

2K-Epoxy-System Type ST



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

Storage

Store 2K-Epoxy-System Type ST 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, can be applied with a spatula
metal-filled
non-corrosive

2K-Epoxy-System Type ST is suitable for versatile repairs and maintenance jobs performed on stainless steel machine parts and work-pieces such as tanks, pipelines, containers, funnels and flanges.

2K-Epoxy-System Type ST can be used in the chemicals industry, in the entire marine and inland water navigation sector, in wastewater systems, in the paper industry and in many other applications.

Technical Data

Composition	Epoxy resin metal-filled
Specific Properties	thixotropic, can be applied with a spatula
Colour after curing	grey
Mixing ratio by weight resin/hardener	100:50
Density of the mixture (200g preparation)	1,64 g/cm³
Viscosity of the mixture	450.000 mPa·s
Consumption at a coating thickness of 1,0 mm	1,64 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	80 Mpa
Bending	38 Mpa
E-Modul	2.000 - 2.500 Mpa
Shore D (ATSM D 1706)	80
Shrinkage	0,02 %
Thermoforming resistance	+50 °C
Temperature resistance	-35 to +120 °C

Technotopogs FZCO

Head Office Middle East: Hamriya Free Zone-Sharjah, UAE
Tel: +971 6 5262004 • Fax: +971 6 5262030
info@technotopogs.com • www.technotopogs.com

Westhafenplatz 1
60327 Frankfurt/Main, Germany
Tel: +49 (0) 69 710456072