

Revision: 06/06/2006 **Technical Characteristics:**

Base	MS Polymer®
Consistency	Paste
Curing System	Moisture Cure
Skin Formation (*) (20°C/65% R.V.)	Ca. 10 min
Curing Rate (*) (20°C/65% R.V.)	1/16" to 1/8" / 24h
Hardness (DIN 53505)	40 ± 5 Shore A
Specific Gravity (DIN 53479)	1,60 g/ml
Maximum Deformation	± 20 %
Temperature Resistance (fully cured)	-40°F to +195°F
Elasticity Modulus 100 % (DIN 53504)	0,85 N/mm ²
Tear Strength (DIN 53504)	1,50 N/mm ²
Elongation at break (DIN 53504)	400 %
VOC	34 g/l
Flame & Smoke as tested in accordance with ASTM E84	Flame Spread Index = 20 Smoke Index = 35

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

Product:

METALBOND MS 200 is a high quality single component adhesive with good adhesive strength. It is based on MS-Polymer®.

Characteristics:

- good applicability and tooling
- high adhesive strength
- permanent elastic after cure
- paintable with water based paints

Applications:

- indoor & outdoor use
- good UV resistance
- bonding in the building and construction industry.
- universal adhesive

Packaging:

Color: grey

Packaging: cartridge 9.8 fl oz, 1 gallon pales

Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between 41°F and 77°F.

Resistance to chemical agents:

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

Substrates:

Nature: clean, free of dust and grease, no adhesion on PE, PP, PTFE and bituminous substrates

Priming: Porous surfaces should be primed with Primer 150, Surface Activator may be used on nonporous surfaces.

We recommend preliminary compatibility tests previous to application.

Application:

Method: Manual-or pneumatic caulking gun

Application temperature: 41°F until 95°F

Cleaning: Fix All Cleaner immediately after application and before curing

Tooling: with soapy solution before skin formation *Repair with:* METALBOND MS 200

Remarks: Health-and Safety Recommendation:

METALBOND MS 200 may be painted, however Apply the usual industrial hygiene. Due to the large number of paints and varnishes check the packaging for more information available. We strongly suggest a compatibility test before application. Due to the wide variety of possible substrates, Soudal recommends a preliminary compatibility tests. This product can not be used as a glazing sealant.

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.