

2K-Epoxy-System Type F2



Information about surface pre-treatment and processing can be found in the manual.

Storage

Store 2K-Epoxy-System Type F2 at room temperature (but up to max. +25°C) in a dry place. Unopened containers can be stored for 18 months at temperatures from +18 to +25°C (Epoxy Resin Putty max. 3 years). Opened containers should be used within 6 months.

Safety and health

When using products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets must be observed.

viscous aluminium-filled

2K-Epoxy-System Type F2 is suited for the casting of models, moulds and templates, for the repair of porous and damaged castings, for the production of prototypes and holding devices, and for pouring out swages to test precision.

2K-Epoxy-System Type F2 can be used in tool construction, model and mould making, and in many other industrial applications.

Technical Data

Composition	Epoxy resin aluminium-filled
Specific Properties	viscous
Colour after curing	aluminium
Mixing ratio by weight resin/hardener	100:14
Density of the mixture (200g preparation)	1,45 g/cm³
Viscosity of the mixture	200.000 mPa·s
Consumption at a coating thickness of 1,0 mm	1,45 kg/m²
Maximum layer thickness for each working step	10 mm
Pot life at +20°C (+68°F) 200g preparation	60 min.
Curing time mechanical loads	16 h
Final strength after	24 h
Mean strength at +25°C (+77°F) acc. to DIN 53281-83 ASTM D 1002:	
Pressure	43 Mpa
Bending	26 Mpa
E-Modul	1.500 - 2.000 Mpa
Shore D (ATSM D 1706)	79
Shrinkage	0,025 %
Thermoforming resistance	+55 °C
Temperature resistance	-35 to +120 °C

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