

CN 91



Wall and Floor Repair Mortar »Easy«

Slump-free filling and repair compound on walls and floors for layers of 3–50 mm and for producing concave moulding for indoor and outdoor use

PROPERTIES

- ▶ with lightweight fillers
- ▶ rapidly ready to receive coverings
- ▶ for indoor and outdoor use
- ▶ easy application
- ▶ high yield

SCOPE OF USE

For levelling, repairing and resurfacing wall areas as well as for levelling and filling floor areas made of concrete or cement screeds.

For evening out stair landings and steps.

For producing concave mouldings at the wall/floor junction sealing.

SUBSTRATE PREPARATION

CN 91 adheres to all solid, load-bearing and clean mineral substrates free of substances which may impair adhesion. Wax layers, fat or oil stains as well as sintered coatings and bitumen must be removed mechanically.

First roughen the surface, then clean it and remove the dust. Enlarge cracks with a grinding wheel, vacuum off the dust and fill them with CK 740 Epoxy resin primer.

Prewet concrete, cement screed, cement plaster and brickwork to reduce the absorbency of the substrate surface.

APPLICATION

Depending on the desired consistency, pour CN 91 into clean water and stir until the mixture is completely free of lumps. Apply layers of up to 30 mm thickness in one operation. Layers of 50 mm thickness are possible in single spots, but not over the complete surface.

If necessary, apply two coats.

After mixing, the mortar is workable for approx. 20 to 40 minutes depending on the amount of water used.



After approx. 15–20 minutes, the surface can be smoothed over with a felt rubbing board or sponge float. Fresh mortar residues can be removed with water, hardened material can only be removed mechanically. Protect the applied screed layer against too rapid drying.

PLEASE NOTE

Use the mortar only in dry conditions and at temperatures from +5 °C to +30 °C. The ideal application temperature is between +15 and +25 °C.

CN 91 contains cement and produces an alkaline reaction with water. Therefore protect eyes and skin. If contact occurs, rinse thoroughly with plenty of water. In case of contact with the eyes seek medical advice. Please refer in particular to the information contained in DIN 18 202 and DIN 18 365.

Hazard notes/Safety advices/Dangerous goods classification/waste disposal advices: See Material Safety Data Sheet.

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00330	
EN 13813: 2002 GT-C25-F6	
Cementitious screed material for use internally in buildings	
Reaction to fire	A1
Release of corrosive substances	CT
Water permeability	NPD
Water vapour permeability	NPD
Compressive strength	C25
Flexural strength	F6
Wear resistance	NPD
Sound insulation	NPD
Sound absorption	NPD
Thermal resistance	NPD
Chemical resistance	NPD

TECHNICAL DATA

Base:	cement combination with natural mineral fillers and high-quality synthetic resin powder (low-chromate content) Giscode ZP 1
Bulk density:	approx. 1.0 kg/dm ³
Mixing ratio:	
– Consistency for use on walls	approx. 0.2 – 4.5 l water per kg
– Consistency for use on floors	approx. 0.25 l water per kg
Working time:	approx. 20 – 40 minutes
Ready for foot traffic:	after approx. 2.5 hrs
Ready for covering:	after approx. 3.5 hrs
Pressure resistance: (EN 196)	after 1 day 10 N/mm ² after 7 days 20 N/mm ² after 28 days 25 N/mm ²
Bending tensile strength: (EN 196)	after 1 day 1.7 N/mm ² after 7 days 3.5 N/mm ² after 28 days 5.5 N/mm ²
Amount required:	approx. 1.05 kg/m ² per mm layer thickness
Storage stability:	approx. 6 months if stored tightly closed in a cool and dry place. Use up opened sacks as soon as possible.

Should you need support or advice, please consult our advisory service for architects and craftsmen.
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The above information, in particular recommendations for the handling and use of our products, is based on our professional knowledge and experience. As materials and conditions may vary with each intended application and thus are beyond our control, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for the intended application method and use. Legal liability cannot be accepted on the basis of the contents of this technical data sheet or any verbal advice given unless there is evidence of wilful intent or gross negligence on our part.

This technical data sheet supersedes all previous editions.

Apart from the information given in this technical data sheet, it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the applicable DIN standards.

All data given was obtained at an ambient and material temperature of +23°C and 50 % relative humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

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