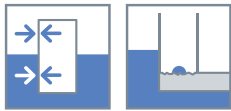


# SPETEC® MSA

## 1-COMPONENT ADHESIVE FOR SWELLING STRIPS



### DESCRIPTION

SPETEC® MSA is a 1-component adhesive sealant based on MS-polymer technology and cures into an elastic compound with an excellent adhesion on nearly all surfaces, even if slightly moist.

### ADVANTAGES

- Single component.
- Based on MS-polymer technology.
- Excellent adhesion to nearly all construction materials.
- Can be applied on rough and moist surfaces.
- Cures into an elastic rubber like compound.
- Solvent free.
- Easy to apply using a standard caulking gun.
- Good UV-resistance.
- Good overall chemical resistance.
- Stays elastic after curing.
- Can resist humid conditions during curing.

### FIELDS OF APPLICATION

- Adhesive for SPETEC® BST300 bentonite strips to dry and moist substrates (See TDS of SPETEC® BST300).
- Adhesive for SPETEC® SST500 waterproofing strips to dry and moist substrates (See TDS of SPETEC® SST500).
- Sealing joints between wall and slab.
- Bonding and assembling various building materials.

### APPLICATION

**Note :** the following is a typical application description. In case of other jobsite parameters, please contact our technical department.

#### PRELIMINARY ANALYSES

When in doubt whether SPETEC® MSA will adhere to a specific substrate, it is always advisable to perform an adhesion test first.

#### REQUIRED TOOLS

Caulking gun for cartridges.  
Nozzles

#### PREPARATION OF THE SUBSTRATE

Remove all freestanding water. SPETEC® MSA can be used on moist surfaces. Preferably applied on a dust-free concrete surface. Remove dust, dirt, oil and loose parts by brushing firmly.

#### PREPARATION OF THE PRODUCT

Open the tube at the top and screw the nozzle onto the tube. Cut the nozzle diagonally at the appropriate position. The optimum nozzle diameter is 10 mm. Place the cartridge in the caulking gun. and press the lever.

#### PREPARATION OF THE EQUIPMENT

No specific preparation required.

#### APPLICATION

Put pressure on the handle of the caulking gun and apply the glue in one continuous glue bead of approximately 10 mm diameter.

#### FINISHING

After the application of SPETEC® MSA, place SPETEC® BST300 or SPETEC® SST500 onto the fresh glue.



#### APPLICATION CONDITIONS

SPETEC® MSA can be applied to rough and damp surfaces and can withstand a humid environment during curing.

### TECHNICAL DATA

#### APPEARANCE - COMPOSITION

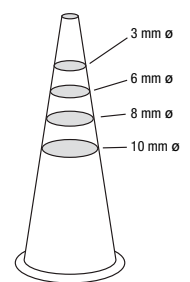
One component MS-polymer based solvent free, white mastic.

#### REACTION TIMES

Skin forming (20°C/65% RH): after approx. 10 minutes  
Slump (DIN 52454-ST-U 26-33): < 2mm

#### CONSUMPTION

Average coverage depending on quality and roughness of the surface.	
Nozzle diameter	Length (cartridge)
3 mm	20-25 m
6 mm	16-20 m
8 mm	8-10 m
10 mm	3 m



**TECHNICAL DATA**

Property	Value	Norm
Density	1,67 kg/dm <sup>3</sup>	DIN 52451-PY
Volume change	< 3%	DIN 52451-PY
Curing	2 mm/24h	
Tensile Strength (100% elongation)	0,9 MPa	DIN 52455 NWT-1-A2-100
Hardness Shore	A40	DIN 53505
Recovery	>75%	DIN EN 27389-B-200
Maximum movement	20%	
Temperature resistance	-40°C to +90°C	
Application temperature	+5°C to +35°C	
Caulk speed	>100 g/min	DIN 52456-6 mm

**CHEMICAL RESISTANCE**

Good overall chemical resistance.

**PACKAGING**

Cartridges of 290ml.  
12 cartridges per cardboard box.  
75 boxes per pallet.

**STORAGE AND SHELF LIFE**

In the unopened packaging, in a dry place, between +5°C and +30°C: 12 months.  
Date of Production: see packaging.

**SAFETY PRECAUTIONS**

Always use personal protection in accordance with locally applicable guidelines. Consult the appropriate safety data sheets before use. Safety data sheets are available at [www.spetec.com](http://www.spetec.com).  
If in doubt, contact the technical department of SPETEC®.

Note: the information and recommendations provided in this technical data sheet is given in good faith and based on laboratory test and on the job experience of the manufacturer. In practice, site conditions and substrates might be such that the manufacturer cannot warrant the fitness for each individual purpose. The user of the product must test the product for its intended use and ascertain himself that the product will work under the specific conditions of the jobsite. The manufacturer does not accept any liability based on the content of the technical data sheet. The user must verify that he holds the latest version of the technical data sheet. The manufacturer reserves the right to change the properties of the product. Products must be properly stored, handled and applied in line with manufacturer's recommendations. Version 2.0 Date: 3 December 2018 4:52 pm