



# POLYMAR MS 935

Revision: 24/06/2025

## 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>	1,5 kg/dm <sup>3</sup>
<b>Shore A hardness:</b>	35 Shore A (DIN 53505)
<b>Modulus 100% (DIN 53504):</b>	1,3 MPa (DIN 53504)
<b>Tensile Strength (DIN 53504):</b>	2,1 MPa (DIN 53504)
<b>Elongation at break:</b>	250%
<b>Tear strength (ASTM D 624-73):</b>	8 N/mm (ASTM D 624-73)
<b>Skin formation time (20°C / 50% RH):</b>	approx. 50 min.
<b>Curing speed (20°C / 50% RH):</b>	2 - 3 mm after 24 hrs.

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

## PRODUCT DESCRIPTION

Elastic adhesive for seams, based on **MS Polymer**.

## PRODUCT CHARACTERISTICS AND USES

- One part, easy to use.
- No shrinkage, solventless and isocyanate free.
- Very good elasticity, it supports, with no tears, thermal expansions substrates.
- Seam acoustic insulation grow.
- Good adhesion to many surfaces.

## PROFESSIONAL USES

- For teak and synthetic deck sealing. Previous technical testing is always recommended.

## 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 935** 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/1006. MS 935 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.

## 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 284 g/m<sup>2</sup> (to which a tolerance of ± 5% may be applied)

## METHOD OF USE

**Adhesion and surface preparation:** the surfaces must be dry, clean and degreased. Metal surfaces should be free from oxidation and treated with anticorrosive protection.

Onto treated metals, the use of a suitable Primer may be required, so previous testing is always recommended.

Onto dry and deoxidated metal surfaces use **Primer WPX**.

Wood free from dust, dry and degreased should be treated with **Primer LM/BV**.

By using GRP free from dust should be cleaned with **ST/121**.

**Application of the adhesive:** the adhesive can be extruded by using a hand operated gun and tooled by using a putty knife to obtain, after the laying of the laths, a uniform thickness not lower than 2 mm.

Within 30' minutes from the application and in any case before skin formation, lay down the wooden laths.

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It is recommended to work at a temperature over than 5°C.

**Chemical resistance:** MS 935 shows a good resistance to water based cleaners.

Previous resistance testing is recommended if cleaners are orderly used.

It can come in contact, for a short period and temporarily, with fuels.

**Solvent wiping:** traces of MS 935 can be cleaned using Solvente **ST/512**. Cured product can be removed mechanically.

## SAFETY AND HEALTH

See Safety Data Sheet.

## STORAGE STABILITY

- 600 ml bag. 18 months from the date of manufacture.
- 5 kg pail 12 months from the date of manufacture.
- 15 kg pail 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.**

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