



vibration resistant
 impact resistant
 break resistant

WEICON CBC is an epoxy resin system which was specially developed for the shimming and back filling of difficult to be aligned systems. It serves as a replacement for fittings and worn metal sheets and ensures the direct contact to foundation plates. CBC shows high friction coefficients and is an effective carrier. Due to the very low shrinkage, machinery and equipment remain constant in their orientation, after the casting of WEICON CBC.

The epoxy resin system has a low viscosity and very good adhesion on steel. It has a good compressive strength and is resistant against oil, fuels and many chemicals. Additionally it is resistant against temperatures. Further application areas besides motors are e.g. gears, stabilizers, crane rails, flaps, masts, antennae, winches, linkages, equipment for deck assembly and many other components.

Technical data

Composition	Epoxy resin, aluminium filled
Specific Properties	liquid, impact resistant
Mixing ratio by weight % (Resin/Hardener)	100 : 30
Pot-life at +20 °C (200 g preparation)	30 Min.
Density of the mixture	1,5 g/cm ³
Viscosity of the mixture	45.000 mPa·s
Cure time mechanical loads	12 h
final hardness	24 h
Mean compressive strength (+25 °C) acc. to DIN 5328	70 MPa
Mean strength E-Modul (+25 °C) acc. to DIN 53281-83	4170 MPa
Shore D (+25 °C) acc. to DIN 53281-83	80
Shrinkage	0,02 %
Colour	grau
Temperature resistance*	-40 bis +160 °C
Schlagzähigkeit ISO 179-1/1eU	3,7 kJ/m ²
Bruchdehnung DIN EN ISO 527	0,7 %

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

Storage

WEICON Plastic Metal 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 °C to +25 °C (Epoxy Resin Putty max. 3 years).
 Opened containers should be used within 6 months.

Note

Any product specifications and recommendations given herein must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do warrant the continuously high quality of our products being free from defects in accordance with and subject to our General Sales Conditions. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

Health and Safety

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

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