

# WEICON CBC型



抗振  
抗冲击  
抗裂

该产品是一款环氧树脂，专为难以固定和调整的机器、设备等的底座进行充填与灌浆。它可以替代传统的钢垫或铸铁垫块的固定方式，确保与机器、设备等的底座能够与地面紧密贴合。

该款环氧树脂的粘度较低，具备良好的流动性，可自流平。它的可操作时间为30分钟，固化后几乎无收缩。该产品的耐压性和耐老化性突出，对钢质材料及水泥具有出色的附着力。它的抗压强度高，抗振动，耐油脂、燃料及各种化学物质，适用的温度范围极广。

WEICON CBC 环氧浇筑灌封树脂的收缩率极低，这确保了灌浆后的机器设备可以保持在最初固定的位置。



## 技术参数

成分	环氧树脂铝填充
特性	液态，耐冲击
固化后的颜色	灰色
树脂与固化剂的重量混合比例	100:30
200g混合物的密度	1,5 g/cm <sup>3</sup>
混合物粘度	45.000 mPa·s
涂层厚度为1.0 mm时的消耗量	1,50 kg/m <sup>2</sup>
温度为+20°C、混合物重量为200g时的可操作时间	30 分钟
达到机械负载所需时间	12 h

**提示**  
本资料中列出的所有产品，其参数和建议是在实验室的测试结果及经验总结，不得被视为对产品特性的保证。由于每一个用的实际应用情况并不在我们的认知、控制及责任范围内，我们对这些信息并不承担任何义务。我们保证我们的产品符合并遵守我们销售条款中承诺的高品质、无瑕疵的要求。我们建议用户通过自行试验来论证其希望选用的产品是否完全符合预期。因用户未遵照指定的操作方法使用产品而造成损失的情况，用户将独自承担全部责任。

达到最终固化所需时间	24 h
耐压 (DIN EN ISO 604)	70 Mpa
抗拉弹性模量 (DIN EN ISO 527)	4.170 Mpa
断裂延伸率 (DIN EN ISO 527)	0,7 %
抗冲击强度 (ISO 179-1/1eU)	3,7 kJ/m <sup>2</sup>
邵氏硬度D(ATSM D 1706)	80
收缩率	0,1 %
耐温性	-40 至 +160 °C
ISSA 编码	75.510.01
IMPA 编码	81 29 55/56

表面预处理及产品操作信息详见使用说明。

### 储藏

WEICON 塑钢胶需在室温、干燥的环境下存放。未拆封的包装从发货日期起计算，在+18至+28°C室温环境中能至少存放 24个月。拆封后的包装需在6个月内使用。

### 安全与健康

使用WEICON产品时，需注意产品的物理性、安全性、毒性、生态性的详细参数以及我们EG材料安全数据表 (www.weicon.com) 的具体信息。

### 包装

10110030 WEICON CBC型 3 kg  
10110110 WEICON CBC型 10,0 kg

### 产品配件

10953001 处理抹刀, 短  
10953003 处理抹刀, 长  
10953010 不锈钢搅拌棒,

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# 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

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 <sup>3</sup>
Viscosity of the mixture	45.000 mPa·s
Consumption at a coating thickness of 1,0 mm	1,50 kg/m <sup>2</sup>

### 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.

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 <sup>2</sup>
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](http://www.weicon.com)) must be observed.

### Available sizes:

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

### Accessories:

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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