2009

Building Chemicals Product Brochure

VitrA FIX

VitrA therm

ECZACIBAŞI-KORAMIC
Building Chemicals Manufacturing

Bozüyük production plant: Established in 1999 Bozüyük-Bilecik Turkey with 100.000 tons/year production capacity, it has the largest closed production area in the sector together with advanced computurized manufacturing system.

Mersin production plant: Established in 2007 Tarsus-Mersin Turkey with 60.000 tons/year production capacity, it has 7.500 m² production area together with advanced computurized manufacturing system.

ECZACIBAŞI - KORAMIC Building Chemicals Manufacturing was established in 1998 as a joint venture between Eczacıbaşı Group and Koramic Building Products Groups NV, a prominent Belgian producer of building chemicals.

Among objectives of the company are to act as a pioneering entity for development and production of new building chemicals for the construction sector in Turkey, make contributions to the sustained quality of products, and provide systematical solutions for appropriate use of these products.

At its factories equipped with the most advanced technologies of Turkey and Europe with an annual production capacity of 160.000 tons of two factories located in Bilecik - Bozüyük and Mersin - Tarsus, Eczacıbaşı - Koramic Building Chemicals Manufacturing produces under the brand **VitrA Fix** adhesives, grouting materials, water proofing materials, self leveling compounds, primers and additives, post-application cleaning and maintenance products, repair mortars and restoration plasters, silicones and mastics, tile application tools, polyurethane and epoxy based water proofing, flooring and traffic coating systems and **VitrA Therm** branded external thermal insulation composite system.

At its factories, commissioned with the most advanced technologies, entire of the production process from acceptance of raw materials to the shipment stage is carried out through computer-controlled full automatic machines.

All the products are manufactured in accordance with the norms of TSE and EN. Having adopted the approach of rendering quality products and services as its major principle, **VitrA Fix** continues to play its pioneering role at the sector by reinforcing the said approach with ISO 9001 Quality Certificate.

Offering quality, innovative, different and superior products as per demands of the construction sector, **VitrA Fix** receives technical assistance from its partner, Koramic Group, Belgium. The company offers to the market and sector such innovative and technical products required by the domestic construction sector as a result of R&D activities conducted at Bozüyük, Bilecik factory. Raw material and product control activities are performed with the highest fastidiousness and sensitiveness at its laboratory which is equipped with the most advanced technologies.

VitrA Fix brand products offer solutions for problems and requirements of the construction sector throughout the country with the experience of Eczacıbaşı Group in the domestic construction sector, and experience and comprehensive distribution network of Intema which is the domestic sales and distribution company.

Also attaching great importance to export sales, **VitrA Fix** makes considerable contributions to the country economy via its export activities to over 44 countries in four continents, Middle East, North Africa, Northern Cyprus and UK being the strategic markets. Being one of the pioneering companies of its sector, **VitrA Fix** acts in the international markets with strong support of Eczacıbaşı and Koramic Groups as well as **VitrA** brand name.

Offering systematical solutions for the purpose of solving problems of the construction sector, and ensuring that products are used in an appropriate manner, **VitrA Fix** provides correct and clear solutions to the professionals by means of its expert staff.

FIXER

Tile adhesive

Cement based adhesive for fixing tile or similar small medium sized finishes. For interior floors and walls in private or similar dwellings, it has good workability. The high thixotrophy enables to lay wall tiles downwards on the conventional cement substrates whitout slipping.

TECHNICAL CHARACTERISTICS

Application	: 6-8 mm notched trowel
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 3-4 kg/m^2
Color	: Grey, White
Mixing ratio	: 6-7 lt water for 25 kg sacks
Resistance to temperature	: -15 °C to +70 °C
Tensile strength	: >0,5 N/mm^2
Opening foot traffic	: 24-48 hours
Bed thickness	: 2-5 mm
Storage	: 12 months in dry rooms in unopened packaging

COTTO

Special thick bed tile adhesive

Cement based tile adhesive for fixing large sized finishes for interior and exterior floors. Facility of fixing the layer from 3 up to 20 mm.thickness depending on the state of the base. It allows to fix ceramic tiles, glass mosaic, terracotta, brick slips (porcelain tiles for interior floors), stone, marble etc. Applications can be made on all cement based floors. It is resistant to outside weather conditions and freezing.

TECHNICAL CHARACTERISTICS

Application	: 8-10 mm notched trowel
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 4-5 kg/m^2
Color	: Grey, White
Mixing ratio	: 6-6.5 lt water for 25 kg sacks
Resistance to temperature	: -30 °C to +70 °C
Tensile strength	: >1 N/mm^2
Opening foot traffic	: 24-48 hours
Bed thickness	: 3-20 mm
Storage	: 12 months in dry rooms in unopened packaging

FLEX PORSELEN

High performance flexible tile adhesive for porcelain tiles

High performance, cement based flexible tile adhesive, containing mixed binding agents and fibers, for tiling in many types of new or renovation work. **VitrA Fix FLEX PORSELEN** is a powerfull adhesive, offering high resistance to heat, moisture and frost. It can be used on heated floors, exterior insulation materials on walls. Especially it is recommended in heavy traffic areas for usage. It is suitable for fixing porcelain tiles, bricks, terracotta, natural stone, marble, granite, glass mosaic and all kind of ceramic tiles on pre-cast concrete, cement mortar, cement-lime mortar renderings, tiles (with **VitrA Fix FILM PLUS** primer), plaster board panels.

TECHNICAL CHARACTERISTICS

Application	: 6-8-10 mm notched trowel
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 3-4 kg/m^2
Color	: Grey, White
Mixing ratio	: 6.5-7.5 lt water for 25 kg sacks
Resistance to temperature	: -30 °C to +70 °C
Tensile strength	: >1,0 N/mm^2
Opening foot traffic	: 24-48 hours
Bed thickness	: 2-10 mm
Flexibility	: Excellent
Storage	: 12 months in dry rooms in unopened packaging

POOL

High performance flexible tile adhesive for pools and wet areas

High performance, cement based flexible tile adhesive, containing mixed binding agents and fiber for tiling in many types of new or renovation work. **VitrA Fix POOL** is a powerful adhesive, offering high resistance to heat, moisture and frost. It can be used on heating floors, especially it is recommended to use in private swimming pools, wet areas like bathroom, wc, kitchen it is suitable to fix all kinds of pool tiles, porcelain tiles, bricks, terracotta, natural stone, marble, granite, glass mosaic on pre-cast concrete, cement mortar, cement-lime mortar renderings, plaster board panels.

TECHNICAL CHARACTERISTICS

Application	: 6-8-10 mm. notched trowel
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 3-4 kg/m^2
Color	: Grey, White
Mixing ratio	: 6.5-7.5 lt water for 25 kg sacks
Resistance to temperature	: -30 °C to +70 °C
Tensile strength	: >1.0 N/mm^2
Opening foot traffic	: 24-48 hours
Bed thickness	: 2-10 mm
Flexibility	: Excellent
Resistance to water	: Excellent
Storage	: 12 months in dry rooms in unopened packaging

FLEX RAPID

High performance flexible and quick setting tile adhesive

High performance, quick setting, flexible cement based tile adhesive, incorporating mixed binders, for fixing ceramic tile finishes that are new or being renovated. High water and frost resistance after hardening. Due to its rapid bonding, busy premises are put out of action at less time. It allows grouting 3-5 hours after fixing. It is suitable to fix porcelain tiles, terracotta, natural stone, marble, granite, glass mosaic and all kinds of ceramic tiles on pre-cast concrete, cement mortar, cement-lime mortar renderings, plaster board panels.

TECHNICAL CHARACTERISTICS

Application	: 6-8-10 mm notched trowel
Display	: 20 kg kraft sacks, 1200 kg on palette
Consumption	: 3-5 kg/m^2
Color	: Grey, White
Mixing ratio	: 5-5.4 lt water for 20 kg sacks
Resistance to temperature	: -30 °C to +70 °C
Tensile strength	: >1.0 N/mm^2
Working time	: 45 minutes
Opening foot traffic	: 24-48 hours after grouting
Bed thickness	: 2-10 mm
Flexibility	: Excellent
Resistance to water	: Excellent
Grouting time	: 3-6 hours
Storage	: 12 months in dry rooms in unopened packaging

RAPID SET

Quick-setting ceramic tile adhesive

Quick-setting, water resistant, adhesive for fixing ceramic finishes to the bases that are new or being renovated. It is suitable to internal, external floors and internal floors, cement based screeds/render coat; concrete screeds or self levelling finishings. Before the application of high porous surfaces, apply **VitrA Fix FILM** as a primer. Grouting should be done at least 3-5 hours after fixing.

TECHNICAL CHARACTERISTICS

Application	: 6-8 mm notched trowel
Display	: 20 kg kraft sacks, 1200 kg on palette
Consumption	: 3-4 kg/m^2
Color	: Grey
Mixing ratio	: 5-5.4 lt water for 20 kg sacks
Resistance to temperature	: -15 °C to +70 °C
Tensile strength	: >0.5 N/mm^2
Working time	: 45 minutes
Opening foot traffic	: 24-48 hours after grouting
Bed thickness	: 2-10 mm
Grouting time	: 3-6 hours
Storage	: 12 months in dry rooms in unopened packaging

FLOOR PLUS

High performance flexible and quick setting pourable tile adhesive

High performance flexible and quick setting, pourable cement based tile adhesive, incorporating mixed binders, for fixing any type of ceramic tile finishes that are new or being renoveted. High water and frost resistance after hardening. Due to its rapid bonding, busy premises are put out of action at less time. It allows grouting 3-5 hrs. after application. It is suitable to fix porcelain tiles, terracotta, natural stone, marble, granite, glass mosaic and all kind of ceramic tiles on interior or exterior floors. It also allows to make application on, tile on tile with the help of **VitrA Fix FILM PLUS** primer.

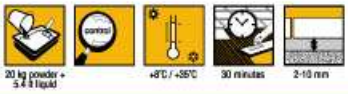
TECHNICAL CHARACTERISTICS

Application	: U8-U10-E10 notched trowel
Display	: 20 kg kraft sacks, 1200 kg on palette
Consumption	: Change acc. to tile dimension (4-7 kg/m^2)
Color	: Grey, White
Mixing ratio	: 4-4.8 lt water for 20 kg sacks
Resistance to temperature	: -30 °C to +70 °C (after final strength)
Tensile strength	: >1.0 N/mm^2
Opening foot traffic	: 24-48 hours after grouting
Bed thickness	: 3-20 mm
Flexibility	: High
Grouting time	: 6-12 hours
Storage	: 12 months in dry rooms in unopened packaging

ULTRA SYSTEM

High performance two components tile adhesive

Cement based, high performance two component, super flexible, high adhesion tile adhesive for big size tiles and slabs especially for exterior walls. It has high water and frost resistance. Suitable surfaces; concrete, cement based finishing coats existing flooors, heated floors and floors with heavy traffic. **VitrA Fix ULTRA SYSTEM** is ideally suited for fixing tiles on olympic swimming pools, water tanks, industrial application where high mechanical strength and resistance required.



TECHNICAL CHARACTERISTICS

Application	: 6-8-10 mm notched trowel
Display	: 20 kg kraft sacks + 5.4 lt plastic cans
Consumption	: Change acc. to tile dimension (4-7 kg/m^2)
Color	: Grey, White
Mixing ratio	: 20 kg powder mixed with 5.4 lt liquid comp.
Resistance to temperature	: -30 °C to +70 °C (after final strength)
Tensile strength	: 1 N/mm^2
Opening foot traffic	: 24-48 hours
Bed thickness	: 2-10 mm
Flexibility	: Perfect
Storage	: 12 months in dry rooms in unopened packaging

TIMBER FLEX

Flexible ceramic tile adhesive for wooden floors

High performance flexible quick-setting ceramic tile adhesive formulated to give greater flexiblity and adhesion when fixing low porosity and fully vitrified porcelain and floor tiles without the need to incorporate an admixture in the adhesive on wooden and timber floors. It allows grouting 3-5 hours after fixing.

TECHNICAL CHARACTERISTICS

Application	: V5-V6 notched trowel
Display	: 20 kg kraft sacks, 1200 kg on palette
Consumption	: 3-5 kg/m^2
Color	: White
Mixing ratio	: Ready mixed
Working temperature	: +8 °C to +35 °C
Resistance to temperature	: -30 °C to +70 °C
Tensile strength	: >1.0 N/mm^2
Opening foot traffic	: 24-48 hours
Bed thickness	: 2-6 mm
Storage	: 12 months in dry rooms in unopened packaging

MARBLE & STONE

Fast setting, cementitious adhesive for marbles and natural stones

Cement-based and rapid setting tile adhesive to fix all kinds of marbles and natural stones to floors and walls. Applied on cement screeds, cement based renders, cured concrete and porous surfaces. It allows grouting 5 hours after fixing. **VitrA Fix LATEX** have to be used for fixing porcelain and mosaic tiles. It is not suitable to fix green marble or green granite. The weight of marble should be considered on the vertical applications.

TECHNICAL CHARACTERISTICS

Application	: V5-V6 notched trowel
Display	: 20 kg kraft sacks, 1200 kg on palette
Consumption	: Change acc. to tile dimension (4-5 kg/m^2)
Color	: White
Mixing ratio	: Ready mixed
Working temperature	: +8 °C to +35 °C
Resistance to temperature	: -30 °C to +70 °C
Tensile strength	: >1.0 N/mm^2
Opening foot traffic	: 24-48 hours
Bed thickness	: 2-6 mm
Storage	: 12 months in dry rooms in unopened packaging

MARBLE & STONE SELECT

High performance, cementitious adhesive for marbles and natural stones.

Cement-based and rapid setting tile adhesive with high tensile strength and flexibility which is used to fix marble and stones. Applied on cement screeds, cement based renders, cured concretes and other absorbend or non absorbend surfaces. (Refer to technical legend for applications on wooden floors). It allows grouting 5 hours after fixing. It is suitable for vertical applications of ceramic, porcelain and mosaic tiles and medium sizes of marbles. The weight of marble, particularly the heavy or big sizes of marble should be considered on the vertical applications.

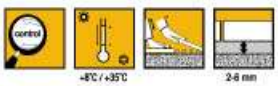
TECHNICAL CHARACTERISTICS

Application	: V5-V6 notched trowel
Display	: 20 kg kraft sacks, 1200 kg on palette
Consumption	: Change acc. to tile dimension (4-5 kg/m^2)
Color	: White
Mixing ratio	: Ready mixed
Working temperature	: +8 °C to +35 °C
Resistance to temperature	: -30 °C to +70 °C
Tensile strength	: >1.0 N/mm^2
Opening foot traffic	: 24-48 hours
Bed thickness	: 2-6 mm
Storage	: 12 months in dry rooms in unopened packaging

HP

High performance ready mixed tile adhesive

VitrAFix HP is used to apply sandstone, earthenware, porcelain glazed tiling and natural stones, on concrete, cement based plasters, gypsium board panels, wooden panels, old ceramic, cellular concrete, paintwork. It is also suitable to fix tiles on timber floors, using suitable primers (**VitrA Fix FILM PLUS**). It has high flexibility for fixing tiles on internal walls and floors and also external walls. Use V5-V6 type steel throwel during application.



TECHNICAL CHARACTERISTICS

Application	: V5-V6 notched trowel
Display	: 15 kg plastic cans
Consumption	: 2-3 kg/m^2
Color	: White
Mixing ratio	: Ready mixed
Working temperature	: +8 °C to +35 °C
Resistance to temperature	: -30 °C to +70 °C
Tensile strength	: >1.0 N/mm^2
Opening foot traffic	: 24-48 hours
Bed thickness	: 2-6 mm
Storage	: 12 months in dry rooms in unopened packaging

1-6 mm

Grouting material

Plasticised and water repellent cement based grout for all porous or non porous tiles for joints from 1-6 mm. Easy application and crackless product for joints. It is suitable to use on internal and external walls and floors. For outside floors which are subjected to high loads and for communual kitchens and showers use **VitrA Fix FLEX 3-10 mm.**

▼ TECHNICAL CHARACTERISTICS

Application	: Rubber trowel
Display	: 10-20 kg kraft sacks, 1000 - 1200 kg on palette 5 kg polyethilen bags, 720 kg on palette 1 kg polyethilen bags, 504 kg on palette
Color	: 21 colours
Mixing ratio	: 5.2-6.4 lt clean water for 20 kg sacks
Resistance to temperature	: -15 °C to +70 °C
Pot life	: 1 hour
Opening foot traffic	: 24-48 hours
Grout size	: 1-6 mm
Storage	: 12 months in dry rooms in unopened packaging

FLEX 0-3 mm

Antibacterial flexible grouting material

Cement based, antibacterial and flexible grouting material for all porous or non porous tiles for joints from 0 to 3 mm. It's suitable to use on internal and external walls and floors. Provides easy application and crackles surfaces. Resistant to UV and outdoor conditions. Especially recommended for glass tiles and rectified tiles.

▼ TECHNICAL CHARACTERISTICS

Application	: Rubber trowel
Display	: 10-20 kg kraft sacks, 1000 - 1200 kg on palette 5 kg polyethilen bags, 720 kg on palette
Color	: 21 colours
Mixing ratio	: 6.6-7.2 lt clean water for 20 kg sacks
Resistance to temperature	: -15 °C to +70 °C
Pot life	: 1 hour
Opening foot traffic	: 24-48 hours
Grout size	: 0-3 mm
Storage	: 12 months in dry rooms in unopened packaging

RUSTIK 3-20 mm

Natural effected grouting material

Plasticised water resistance, cement based and natural effected grout for all porous or non porous tiles for joints from 3-20 mm. Crackless wide joint application allows natural effects on terra cotta, big size tiles, mosaics, natural stones. It is suitable for interior and exterior floors. It allows decorative application on floor tiles.

▼ TECHNICAL CHARACTERISTICS

Application	: Rubber trowel
Display	: 20 kg kraft sacks, 1200 kg on palette
Color	: Grey
Mixing ratio	: 4.4-4.6 lt clean water for 20 kg sacks
Resistance to temperature	: -15 °C to +70 °C
Pot life	: 1 hour
Opening foot traffic	: 24-48 hours
Grout size	: 3-20 mm
Storage	: 12 months in dry rooms in unopened packaging

FLEX 3-10 mm

Flexible antibacterial grouting material

Plasticised water and frost resistance, antibacterial, flexible cement based grout for all porous or non porous tile, for joints from 3-10 mm Easy application and crackless surface excellent flexibility for private or public showers, private swimming pools, heated floors, heavy traffic cross lines, business centers etc. It has high water repellency effect for clean and hygenic surfaces.

▼ TECHNICAL CHARACTERISTICS

Application	: Rubber trowel
Display	: 10-20 kg kraft sacks, 1000 - 1200 kg on palette 5 kg polyethilen bags, 720 kg on palette
Color	: 21 colours
Mixing ratio	: 5.2-6.2 lt clean water for 20 kg sacks
Resistance to temperature	: -30 °C to +70 °C
Pot life	: 1 hour
Opening foot traffic	: 24-48 hours
Grout size	: 3-10 mm
Storage	: 12 months in dry rooms in unopened packaging

NEW PRODUCT

POOL G 2-10 mm

2-10 mm High perfromance, cement based, flexible grouting material

Special formulated, rapid setting cement based grouting material, especially used for swimming pools, laboratories, kitchens, hospitals etc, where hygine and slightly acid and alkaline resistance required. It is ready for light pedestrain traffic 3 hrs after application. It is also recommended to use in salty sea water tanks. High water repellency and non crackless application for joints up to 2-10 mm. For more technical information please consult technical assistance. It requires the recommendations of CG2 with EN 13888.

TECHNICAL CHARACTERISTICS

Application	: Rubber trowel
Display	: 15 kg plastic cans, 720 kg on palette
Color	: Grey, White
Mixing ratio	: 3-3.3 lt clean water for 15 kg can
Time to use a mixture	: 45 minutes
Resistance to temperature	: +5 °C to +35 °C
Grout size	: 2-10 mm
Opening light foot traffic	: 6-12 hours (at +23 °C)
Opening heavy foot traffic	: 24-48 hours (at +23 °C)
Use in the pool (water filling)	: 7 days (at +23 °C)
Full hardening time	: 14-28 days (at +23 °C)
Storage	: 12 months in dry rooms in unopened packaging

EPOXY

Acid and alcaly resistant, two component epoxy resin based grouting and fixing material

VitrA Fix EPOXY is two component solvent free epoxy resin based grout for fixing tiles creating acid and alkali - resistant joints between tiles. It has high performance under mechanical compression stresses, washing operations, impact and shocks. It is avalible for communual kitchens, food proceses, swimming pools, hospitals, car service stations, supermarkets etc. It is antibacterial and easy to apply when compared with other epoxy based products. It is also suitable to fix tiles where cement based products are not suitable such as stainless steel etc. applications. For milk processing facilities and units, please consult technical service.

TECHNICAL CHARACTERISTICS

Application	: Hard rubber trowel
Display	: 5 kg metal cans
Color	: Grey, White, Beige, Anthracite
Type	: A bileşeni epoksi reçine, B bileşeni sertleştirci katkılar
Resistance to temperature	: -30 °C to +80 °C
Resistance to water	: Excellent
Resistance to acid and alkali	: Excellent
Compressive strength	: 45 N/mm^2
Opening foot traffic	: 16 hours at +20 °C ambient temp.
Working time	: >20 minutes (at +20 °C)
Grout size	: 2-12 mm
Storage	: 12 months in dry rooms in unopened packaging
Application temperature	: +10 °C / +30 °C

COULORS OF GROUTS

	White	Jasmin	Ivory	Beige	Bahama Beige	Caramel	Prestige Yellow	Green	Blue	Prestige Blue
FLEX 0-3 mm	+	+	+	+	+	+	+	+	+	+
1-6 mm	+	+	+	+	+	+	+	+	+	+
FLEX 3-10 mm	+	+	+	+	+	+	+	+	+	+
EPOXY	+			+						

	Light Grey	Grey	Anthracite	Black	Prestige Black	Brown	Mocha	Rose	Cotto	Prestige Red	Prestige Green
FLEX 0-3 mm	+	+	+	+	+	+	+	+	+	+	+
1-6 mm	+	+	+	+	+	+	+	+	+	+	+
FLEX 3-10 mm	+	+	+	+	+	+	+	+	+	+	+
RUSTİK 3-20 mm		+									
EPOXY		+	+								

FILM

Primer

VitrA Fix FILM is a synthetic resin based primer for the treatment of surfaces. **VitrA Fix FILM** reduces the water absorption level of the surface increases the adhesion level of plasterings on ceramic tiles. It is suitable for concrete, plasterboard pannels, gypsum mortars, old ceramic finishes.

TECHNICAL CHARACTERISTICS

Display : 5 lt plastic cans
Appearance : Liquid
Color : Orange
Flammability : None
Mixing ratio : Do not add water
Consumption: 0.100 - 0.200 lt/m^2
Ph : 8
Density : 1.04 gr/cm^3
Storage : 12 months in dry rooms in unopened packaging

FILM PLUS

High performance adhesion primer

Improves the adhesion of mortars on non porous substrates recommended for use on wooden substrates, existing tiles, adhesive residues, rigid vinyl tiles, concrete, cement based screeds, asphalt screeds, chipboard, plywood, sound paint work (polyurethane, epoxy, acrylic). It is water based and solvent free.

TECHNICAL CHARACTERISTICS

Application : Roller or brush
Display : 10 kg plastic cans
Consumption : 0.300-0.500 kg/m^2
Color : Blue
Density : 1.45 gr/cm^3
Mixing ratio : Do not add water
Application temperature: +5 °C to +30 °C
Setting time : 3-6 hours
Storage : 12 months in dry rooms in unopened packaging

LATEX

High performance additive

High performance, synthetic resin based additive for cement based mortars improving their adhesion impermeability and flexibility. Non-flammable and non toxic high quality product for proffessional usage. It is suitable for cement and gypsium based mortars, cement based plasters levelling screeds, cement based adhesives and groutings tiles which are subjected to high physical on mechanical stress.

TECHNICAL CHARACTERISTICS

Display : 5-20 lt plastic cans
Appearance : Liquid
Color : White
Flammability : None
Mixing ratio : Do not add water, mix before use
Consumption: 1/3 **VitrA Fix LATEX** with 2/3 water by volume of adhesive and groutin materials.
Storage : 12 months in dry rooms in unopened packaging

NET

Liquid ceramic tile cleaning material (concentrate)

Cleaning liquid material to remove any traces of cement on ceramic or porcelain tiles. It is a concentrated product with low pH (pH~1) degree. It is recommended not to use on natural stones such as marble, granite etc. which are sensitive to acids.

TECHNICAL CHARACTERISTICS

Display : 1 lt x 10 pcs in box
Color : Transparent
Application : Sponge, Brush etc.
Mixing ratio : Use the product either purely or diluted with a proportion of 1 volume of product for 4 volume of water
Consumption: 30-40 m^2
Ph : 1.1
Storage : 12 months in dry rooms in unopened packaging

P11

Powder ceramic tile cleaning material

Cleaning powder to remove traces of cement, grease or rust on matt porcelain tiles. It is recommended not to use on polished or non-polished natural stones or glazed wall and floor tiles.

▼ TECHNICAL CHARACTERISTICS

Display : 1 kg x 12 pcs in box
Color : White
Application : Sponge, Brush etc.
Consumption: 10-20 m^2
Storage : 12 months in dry rooms in unopened packaging

JOINT CLEANER

This product is specially designed to clean and remove residues on floors and wall tiles in a fast and efficient manner. It is also used for cleaning the grouts. Product removes dirts at bathrooms, kitchens and rooms without causing any corrosion, and any damage to stainless steel or plastic surfaces. Joint cleaner should only be used at floors or tiles made up of stone, porcelain, ceramic, or fired clay. Do not use the product at terrazo, granite, marble, or mosaic floors (it removes brightness).

▼ TECHNICAL CHARACTERISTICS

Display : 0.5 lt spray - plastic cans
Appearance : Transparent, light and colorless liquid
Ph : 1.5
Density : 0.9 gr/cm^3
Freezing point: - 6 °C
Consumption : Coverage depends upon aqueous mortar, and 1 litre for a linear line of 100 meters
Storage : 12 months in dry rooms in unopened packaging

SURFACE PROTECTION AGENT

This product is designed to protect especially marble, granite and terrazo surfaces against all kinds of stains. It does not change original appearance of surfaces. It forms a very brilliant film and protects surfaces against wears and tears attributable to corrosive properties of traffic on surfaces, humidity, and grease-based dirts. Stain-Resistant Protection Agent for marble, granite and terrazo provides protection against water, dust, and lime.

▼ TECHNICAL CHARACTERISTICS

Display : 1 lt metal cans
Appearance : Transparent liquid
Density : 1 gr/cm^3
Consumption: Between 10 an 12 m^2/lt
Storage : 12 months in dry rooms in unopened packaging

STAIN REMOVER

This product is an alkali-based stain removing agent which is used to remove stains on coating materials such as ceramic tiles, marbles, natural granites, porcelain tiles, and etc. It efficiently removes stains such as coffee, wine, non-alcoholic drinks, oil, juices and etc. from surfaces.

▼ TECHNICAL CHARACTERISTICS

Display : 1 lt metal cans
Appearance : Transparent liquid
Ph : 12.0
Density : 0.9 gr/cm^3
Consumption: It may vary depending upon the stain to be removed, and degree of contamination. 1 lt of product can clean an area of 8 m^2 to 10 m^2. This rate may change for cleaning of heavy stains and dirts.
Storage : 12 months in dry rooms in unopened packaging

HYDROSIL

Water repellent, transparent primer

VitrA Fix HYDROSIL is a silioxane resin based product with excellent water repellent for many absorbent mineral and even highly alkaline substrates, such as bricks, concrete, lime and stone, natural sand stone and mineral plasters. It is not so suitable for less absorbent, dense natural stone, especially lime stone and marble. **VitrA Fix HYDROSIL** is high stability to alkalis and U.V. rays. **VitrA Fix HYDROSIL** allows to surfaces to take breath. Provides good adhesion for paints.

TECHNICAL CHARACTERISTICS

Display	: 5 kg plastic containers
Application	: Bruch
Consumption	: 0.400-0.600 kg/m^2
Mixing	: Don't add water
Color	: Transparent (After application)
Storage	: 12 months if stored in dry rooms (+5 and +30 °C) in original cans
Ph	: 8

HYDROSTOP

Liquid water proofing coat

Acrylic based flexible water proofing material. It is suitable for private public bathrooms, showers, kitchens etc... It can easly apply on cement based substrades, existing ceramic coverings, paint and wood, plasterboards. **VitrA Fix FILM** must be applied before **VitrA Fix HYDROSTOP** application.

TECHNICAL CHARACTERISTICS

Application	: Roller, brush
Display	: 10 kg plastic cans
Consumption	: 0.500-1 kg/m^2 for single layer
Color	: Green
Density	: 1.42 gr/cm^3
Mixing ratio	: Direkt uygulanır
Application temperature	: +5 °C to 30 °C
Setting time	: 2 hours/layer
Tile application time	: Min. 2 hours (20 °C ambient temp.)
Application surfaces	: Gypsum plastered or gypsum board surfaces, gasbeton, pre-cost concrete surfaces, wooden surfaces.
Storage	: 12 months in dry rooms in unopened packaging

PROOF HG

Cement based, one component water isolation mortar

VitrA Fix PROOF HG is a cement-based water isolation agent which provides high level of water impermeability. It can be used at potable water tanks. It is a single component isolation mortar containing hydraulic binders which is resistant to seawater and frost, and has high adherence properties. Product is used for permanent isolation of potable water tanks and swimming pools, basements, underground parking lots, concrete curtain walls, retaining walls and similar structures which have contact with soil, for isolation of connection points of basement floors and surrounding walls, cold joint stripes, and water flood areas.

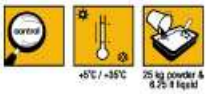
TECHNICAL CHARACTERISTICS

Application	: Brush, Trowel
Display	: 25 kg kraft sacks
Application time	: Approx. 2 hours
Application temperature	: +5 °C to +35 °C
Consumption	: Against ground humidity; 2 kg/m^2 (dry layer thickness of approx. 1.2 mm) Against pressurized water; 4 kg/m^2 (dry layer thickness of approx. 2.4 mm)
Mixing ratio	: Approx. 8.75 lt mixing liquid for 25 kg mortar
Storage	: 12 months in dry rooms in unopened packaging

PROOF S

Semi-Flexible Water proofing material with two components

Cement based, two component, semi flexible water proofing material under ceramic or similar covering materials. It is suitable for special or private showers, kitchens, wc, terrases, balconies where excess water is transfered. Well adopted to cement based mortars and plasters. For applications immerssed in water such as swimming pools and water tanks **VitrA Fix PROOF**, full flexible water proofing materail is recommended. Do not expose to UV and direct sun light.



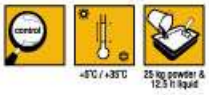
TECHNICAL CHARACTERISTICS

Application	: Roller, Steel Trowel, Brush
Display	: 25 kg powder + 6.25 lt liquid
Color	: Powder (Grey), Liquid (White)
Consumption	: 1.5-2 kg/m^2 1 mm thickness
Mixing ratio	: 6.25 lt liquid for 25 kg sacks
Application temperature	: +5 °C to +35 °C
Resistance to temperature	: -30 °C to +80 °C (after final strength)
Setting time	: 6-12 hours
Bed thickness	: Min. 2 mm (2 layers)
Tile application time	: Min. 12 hours
Storage	: 12 months in dry rooms in unopened packaging

PROOF

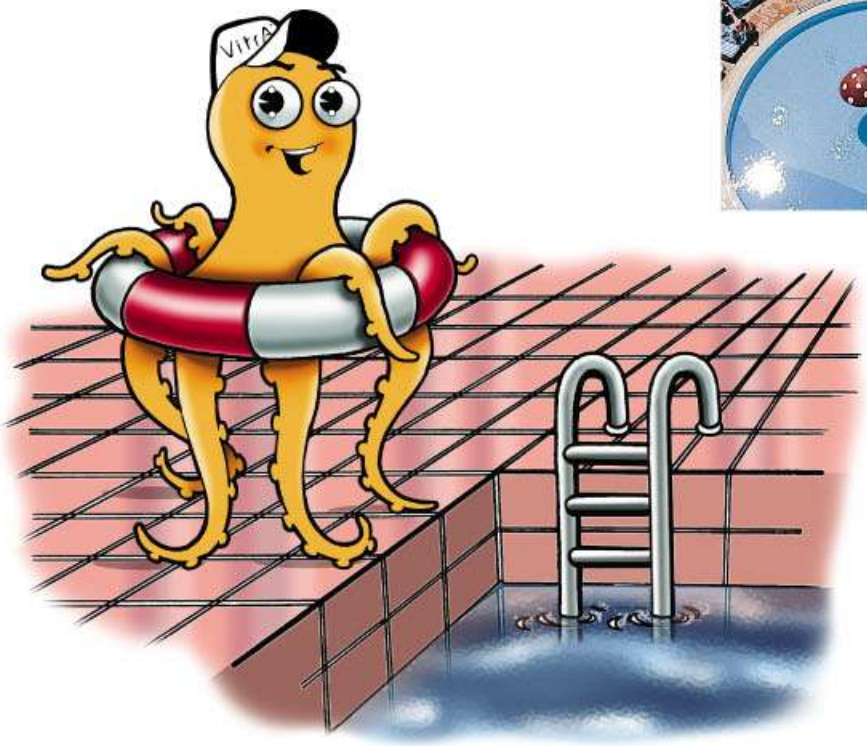
Water proofing material with two components

The cement based water proofing material under ceramic or similar covering well adapted for walls and floors which are exposed to dampness of water. It is available for application on gypsium plasters components, mortar, plasterboard pannels. Before fixing tiles apply **VitrA Fix PROOF** at least 2 layers to provide a water proofing surface. It is also suitable for swimming pools. Tile applications should be done after the surface is sealed by **VitrA Fix PROOF**.



TECHNICAL CHARACTERISTICS

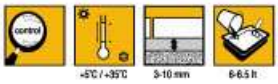
Application	: Roller, Steel Trowel, Brush
Display	: 25 kg powder + 12.5 lt liquid
Color	: Powder (Grey), Liquid (White)
Consumption	: 1.5 kg/m^2 for 1 mm thickness (Min 1.5 mm)
Mixing ratio	: 12.5 lt liquid for 25 kg sacks
Application temperature	: +5 °C to +35 °C
Resistance to temperature	: -30 °C to +80 °C
Setting time	: 6 hours
Bed thickness	: 1.5 - 2 mm
Tile application time	: Min. 12 hours
Storage	: 12 months in dry rooms in unopened packaging



S5 (1-5 mm thickness)

Self levelling compound (1-5 mm)

Cement based self levelling compound for flooring indoor places for ceramic tiles, carpets, wooden floorings, vinly or similar floor coverings where 1 to 5 mm thickness required. Coverings can put on lying 12-24 hrs after application. The surface should be primed with **VitrA Fix FILM** before application.



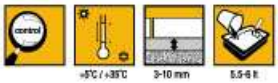
TECHNICAL CHARACTERISTICS

Application	: Steel Trowel, Spiked Roller
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 1.5-2 kg/m² for 1 mm thickness
Color	: Grey
Mixing ratio	: 25 kg powder mixed with 6-6.5 lt clean water
Resistance to temperature	: -30 °C to +80 °C (after final strength)
Application thickness	: 1-5 mm
Pot life	: 30 minutes
Opening foot traffic	: 24-48 hours (20 °C, 50% rel. hum.)
Storage	: 12 months in dry rooms in unopened packaging

S10 (3-10 mm thickness)

Self levelling compound

For levelling and smoothing out uneven substrates, application thickness 3 to 10 mm. suitable for use under seramic and other types of coverings it is suitable for concrete slaps and cement mortar screeds etc. **VitrA Fix S10** can be used areas such as school, offices, hospitals, apartments. Not suitable for permanetly damp rooms or floors and exterior areas. According to weather conditions, setting time changes between 12-24 hours.



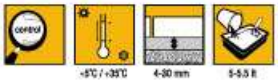
TECHNICAL CHARACTERISTICS

Application	: Steel Trowel, Spiked Roller
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 1.5-2 kg/m² for 1 mm thickness
Color	: Grey
Mixing ratio	: 25 kg powder mixed with 5.5-6 lt clean water
Resistance to temperature	: -30 °C to +80 °C (after final strength)
Application thickness	: 3-10 mm
Pot life	: 30 minutes
Opening foot traffic	: 24-48 hours (20 °C, 50% rel. hum.)
Storage	: 12 months in dry rooms in unopened packaging

S30 (4-30 mm thickness)

Self levelling compound

VitrA Fix S30 is suitable for all public and private premises where heavy traffic is requiring a finish covering such as ceramic tiles, carpets, plastic tiles or coverings, wooden flooring and their suitable adhesives. Thickness from 4 mm. to 30 mm. interior floor applications available on old tiles, special floor paints, asphalt bases, particle board flooring, wooden, parquet flooring, cement mortar screed, concrete etc. It contains fiber for crackless application. According to weather conditions, setting time changes between 6-8 hours.



TECHNICAL CHARACTERISTICS

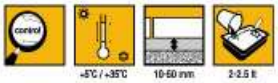
Application	: Steel Trowel, Spiked Roller
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 1.5-2 kg/m² for 1 mm thickness
Color	: Grey
Mixing ratio	: 25 kg powder mixed with 5-5.5 lt clean water
Application temperature	: +5 °C to +30 °C
Resistance to temperature	: -30 °C to +80 °C
Opening foot traffic	: 12 hours
Application thickness	: 4-30 mm
Pot life	: 30 minutes
Storage	: 12 months in dry rooms in unopened packaging

NEW PRODUCT

F 50 (10-50 mm thickness)

Dry mortar (10-50 mm)

Cement based dry mortar for uneven surfaces where 10-50 mm of thickness required. It is suitable for underlying ceramic tiles, natural marble&stones, wood coverings and also for carpets. It is an alternative product for conventional cement based mortars for floors. Water ratio is written back of package and technical data sheets and should be obeyed to get the high est performance. Standart or flexible cement based tile adhesives can be used for fixing tiles immediately on **F 50** application without waiting for setting time. For more technical information please consult technical assistance.



TECHNICAL CHARACTERISTICS

Application	: Steel Trowel
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 1.5-2 kg/m² for 1 mm thickness
Color	: Grey
Mixing ratio	: 25 kg powder mixed with 2-2.5 lt clean water
Resistance to temperature	: -30 °C to +80 °C (after final strength)
Application temperature	: +5 °C to +35 °C
Application thickness	: 10-50 mm
Opening foot traffic	: 24-48 hours (at +23° C)
Full hardening time	: 28 days (at +23° C)
Tile application time	: Hemen (isteğe bağlı olarak)
Storage	: 12 months in dry rooms in unopened packaging

SM 610

Acetic antibacterial silicone sealant

VitrA Fix SM 610 is one part, acid curing silicone sealent for general purpose sealing in do it your self applications. Good adhesive strength on glass, vitrified surfaces, ceramic tiles, many plastic and most paint. **VitrA Fix SM 610** should not be used on substrates such as marble, concrete, fibrous cement and mortar, as the product realeases acetic and during vulcanization.

TECHNICAL CHARACTERISTICS

Application	: Special silicone gun
Display	: 310 ml cartridge, 25 pcs/box
Color	: Transparent, Light Grey, White
Consumption	: 10-12 m/cartridge
Application temperature	: +5 °C to +40 °C
Resistance to temperature	: -40 °C to +100 °C
Temel uygulama alanı	: Vitrifiye elemanlar
Tensile strength	: 0,6 Mpa
Elongation at break	: %200
Tack free time	: 25 minutes (23 °C, 50% rel. hum.)
Hardness (Shore A)	: 18

SM 810

Neutral-antibacterial silicone sealant

VitrA Fix SM 810 is one part, neutral curing silicone sealant with excellent adhesion and long shelf life. Excellent adhesion on tile ceramic glass, concrete, masonry,aliminium, metal, wood, PVC. For sealing joints of sanitary, ceramic, tile, window, door. etc. And for filling small cracks and joins. It is suitable for fixing mirrors and tiles on wall. It is non-corossive. It has high resistance to UV. and strong weather conditions. It is suitable for all kinds of DIY applications (houses, boats, cars, caravans etc.)

TECHNICAL CHARACTERISTICS

Application	: Special silicone gun
Display	: 310 ml cartridge, 25 pcs/box
Color	: Transparent, Light Grey, White
Consumption	: 10-12 m/cartridge
Application temperature	: +5 °C to +40 °C
Resistance to temperature	: -40 °C to +100 °C
Temel uygulama alanı	: DIY (tadilat, onarım)
Tensile strength	: 0.5 Mpa
Elongation at break	: %250
Tack free time	: 15 minutes (23 °C, 50% rel. hum.)
Hardness (Shore A)	: 18

MS 02

Single component hybrid joint fill mastic

VitrA Fix MS 02 is suitable for connection and expansion joints at inner and outer sections of structures. You can use it at joints at high-rise structures, entire of structures, i.e. windows, doors, and roof sections and isolations at wooden and metal structures and at food sections. **VitrA Fix MS 02** is a multipurpose, single component, hybrid-based joint fill mastic. **VitrA Fix MS 02** has water impermeability properties, and gains a soft and elastic property due to humidity in air. They have good resistance to weather conditions and have good UV sensitivity.

TECHNICAL CHARACTERISTICS

Type	: MS-Polymer
Display	: 600 mlt sausage, 290 ml cartridge, 20 pcs/box
Color	: Corcrete Grey, Black, White
Hardening system	: Via air contact
Density	: Approx. 1,5 g/cm (DIN 52451-PY)
Change in volume	: <-3% (DIN 52451-PY)
Elongation-tensile value at 100%	: Approx. 0.3-0.4 N/mm^2 (DIN 52455 NWT-1-A2-100)
Shore-hardness	: Approx. 25 (DIN 53505, 4 hafta 23 C/%50 r.F.)
Expansion ratio	: 25%, depending upon joint width
Thermal resistance	: Approx. -40 °C to + 80 °C
Application temperature	: +5 °C to +40 °C
Storage	: 9 months in dry rooms in unopened packaging

RM 20

Surface smoothing & repairing mortar up to 5-20 mm

Cement based, polymer modified, coarse grained, specially formulated surface smoothing and repairing mortar up to 5- 20 mm. Easy application on concrete an cement based plasters or mortars and brickworks on walls. **VitrA Fix LATEX** can be mixed with 1/3 of water content of **VitrA Fix RM 20** to increase the product flexiblity, physical and mechanical performance. Any wall coatings can be applied on **VitrA Fix RM 20** after setting time is finished. Application on gypsium or cement based chip boards is not allowed.

control

+5°C / +30°C

▼ TECHNICAL CHARACTERISTICS

Application	: Steel Trowel
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 1.5 kg/m² for 1 mm thickness
Color	: Grey, White
Mixing ratio	: 25 kg powder mixed with 6.25-6.75 lt clean water
Resistance to temperature	: -30 °C to +80 °C (after final strength)
Application thickness	: 5-20 mm
Setting time	: 24 hours
Pot life	: 3 hours
Storage	: 12 months in dry rooms in unopened packaging

RM 27

Surface smoothing and repairing mortar

Cement based, concrete smoothing mortar from 2 up to 7 mm. thickness. It is suitable for cement mortar finishing coats, concrete, brickwork etc. After **VitrA Fix RM 27** application, paint or decorative paints can be applied. **VitrA Fix LATEX** can be added into the mixture to give more flexibility and high adhesion beetween the surfaces. Not suitable for wood, plaster, fibre cement, cellular concrete and gypsum surfaces.

control

+5°C / +30°C

▼ TECHNICAL CHARACTERISTICS

Application	: Steel Trowel
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 1.5 kg/m² for 1 mm thickness
Color	: Grey, White
Mixing ratio	: 25 kg powder mixed with 6.25-6.75 lt clean water
Resistance to temperature	: -30 °C to +80 °C (after final strength)
Application thickness	: 2-7 mm
Setting time	: 24 hours
Pot life	: 3 hours
Storage	: 12 months in dry rooms in unopened packaging

RM FLAT

Surface smoothing plaster

Cement based surface smoothing plaster with mineral based filling materials, and special binders. Easy application on concrete surfaces and cement based mortars. Do not apply on: wood, timber, cement based boards. Before the application on pre-cast concrete panel and gypsum boards, contact with producer. It's applied for thickness up to 2 mm. using a plain trowel. Decorative paints and plasters that get along well with cement based products can be applied on it.

control

+5°C / +30°C

▼ TECHNICAL CHARACTERISTICS

Application	: Steel Trowel
Display	: 25 kg kraft sacks, 1200 kg on palette
Consumption	: 1.5 kg/m² for 1 mm thickness
Color	: Grey, White
Mixing ratio	: 25 kg powder mixed with 10-10.5 lt clean water
Resistance to temperature	: -30 °C to +80 °C (after final strength)
Application thickness	: 0-3 mm
Setting time	: 24 hours
Pot life	: 3 hours
Storage	: 12 months in dry rooms in unopened packaging

PU PROOF

PU

One component, UV resistance, liquid membrane for waterproofing & protection.

One component, low viskosity polyurethane fluid that cures with the humidity in the atmmosphere. It produces an elastic strong film with excellent adhesion to different surfaces. Apply with brush, roller or airless in one or two coats.

▼ TECHNICAL CHARACTERISTICS

Application	: Roller or airless spraying machine
Display	: 25 kg metal cans (27 pcs, 675 kg on palette)
Consumption	: 1.50-2.00 kg/m²
Color	: Grey, Red, White
Opening foot traffic	: 48 hours
Storage	: 1 year
System thickness	: 0.500 - 2 mm
Elasticity	: 600%

PU PROOF T

PU

Polyurethane full aliphatic transparent liquid membrane for water proofing

One component, low viskositiy polyurethane fluid that cures with the humidity in the atmosphere. It produces an elastic strong film with excellent adhesion to different surfaces. Apply with brush, roller or airless in one or two coats on ceramic tiles, marbles ext. **VitrA Fix PU PRIMER T** is used before application on tiles or ext.

▼ TECHNICAL CHARACTERISTICS

Application	: Roller or airless spraying machine
Display	: 4 kg metal cans (27 pcs, 540 kg on palette)
Consumption	: 1.50-2.00 kg/m²
Color	: Transparent
Opening foot traffic	: 48 hours
Storage	: 1 year
System thickness	: 0.500 - 1.5 mm
Elasticity	: 600%

EP BITUMEN

EP

Epoxy liquid membrane for waterproofing & expansion joints

Fast curing, two component epoxy liquid membrane. It produces a strong film with excellent adhesion to humidty surfaces. Apply with brush, roller or airless in one or two coats.

▼ TECHNICAL CHARACTERISTICS

Display	: 20 (17+3) kg metal cans
Consumption	: 1.50-2.00 kg/m²
Component	: 2
Density	: 1.6 - 1.8 gr/m³ (20 °C TS EN ISO 2811-1)
Viscosity	: Tiksotropik
Shore A	: ~80 - ASTM D 2240, DIN 53505
Mixture of solids	: By weight 100 - By volume 100
Application of thinner	: Not been
Mixing ratio	: A/B: 85/15 (by weight)
Mixing life	: 40-60 minutes / 23 °C, 200 g DIN 16945
Application	: Trowel, spatulate
Sarfiyat	: 1.7 kg/m² for 1 mm thickness
Setting time	: To dry to touch: 8-10 hours (25 °C TS 4317) Full authority : 7 days (25 °C TS 4317)

PU BITUMEN

PU

Bitumen liquid membrane for waterproofing & expansion joints

Two component polyurethane liquid membrane. It produces semi elastic strong film with excellent adhesion to different surfaces. Apply with brush, roller or airless in one or two coats. The product is based on pure elastomeric hydrophobic polyurethane resins and extended with polymerized bitumen.

▼ TECHNICAL CHARACTERISTICS

Application	: Roller or airless spraying machine
Display	: 20 (16+4) kg metal cans
Consumption	: 1.50-2.00 kg/m²
Color	: Black
Opening foot traffic	: 48 hours
Storage	: 1 year
System thickness	: 0.500 - 2 mm
Elasticity	: 1500%

PU SEALANT 2C

PU

Two components, high elastic, liquid material for sealing wide expansion joints

The product is a pourable grade for horizontal joints. **VitrA Fix EPOPRIMER** is to be used for porous surfaces. Prepare the joint, clean and remove all the burrs. Apply the material on the primed surface when the primer is still tacky.

TECHNICAL CHARACTERISTICS

Application	: With pouring method
Display	: 5 (4+1) kg metal cans
Consumption	: 1.50-2.00 kg/mt
Color	: Grey
Storage	: 1 year
Dilatation width	: 10-20 cm
Elasticity	: 500%

PU SEALANT

PU

Thixotropic polyurethane sealant for horizontal & vertical joints

One component polyurethane sealant that cures with the humidity to form a though but highly elastic sealant of low modulus. High elastic - Shore A: 25

TECHNICAL CHARACTERISTICS

Display	: 600 ml sausage (20 pcs/box)
Application	: Special sausage gun
Consumption	: 100-150 cc/mt
Color	: Grey, White, Black
Storage	: 1 year
Hardness	: Shore A (25)

NEW PRODUCT

ANCHOR 2C

PU

Epoxy based, thixotropic, fast curing fixing mortar

Two component, solvent free, non-sag, epoxyacrylate, easy to use anchorage and fixing mortar.

TECHNICAL CHARACTERISTICS

Display	: 345 ml binary cartridges
Consumption	: 0.250-0.500 ml/hole
Component	: 2
Density	: 1.70 gr/cm³
Application temperature	: +5 °C to +25 °C
Application thickness	: Max. 20 mm
Setting time	: At +20 °C, 120 dk (t curing)
Application	: Special silicone gun (**ANCHOR 2C GUN**)
Sarfiyat	: Variable
Viscosity	: Tiksotropik

NEW PRODUCT

ANCHOR 2C GUN

PU

Application gun.

PU PRIMER T

EP

One component, colourless primer for **VitrA Fix PROOF T**

▼ TECHNICAL CHARACTERISTICS

Application	: Roller or airless spraying machine
Display	: 1 kg metal cans (12 pcs/box)
Consumption	: 0.200-0.500 kg/m²
Color	: Transparent
Openinig foot traffic	: 24 hours
Storage	: 1 year
System thickness	: 0.100-0.200 mm

EPOPRIMER

EP

Epoxy based, solventless, two component primer

Solventless, epoxy based impegration primer. Provides a film thickness for coatings on the surface.

▼ TECHNICAL CHARACTERISTICS

Application	: Roller or airless spraying machine
Display	: 25 (17+8) kg metal cans
Consumption	: 0.200-0.500 kg/m²
Color	: Transparent
Openinig foot traffic	: 24 hours
Storage	: 1 year
System thickness	: 0.300-0.500 mm

EPOMET PRIMER

EP

Epoxy based, solventless, two component primer for metal surfaces

Solventless, epoxy based metal primer.

▼ TECHNICAL CHARACTERISTICS

Display	: 20 (16+4) kg metal cans
Consumption	: 0.150-0.300 kg/m²
Brightness	: Matt
Color	: Grey
Density	: 1.40 - 1.50 gr/ml
Mixture of solids (%)	: By weight 68 ± 2
Application	: Pneumatic spraying machine, Airless spraying machine, Brush, Roller
Hardening rate	: 7/1 (by weight)
Mixing life	: BHO-0750 8 hours Normal
	: BHO-0755 6 hours Fast
Application viscosity	: 20-24 sn / DINCUP4 / 20 °C
VOC	: 230 gr/l
Flash point	: > 21 °C

EPOSELF 2C

EP

Epoxy based, solventless, self levelling flooring material

VitrA Fix EPOPRIMER is applied on the surfaces before the application. Component A (Resin) and Component B (Hardener) is mixed with mixer in 300 rpm/min. The mixture can be applied on prepared surface. The final coat finishes with epoxy or polyurethane paints. This system can be used for industrial floorings, hospitals, wharehouses, showrooms etc.

TECHNICAL CHARACTERISTICS

Display	: 15 (12+3) kg metal cans
Consumption	: 1.50-3.00 kg/m²
Component	: 2
Density	: 1.70-1.90 gr/cm³ (20 °C TS EN ISO 2811-1)
Mixture of solids (%):	By weight 100
	: By volume 100
Shore D	: 85 - ASTM D 2240, DIN 53505
Mixing ratio	: By weight; A/B : 48/12
Mixing life	: 30-40 minutes (23 °C, 200 g DIN 16945)
Application	: Trowel, rakel
Sarfiyat	: 1.8 kg for 1 mm thickness
Setting time	: To dry to touch: 10-12 hours (25 °C TS 4317)
	Full authority : 7 days (25 °C TS 4317)

EPOSELF 3C

EP

Three component, epoxy based, solventless self levelling, flooring material

VitrA Fix EPOPRIMER is applied on the surfaces before the application. Component A (Resin) and Component B (Hardener) and Component C(Quartz) is mixed with mixer in 300 rpm/min. The mixture can be applied on prepared surface. The final coat finishes with epoxy or polyurethane paints. This system can be used for industrial floorings, hospitals, wharehouses , showrooms etc.

TECHNICAL CHARACTERISTICS

Display	: 25 (12+3+10) kg metal cans
Consumption	: 1.50-3.00 kg/m²
Component	: 3
Density	: 1.70-1.90 gr/cm³ (20 °C TS EN ISO 2811-1)
Mixture of solids (%):	By weight 100
	: By volume 100
Shore D	: 85 - ASTM D 2240, DIN 53505
Mixing ratio	: By weight; A/B/C : 48/12/40
Mixing life	: 30-40 minutes (23 °C, 200 g DIN 16945)
Application	: Trowel, rakel
Sarfiyat	: 1.8 kg for 1 mm thickness
Setting time	: To dry to touch: 10-12 hours (25 °C TS 4317)
	Full authority : 7 days (25 °C TS 4317)

EPOSELF ANTISTATIC 3C

EP

Three components, epoxy based, solventless, antistatic flooring material

VitrA Fix EPOPRIMER is applied on the surfaces before the application. Component A (Resin) and Component B (Hardener) and Component C(Quarz) is mixed with mixer in 300 rpm/min. The mixture can be applied on prepared surface. This system can be used for electronic device producers, medical, hospitals (operation rooms) etc.

TECHNICAL CHARACTERISTICS

Display	: 25 (12+2.5+12.5) kg metal cans
Consumption	: 1.50-3.00 kg/m²
Component	: 3
Density	: 1.70-1.90 gr/cm³ (20 °C TS EN ISO 2811-1)
Mixture of solids (%)	: By weight 100
	: By volume 100
Shore D	: 85 - ASTM D 2240, DIN 53505
Mixing ratio	: By weight; A/B/C : 48/12/40
Mixing life	: 30-40 minutes (23 °C, 200 g DIN 16945)
Elektrik iletkenlik katsayısı:	10^{-6} Ω (DIN 51953)
Application	: Trowel, rakel
Sarfiyat	: 1.8 kg for 1 mm thickness
Setting time	: To dry to touch: 10-12 hours (25 °C TS 4317)
	Full authority : 7 days (25 °C TS 4317)

EPOSELF ELASTIC

EP

Two components, epoxy based, solventless, elastic flooring material

VitrA Fix EPOPRIMER is applied on the surfaces before the application. Component A (Resin) and Component B (Hardener) is mixed with mixer in 300 rpm/min. The mixture can be applied on prepared surface. The final coat finishes with epoxy or polyurethane paints. This system can be used on metal surfaces.

TECHNICAL CHARACTERISTICS

Display	: 20 (17.4+2.6) kg metal cans
Consumption	: 1.50-3.00 kg/m²
Density	: 1.50-1.70 gr/ml
Application of thinner:	Not been
Mixing ratio	: By weight; A/B : 87/13
Mixing life	: 30-60 minutes / 20 °C, 200 g
Application	: Trowel, rakel
Sarfiyat	: 1.6 kg for 1 mm thickness
Setting time	: Powder drying : 2-3 hours (25 °C)
	To dry to touch: 6-8 hours (25 °C)
	Full authority : 7 days (25 °C)

PU LEVELLING

PU

Two components, polyurethane based, self levelling flooring material

VitrA Fix EPOPRIMER is applied on the surfaces before the application. Component A (Poliol) and Component B (Isocyanate) is mixed with mixer in 300 rpm/min. The mixture can be applied on prepared surface. The final coat finishes polyurethane paints. This system can be used for industrial floorings, hospitals, showrooms etc.

TECHNICAL CHARACTERISTICS

Application	: Steel trowel
Display	: 20 (16+4) kg metal cans
Consumption	: 1.50-3.00 kg/m²
Color	: Grey, White
Openinig foot traffic:	24 hours
Storage	: 1 year
System thickness	: 1.0-3.0 mm

PU LEVELLING ELASTIC

PU

Two components, polyurethane based highly elastic, self levelling flooring material

VitrA Fix EPOPRIMER is applied on the surfaces before the application. Component A (Poliol) and Component B (Isocyanate) is mixed with mixer in 300 rpm/min. The mixture can be applied on prepared surface. This system can be used for sport floorings.

▼ TECHNICAL CHARACTERISTICS

Display	: 20 (16+4) kg metal cans
Consumption	: 1.50-5.00 kg/m²
Component	: 2
Density	: 1.30-1.40 gr/cm³ 20 °C TS EN ISO 2811-1
Shore A	: 70 - 75 ASTM D 2240, DIN 53505
Mixture of solids (%)	: By weight 100
	By volume 100
Mixing ratio	: By weight; 100:25
Mixing life	: 30-40 minutes /23 °C, 200 g (DIN 16945)
Application	: Trowel, rakel
Application area	: 1.40 kg for 1 mm thickness
Setting time	: To dry to touch: 5-7 hours (25 °C TS 4317)
	Full authority : 7 days (25 °C TS 4317)

EPOCOAT

EP

Two components, epoxy based coating for protection & water-profing

Excellent adhesion on concrete, metalic surfaces, wood, etc. Extremely high chemical resistance. Excellent resistance to low and high temperature.

▼ TECHNICAL CHARACTERISTICS

Application	: Roller or airless spraying machine
Display	: 10 (5+5) kg metal cans
Consumption	: 1.50-3.00 kg/m²
Color	: Grey
Openinig foot traffic	: 24 hours
Storage	: 1 year
System thickness	: 0.200-0.400 mm

PU TOPCOAT 2C

PU

Two components, polyurethane aromatic coating for protection & water-proofing

Excellent adhesion on concrete, metalic surfaces, wood, etc. Excellent resistance to low and high temperature.

▼ TECHNICAL CHARACTERISTICS

Application	: Roller or airless spraying machine
Display	: 20 (17+3) kg metal cans
Consumption	: 1.50-3.00 kg/m²
Color	: Grey
Openinig foot traffic	: 24 hours
Storage	: 1 year
System thickness	: 0.300-0.500 mm

PU TOPCOAT 2CA

PU

Two components, polyurethane aliphatic coating for protection & water-proofing

UV resistance for open areas. Excellent resistance to low and high temperature.

▼ TECHNICAL CHARACTERISTICS

Display	: 20 (15+5) kg metal cans
Consumption	: 1.50-3.00 kg/m²
Brightness	: Bright
Density	: 1.20-1.30 gr/ml
Mixture of solids (%)	: By weight 71±2
	By volume 63±2
Hardening rate	: By weight; 3:1
Mixing life	: 6-8 hours / 20 °C, 200 g
Application	: Pneumatic spraying machine, Airless spraying machine, dipping, electrostatic
Sarfiyat	: 11-12 m²/lt (50 µ dry film thickness)
Application viscosity	: 18-25 seconds/DINCUP4/20 °C
Dry period	: To dry to touch : 60 minutes (20 °C)
	Assembly to dry : 8 hours (20 °C)
	Drying oven : 30 minutes (80 °C)
Flash point	: >21 °C

NEW PRODUCT

EPOFILLER

EP

Two components, thixotrophic, epoxy based repairing mortar for walls

Excellent adhesion on vertical areas. Excellent resistance to low and high temperature.

▼ TECHNICAL CHARACTERISTICS

Display	: 10 (5+5) kg metal cans
Consumption	: 0.500-1.500 kg/m²
Component	: 2
Density	: 1.8-2.0 gr/cm³ (20 °C TS EN ISO 2811-1)
Viscosity	: Ticsothropic
Shore D	: ~70- ASTM D 2240, DIN 53505
Mixture of solids (%)	: By weight 100 By volume 100
Application of thinner	: Not been
Mixing ratio	: A/B : 50/50 (by weight)
Mixing life	: 40-60 minutes / 23 °C, 200 g DIN 16945
Application	: Trowel, spatulate
Sarfiyat	: 1.9 kg/m² for 1 mm thickness
Setting time	: To dry to touch: 8-10 hours (25 °C TS 4317) Full authority : 7 days (25 °C TS 4317)

NEW PRODUCT

PU FILLER

PU

Two components, polyurethane based filling material

It is used for filling the porous surface of rubber rollers. After filling the rollers, **VitrA Fix PU LEVELLING ELASTIC** can be applied on the surface. The final coat finishes polyurethane alifatic paints.

▼ TECHNICAL CHARACTERISTICS

Display	: 20 (17+3) kg metal cans
Consumption	: 0.500-1.500 kg/m²
Component	: 2
Density	: 1.6-1.8 gr/cm³ (20 °C TS EN ISO 2811-1)
Viscosity	: Ticsothropic
Shore A	: ~80- ASTM D 2240, DIN 53505
Mixture of solids (%)	: By weight 100 By volume 100
Mixing ratio	: A/B : 85/15 (by weight)
Mixing life	: 40-60 minutes / 23 °C, 200 g DIN 16945
Application	: Trowel, spatulate
Sarfiyat	: 1.7 kg/m² for 1 mm thickness
Setting time	: To dry to touch: 8-10 hours (25 °C TS 4317) Full authority : 7 days (25 °C TS 4317)

NEW PRODUCT

+
KUVARS

EPOREP 3C

EP

Three component, epoxy based repairing mortar for floors

It is used to repair existing cracks, holes etc. on the surface before the final industrial application. Excellent adhesion and resistance on horizontal areas.

▼ TECHNICAL CHARACTERISTICS

Display	: 25 (10+2.5+12.5) kg metal cans
Consumption	: 0.500-1.500 kg/m²
Component	: 3
Density	: 1.90-2.10 gr/cm³ (20 °C TS EN ISO 2811-1)
Shore A	: 85- ASTM D 2240, DIN 53505
Mixture of solids (%)	: By weight 100
Mixing ratio	: By weight; A/B/C : 40/10/50
Mixing life	: 40-60 minutes / 23 °C, 200 g DIN 16945
Application	: Trowel, spatulate
Sarfiyat	: Zemindeki çatlakların durumuna göre değişir.
Setting time	: To dry to touch: 7-8 hours (25 °C TS 4317) Full authority : 7 days (25 °C TS 4317)

NEW PRODUCT

PU ADHESIVE

PU

Two components, polyurethane adhesive for ceramic tiles

It is used to fix the big size sintered porcelain tiles on concrete floor. Because of it's thixotrophic specification, can be apllied both vertical and horizontal surfaces. Excellent adhesion on concrete, metal and wooden surfaces.

▼ TECHNICAL CHARACTERISTICS

Display	: 22 (20+2) kg metal cans
Consumption	: 0.500-2.500 kg/m²
Component	: 1.65-1.85 gr/ml
Mixture of solids (%)	: By weight 100
Mixing ratio	: By weight; 10/1
Mixing life	: 30-40 minutes / 20 °C
Application	: Trowel, rakel
Sarfiyat	: 300 - 600 gr/m²
Setting time	: To dry to touch: 7-8 hours (25 °C) Full authority : 7 days (25 °C)

NEW PRODUCT

QUARTZ

PU

Used in the systems for epoxy & polyurethane floorings.

▼ TECHNICAL CHARACTERISTICS

Display	: 50 kg
Consumption	: 1.00-3.00 kg/m²
Sieve analysis	: (100-300 micron) (200-500 micron) (1000 micron) (1000-3000 micron)

Adhesives for Insulation Boards

VT 500

VitrA Therm VT 500 is a high performance cement based adhesive which is used to fix all kinds (EPS, XPS, LAMPDOPOR and ROCKWOOL) of thermal insulation boards on all categories of concrete and masonry. It is resistant to thermal shocks and moisture.

TECHNICAL CHARACTERISTICS

Application	: 6-8-10 mm notched trowel
Display	: 25 kg kraft sacks, 48 pcs, 1200 kg on palette
Consumption	: The value changes according to site conditions. For EPS and XPS boards 4-5 kg/m^2, for mineral wools 5-6 kg/m^2
Color	: Grey
Mixing ratio	: 6.5-7 lt water for 25 kg sacks
Pot life	: 3 hour
Application temperature	: +5 °C to +35 °C
Under normal conditions on the concrete floor	: >0.25 (Nt/mm^2)
Water immersion (2 hours dry environment)	: >0.08 (Nt/mm^2)
Water immersion (7 days dry environment)	: >0.25 (Nt/mm^2)
Adhesion strength on the thermal insulation boards	: >0.08 (Nt/mm^2)
Storage	: 12 months in dry rooms in unopened packaging

VT 550

VitrA Therm VT 550 is a high performance acrylic dispersion based ready mixed adhesive which is used to fix all kinds (EPS, XPS, LAMPDOPOR and ROCKWOOL) of thermal insulation boards, particularly on wood, gypsum and alike surfaces. It is resistant to thermal shocks and moisture and suitable for use in interior and exterior applications.

TECHNICAL CHARACTERISTICS

Application	: V5-V6 notched trowel
Display	: 15 kg plastic cans
Consumption	: The value changes according to the site conditions. Approximate consumption amount is 3-4 kg/m^2
Color	: White
Mixing ratio	: Ready to use
Application temperature	: +8 °C to +35 °C
Adhesion strength on the thermal insulation boards	: >0.08 (Nt/mm^2)
Storage	: 12 months in dry rooms in unopened packaging

Thermal Insulation Boards

VT EPS

Expanded Polystyrene Thermal Insulation Board (density = 16 kg/m³). It is a E Fire Class product according to EN 13501-1. Thermal Conductivity of EPS is 0.04 W/mK. Provides thermal insulation.

▼ BOARD THICKNESS

VT EPS Thickness 2 cm
VT EPS Thickness 3 cm
VT EPS Thickness 4 cm
VT EPS Thickness 5 cm
VT EPS Thickness 6 cm
VT EPS Thickness 7 cm
VT EPS Thickness 8 cm

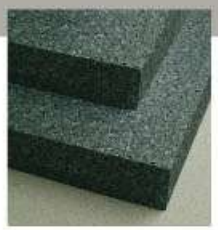
VT TERRAPOR

Expanded Polystyrene Thermal Insulation Board (density = 24 kg/m³) improved for base walls with low water absorption. It is a E Fire Class product according to EN 13501-1. Thermal Conductivity of TERRAPOR is 0.036 W/mK. Provides thermal insulation.

▼ BOARD THICKNESS

VT TERRAPOR Thickness 2 cm
VT TERRAPOR Thickness 3 cm
VT TERRAPOR Thickness 4 cm
VT TERRAPOR Thickness 5 cm
VT TERRAPOR Thickness 6 cm
VT TERRAPOR Thickness 7 cm
VT TERRAPOR Thickness 8 cm

VT LAMPDOPOR



Expanded Polystyrene Thermal Insulation Board improved with Grafit (density = 16 kg/m³). It is a E Fire Class product according to EN 13501-1. Thermal Conductivity of LAMPDOPOR is 0.031 W/mK. Provides thermal insulation.

▼ BOARD THICKNESS

VT LAMPDOPOR Thickness 2 cm
VT LAMPDOPOR Thickness 3 cm
VT LAMPDOPOR Thickness 4 cm
VT LAMPDOPOR Thickness 5 cm
VT LAMPDOPOR Thickness 6 cm
VT LAMPDOPOR Thickness 7 cm
VT LAMPDOPOR Thickness 8 cm

VT XPS

Extruded Polystyrene Thermal Insulation Board. It is a E Fire Class product according to EN 13501-1. Thermal Conductivity of XPS is 0.031 W/mK. Provides thermal insulation.

▼ BOARD THICKNESS

VT XPS Thickness 2 cm
VT XPS Thickness 3 cm
VT XPS Thickness 4 cm
VT XPS Thickness 5 cm
VT XPS Thickness 6 cm
VT XPS Thickness 7 cm
VT XPS Thickness 8 cm

VT ROCKWOOL

Rockwool exterior coating board. It is a E Fire Class product according to EN 13501-1. Thermal Conductivity of ROCKWOOL is 0.04 W/mK. Provides thermal, sound and fire insulation.

▼ BOARD THICKNESS

VT ROCKWOOL Thickness 3 cm
VT ROCKWOOL Thickness 4 cm
VT ROCKWOOL Thickness 5 cm
VT ROCKWOOL Thickness 6 cm
VT ROCKWOOL Thickness 7 cm
VT ROCKWOOL Thickness 8 cm

Adhesives for Thermal Insulation Boards

VT 600

VitrA Therm VT 600 is an easy-to-apply cement based base coat render which is applied over all kinds (EPS, XPS, LAMPDOPOR and ROCKWOOL) of thermal insulation boards. It is resistant to thermal shocks and moisture. **VitrA Therm VT 600** has an easy and crackless application both on internal and external walls.

▼ TECHNICAL CHARACTERISTICS

Application	: Trapezoidal trowel
Display	: 25 kg kraft sacks, 48 pcs, 1200 kg on palette
Consumption	: The value changes according to site conditions. For EPS and XPS boards 4-5 kg./m^2, for mineral wools 5-6 kg./m^2
Color	: Grey
Mixing ratio	: 6.5-7 lt water for 25 kg sacks
Pot life	: 3 hours
Application temperature	: +5 °C to +35 °C
Adhesion strength	: >0.08 (Nt/mm^2)
Storage	: 12 months in dry rooms in unopened packaging

VT 650

VitrA Therm VT 650 is an easy-to-apply acrylic dispersion based ready mixed base coat render which is applied over all kinds (EPS, XPS, LAMPDOPOR and ROCKWOOL) of thermal insulation boards. It is resistant to thermal shocks and moisture. **VitrA Therm VT 650** has an easy and crackless application both on internal and external walls.

▼ TECHNICAL CHARACTERISTICS

Application	: Notched trowel
Display	: 15 kg plastic cans
Consumption	: The value changes according to site conditions. Approximate consumption is 3-4 kg./m^2
Color	: White
Mixing ratio	: Ready to use
Application temperature	: +5 °C to +35 °C
Adhesion strength	: >0.08 (Nt/mm^2)
Storage	: 12 months in dry rooms in unopened packaging

Anchors for Fixing Thermal Insulation Boards

Nail-in cap anchor with plastic nail

Used for mechanical fixing of thermal insulation boards to concrete, bricks and honeycomb blocks. Pre-mounted nail ensures quick and easy installation.

▼ ANCHOR SIZE

VTP95 - 95 mm (For insulation boards with thickness 2-3-4 cm)
VTP115 - 115 mm (For insulation boards with thickness 5-6 cm)
VTP135 - 135 mm (For insulation boards with thickness 7-8 cm)
VTP155 - 155 mm (For insulation boards with thickness 9-10 cm)
VTP175 - 175 mm (For insulation boards with thickness 11-12 cm)

Nail-in cap anchor with steel nail

Used for mechanical fixing of thermal insulation boards to concrete, bricks and honeycomb blocks. Pre-mounted nail ensures quick and easy installation. Recommended in applications with ROCKWOOL.

▼ ANCHOR SIZE

VTC95 - 95 mm (For insulation boards with thickness 3-4 cm)
VTC115 - 115 mm (For insulation boards with thickness 5-6 cm)
VTC135 - 135 mm (For insulation boards with thickness 7-8 cm)
VTC155 - 155 mm (For insulation boards with thickness 9-10 cm)
VTC175 - 175 mm (For insulation boards with thickness 11-12 cm)

Screw-in cap anchor for concrete and masonry

Used for mechanical fixing of thermal insulation boards on all categories of concrete, solid and perforated masonry, lightweight aggregate and gas concrete. Pre-mounted screw ensures quick and easy installation. Additional caps and installable plugs allow homogeneous plain surfaces and even rendering - quick and milling dust.

▼ ANCHOR SIZE

VTMP115 - 115 mm (For insulation boards with thickness 5-8 cm)
VTMP135 - 135 mm (For insulation boards with thickness 8-10 cm)
VTMP155 - 155 mm (For insulation boards with thickness 10-12 cm)
VTMPR-T Rockwool Cap (Rondela)
VTMPR-E EPS Cap (Rondela)
VTMPF-E EPS Plug

Screw-in cap anchor for wood and metal sheets

Used for mechanical fixing of thermal insulation boards on wood fibreboards, chipboards, gypsum fibreboards, OSB plates, solid wood plates and metal sheets.

▼ ANCHOR SIZE

VTV90 - 90 mm (For insulation board with thickness 2-3-4 cm)
VTV110 - 110 mm (For insulation board with thickness 5-6 cm)
VTV130 - 130mm (For insulation board with thickness 7-8 cm)

Additional Plates for Anchors

Plate diameter of the cap anchor is enlarged through spesifically matched additional plates to perfectly fit to the demands of different insulation materials. Recommended for ROCKWOOL applications for a better fixing performance.

▼ PRODUCT TYPE

VTD 90 Additional Plate
VTD 140 Additional Plate

Corner Profiles

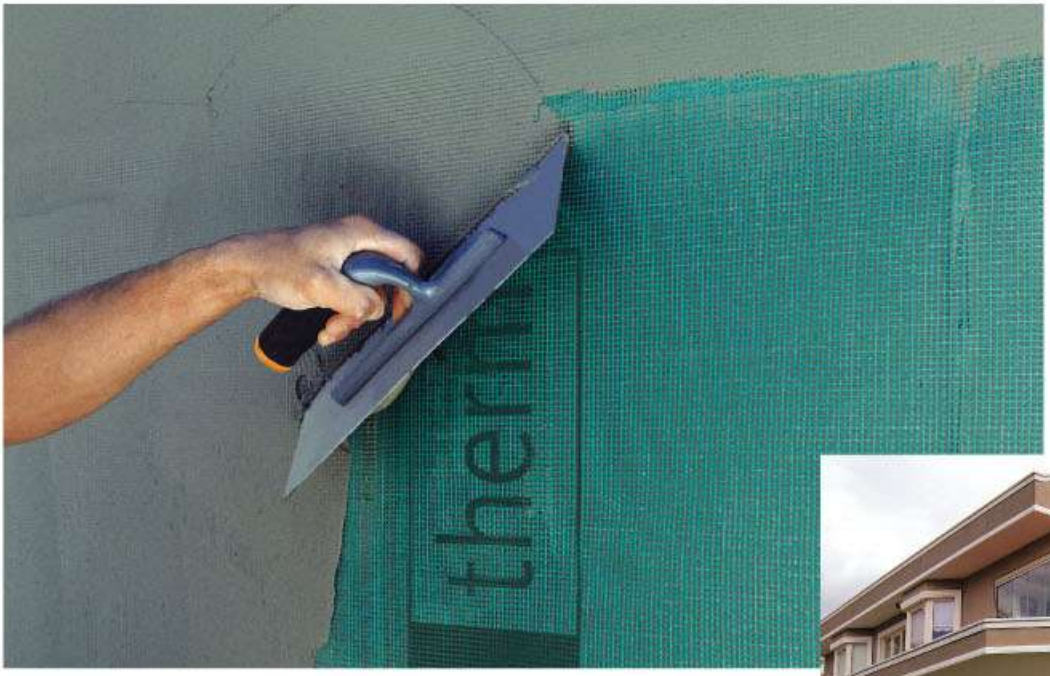
▼ PROFILE TYPE

VTAP Aluminium Corner Profile
VTPVC-F PVC Corner Profile reinfoced with mesh (8x12 cm)
VTAAKP Angular Aluminium Profile (135°)
VTPL-F Fileli Polistrol Corner Profile reinforced with mesh (8x12 cm)
VTPVC-H Angular PVC Corner Profile reinforced with mesh (10x10 cm)

Reinforcement Mesh

▼ MESH TYPE

VTDF 160 gr/m^2, an alkali resistant reinforcement mesh with square dimensions of 3.5 x 3.5 mm
VTPF 343 gr/m^2, an alkali resistant reinforcement mesh with square dimensions of 6 x 6 mm



Final Coating and Paints

VT 700

VitrA Therm VT 700 is cement based, easy-to-apply, textured final coating. It is resistant to thermal shocks and moisture.

▼ TECHNICAL CHARACTERISTICS

Application	: Trapezoidal trowel
Display	: 25 kg kraft sacks, 48 pcs, 1200 kg on palette
Consumption	: 3-5 kg/m^2 for 1.5-3 mm thickness
Color	: White
Mixing ratio	: 6.5-7 lt water for 25 kg sacks
Pot life	: 3 hours
Application temperature	: +5 °C to +35 °C
Storage	: 12 months in dry rooms in unopened packaging

VT 750 K

VitrA Therm VT 750 is cement based, easy-to-apply, thick textured final coating. It is resistant to thermal shocks and moisture.

▼ TECHNICAL CHARACTERISTICS

Application	: Trapezoidal trowel
Display	: 25 kg kraft sacks, 48 pcs, 1200 kg on palette
Consumption	: 4-5 kg/m^2 for 2-3 mm thickness
Color	: White
Mixing ratio	: 6.5-7 lt water for 25 kg sacks
Pot life	: 3 hours
Application temperature	: +5 °C to +35 °C
Storage	: 12 months in dry rooms in unopened packaging

JOTASHIELD EXTERIOR PAINTS

Jotashield Alkali Resistant Primer

High quality acrylic, exterior primer with superior adhesion and alkali resistance.

▼ TECHNICAL CHARACTERISTICS

Consumption: 0.10 lt/m^2

Jotashield Topcoat Silk

100% pure acrylic, high quality, UV resistant, environmentally friendly, exterior paint with a smooth finish. Long lasting exterior protection with a low dirt pick-up.

▼ TECHNICAL CHARACTERISTICS

Consumption: 0.30 lt/m^2

Jotashield Topcoat Tex Fine

100% pure acrylic, environmentally friendly, crack bridging flexible exterior paint in a fine texture, semi gloss finish.

▼ TECHNICAL CHARACTERISTICS

Consumption: 0.50 lt/m^2

Jotashield Topcoat Tex Ultra

100% pure acrylic, environmentally friendly exterior paint with excellent UV resistance, superior flexiblity – crack bridging up to 1.4 mm with a semi gloss finish in an attractive orange peel texture.

▼ TECHNICAL CHARACTERISTICS

Consumption: 0.50 lt/m^2

Aluminium Starter Profiles

PROFILE SIZE

VTSP3 - For insulation boards with thickness 3 cm
VTSP4 - For insulation boards with thickness 4 cm
VTSP5 - For insulation boards with thickness 5 cm
VTSP6 - For insulation boards with thickness 6 cm
VTSP7 - For insulation boards with thickness 7 cm
VTSP8 - For insulation boards with thickness 8 cm
VTMS - Aluminium starter profile fixing kit

Special Accessories

VTDP Aluminium Nosing Profile
VTDP-F PVC Window Sill Profile
VTGDP3 Expansion Joint Profile with Rubber - 3 cm.
VTGDP5 - Expansion Joint Profile with Rubber - 5 cm.
VTWSF PVC Window Edge Profile Reinforced with Mesh
VTPT3 Plastic Plug 3 mm. (used while fixing aluminium starter profile)
VTPT5 Plastic Plug 5 mm. (used while fixing aluminium starter profile)
VTPT8 Plastic Plug 8 mm. (used while fixing aluminium starter profile)
VTPT10 Plastic Plug 10 mm. (used while fixing aluminium starter profile)
VTWDP Window Sill Profile
VTYB Thermal Insulation Band

Notched Trowel

* Stainless Steel

TYPE	DİŞ EBADI(mm)	SIZE(cm)
Soft Handle	8x8	40
Soft Handle	10x10	50

Notched Trowel

* Stainless Steel

TYPE	DİŞ EBADI(mm)	SIZE(cm)
Soft Handle	6x6	30

Notched Trowel

* Stainless Steel

TYPE	DİŞ EBADI(mm)	SIZE(cm)
Wooden Handle	8x8	50
Wooden Handle	10x10	40

Notched Trowel

* Stainless Steel

TYPE	DİŞ EBADI(mm)	SIZE(cm)
Wooden Handle	V Notched	40

Marble Tile Trowel

* Stainless Steel

TYPE	SIZE(cm)
Soft Handle	50

Plastic Tile Trowel

* Stainless Steel

TYPE	SIZE(cm)
Aluminium Handle	30

Notched Spreader

* Stainless Steel

TYPE	DİŞ EBADI(mm)	SIZE(cm)
Wooden Handle	6x6	17
Wooden Handle	8x8	17
Wooden Handle	10x10	17
Wooden Handle	V Notched	17

Trapezoidal Trowel

* Stainless Steel

TYPE	SIZE(cm)
Soft Handle	35

Grouting Trowel

TYPE	SIZE(cm)
Short	28x14
Long	11x38

Sponge Trowel

TYPE	SIZE(cm)
	16x30

Epoxy Cleaning Pads & Trowel

TYPE	SIZE(cm)
	13x27
deuce	13x27

Epoxy Grouting Trowel

Scraper Float

TYPE	SIZE(cm)
	25

Internal Waterproofing Tape

TYPE	SIZE(cm)
	14

External Waterproofing Tape

TYPE	SIZE(cm)
	12

Waterproofing Textile Membrane

TYPE	SIZE(m)
290 gr	1x30

Waterproofing Elastomeric Tape

TYPE	SIZE(cm)
50 mtl	12

Punch

TYPE	SIZE(cm)

Plaster Hod

TYPE	SIZE(m)
35 lt	65x43

Tiler Tool Set

Knee Patch

Plastic Hammer

TYPE	SIZE(m)
700 gr	

Thermoplastic Dilatation Tape

TYPE	SIZE(m)
30 mtl	16
30 mtl	24

Butil Tape

TYPE	SIZE(m)
25 mtl	12

Spiked Roller

TYPE	SIZE(m)
	25

Spiked Boot

Tile Spacer (500 pcs)

TYPE	SIZE(mm)
Perforated (500 Adet)	2
Closed (500 Adet)	3
Perforated (500 Adet)	4
Perforated (500 Adet)	5
Perforated (500 Adet)	3

Export
E5 Karayolu üzeri Şifa Mah. Atatürk Cad. Tuzla 34941 İSTANBUL / TURKEY
Tel: +90.216.423 34 33 (Pbx) • Fax: +90.216.423 50 02

VitrA Tiles (Ireland) Ltd. Sales Department
IDA Business Park Ballynattin, Arklow Co. Wicklow, IRELAND
Tel: +353 402 26 500 • Fax: +353 402 91 355

Arklow Showroom
IDA Business Park Ballynattin, Arklow Co. Wicklow - IRELAND
Tel: +353 402 26 514 • Fax: +353 402 91 355

VitrA Bad GmbH - Center
Brucknerstraße 43, 56566 Neuwied
Tel: +49 (0) 26 22 / 88 95–0 • Fax: +49 (0) 26 22 / 88 95–500
Postfach: 21 01 40, 56538 Neuwied

VitrA Bad GmbH. Showroom
Agrippinawerft 24, 50678 Köln;
Tel: +49 (0) 2 21 / 27 73 68-0 • Fax: +49 (0) 26 22 / 88 95-500

VitrA Bath and Tiles JSC
Toganskaya Street -29 109147, Moscow - Russian Fedaration Moscow, RUSSIA
Tel / Fax: +7 (095) 911 30 07

Moscow Showroom
Toganskaya Street -29 109147, Moscow - Russian Fedaration Moscow, RUSSIA
Tel / Fax: +7 (095) 911 30 07

INFO - CENTER
İstanbul Info - Center
Bağdat Cad. Rıfat Bey Sok. Güngören Apt. No: 2 Caddebostan - İSTANBUL / TURKEY
Tel: +90 (0) 216.467 41 72 - 216.467 41 75 • Fax: +90 (0) 216.357 36 23

Ankara Info - Center
Turan Güneş Blv. No: 86 Yıldız, Çankaya - ANKARA / TURKEY
Tel: +90 (0) 312.439 46 01 • Fax: +90 (0) 312.440 94 50

VitrA FIX

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vitrafix.com.tr