

TECHNICAL DATA

Polymers and the curing system:	MS Polymer
Consistency:	paste
Application temperature:	+5°C to +35°C
Specific weight:	1.5 kg/dm ³
Shore A hardness:	50 - 55
Modulus 100% (DIN 53504):	1.6 MPa
Tensile Strength (DIN 53504):	2.8 MPa
Elongation at break:	400 %
Tear strength (ASTM D 624-73):	16 N/mm
Skin formation time (20°C @ 50% RH):	approx. 20 - 30 min.
Curing speed (20°C @ 50% RH):	3 - 4 mm after 24 hrs.

Values given in this table must not be considered as specifications.

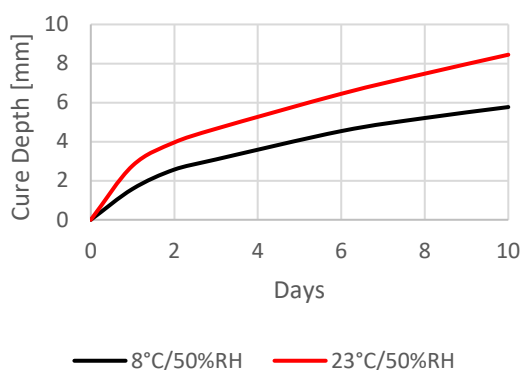
PRODUCT DESCRIPTION

A neutral, MS Polymer based, one-component sealant with rapid air moisture curing, specifically designed for sealing the perimeters of glazed units.

PRODUCT CHARACTERISTICS AND USES

MS SUPER SEAL has all the special features of MS Polymer technology.

- Contains no solvents or isocyanates.
- Virtually no shrinking.
- Flexible at low (-40°C) and high (+100°C) temperatures.
- Neutral reaction, odourless.
- Very rapid curing.
- Compatible with most industrial paints.
- Excellent adhesion on mineral glass and compatible with most synthetic glass on the market*.
- Excellent adhesion on a wide variety of substrates.
- Excellent adhesion on fiberglass, steel, and anodized aluminium.
- Excellent resistance to aging and UV rays.



*Preliminary adhesion tests should be carried out on synthetic glass, acrylic, and polycarbonates

PROFESSIONAL USES

- Perimeter seals (weather barrier) of mineral and synthetic glass* above the waterline, structurally mounted on other means of transport in general.
- Seals in general requiring high cohesion.

*Preliminary adhesion tests should be carried out on synthetic glass, acrylic, and polycarbonates

LIMITATIONS

- Applications in water continuous immersion have to be double checked with Fratelli Zucchini S.p.A. Technical Area.
- Not suitable for joints in swimming pools and adjacent areas that are in continuous contact with pool water.
- It must not be used for items that come in contact with food, or with materials that ooze oily substances or plasticisers.
- Furthermore, it must not be applied in completely enclosed spaces, with no exposure to atmospheric humidity.
- Do not use in extreme temperature conditions, or on damp, frozen, contaminated surfaces.
- Do not use on excessively acidic or basic substrates.
- Not suitable for use on natural copper.

METHOD OF USE

Adhesion and surface preparation: on clean glass, fiberglass and stainless-steel **MS SUPER SEAL** adheres directly without the application of primer. If the seals are directly exposed to solar radiation without protection, black, UV resistant **GX PRIMER** must be applied along the edges of the glass panels at least 20 minutes before applying the sealant. It is advisable to apply the primer onto the glass on the ground before assembly. On painted metal, clean and degreased bare metal, if specific tests prove the need, the surfaces may be treated with **WPX PRIMER**.

On synthetic glass it is advisable to carry out preliminary adhesion tests. For more detailed information on the use of

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MS SUPER SEAL

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primers and on the preparation of surfaces, please refer to the specific technical specifications and data sheet “**Primer for MS sealants**”.

Application: in order to facilitate the application of the sealant, it is advisable to pre-mask the external surfaces of the joint. Apply the sealant with an air gun or by hand and finish within 20 - 30 mins. **MS SUPER SEAL** must be used only for perimeter sealing, not for the structural bonding of glass panels. For this use **MS SCREEN HL** and **HL 90** are recommended. The products are compatible.

SAFETY AND HEALTH

See Safety Data Sheet.

- 600 ml bag. 18 months from the date of manufacture.
 - 25 kg drum 12 months from the date of manufacture.
- Store the sealed product in the original packaging, in a dry place at a temperature between +5°C and +25°C.
The product may become more viscose during storage.

PACKAGING

Code	Colour	Packaging	Pcs./box
1004773	grey	Bag 600 ml	12
1004766	black	Bag 600 ml	12
1005136	black	Cartridge 290 ml	24
1005947	white	Cartridge 290 ml	24

Other sizes available on request

STORAGE STABILITY

- 290 ml. cartridge 18 months from the date of manufacture.

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