

2K-Epoxy-System Type WR2



**pasty
mineral-filled,
wear-resistant, highly abrasion-resistant**

2K-Epoxy-System Type WR2 is particularly suitable for areas where the processing of casting compounds is not possible such as for the repair of conveyors, guides and sliding ways. It can also be used to prevent wear on metal surfaces exposed to high abrasion and erosion and can serve as a wear-resistant underlayer before the final coating with 2K-Epoxy-System Type BL Ceramic.

2K-Epoxy-System Type WR2 can be used in machine and system construction, in apparatus engineering and in many other industrial applications.

Technical Data

Composition	Epoxy resin mineral-filled
Specific Properties	putty, wear resistant
Colour after curing	dark-grey
Mixing ratio by weight resin/hardener	100:25
Density of the mixture (200g preparation)	1,67 g/cm³
Viscosity of the mixture	560.000 mPa·s
Consumption at a coating thickness of 1,0 mm	1,67 kg/m²
Maximum layer thickness for each working step	10 mm
Pot life at +20°C (+68°F) 200g preparation	45 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	71 Mpa
Bending	39 Mpa
E-Modul	2.500 - 3.000 Mpa
Shore D (ATSM D 1706)	82
Shrinkage	0,025 %
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 WR2 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.

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