MC-Adhesive PU solid

Universal adhesive for glueing building materials, bandaging and damming cracks, glueing packers

BE SURE. BUILD SURE.

PRODUCT PROPERTIES

- High viscosity 2-component polyurethane-based adhesive
- Mixes very well
- Tough-elastic
- Can be trowelled
- Thixotropic, stable
- Adheres well to mineral and metallic surfaces
- REACH exposure: water contact permanent, inhalation periodic, processing and application
- Environmental Product Declaration EPD

AREAS OF APPLICATION

- Glueing mineral and metallic building materials as well as various plastics
- Bandaging of cracks
- Glueing adhesive packers for injection work
- Sealing cracks and open cavities

APPLICATION ADVICE

Preparatory measures: Prior to injection, the structure must be examined according to the state of the art and the rules of technology, and an injection concept must be planned. Packers must be set before injection. A trial injection is recommended.

Mixing the components: The components of MC-Adhesive PU solid should be mixed homogeneously with each other in the specified mixing ratio with slowly rotating stirring paddles. The mixing time is 2 minutes, then repot and mix for another minute.

For special applications, the adhesive can be adjusted with MC-Stellmittel TX 19 (1-2 M-%) for increased stability.

The container processing time is approx. 30 minutes in a room climate. It depends on the mixed amount of glue and the ambient temperature.

The time to mechanical load is approx. 4 hours at 20 ° C. It is influenced by and substrate temperature, the layer thickness and the ambient temperature.

Application: MC-Adhesive PU solid can be processed with spatulas or smoothers.

Application work should cease once component/substrate temperatures fall below 5 °C.

Ensure compliance with the information given in the specifications and the Safety Data Sheets.

Equipment cleaning: The cartridge system means that the equipment is unlikely to need cleaning. If soiling does occur, all solvent-resistant tools can be cleaned with MC-Cleaner eco or thinner product MC-Verdünnung PU. Material that has reacted or set will need to be removed mechanically.

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TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	7,35 : 1	comp. A : comp. B
Ductility	%		EN ISO 527-1 (dumbbell tensile specimen)
24 h		14	
Tensile strength (steel, blasted)	N/mm²		EN ISO 4624
24 h		3.9	Punch 50 mm Ø, 300 N/s
Tensile strength (concrete)	N/mm²		EN ISO 4624
24 h		3	Punch 50 mm Ø, 300 N/s
7 d		4.56	Punch 50 mm Ø, 300 N/s
Working time	minutes	20	
Consistency		pasty	
Density	kg/dm³		DIN 53479
		1.703	mix
		1.8	component A
		1.22	component B
Tensile strength	N/mm²		EN ISO 527-1 (dumbbell tensile specimen)
24 h		12.93	
Application conditions	°C	5 - 40	component and subsoil temperature
Shore A hardness			EN ISO 7619-1
24 h		90	
	All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.		

equipment cleaning agent	MC-Verdünnung PU (thinner)
delivery form	Bundle 2,5kg and 5kg
colour shade	grey
Storage	Can be stored in original sealed packages at temperatures between 5°C and 35°C in dry conditions for at least 18 months.
packaging disposal	Make sure single-use containers are completely empty. Ensure compliance with our information leaflet “Return of Emptied Transportation and Sale Packaging”. We will be glad to send you this on request.

Safety instructions
Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : PU40

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