Mycoflex 4100 TS

Fast-drying, special bonding coat for joint sealers on metallic and mineralic substrates

BE SURE. BUILD SURE.

PRODUCT PROPERTIES

- Solvent-containing, two-component epoxy resin
- Low viscosity
- Fast curing and vapourisation; short overworking times

AREAS OF APPLICATION

- Primer on mineral based substrates for permanently elastic grouting of surfaces exposed to chemicals and fuel
- Sealing of joints on and around gas stations
- Sealing of joints in driven-on areas
- Bonding of reactive polymers to construction parts made of steel, stainless steel, galvanised steel, brass and copper

APPLICATION ADVICE

Joint-Sealing: Joint-design in compliance with DIN 18540. For floor-joints please also refer to the IVD-data sheet No. 1 “Sealing of floor-joints with elastic joint sealing compounds” and data sheet No. 6 “Sealing of floor-joints with elastic sealers in driven-on areas around petrol pumps at gas stations”. Before Mycoflex 4100 TS can be applied the joint-sides have to be dry (residual moisture < 4 %), load bearing, free from all contaminants (e.g. oils, greases, production residues, etc.), as well as free from dust and cement laitance. The priming of the joint-sides is done with Mycoflex 4100 TS. Base and hardener must be mixed thoroughly until the mixture is homoge-neous and streak-free. The primer must penetrate the joint-sides completely and over the entire area. The interval between priming and application of Mycoflex 4000 VE or Mycoflex 4000 SP should be at least 1 hour and no more than 10 hours at 20 °C.

Bonding Coat: Mycoflex 4100 TS is used as bonding coat when applying reactive polymers onto steel, stainless steel, copper as well as to non-absorbent, ceramic substrates. The substrate must be dry (< 4 %), free from dust, oil and other contaminants. Steel is freed from rust films and other separating substances by blasting (standard Sa 2 1/2 according to DIN 55928, part 1). Stainless steel and galvanised steel should be abraded or roughened with fine sandpaper. After this, the area must be cleaned with MC-Duroprop B. Following to the cleaning, the steel must be neutralized with fresh water. The same pre-treatment should be given to copper and ceramic substrates. Mycoflex 4100 TS is rolled or brushed as thinly as possible onto the roughened area. After ventilation the reactive polymer is applied. The interval should be at least one hour and no more than 10 hours. If this interval is exceeded, the substrate must be primed again.

General Information: We recommend to lay a sample area in order to determine the object-specific coverage. Please take note of safety information and advice given on the packaging labels.
Further safety advice for application can be found in our leaflet “General Application Advice”.

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TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	3 : 1	base component : hardener component
Density	g/cm³	0.95	
Working time	hours	approx. 4	
Flash-off time	hours	approx. 1 - 10	
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures
	%	85	rel. humidity
	K	3	above dew point
Consumption	g/m²	approx. 80 - 120	
	All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.		

Colour	transparent
Delivery form	Box with 6 x 1 kg cans
Storage	Can be stored in original sealed packages at temperatures between 0°C and 20°C in dry conditions for at least 12 months.
Packaging disposal	Make sure single-use containers are completely empty.
EU Regulation 2004/42 (Decopaint Directive)	RL2004/42/EG AII/h /750 g/l) < 660 g/l VOC

Safety instructions
Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : RE70

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