



**ZETTEX**

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## TECHNISCH DATABLAD MS Polymer 20 Spraybond

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### Product description

Zettex MS 20 Polymer is a thin sprayable MS Polymer that can be applied to various surfaces. MS 20 ensures that seams and gaps are perfectly sealed. MS 20 can also be used for adhering large surfaces in both the construction and the industrial sector. Because of its low viscosity, this Polymer can be sprayed at low pressure.

### Material

MS Polymers

### Advantages

- Durably elastic.
- High absorption of acoustic vibrations.
- Fast-curing, 3 mm per 24 hours.
- High mechanical resistance.
- Mold and bacteria resistant.
- No edging contamination with marble and natural stone.
- Isocyanate-, solvent- and silicone-free.
- Can be painted.
- No shrinkage or blistering.
- Can be shaped by using a brush.

### Applications

For sealing all joints along windows, doors and frames. MS 20 is airtight certified and, in combination with the Zettex Elastic foam, 100% airtight. The Zettex MS 20 Polymer has been especially developed for the durable, highly elastic sealing of seams and gaps between various building parts. The Zettex MS 20 Polymer has also been developed as a coating in the automotive and transport sector to prevent damage to the original structure.

### How to use

Zettex MS 20 Polymer can be processed with the Zettex F1 Sam air pressure gun in combination with a brush and the Zettex Easyfinish. The surfaces must be clean, dry and solid. Degrease non-porous surfaces well with the Zettex Profi Cleaner. Hands can be cleaned with the Zettex Cleaning Wipes. Zettex MS 20 Polymer adheres perfectly without a primer to the most common non-porous surfaces. The joints which are larger than 5 mm can be filled with Zettex Elastic Gunfoam.

### Available packaging

- Cartridge 290 ml
- Sausage 600 ml
- Drum 200 L

### Colour

Grey, other colours available on request.

### Safety recommendations

Before use, always read the safety instructions carefully.

### Shelf life

18 months in unopened packaging. Store at temperatures between 5°C and 25°C.

## System applications

Zettex airtight building system

### Certificates

- EN15651-1: F-EXT-INT-CC 25HM
- EN15651-4: PW-EXT-INT-CC 25HM
- EN15651-3: XS3
- Emicode EC1 Plus
- Emission Certificate M1
- ISEGA Food graded
- A+ (Eurofins ISO 16000)



Properties	Specifications
Material	MS Polymer
Curing	Humidity
Specific weight	Approx. 1.3 gr/ml
Skin formation time	Approx. 10 min (20°C/50 % R.H.)
Open time	< 10 min. (20°C/50 % R.H.)
Curing speed after 24 hours	Approx. 3 mm (20°C/50 % R.H.)
Shore A hardness	Approx. 25 (DIN 53505)
Volume change	>3 % (DIN 52451)
Electrical volume resistance	>10 <sup>11</sup> Ωcm (DIN53482)
Tensile strength (100%)	Approx. 0,9. MPa (DIN53504/ISO37)
Tensile strength at break	Approx. 1.4 MPa (DIN53504/ISO 37)
Elongation at break	Approx. 450 % (DIN53504/ISO 37)
Shear strength	Approx. 1.2 MPa (DIN 53283/ASTM D1002)
Tear strength	Approx. 6 N/mm (DIN 53515/ISO 34)
Elastic modulus (10%)	Approx. 1.5MPa (DIN53504/ISO37)
Solvents percentage	0%
Isocyanate percentage	0%
Temperature resistance	-40 - +120 °C
Temperature resistance peak	+180 °C (max. ½ hrs)
Application temperature	+5 - 35 °C
UV- and weather resistance	Excellent