
SOUDASEAL 4 ALL PAINT

Revision: 19/07/2005**Page 1 of 2****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.)	2 mm/24h
Hardness (DIN 53505)	35 ± 5 Shore A
Specific Gravity (DIN 53479)	1,53 g/mL
Elastic recovery (ISO 7389)	> 75 %
Maximum Deformation	± 25 %
Temperature Resistance (fully cured)	-40°C to +90°C
Elasticity Modulus 100 % (DIN 53504)	0,60 N/mm ²
Tear Strength (DIN 53504)	1,43 N/mm ²
Elongation at break (DIN 53504)	> 500 %

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

Product:

Soudaseal 4 All Paint is a high quality single component glazing sealing with high adhesive strength. It is based on MS-Polymer®, chemically neutral and fully elastic.

Characteristics:

- High bond strength on nearly all surfaces
- Can be painted with water-, oil- and solventbased paints (see remarks)
- Excellent adhesion on glass and PVC
- Ecological advantages – free of isocyanates, solvents, phtalates, halogens and acids
- Flexible elastic rubber – movement accomodation up to 25%
- Straightforward application even in adverse conditions
- No bubble formation within sealant (in high temperature and humidity applications)
- Primerless adhesion on many substrates (consult our technical service for more details)
- Very easy to tool and finish
- Good extrudability even at low temperatures
- Colour stable and UV resistant
- Minimal health and safety considerations

Applications:

Glazing sealant between glass and all usual frame materials
Perimeter joints between wall and window frame.

Packaging:

Colour: RAL colours 9010 (white), 9001 (cream white), 1013 (pearl white), 10151 (ivory), 7004 (grey), 9011 (black), 8016 (brown), 8007 (light brown)

Packaging: cartridge 290mL, foil bag 600mL (only white, black, grey and brown)

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, chlorinate hydrocarbons

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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Substrates:

Nature: clean, dry, free of dust and grease

Priming: Surface Activator may be used on non-porous surfaces.

We recommend preliminary compatibility tests previous to application.

Joint dimensions:

Minimal width: 4mm

Maximal width: 30mm

Minimum depth: 4mm

Recommendation: width \leq 6mm: width = depth
width \geq 6mm: width = 2 x depth

Application:

Method: Manual- or pneumatic caulking gun

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

Cleaning: White Spirit or Surface Cleaner immediately after application and before curing

Tooling: can be dry tooled or tooled with soapy solution before skin formation

Repair with: Soudaseal 4 All Paint

Health- and Safety Recommendation:

Apply the usual industrial hygiene.

Remarks:

- Soudaseal 4 All Paint is specially designed for being painted. However due to the large number of paints and varnished available we strongly suggest a compability test before applications.
- Remove all traces of soap (tooling) because it will harm the adhesion of the paint onto the sealant.
- you can apply a second layer of paint after 1 day, even if the first layer is still wet. This second layer will speed up the overall drying time.

Self Cleaning Glass:

Soudaseal 4 All Paint allows for a primer-free application on self-cleaning-glass. (ie. Bioclean®). All naturally and accelerated weathering tests performed up till now show a good compatibility and adhesion of the 4 All Paint on the self-cleaning-glass. Our growing experience with this type of glass will also allow for a more accurately predicted long term functionality of the 4 All Paint onto this type of glass.

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