

2K-Epoxy-System Type ST

پلاستیک متال : ST

خمیری، حاوی فلز. بتونه بسیار مقاوم در برابر خوردگی، مناسب جهت ترمیم و تعمیرات قطعات مختلف ماشین آلات حتی قطعاتی از جنس فولاد ضد زنگ (استنلس استیل).



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

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| 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/cm ³ |
| Viscosity of the mixture | 450.000 mPa·s |
| Consumption at a coating thickness of 1,0 mm | 1,64 kg/m ² |
| 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 |

