


SOUDAL

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Technical Data Sheet page 1

SOUDASEAL 4 All Paint

PRODUCT DESCRIPTION:

Soudaseal 4 All Paint is a high quality single component glazing sealant with high adhesive strength. It is based on MS-Polymer®, chemically neutral and fully elastic. It has especially been formulated for glazing applications which need to be painted and does not contain phthalates.

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, phthalates, 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 stability and UV resistant
Minimal Health and Safety considerations

MS-Polymer® Technology

APPLICATION EXAMPLES Glazing sealant between glass and all usual frame materials

COLOURS : White , Black, Grey, Brown..

PACKAGING : 290ml thick wall cartridge, 600ml foil pack

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

SODASEAL 4 All Paint

TECHNICAL DATA

Base :	MS Polymer®
Consistency :	Stable paste
Curing System :	Moisture cure
Skin Formation :	Approx. 10 min (20 °C/65% R.H.)
Curing Rate :	2 mm/24 h (20 °C/65% R.H.)
Hardness :	40 +/- 5 Shore A
Shrinkage :	<2%
Specific Gravity :	1.48
Temperature Resistance :	-40 °C until +90 °C
Elongation at Break :	>250% (DIN 53504)
Elasticity Modulus 100% :	0.7 N/mm ² +/- 0.03 N/mm ² (DIN 53504)
Breaking strength :	1.2 N/mm ² (DIN 53504)
Maximum allowed distortion :	25%

CHEMICAL RESISTANCE : Good :	Water Aliphatic Solvents Mineral Oils Grease Diluted Inorganic Acids and Alkalis	Poor : Aromatic Solvents Concentrated Acids Chlorinated Hydrogens
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JOINT DESIGN GLAZING

Minimum Width :	4 mm
Maximum Width :	10mm (3-pass method on large joints)
Minimum Depth :	4 mm
Recommendation:	width ≤ 6mm: width = depth width > 6 mm: width = 2xdepth

INSTRUCTIONS FOR USE

Surface preparation:	Clean, dry, free of dust and grease.
Priming:	Surface Activator will improve adhesion on non porous substrates
Application Method :	Manual or pneumatic caulking gun
Application Temperature:	+1 °C until +30 °C
Clean with :	White Spirit/Surface Cleaner immediately after use
Tool with :	Can be dry tooled or tooled with a soapy solution before skin formation
Repair with :	Soudaseal 4 All Paint

TRANSPORT INFORMATION :

No transport safety measures required

LABELLING :

No hazardous labelling required

SAFETY MEASURES :

Apply the usual industrial hygiene.

PAINTABILITY:

Soudaseal 4 All Paint is specially designed for being painted. However due to the large number of paints and varnishes available we strongly suggest a compability test before application.

Soudaseal 4All Paint is elastic, many paints are not. Therefore, when the joint is subject to movement, the paint may crack. The sealant will however maintain its mechanical integrity.

Warning. 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.