2K-Epoxy-System Type A

پلاستیک متال A :
خمیری حاوی پرکننده فولادی برای ترمیم آسیب دیدگی‌ها وخوردگی‌ها سوراخ مخازن،تعمیرات لوله ها ، قطعات قالب ریزی شده هوزنیگ و قطعات ماشین آلات.
همچنین مناسب برای مدل سازی و قالب سازی برای ساخت ابزار آلات و دستگاه های کشش.

pasty
steel-filled

2K-Epoxy-System Type A is specially suitable for repair work in the marine industry. It can be used to remove corrosion damages and pitting on tanks, to repair pipes and castings as well as cracks on housings of machine parts.

Other applications include the production of models, moulds, tools and jigs. The epoxy resin system can be used in mechanical engineering, tool, model and mould making as well as in many other industrial areas.

Technical Data

Composition	Epoxy resin steel-filled
Specific Properties	pasty
Colour after curing	dark-grey
Mixing ratio by weight resin/hardener	100:10
Density of the mixture (200g preparation)	2.9 g/cm³
Viscosity of the mixture	1.000.000 mPa·s
Consumption at a coating thickness of 1,0 mm	2,90 kg/m²
Maximium 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	80 Mpa
Bending	34 Mpa
E-Modul	3.500 - 5.000 Mpa
Shore D (ATSM D 1706)	90
Shrinkage	0.015 %
Thermoforming resistance	65 °C
Temperature resistance	-35 to +120 °C

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

Storage
Store 2K-Epoxy-System Type A 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.