

2K-Epoxy-System Type F



pasty
aluminium-filled
non-corrosive and anti-magnetic

2K-Epoxy-System Type F is particularly suited for applications on components made from aluminium, aluminium alloys, magnesium and other light metals.

2K-Epoxy-System Type F can be used for inexpensive repairs of all types, for filling in blowholes on light metal castings and for the reconstruction of components.

2K-Epoxy-System Type F 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	pasty
Colour after curing	aluminium
Mixing ratio by weight resin/hardener	100:20
Density of the mixture (200g preparation)	1,6 g/cm³
Viscosity of the mixture	880.000 mPa·s
Consumption at a coating thickness of 1,0 mm	1,60 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	61 Mpa
Bending	37 Mpa
E-Modul	1.500 - 2.000 Mpa
Shore D (ATSM D 1706)	84
Shrinkage	0,02 %
Thermoforming resistance	+60 °C
Temperature resistance	-35 to +120 °C

IMPA-Code

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

Storage

Store 2K-Epoxy-System Type F 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.

Technotopogs FZCO

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