



POLY-MAR MS 952

STRUCTURAL PERIMETER SEALANT FOR GLAZING AND TEAK DECKS

Revision: 17/07/2026

TECHNICAL DATA

Polymers and the curing system:	MS Polymer™, alcoxy
Consistency:	Paste
Application temperature:	+5°C / +35°C
Specific weight:	1,4 kg/dm ³
Shore A hardness (ASTM D2240-15):	52 Shore A
Modulus 100% (DIN 53504):	1,6 MPa
Tensile Strength (DIN 53504):	2,8 MPa
Elongation at break (DIN 53504):	380%
Tear strength (ASTM D 624-73):	15 N/mm
Skin formation time (20°C @ 50% R.H.):	approx. 20 - 30 min.
Curing speed (20°C @ 50% R.H.):	3 - 4 mm after 24 hrs

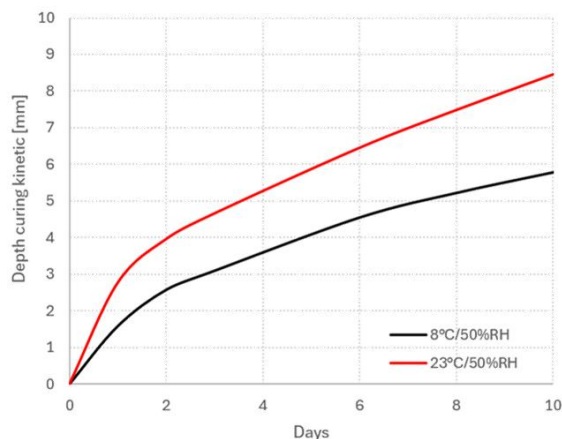
Values given in this table must not be considered as specifications.

PRODUCT DESCRIPTION

One-part neutral, moisture curing, high performance structural perimeter sealant, based on **MS Polymer™** especially designed for glazing and teak decks. The product is solventless and isocyanate-free.

PRODUCT CHARACTERISTICS

- 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 aluminum.
- Compatible with most synthetic glass available on the market.
- Excellent UV rays and weather resistance.
- Isocyanate free and solventless.
- Since product polymerizes with moisture, the kinetic of curing is strongly influenced by atmospheric condition (see Graph 1).



Graph 1 Curing kinetics of POLY-MAR MS 952.

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 into contact with food, or with materials that ooze oily substances or plasticizers.
- It must not be applied in completely enclosed spaces, free from exposure to atmospheric humidity.
- Do not use it in extreme temperature conditions, or on damp, frozen, contaminated surfaces.

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- Do not use on excessively acidic or basic substrates.
- Do not apply it on 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

POLY-MAR 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 USED IN THE CONSTRUCTION OF "A", "B" & "C" CLASS DIVISIONS. MED/3.18 (c) - MED/3.18 (e).** Certificate 0987/MED-B/1011.

POLY-MAR MS 952 has been certified in accordance with **Modulo-D** of Dir.2014/90/EU e Reg. (EU) 2022/1157, NO. MEDD000003U del DNV. Issued 13-09-2023 and valid until 03-07-2028.

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 290 g/m² (to which a tolerance of ± 5% may be applied).

METHOD OF USE

SEALING GLASS

Adhesion and surface preparation: **POLY-MAR MS 952** directly adheres to clean glass, fiberglass and stainless steel without using 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.

Surfaces of painted metal, clean and degreased bare metal, may be treated with **PRIMER WPX**, if prior test required it. 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 – Marine Division**".

Application: 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.

POLY-MAR MS 952 must be used for perimeter sealing only, while for the structural bonding of glass panels **POLY-MAR MS 960** is recommended. Both 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: **POLY-MAR 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 it is necessary to use detergent products, 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: the product is paintable. However, it should be kept in mind that any overpainting can modify the surface elastic properties of the sealant and its ability to flex with

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movement. 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: tools with traces of **POLY-MAR MS 952** can be cleaned using **Solvente ST/512**. When product is completely polymerized, it can be removed mechanically.

SAFETY AND HEALTH

Refer to Safety Data Sheet.

STORAGE STABILITY

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

PACKAGING AVAILABLE

Code	Colour	Size	Pcs. /Box
1020051	White	290 ml cartridge	24
1020074	White	600 ml sausage	12
1020012	Grey	290 ml cartridge	24
1020014	Grey	600 ml sausage	12
1020011	Black	290 ml cartridge	24
1020013	Black	600 ml sausage	12

Other formats available on request.

For further information please visit www.poly-mar.com

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