

2K-Epoxy-System Type BR



Storage

Store 2K-Epoxy-System Type BR 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.

pasty bronze-filled

2K-Epoxy-System Type BR is particularly suited for filling in blowholes and for repairing and rebuilding bronze equipment parts and castings.

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

Technical Data

Composition	Epoxy resin bronze-filled
Specific Properties	pasty
Colour after curing	bronze
Mixing ratio by weight resin/hardener	100:100
Density of the mixture (200g preparation)	1,8 g/cm³
Viscosity of the mixture	650.000 mPa·s
Consumption at a coating thickness of 1,0 mm	1,80 kg/m²
Maximum layer thickness for each working step	12 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	95 Mpa
Bending	35 Mpa
E-Modul	2.500 - 3.000 Mpa
Shore D (ATSM D 1706)	75
Shrinkage	0,02 %
Thermoforming resistance	+50 °C
Temperature resistance	-35 to +120 °C

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

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