
- Pot life: 2 hours
- Drying time at 23°C / 50% r.h.:
  second layer after 4 - 6 hours
  careful use after 48 hours
  final hardness after 7 - 10 days

PA-470
1C Acrylic PU-Based Varnish

Parquet varnish based on a PU-acrylate resin. It provides an optimal – high quality and ecological – protection of parquets and other wooden floors in residential areas.
Available in semi-gloss.

Applications:
- Roller
- Cleaning of tools: with water immediately after use

Note:
It is not suitable for direct use on smoke oak or on exotic and fruit-tree wood. In such cases, we recommend using Artelt primer S-460 first.

Benefits:
- one-component varnish free of NMP
- easy application with a roller
- for residentialareas
- minimum negative impact on wood
- good resistance against shoe heels and scratching

Technical parameters:
- Coverage / layer: 0.1 – 0.15 l/m²
- Drying time at 23°C / 50% r.h.:
  second layer after 3 - 5 hours
  careful use after 48 hours
  final hardness after 7 - 10 days

PW-480
1C Water PU-based Varnish

Parquet varnish based on a PU-resin dispersed in water. It provides an optimal – high quality and ecological – protection of parquets and other wooden floors in high traffic areas. Available in gloss, semi-gloss, matt.

Applications:
- Roller
- Cleaning of tools: with water immediately after use

Note:
It is not suitable for direct use on smoke oak or on exotic and fruit-tree wood. In such cases, we recommend using Artelit primer S-460 first.

Benefits:
- one-component varnish free of NMP
- easy application with a roller
- for high traffic areas
- minimum negative impact on wood

Technical parameters:
- Coverage / layer: 0.1 – 0.15 l/m²
- Drying time at 23°C / 50% r.h.:
  second layer after 3 - 5 hours
  careful use after 48 hours
  final hardness after 7 - 10 days

AB-441
2C Acid Varnish

Two-component acid curing varnish dedicated for use in high traffic areas.. Especially developed for interior wooden surfaces, suitable for floors and stairs thanks to its high abrasion resistance. Can be applied with a roller (or by spraying for stairs; airless or cup spray gun is also possible).

Benefits:
- very high abrasion resistance
- quick curing
- high solid content
- application with a roller, metal trowel or spray

Technical parameters:
- Coverage / layer: 0.1 – 0.15 l/m²
- Drying time at 23°C / 50% r.h.:
  second layer after 3 - 4 hours
  careful use after 24 hours
  final hardness after 7 - 10 days

KH-440
1C Alkyd Varnish

One-component sealing coat based on a high-quality urethanised alkyd in mild (de-aromatised) solvents. Sealing of all parquet, wooden, and cork floors (incl. problematic floors such as parquet flooring installed on floor heating, sports floors, industrial parquet flooring, wood-block paving).

Benefits:
- anti slip
- high solid content
- easy to apply

Technical parameters:
- Coverage / layer: 0.08 – 0.1 l/m²
- Drying time at 23°C / 50% r.h.
  second layer after 14 - 16 hours
  careful use after 48 hours
  final hardness after 10 - 14 days

Artelit PROFESSIONAL FLOORING SYSTEM

OL-610
Fast-drying Parquet Oil

Designed for parquets and other wooden floors. To improve mechanical and chemical resistance of the floor (and to achieve faster drying as well), we recommend to mix it with the OL-610 Hardener in the ratio of 10:1.

Applications:
- Roller

Benefits:
- based on natural oil
- high solid content
- free of solvents according to TRGS 617
- easy and fast application

Technical parameters:
- Coverage / layer: 0.025 – 0.04 l/m²
- Drying time at 23°C / 50% r.h.:
  second layer after 1 hour
  coating with water-based varnish after 24 hours
  coating with solvent-based varnish after 48 hours

OL-610
Hardener for Oil

Isocyanide-based hardener. Mixes easily with OL-610. Improves mechanical and chemical resistance of the floor, speeds up drying.

Technical parameters:
- 10 parts of OL-610 and 1 part of Hardener OL-610
- Pot life: 2 hours at 23°C / 50% r.h.

OL-610
Thinner for Oil

Thinner compatible with varnishes KH-440 Sport, AB-441 or the oil line. Also suitable for cleaning of tools or polluted surfaces. Thinned materials are more fluid and penetrate better and deeper into timber structure. However, it reduces the content of dry matter.

Benefits:
- free of aromatic substances

OL-611
Colour Oil Pigment

Designed for parquets and other new or original wooden floors. It is characterised by fast and easy application. Coloured floor can also be treated with the 2C water-based varnish AB-441, urethane-alkyd varnish KH-440 or oil wax OL-650. Available colours: teak, smoke oak, olive, white, grey, and nut.

Applications:
- Roller

Benefits:
- based on natural oil
- wide colour range
- easy application
- colour shades can be mixed together
- enables varnishing for better resistance

Technical parameters:
- Coverage / layer: 0.025 – 0.04 l/m²
- Drying time at 23 °C / 50% r.h.:
  1 hour
  second layer after 48 hours
  coating with water-based varnish after 3 days
  coating with solvent-based varnish after 10 – 14 days
  careful use after 3 days (2C oil after 1 day)
  final hardness after 10 days
  (2C oil after 3 days)

OL-620
Parquet Oil

For surface finish and impregnation of wooden floors of hard and soft wood in interiors. The product is based on natural oils and characterised by its high solid content and easy application.

Applications:
- Roller

Benefits:
- for wooden floors and parquets
- based on natural oil
- high solid content
- easy application
- penetrates easily into the substrate due to low density

Technical parameters:
- Coverage / layer: 0.07 – 0.1 l/m²
- Drying time at 23 °C / 50% r.h.:
  second layer after 60 minutes
  careful use after 3 days
  final hardness after 8 – 10 days

OL-650
Oil-wax for Parquet

Mixture of oil and wax which forms a hard layer after application. Designed for surface finish of parquets and wooden floors made of hard and soft wood. Ideal for heavy traffic areas: corridors, industrial parquets. The floors are subsequently more resistant against dirt and spots etc. Also suitable for treatment of floors with coating of the pigment oil OL-611.

Applications:
- Roller

Benefits:
- based on natural oils, resins and waxes
- easy application
- simple maintenance
- for parquets and wooden floors

Technical parameters:
- Coverage / layer: 0.05 – 0.08 l/m²
- Drying time at 23 °C / 50% r.h.:
  second layer after 24 hours
  careful use after 3 days
  final hardness after 10 – 14 days

PM-100
Floor Cleaner

Highly efficient, water-based cleaner for all water-resistant floorings, e.g. varnished parquets, ready-made parquets, linoleum, PVC or laminate.

Applications:
- With a cloth

Benefits:
- highly efficient
- enhances floor appearance

Technical parameters:
- Coverage: ca. 0.1 l / 7-8 l water
- Drying time: 30 – 60 minutes

PM-120
Parquet Care

Water-based product suitable for varnished parquets, ready-made parquets, as well as for linoleum and PVC. PM-120 Parquet care does not require polishing and it is also suitable for sports surfaces.

Applications:
- With a cloth

Benefits:
- forms a protective layer
- for all water-resistant floors
- for sports surfaces in accordance with DIN 18032-2
- high resistance against abrasion and scratching

Technical parameters:
- Coverage / layer: 0.03 – 0.05 l/m²
- Drying time at 23 °C / 50% r.h.:
  further treatment after 2 hours
  careful use after 2-4 hours

OL-670
Wax

Product recommeneded for maintenance of wooden floors treated with OL-650 oilwax or other Artelit oils.

Benefits:
- easy to apply
- does not contain preservatives
- water-resistant
- antistatic and anti slip

Technical parameters:
- Coverage: 30-40 ml/m² for a single application
- Drying time: 1-3 hours

OL-680
Soap for Oil

Especially designed for cleaning and maintaining oiled and waxed wooden surfaces. An additional care product (maintenance oil, wax) must be applied at appropriate intervals, as required by care instructions.

Benefits:
- highly concentrated soap combination
- suitable for oiled and waxed surfaces
- no added scents or preservatives
- lipid regulating effect
- based on natural vegetable oils

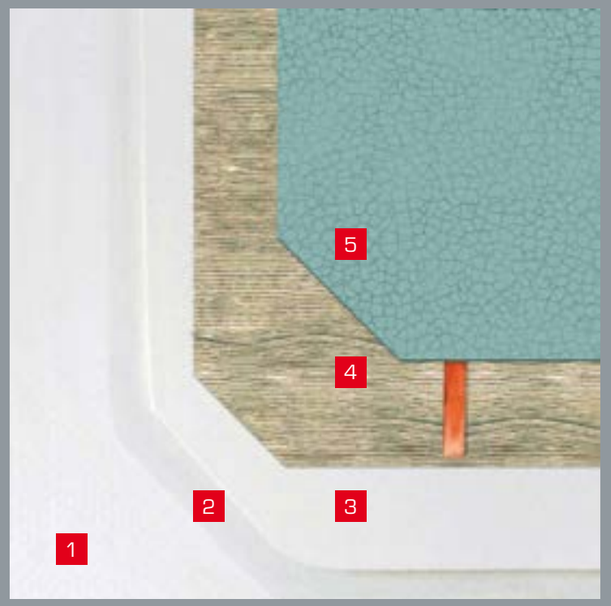
Technical parameters:
- Coverage: approx. 100ml in 10l of water
- Diluter/Cleaning agent: water immediately after use
- Application: standard mops
- Drying time: 30 – 60 minutes

OL-690
Oil Care

Especially designed for additional maintenance of oiled wooden floors. It is not suitable for waxed floors.

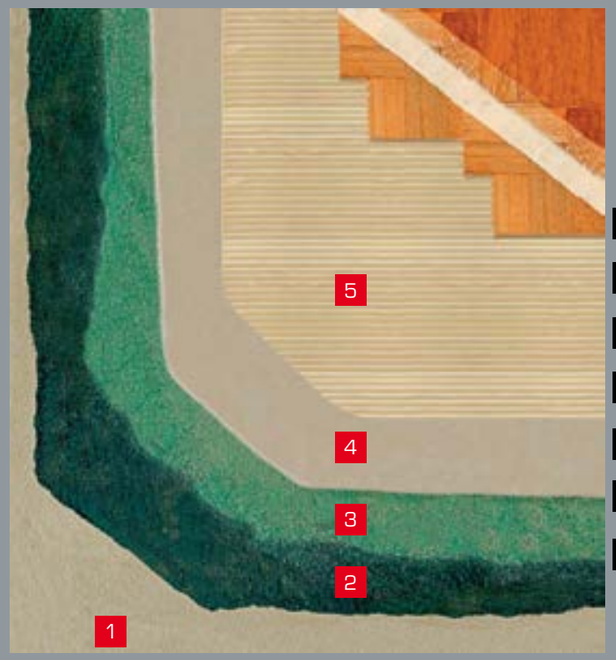
Benefits:
- based on natural oils and mild solvents
- free of chlorinated solvents and aromatics
- free of preservatives
- easy to use

Technical parameters:
- Diluter/Cleaning agent: OL-610 Thinner
- Spreading rate: 20 – 40 ml/m² per application
- First careful use: after ca. 24hrs
- Drying time: 12 h



ELECTROSTATIC FLOORING ON ANHYDRITE SUBSTRATE

	Description	Artelit Products	Recommendation
1	Anhydrite substrate	-	Sanding
2	Primer	WB-290	Mix with water in 1:1 ratio
3	Leveling compound	LC-720	Thickness 2-20 mm
4	Conductive adhesive	WB-977	For PVC, linoleum, carpet
5	Earthing	-	1m of copper tape



PARQUET FLOORING ON NON ABSORBENT SUBSTRATE

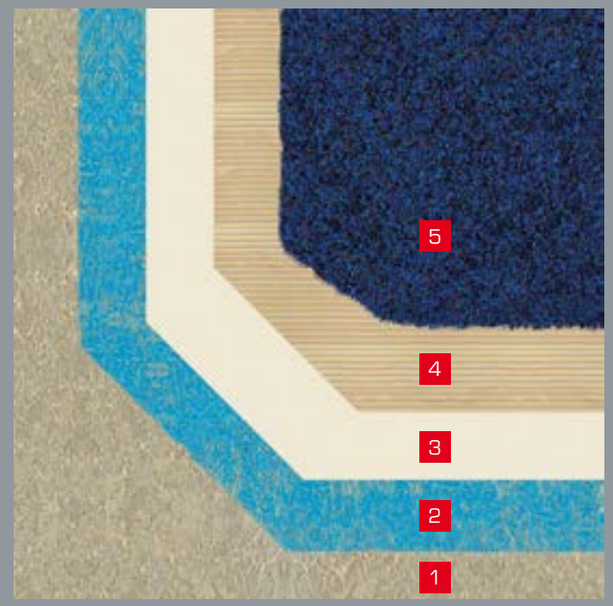
	Description	Artelit Products	Recommendation
1	Concrete substrate	-	Sanding
2	Primer	EB-270	Sanding with silica sand or WB-280
3	Leveling compound	LC-760	3-30 mm, 40 MPa
4	2 C PU adhesive	PB-890	Working time up to 90 min
5	Parquet filler	FS-415	Mix with wooden dust
6	1 C primer varnish	S-460	First coat
7	1 C top varnish	PW-480	Top coats

PVC COVERINGS ON WOODEN SUBSTRATE

	Description	Artelit Products	Recommendation
1	Wooden substrate	-	Wood, OSB, plywood
2	Primer	WB-280	-
3	Levelling compound	LC-720	Thickness 2-20 mm
4	Adhesive	WB-975	For PVC

ELASTIC COVERINGS ON PROBLEMATIC SUBSTRATES

	Description	Artelit Products	Recommendation
1	Concrete substrate with old adhesive residue	-	Water based adhesives
2	Primer	WB-280	-
3	Leveling compound	LC-720	Thickness 2-20 mm
4	Dispersion adhesive	WB-965	For textile coverings



SELENA
GLOBAL EXPERIENCE

Do – It – Yourself

- Sealants
- Adhesives & Glues
- Duct Tape
- Fillers
- Wallpaper Adhesives
- Cements & Mortars
- Varnishes

Quilosa®

Mould-Resistant Bathrooms and Kitchens

Home Use Sealant

Mould-resistant, sanitary acid silicone sealant. It protects surfaces and actively prevents the formation of mould and blackening. Quick drying. It hermetically waterproofs, avoiding filtrations and resisting humidity, temperature and cleaning products. Sealing of joints in bathrooms and kitchens (washbasins, bathtubs, showers, counters, screens, sinks, plumbing, etc..).

Mould Resistant Partitions

Home Use Sealant

Neutral sanitary silicone sealant specially suitable for sealing bathroom partitions. Maximum durability against bacterias, mould and humidity. Exceptional adhesion and elasticity on all kinds of materials both porous and non-porous. Suitable for sealing acrylic or synthetic materials, such as shower bowls.

Orbasil DIY
Acid Silicone Sealant

General-purpose, mould-resistant, acid silicone sealant. For filling and sealing all kinds of joints and grooves in bathtubs, showers, bathroom screens, washbasins, kitchen furniture, sinks, glass cabinets and glazing.

Orbasil Home Use
Acid Silicone Sealant

Acid silicone sealant for home applications. It prevents filtration of water and stops the passage of air and dust. For sealing and filling all kinds of joints and grooves in bathrooms and kitchens, glass cabinets and glazing.

Remover for Sealants

It removes the cord of acid and neutral silicone, polyurethane, MS polymer and water-based sealant.
Suitable for removing the remains of old sealand prior to renewing and resealing deteriorated joints.

MS 1000 Uses
MS Polymer Adhesive Sealant

MS polymer adhesive sealant with excellent adhesion to practically all kinds of surfaces. Super elastic: 500% ultra resistant 250 kg/10cm^2. All type of materials: brick, tiles, concrete, metal, plastics, marble, granite, polystyren, polycarbonate, glass, PVC, wood DMK, aluminum, ceramic, mirrors. It sticks on humid surfaces. Paintable and sandable. It resists weather and temperature (-40°C +90°C). It absorbs vibrations and expansion and contraction movements. Free of hazardous substances.

SEALING: All kinds of joints in construction, carpentry, tubing, bathrooms, cracks, pipes, skylights.

BONDING: Fixation of metal and plastic pieces, panels, mirrors, insulation panels, chipboard panels, boards and plywood.

MS 1000 Uses Crystal
MS Polymer Adhesive Sealant

Glass-finish, MS polymenr adhesive sealant. Super Transparent. All materials. Elastic: It absorbs vibrations and expansion and contraction movements. It even sticks to wet surfaces. Effective on most materials: glass, perspex, brick, cement, iron, plate metal, aluminum, zinc, polystyrene, wood, ceramic, tiles, concrete, PVC. Resistant to weather and temperature (-40°C +90°C). Anti-mould. It has no scent. Free of hazardous substances.

SEALING: All kinds of joints in construction, glass, bathrooms, tubes, skylights.

BONDING: Fixation of pieces of glass, metal and perspex, plastic, screens.

MS Instant
MS Polymer Adhesive

MS polymer adhesive for elastic bonding. Immediate grip: 10 seconds. Ultra resistant: 300 Kg/10 cm^2.
Excellent adhesion on most materials: brick, tiles, concrete, metals, plastics, marble, granite, polystirene, polycarbonate, glass, PVC, wood, DMK, aluminum, ceramic, mirrors. Elastic: Absorbs vibrations, expansion and contraction movements. Free of hazardous substances. For instant fixing where resistant, flexible bonding is required. Metal and plastic pieces, panels, plating, mirrors, insulation slabs, prefabricated elements, chipboard panels.

Bunitex P-29
Contact Adhesive

Quick-drying contact adhesive. Strong adhesion and high resistance. Bonds rubber, leather, wood, cork, formica, metal, plastics, plant or synthetic fibres, ceramic, cardboard, fabrics, etc.

Bunitex P-55
Contact Adhesive

Contact adhesive which forms a resistant, durable and flexible bond. Strong initial grab and long working time. It bonds rubber, leather, wood, cork, formica, metal, plastics, plant or synthetic fibres, ceramic, cardboard, fabrics, etc.

Bunitex Transparent
Contact Adhesive

Transparent contact adhesive. Strong, invisible bond. Suitable for repairing awnings, canvas, tents, etc.
It bonds large surfaces of cork, rubber, leather, textile, paper, canvas, etc.

Unifix Rapid
Adhesive for Wood

White glue for wood. Transparent once dry. Suitable for gluing all kinds of wooden furniture made from chipboard, laminate, cardboard, paper and modelling pieces.

Instant FIX
Cyanoacrylate Glue

Colourless cyanoacrylate glue.
High resistance. For all kinds of materials.
Instant bonding.

Pegapapel
Paper Glue

Liquid paper glue stick. Transparent, it does not stain. Comes with dosing sponge.

American Duct Tape

Adhesive tape. Extra strong. Impermeable, resistant and adherent. It repairs, seals, bonds, fixes and insulates.

Ceramic Restorer

Enamel for ceramic or enamelled surfaces. Bright, durable finish. Repair of washbasins, shower bowls and bathtubs.

Liteplast

Light Crack Filler

Light, quick repair paste, ready to use and very easy to apply. It quickly fills and repairs cracks, crevices, fissures, holes in any kind of surface (plaster, wood, stucco, walls, etc.). For interior & exterior use.
It does not shrink or crack. It can be painted, varnished and sanded. Super white finish.

Liteplast Madera

Wood Filler

Light repairer for wood. It quickly fills and repairs holes and damage in wood. Like the rest of Liteplast products, it does not shrink nor crack and it can be painted, varnished and sanded. Ready for use. Fast drying.

- Pine
- Oak
- Sapelli
- Beech
- Cherry
- Walnut
- Wengue
- Teak

Bricofix Paste For Joints

Filling of joints between tiles, mosaics and floor tiles, both indoors and outdoors.

Bricofix Universal Crack Filler

Putty for repairing cracks, holes and crevices both indoors and outdoors. Crack filler to smooth irregularities in all kinds of porous surfaces, such as wood, plaster, cement, concrete, etc.

Bricofix Wallpaper

Specially suitable for positioning and pasting wallpaper.

Bricofix Vinyl Wallpaper

For pasting wallpaper, both simple and duplex or vinyl.

Bricofix Crack Filler

Repair of holes, cracks and crevices on interior indoor walls and roofs up to 3 mm deep.

Bricofix Levelling Paste

Repair of irregularities in the floor, improving adhesion. Preparation of floors before installing parquet and carpeting. Does not crack or splinter.

Bricofix White Adhesive Cement

Placement of ceramic covering on interior walls and floors. Bonds stoneware, tiles and mosaics.

Bricofix Grey Adhesive Cement

Placement of ceramic covering on interior walls and floors. Bonds stoneware, tiles and mosaics.

Bricofix Paste for Joints

Filling of joints between tiles, mosaics and floor and wall tiling, both indoors and outdoors. It enhances the joints to obtain a durable bond. Impermeable. Easy to clean.

Bricofix Plaster

Repair and finish of ceilings and moulds. Bonds plaster pieces.

Bricofix Gypsum

Wall embedding and wiring. Installation of junction boxes, sockets and plumbing.

Bricofix Swimming -Pools

Special mortar for bonding, repairing and attaching ceramic in swimming-pools.

Bricofix Barbecue & Chimney

Refractory mortar for mounting and grouting bricks and slabs, concrete blocks and terracotta subjected to high temperatures (barbecues, chimneys, firewood ovens and home-use stoves). It can also be used for mounting and grouting masonry work in contact with corrosive, sulphated or acidic water: food, dairy and cheese industries and channelling for sewer systems, plumbing and industrial waste. Suitable for interior and exterior use. Excellent heat resistance. Resistant to corrosive waters and freezing/thawing cycles. Rapid hardening.

Bricofix White Cement

Exterior plaster on stone or brick, joints between slabs, tiles, flooring and plumbing installation. Suitable for filling cracks, repairing damage, joints and holes. It can also be used for grouting anchors and plumbing in general. Suitable for interior and exterior use.

Bricofix Grey Cement

Preparation of mortar and cement. Construction of walls.

Bricofix Grey Mortar

Construction of walls and partitions. Assembly of bricks, blocks, top-slabs, etc. Joints and small embedments. Excellent adhesion to most construction materials. High resistance to compression, flexion and traction.

Bricofix Rapid Cement

Construction of walls and partitions. Assembly of bricks, blocks, top-slabs, etc. Joints and small embedments. Excellent adhesion to most construction materials. High resistances to compression, flexion and traction.

Sintex S-19
Varnish for Handicrafts

Transparent, very bright varnish that provides an excellent finish and protection, achieving a glassy or ceramic appearance.

Sintex S-40
Varnish for Handicrafts

Impermeable-base, transparent, flexible varnish for porous materials prior to applying a paint or varnish finish.

Sintex S-30
Varnish for Handicrafts

Transparent, bright, easy-to-apply relief varnish. To achieve an excellent effect of volume and depth. Excellent results in handicraft works on laminates, stuccos, ceramic, wood, etc.

Industry

WOODWORKING

- Adhesives for dowel inserting machines
- Lamination of cellboards and multilayer boards with HPL and veneers
- Lamination of particle board with PVC foil and impregnated paper
- Adhesives for the production of frames for upholstered furniture and chairs
- Adhesives for varnished surfaces
- High tack and mounting adhesives
- Postforming adhesives
- Hot melt adhesives:
  - wide edges
  - straight edges
  - precoated edges
  - mounting adhesives
  - profile wrapping

UPHOLSTERY

- Solvent and dispersion contact adhesives for bonding of foams and textiles used in upholstery industry
- Shoe making adhesives

WINDOW & DOOR MANUFACTURING

- PU Hot melt adhesives
- Aluminum frames
- Molecular sieve
- PU for glazing
- Windshield sealants
- Water-resistant adhesives, e.g. for window manufacturing (D3, D4 adhesives according to EN 204)

ASSEMBLY

- Production of insulation materials, including sandwich panels
- Lamination of flexible foam, sponges, mattresses
- Hot melt sticks for various bonding applications
- Hot melt adhesives for bonding of aluminum profiles with fiberglass mesh
- Other industrial applications of polyurethane adhesives

PACKAGING

- Dispersion adhesives for folding of cardboard boxes
- Hot melt adhesives for closing of cardboard boxes
- Labeling adhesives
- Bookbinding adhesives
- Adhesives for bags
- Coating of cardboards with high quality paper
- Pressure sensitive hot melt adhesives
- Adhesives for sanitary products

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