

TECHNICAL DATA SHEET

ULTRAFIX-MP MS-polymer-base adhesive/sealant

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Product description

Gebosil ULTRAFIX MP is a high-quality adhesive/sealant based on hybrid silane-terminated polymer. It hardens by reaction with moisture in air. It is odourless, neutral and free of isocyanates.

After the application, on contact with the air moisture, the product cures realizing an elastic and long-lasting seal.

Fields of application

- Bonding of panels, skirting boards, sills, thresholds, mirrors and insulating materials
- Maximum sealing strength in glass assembly
- Connection of joints in buildings
- For kitchens and bathrooms
- In bodywork and joining of metal parts (caulking)
- For gluing and sealing jobs in shipyards
- Universal filler for cracks and uneven surfaces.

In general ULTRAFIX MP can be used to hermetically assemble pieces of glass, polished surfaces, porcelain-coated metal, panels of epoxy resin, polyester, polystyrene, stainless steel, anodized aluminium and painted wood.

Properties

- One-component
- Ready to use
- Cures also underwater
- Free of solvents and isocyanates
- Permanent elasticity
- High surface hardness
- Odourless
- High colour stability
- Adhesive properties unchanged over time
- Can be painted
- Adhesion without primer
- Excellent extrusion
- Excellent UV resistance

Technical characteristics

base	Hybrid polymer with silane terminations
state	thixotropic paste
polymerization	hygro-hardening
density	1,42 g/cm ³
skin formation	30 min. (23 °C, 45 % R.H.)
curing speed	3 mm / 24 h (20 °C, 45 % R.H.)
volume variation	< 2 %
hardness	45 Shore A
modulus at 100%	1,10 N/mm ²
elongation at break	400 %
tensile strength	2,1 N/mm ²
application temperature	+ 5 °C to + 50 °C
operating temperature	- 40 °C to + 100 °C
chemical resistance	Good to water, aliphatic solvents, mineral oils, inorganic bases and acids, fats Poor to aromatic solvents, concentrated acids, hydrocarbons

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Preparation and use

Use conditions:

Use at a temperature between + 5 °C and + 50 °C. For optimum performance of the product is recommended to use at a temperature of about 20 °C.

It is recommended to let the product harden completely before painting.

Requirements of the surface:

The surface must be clean, free from dust, oil, grease and release agents. Once the surface is clean do not wait more than 20 min. before applying the product.

It is recommended to test adhesion prior to application.

Apply in "ventilated", vertical stripes 30 cm one from the other.

Limitations:

Among other things, it is recommended not to use the product on PE, PP, Teflon and bituminous surfaces.

It can't be painted with paint containing alkyd resin.

Tools: manual or pneumatic gun.

Cleaning of tools, stains and waste: Remove the parts not yet cross-linked with mineral spirits. Hardened parts can be removed only mechanically.

Certification

ULTRAFIX MP is certified according to the following standards.

EN-15651-1 Sealant for façade elements: F-EXT-INT

EN-15651-3 Sealants for sanitary joints: S

For further information refer to the Declaration of Performance of the product.

Packaging

art.	colour	RAL	content
SILMP02	grey	7004	290 ml
SILMP03	white	9010	290 ml
SILMP04	black	9005	290 ml

Storage

In its original package in a dry place, away from direct sunlight in a cool place at temperatures between +5 °C and +25 °C, the product has a shelf life of 18 months.

Safety

Material Safety Data Sheets are available on request.

Avoid contact with mucous membranes and skin. Use gloves to avoid irritation, especially in sensitive individuals.

In case of contact with eyes, rinse with plenty of water and seek medical advice.

Dispose of empty containers.

Warranty

G&B FISSAGGI SRL guarantees the durability of the product within the limits of its shelf-life. Our responsibility can not under any circumstances go beyond what is laid down by our Conditions of sale.

G&B FISSAGGI SRL is not responsible under any circumstances for accidental damage or damage consequent to accidental events.



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Responsibility

These information and technical indications match our knowledge and our experiences but do not constitute warranty in relation to the final results or liability arising out of any legal relationship. Considered the variety of materials, conditions of handling and storage, as well as of conditions of production and use, all information and directions above shall be verified by the user according to its specific circumstances of use.