

SODASEAL MS CLEAR

Revision: 28/07/2005

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Technical Characteristics:

Base	MS Polymer ®
Consistency	Stable Paste
Curing System	Moisture Cure
Skin Formation (*) (20°C/65% R.V.)	Ca. 10 min.
Curing Rate (*) (20°C/65% R.V.)	2 à 3 mm/24h
Hardness (DIN 53505)	38 ± 5 Shore A
Specific Gravity (DIN 53479)	1,04 g/mL
Maximum Deformation	± 20 %
Temperature Resistance (fully cured)	-40°C to +90°C
Elasticity Modulus 100 % (DIN 53504)	0,80 N/mm ²
Tear Strength (DIN 53504)	2,40 N/mm ²
Elongation at break (DIN 53504)	300 %

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

Product:

Soudaseal MS Clear is a crystal clear, neutral, elastic, single component sealant/adhesive based on MS-Polymers®.

Characteristics:

- Easy to tool and apply
- Completely translucent
- Permanently elastic after full cure
- Can be painted with waterbased paints

Applications:

Transparent bonding in the construction- and metal industries
Elastic bonding in many different construction and building applications
Invisible bonding of glass

Packaging:

Colour: transparent
Packaging: cartridge 290mL, foil bag 600mL on request

Shelflife:

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

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: All usual building surfaces such as glass, pre-treated timber, PVC, metals, stone, etc.
Surfaces should be clean and free of dust and grease

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

We recommend preliminary compatibility tests previous to application.

Joint dimensions:

Minimal width: for glueing applications: 2mm
Maximal width: for glueing applications: 10mm

Application:

Method: Manual- or pneumatic caulking gun

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

Cleaning: Fix All Cleaner immediately after application and before curing

Tooling: with soapy solution before skin formation

Repair with: Fix All Crystal

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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Apply the usual industrial hygiene.
Check the packaging for more information

Remarks:

Soudaseal MS Clear may be overpainted, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application. The drying time of alkyd resin based paints may increase.

Due to the wide variety of possible substrates, Soudal recommends a preliminary compatibility test.

Soudaseal MS Clear may discolour in extreme conditions.

The adhesive strength of Soudaseal MS Clear will slowly build up and will improve in time. Final end strength will be reached after 28 days. When using the material for structural bonding applications, this should be considered.

This product can not be used as a glazing sealant

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