



# POLYMAR MS 952

Revision: 25/03/2026

## TECHNICAL DATA

<b>Polymers and the curing system:</b>	<b>MS Polymer, alcoxy</b>
<b>Consistency:</b>	Paste
<b>Application temperature:</b>	+5°C to +35°C
<b>Specific weight:</b>	1,4 kg/dm <sup>3</sup>
<b>Shore A hardness:</b>	52 Shore A (DIN 53505)
<b>Modulus 100% (DIN 53504):</b>	1,6 MPa (DIN 53504)
<b>Tensile Strength (DIN 53504):</b>	2,8 MPa (DIN 53504)
<b>Elongation at break:</b>	380 %
<b>Tear strength (ASTM D 624-73):</b>	15 N/mm (ASTM D 624-73)
<b>Skin formation time (20°C / 50% RH):</b>	approx. 20 - 30 min.
<b>Curing speed (20°C / 50% RH):</b>	3 - 4 mm after 24 hrs.

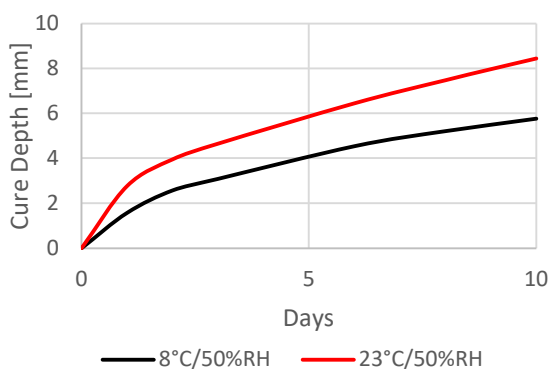
Values given in this table must not be considered as specifications.

## PRODUCT DESCRIPTION

High performance structural perimeter sealant, for glazing and teak decks; with rapid ambient humidity curing, based on **MS Polymer**.

## PRODUCT CHARACTERISTICS AND USES

- Fast curing and easy to apply, it guarantees a smooth and uniform finish.
- Compatible with most industrial paints.
- Excellent adhesion on mineral glass, fiberglass, steel, and anodized aluminium.
- Compatible with most synthetic glass available on the market.
- Excellent UV rays and weather resistance.
- Isocyanate free and solventless.



## PROFESSIONAL USES

- For perimetral sealing of glasses, deck teak, for assembling hull-deck.

## LIMITATIONS

- 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.
- To ensure optimal performance, it is necessary to carry out compatibility tests with the substrates used, under real application conditions.
- For any application not listed in this document please contact our Technical Service.

## APPROVALS

**MS 952** 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/1009.

**MS 952** has been certified in accordance with **Module-D** of Dir.2014/90/EU e Reg.(EU) 2022/1157, NO.MEDD00003U by DNV.

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

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COMPANY WITH  
ENVIRONMENTAL SYSTEM  
CERTIFIED BY DNV  
= ISO 14001 =

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/m<sup>2</sup> when required.

The compliance is valid for:

1. All the colours.
2. The weight of 290 g/m<sup>2</sup> (to which a tolerance of  $\pm$  5% may be applied).

## METHOD OF USE

### SEALING GLASS

**Adhesion and surface preparation:** on clean glass, fiberglass and stainless-steel **MS 952** adheres directly without the application of primer.

If the seals are directly exposed to solar radiation without protection, black, UV resistant **Primer GX** 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 **Primer WPX**.

On synthetic glass it is advisable to carry out preliminary adhesion tests.

For more detailed information on the use of 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 952** must be used only for perimeter sealing, not for the structural bonding of glass panels.

For this use **MS 960** is recommended. The products are compatible.

### PERIMETER SEALING OF TEAK DECKS

**Adhesion and surface preparation:** the surfaces to be sealed must be dry, clean, and free of dust and grease.

The wood must be treated with a uniform layer of **Primer LM/BV**.

**Application of the sealant and finishing of the deck:** apply the sealant with an air gun or by hand, taking care to completely fill the joint on the inside while allowing the sealant to spread slightly towards the outside.

For a successful application it is recommended not to apply at temperatures below 5°C, and to strictly adhere to the primer's drying times.

**Chemical resistance: MS 952** is resistant to water and the marine environment.

Regular washing with water, even daily in hot climates, will keep the wood at the correct level of humidity and is normally sufficient to keep the deck in good condition.

The use of oily substances is not recommended and should, in any case, first be tested on a small area.

If the need to use detergent products arises, it is advisable to use only domestic liquid soap diluted with water and to rinse thoroughly.

We strongly advise against the use of aggressive chemical cleaning products, bleaches, caustic soda, and the use of pressure washers.

The product will withstand occasional and short-term contact with fuel.

**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 952** can be cleaned using **ST/512**. Cured product can be removed mechanically.

## SAFETY AND HEALTH

See Safety Data Sheet.

## 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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