

## 2K-Epoxy-System Type B



پلاستیک متال : B

مایع غلیظ، حاوی پرکننده فولادی برای مدل سازی و قالب سازی، برای ساختن ابزارآلات، دستگاه های کشش، ساختن شابلون . همچنین برای پرکردن حفره های داخل قطعات ریخته شده و منافذ ریز ریخته گری و تعمیرات عمومی.

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

### Storage

Store 2K-Epoxy-System Type B 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 steel-filled

2K-Epoxy-System Type B is particularly suited for detailed reproductions in model and mould making, for the production of tools, templates, gauges and fixtures, for filling in blowholes and microporosities, in castings and for general repair work where a casting compound is advantageous.

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

### Technical Data

Composition	Epoxy resin steel-filled
Specific Properties	viscous
Colour after curing	dark-grey
Mixing ratio by weight resin/hardener	100:7
Density of the mixture (200g preparation)	2.75 g/cm <sup>3</sup>
Viscosity of the mixture	200.000 mPa·s
Consumption at a coating thickness of 1,0 mm	2,75 kg/m <sup>2</sup>
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	110 Mpa
Bending	52 Mpa
E-Modul	3.500 - 5.000 Mpa
Shore D (ATSM D 1706)	90
Shrinkage	0.03 %
Thermoforming resistance	65 °C
Temperature resistance	-35 to +120 °C

