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**MS SEAM SEALANT**

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**Technical Characteristics:**

Base	MS Polymer®
Consistency	Thixotropic paste
Curing System	Moisture Cure
Skin Formation (*) (20°C/65% R.V.)	approx. 12 min.
Curing time (*) (20°C/65% R.V.)	2 à 3 mm/24h
Hardness Shore A (DIN 53505)	35 ± 3
Specific Gravity (DIN 53479)	1,62 g/mL
Temperature Resistance (fully cured)	-40°C to +90°C
Elasticity Modulus 100 % (DIN 53504)	0,90 N/mm <sup>2</sup>
Maximum tension (DIN 53504)	1,00 N/mm <sup>2</sup>
Elongation at break (DIN 53504)	> 400 %

(\*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates

**Product:**

Soudal MS Seam sealant is a high quality, completely neutral, single component fully elastic seam sealant. It is based on MS-Polymer®.

**Shelflife:**

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

**Characteristics:**

- Professional OEM-like finish
- High adhesion strength on most substrates
- High performance mechanical properties
- Permanent elastic after curing
- Can be painted wet-on-wet with waterborn paints
- Free of silicone, solvent and isocyanate
- Colourfast
- UV resistant

**Resistance to chemical agents:**

Good resistance to water, mineral oils, grease, diluted inorganic acids and alkalis  
Poor resistance to aromatic and aliphatic solvents, concentrated acids, concentrated alkalis and chlorinated hydrocarbons.

**Applications:**

- For the sealing of welding seams and sheet metal connections in the trunk, the motor area, in wheel bases, around suspensions and on all welding seems
- Protection of welding points
- Corrosion protection on spoilers, car trunks and wheel bases etc.

**Substrates:**

*Type:* various substrates such as steel, metal, galvanized metal and other common materials in the automotive industrie.

Not suitable for PE and PP

*State of Surface:* clean, free of dust and grease

*Priming:* Surface Activator may be used to clean and pre-treat non-porous surfaces.

We recommend preliminary compatibility tests prior to application.

**Packaging:**

*Colour:* light yellow, grey available upon special request

*Packaging:* cartridge 290mL

Remark: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

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**Applying the sealant:**

*Method:* MS seam sealant can be applied by means of a special telescopic pneumatical caulking gun. Both in beads and in various types of coating.

*Application temperature:* +5°C until +35°C

*Cleaning:* MS Seam Sealant can, before the sealant is cured, be removed from tools and materials with Soudal Fix All Cleaner. Cured sealant has to be removed mechanically.

*Tooling:* with soapy solution before skin formation

*Repair with:* MS Seam Sealant

**Health- and Safety Recommendation:**

Apply the usual industrial hygiene.

Check the packaging for more information

**Remarks:**

- Soudal MS Seam Sealer may be overpainted with most types of lacquer used in industrial applications, however due to the large number of paints and varnishes available we strongly suggest a compability test before application. The drying time of alkyd resin based paints may increase.
- Soudal MS Seam Sealer can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, polycarbonate, etc, may differ from manufacturer to manufacturer, a preliminary adhesion test with these materials is imperative.

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