

MSP-Hightack®

Power adhesive with an extremely high initial tack

Factsheet: MSP-Hightack 2209EN

Power adhesive and sealant with an extremely high initial tack and fast curing. The product is based on MS-Polymer and hardens in reaction with air humidity into a durable bonding



Technical data at 20°C and 65% RH

Processing temperature:	+5°C to 40°C
Temperature resistance:	-40°C to 90°C
Skin formation:	15 min.
Curing speed / 24 hrs:	3 mm
Hardness, ISO868:	65° Shore-A
Density:	1,60 g/ml
Modulus 100%, ISO 8339:	2,8 N/mm ²
Tensile strength, ISO37:	3,0 N/mm ²
Elongation at break:	110%
Volume Change, ISO10563:	< 3%
Shear strength direct, 48hrs, week	25g/cm ² , 8kg/cm ² , 24kg/cm ²
Tensile strength direct, 48hrs, week	600g/cm ² , 11kg/cm ² , 20 kg/cm ²
Organic solvent:	0,00% VOC (EG)
Resistance against moisture and frost	Excellent

Applications

- For mounting and bonding interior and exterior
- Adheres to glass, metals, wood, tiles, skirting boards, laminate, plastics, concrete, (natural) stone, plaster, etc.
- For fixing panels, skirting boards, mirrors, lettering, siding, frames, window sills, etc.
- For general use in construction, bodywork, container, metal and equipment construction, etc.
- For electrical, plastic, ventilation technology, etc.
- Can be used where silicone could cause contamination and needs afterwards to be painted

Characteristics

- For strong, flexible connections
- Very high initial tack
- Broad adhesive spectrum without primer
- Adheres to damp surfaces
- After curing, resistant up to 200°C. for short time
- Suitable for natural stone
- Non-corrosive on metals
- Can be painted over with most paint systems
- UV, frost and weather resistant
- Insensitive to mold
- Free of phthalates, isocyanates, silicones and solvents

Classifications

Indoor Air Comfort Gold, Emicode EC1-Plus, Belgian & French VOC Regulation, BREEAM, Blue Angel, LEED v4

Explanation

Indoor Aircomfort Gold Certification confirms that the product meets the low EU emission requirements of the product and is a sign that the applicant is focused on quality and contributes to a healthy indoor environment.

Paintability

MSP-Hightack can be painted over with water-based paint systems and powder coatings. Testing yourself beforehand is recommended.

Processing advice

MSP-Hightack bonds perfectly to most non-porous substrates. For porous substrates Bloem Primer P83 can be used. Degrease substrates with Bloem Cleaner and a clean cloth. Extrude MSP-Hightack with the supplied V-nozzle in vertical strokes divided over the surface. Before skin formation, press materials to be bonded firmly together. Maintain 3 mm glue thickness. The use of temporary support is usually not necessary. Test first if in doubt. Remove fresh material immediately with white spirit; cured material can only be cut away.

Limitations

Avoid movements between the parts to be bonded during the curing proces. Not suitable for PE, PC, PMMA, PP, PTFE, soft plastics, neoprene and bituminous substrates. Not suitable for continuous water load, chlorinated water (swimming pools) and movement joints.

Colors

Cartridges (290 ml.) in white, gray and black.
Sausages (600 ml.) in white and grey.

Packaging

Cartridges of 290 ml. incl. V-shaped nozzle. Boxes of 25 pieces.
Sausages of 600 ml. Boxes of 12 pieces

Shelf life

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

Safety measures

Long term skin contact should be avoided. Prevent direct contact with food and other products for consumption until sealant has vulcanised. Keep out of reach of children. After contact with eyes, flush with plenty of water and consult a doctor. When used for its intended purpose, the vulcanised product is without any risk. See Safety Data Sheet (MSDS) for more information.

Transportation classification

No special measures required

