

**Product description**

**Operational Sector :** Sprayable joint-sealer based on MS-polymer, better performing alternative to the traditional joint covering methods (spraying, fold back level, fold back recoat by brush). Successfully used in automobile industry, container, naval and equipment construction. Furthermore for improving damaged PVC-coatings of the wheel castings, or as anti-stone chip for bumper and trim protection. Gives durable protection on thresholds, seals and covers the transitions of the welded metal sheets.

**Features :**

- excellent adhesivity
- UV-stabilized
- moisture curing
- overcoating compatible
- vibration damper

**Content :** MS-polymer, fillers, additives.

**Colour :** grey

**Technical Data :**

Specific weight:	approx. 1,34 g/cm <sup>3</sup>	
Appearance:	pastous	
Skinning:	35-45 min.(20°C /50 % RH)	
Volume change:	approx. 20%	
Fully hardened:	approx. 3 mm /24 h (20°C /50 % RH)	
Hardness Shore A:	11-15 after 1 day; 21-25 after 2 days 24-28 after 7 days	<b>DIN 53 505</b>
Extension fracture:	> 430 %	<b>DIN 53 504</b>
Tensile strength:	0,9 N/mm <sup>2</sup>	<b>DIN 53 504</b>
Rupture strength:	1,5 N/mm <sup>2</sup>	
Ultimate tensile strength:	approx. 4,5 N/mm <sup>2</sup>	<b>ASTM D6 24- Form B</b>
Temperature resistance:	from - 30° C to + 90° C; temporary up to + 130° C	

**Storage Life :** At least 9 months. Store in well sealed containers in a dry and cool place, not exceeding + 25 °C. Avoid direct sun influence.

**Application**

**Processing Conditions:** Do not apply below - 5° C and more than +35° C temperature of the object or the environment.

**Substrate Preparation :** The substrate has to be dry, clean, free of rust, dust, grease, oil or dirt.

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**Suitable Substrates :** Aluminium, stainless steel, zinc-plated sheet, wood, stone, beton, hard-PVC, glass fibre reinforced plastic and painted surfaces do not need any pre-treatment.

**Overcoating :** Mipa Polymer MS 300 is overcoating compatible:

- overcoating without pre-treatment with solvent-borne paints within 30 min. up to 3 hours;
- overcoating without pre-treatment with water-borne paints within 60 min. up to 3 hours;
- when recoating after more than 3 hours drying time, clean the surface with Mipa Silikonentferner (anti-silicone) first.

**Application Process :** By spray - or compressed-air pistol.

### Special Remarks

A test coat on the object should be performed on the properties relevant to the application (such as adhesivity and required resistance). The drying time of the paint will not take longer even if the product is not set hard. Mipa MS 300 sets further under the paint coat. It is advisable to avoid the overcoating of the joints due to the possible movement cracking.

### Safety Instructions

Avoid prolonged skin contact and do not swallow. In case of accidentally contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice. Keep out of reach for children.

### Cleaning of tools

Tools should be cleaned immediately after use with Mipa 2K-Verdünnung. Do not allow to set hard. Otherwise it is possible to remove it only mechanically.

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