

WEICON CBC Epoxy Resin



vibration resistant
impact resistant
break resistant

Special epoxy resin system 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.

WEICON CBC has a low viscosity, flows well and is self-levelling. It has a pot life of 30 minutes and cures nearly shrink-free. It provides a permanent, high-static stability and exhibits great ageing qualities. The epoxy resin system adheres particularly well to steel and concrete. It has a good compressive strength and is resistant against oil, fuels and many chemicals. It is vibration resistant as well as temperature resistant.

Due to its extremely low shrinkage, machines and systems remain constant after the casting with WEICON CBC in their alignment.



Technical Data

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| Composition | Epoxy resin aluminium-filled |
| Specific Properties | liquid, impact resistant |
| Colour after curing | grey |
| Mixing ratio by weight resin/hardener | 100:30 |
| Density of the mixture (200g preparation) | 1,5 g/cm ³ |
| Viscosity of the mixture | 45.000 mPa·s |
| Consumption at a coating thickness of 1,0 mm | 1,50 kg/m ² |

Note

The specifications and recommendations given in this technical data sheet 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 guarantee the continuously high quality of our products. 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.

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| Pot life at +20°C (+68°F) 200g preparation | 30 min. |
| Curing time mechanical loads | 12 h |
| Final strength after | 24 h |
| Mean compressive strength (DIN EN ISO 604) | 70 Mpa |
| Strength-E-Module (DIN EN ISO 527) | 4.170 Mpa |
| Elongation at break (DIN EN ISO 527) | 0,7 % |
| Impact strength (ISO 179-1/1eU) | 3,7 kJ/m ² |
| Shore D (ATSM D 1706) | 80 |
| Shrinkage | 0,1 % |
| Temperature resistance | -40 to +160 °C |
| ISSA-Code | 75.510.01 |
| IMPA-Code | 81 29 55/56 |

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

Storage

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

Safety and health

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.

Available sizes:

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| 10110030 | WEICON CBC Epoxy Resin 3.0 kg |
| 10110110 | WEICON CBC Epoxy Resin 10.0 kg |

Accessories:

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| 10604025 | Mould Release Agent Liquid F 1000, 250 ml |
| 10604515 | Mould Release Agent Wax P 500, 150 g |
| 10953001 | Processing Spatula, short |
| 10953003 | Processing Spatula, long |
| 10953010 | Stirrer Stainless Steel, |
| 11202400 | Sealant and Adhesive Remover, 400 ml |
| 11207400 | Surface Cleaner, 400 ml |
| 11850200 | Hand Protective Foam, 200 ml |

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