

Technical Product Data Sheet

WAS Carbon Concrete



WAS International GmbH

Cement-bound dry Mortar

- Quarz sand grain size: 0-1 mm
- Water quantity max: 14%
- Fresh mortar density: 2.200 kg/m³
- Layer thickness: 1,90 kg/(m² · mm)
- Processing time: approx. 45 min
- Compressive strength after 28 days: ≥ 70 MPa
- Bending tensile strength after 28 days: ≥ 7 MPa
- Exposure classes: X0, XC1-XC4,
XD1-XD3, XS1-XS3,
XF1-XF3, XM1 XA1-
XA3
(to 1.500 mg/L SO₄)



All values were determined under laboratory conditions at 20 degrees.

Product Features

- Mortar, ready to use, is specially adapted to carbon reinforcements. Just mix it with drinking water.
- Processed manually or by spraying
- High resistance to penetrating chlorides
- High frost resistance
- High resistance to strong chemical attack
- Largely waterproof in combination with high flexural strength
- Building material class A1 (non-flammable)

Areas of Application

Concrete replacement according to DIN EN 1504-3 "Concrete replacement for static and non-static repairs."

Notes

The information, provided in this technical product data sheet, is valid for the product delivered by WAS International GmbH. The information serves to ensure the usual purpose of use. However, it does not release the user from the responsibility of checking suitability and usage.