



POLYMAR MS 955

Revision: 24/06/2025

TECHNICAL DATA

Polymers and the curing system:	MS Polymer, alcoxy
Consistency:	Paste
Application temperature:	+5°C to +35°C
Specific weight:	1,4 kg/dm ³
Shore A hardness:	55 Shore A (DIN 53505)
Modulus 100% (DIN 53504):	1,3 MPa (DIN 53504)
Tensile Strength (DIN 53504):	3,4 MPa (DIN 53504)
Elongation at break:	300%
Tear strength (ASTM D 624-73):	21 N/mm (ASTM D 624-73)
Skin formation time (20°C @ 50% RH):	approx. 7 min.
Curing speed (20°C @ 50% RH):	4 mm after 24 hrs.

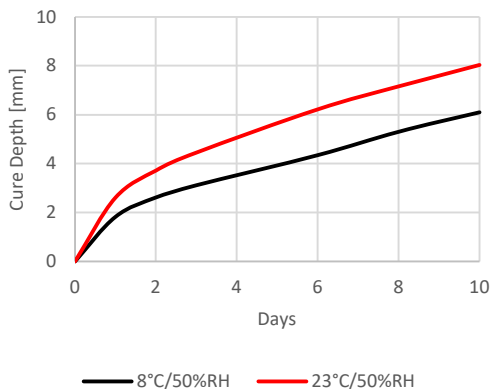
Values given in this table must not be considered as specifications.

PRODUCT DESCRIPTION

Fast grip structural adhesive/sealant, based **MS Polymer**.

PRODUCT CHARACTERISTICS AND USES

- High green strength. Paintable after a few minutes.
- High tensile strength and excellent resistance to extreme mechanical stress.
- Good adhesion onto a wide range of materials without primer.
- Isocyanate free and solventless.
- Almost no shrinkage after drying.



PROFESSIONAL USES

- For sealing marble, corian, mirrors.
- Underwater hull mechanical seal (sea inlet, flap, stabilizer fins).
- For sealing thruster.
- Line shafting supports.
- Deck fitting.

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 plasticizers.
- 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 to be used in contact with natural copper.
- Not to be used in direct contact with teak oil or similar.
- For any application not listed in this document please contact our Technical Service.

APPROVALS

MS 955 has been certified in accordance with Module-B of Dir.96/98/EC and amended as:

SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD CHARACTERISTICS: COVERINGS FOR FLOORS AND ADHESIVES USE IN THE CONSTRUCTION OF "A", "B" & "C" CLASS DIVISIONS. MED/3.18 (c) - MED/3.18 (e).

Certificate 0987 MED B/1011.

MS 955 has been certified in accordance with **Module-D** of Dir.2014/90/EU e Reg.(EU) 2022/1157, NO.MEDD000003U by DNV.

Issued 13-09-2023 e valid until 03-07-2028.

Fratelli Zucchini S.p.A.

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COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV
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COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001 =





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Applications / Limitations of use

The material fulfils the requirements of FTP Code (2010) Annex 1, Part 2 and 5. Calorific value to be less than 45 MJ/m² when required.

The compliance is valid for:

1. All the colours.
2. The weight of 302 g/m² (to which a tolerance of \pm 5% may be applied).

Notes: when using the product in cartridge, the L/6 pneumatic gun with telescopic piston or the L/POWER PRO electrical gun are recommended.

Application of the product may be difficult with the use of manual or traditional guns.

SAFETY AND HEALTH

See Safety Data Sheet.

METHOD OF USE

Adhesion and surface preparation: MS 955 has a very good primerless adhesion, provided surfaces are free from grease, on steel, galvanised steel, anodised aluminium and aluminium, on painted surfaces in general, on wood, glass and glazed surfaces, polyester and uPVC.

For application under severe conditions, such as under extremely wet conditions, or on porous surfaces, the use of a suitable primer can improve adhesion of the sealant.

More detailed informations about surface conditioning are available in the selection chart of "Primers for MS Sealants".

Application: when used as an adhesive, **MS 955** can be applied by a hand operated gun or an air gun onto only one part.

Join the parts together within 5 minutes.

On to big surfaces the adhesive can be applied in parallel lines distant 20 - 40 cm and along the perimeter.

Cure is realised by humidity, in presence of non porous surfaces it can be accelerated by nebulizing the parts by water before assembling.

Put both sides in contact within 5 minutes by using an adequate pressure. If necessary, maintain under pressure the parts until a complete curing. When used as a sealant, any tooling should be carried out within 10 minutes from the application.

Paintability: it should be kept in mind that any overpainting can modify the surface elastic properties of the sealant and its ability to flex with movement and may compromise the functionality of the joint.

The compatibility of the sealant with the paint must first be verified by testing.

Aesthetically pleasing results can generally be achieved by applying the paint after the sealant has hardened completely.

Solvent wiping: traces of **MS 955** can be cleaned using Solvent **ST/512**. Cured product can be removed mechanically.

STORAGE STABILITY

- 290 ml. cartridge 18 months from the date of manufacture.
- 600 ml bag. 18 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 viscous during storage.

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