

MS 955



POLY-MAR

PRODUCT DESCRIPTION

Fast grip structural adhesive/sealant, based MS Polymer.

PRODUCT CHARACTERISTICS

- 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.
- Excellent UV rays and weather resistance.
- Isocyanate free and solventless.
- Almost no shrinkage after drying.

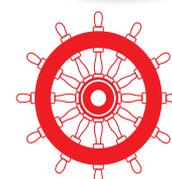
TYPICAL APPLICATIONS (professional use)

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

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
Modulus 100% (DIN 53504):	1,3 MPa (DIN 53504)
Breaking load (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.

The values in this table must not be considered as specifications.

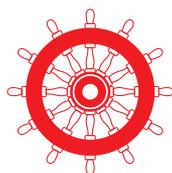


**MED
CERTIFIED**



MS 955

APPROVALS



NB 0575

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”:

Decorative veneers, floor coverings and adhesives used in the construction of “A”, “B” & “C” class divisions

MED: A.1/3.18 (a) (c) (e)

Certificate n°0987 MED B/620 REV.1

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.

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.

When compressed the thickness should be not lower of 1 - 2 mm. in order to allow the correct curing and to exploit the adhesive and cohesive characteristics of the product.

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 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 **Solvente ST 512**.

Cured product can be removed mechanically.

Notes: when using the product in cartridge, the **L/6** pneumatic gun with telescopic piston or the **L/Power** 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.



MS 955

STORAGE STABILITY

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

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	Unit
1020016	Black	290 ml cartridge	24
1020017	White	290 ml cartridge	24
1020018	Black	600 ml bag	24
1020019	White	600 ml bag	12

Other sizes available on request.

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.

