

SPS POWER ADHESIVE

Date:12/01/04

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Technical Data:

Base	Ms Polymer
Consistency	Stable paste
Curing System	Moisture Cure
Skin formation*	Ca. 12min. (20°C/65% R.H.)
Curing Rate*	2-3mm/24h (20°C/65% R.H.)
Hardness	38±5 Shore A
Specific Gravity	1,40g/mL
Temperature Resistance	-40°C to +90°C
Elastical Recovery	>75%
Maximum Deformation	±20%
Elasticity Modulus 100%	0,75N/mm ² (DIN 53504)
Tensile Strength	2,2N/mm ² (DIN 53504)
Elongation at Break	800% (DIN 53504)
Shear Strength	>1,2N/mm ²
Substrate	AlMgSi1
Bond thickness	2mm
Jaw separation speed	10mm/min

* these values can vary depending on environmental factors such as ambient temperature, moisture and type of substrate

Product:

SPS Power Adhesive is a high strength neutral single component adhesive/sealant based on MS Polymer. It is chemically neutral and fully elastic.

Characteristics:

- Remains fully elastic after cure
- Very high end strength
- Withstands all weather condition
- high adhesive strength
- Very easy to apply
- No smell

Applications:

As adhesive for the bonding of façade panels in the Soudal Panel System
Bonding of all types of panels made from HDL, cementitious, metals, plastic, etc

Packaging:

Colour: black

Packaging: cartridge 290mL, sausages 600mL

Shelflife:

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

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: pretreated wood and aluminium

Priming: clean, dry, free of dust and grease

Substrates that are not mentioned in the KOMO certificate require a preliminar adhesion test.

Application:

Method: Manual- or pneumatic caulking gun

Application temperature: +10°C until +30°C,

temperature of substrates should be higher then 8°C.

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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Cleaning: White Spirit immediately after application and before curing.

SPS system components: SPS Cleaner, SPS Activator, SPS Tape, SPS Power Adhesive, SPS Primer (only for wooden battens)

Application guide:

For correct application of SPS Power Adhesive, follow the instructions as set out in the Soudal Panel System documentation.

Health- and Safety Recommendation:

Apply the usual industrial hygiene.

Remarks:

KOMO attestation with product certificate SKG402.08.069.01.

Application temperature should be higher than 10°C during the application and the first few hours after it.

Do not apply when it rains.

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