



NEODUR PCC BRM 02 NEODUR PCC BRM 4

concrete repair mortar

SYNTHETIC-RESIN MODIFIED WITH FIBRES

DESCRIPTION

NEODUR PCC repair mortars BRM 02 and BRM 4 are factory-produced, ready to use, synthetic-resin modified, fibre-reinforced repair mortars for the repair of concrete.

APPLICATION

Indoors and outdoors. NEODUR PCC repair mortars BRM 02 / BRM 4 are used as synthetic-resin modified cement mortars for the repair resp. reprofiling of concrete parts. NEODUR PCC repair mortars BRM 02 / BRM 4 qualify for an excellent bond on mineral subbases. They contain bonding additives which spare an additional bonding layer. NEODUR PCC BRM 02 is qualified for layer thicknesses from 1 – 10 mm, NEODUR PCC BRM 4 is qualified for layer thicknesses from 10 mm on.

PROPERTIES

- synthetic-resin modified
- fibre-reinforced
- asbestos-free
- good bond to concrete
- contains bonding additives

TECHNICAL DATA

(at 20°C/65 % relative air humidity)

grain size:

NEODUR PCC BRM 02 0-0,2 mm

NEODUR PCC BRM 4 0-3,0 mm

water addition per 25 kg bag:

NEODUR PCC BRM 02 app. 4,75 l

NEODUR PCC BRM 4 app. 4,0 l

consumption:

approx. 1,8 – 2,0 kg/m² / mm

layer thickness

processing temperature: > 5°C

compressive strength after 28 days:

NEODUR PCC BRM 02 > 40 N/mm²

NEODUR PCC BRM 4 > 50 N/mm²

tensile strength after 28 days:

NEODUR PCC BRM 02 > 8 N/mm²

NEODUR PCC BRM 4 > 15 N/mm²

PROCESSING

Clean subbase from loose particles such as dust, cement-slurry, oil and grease. Then thorough pre-wetting, avoiding formation of puddles. NEODUR PCC repair mortars BRM 02 / BRM 4 to be mixed as complete units for approx. 3 minutes. After preparation of the subbase, the contact surface must be preflushed with NEODUR PCC BRM repair mortar using a brush. The mortar is applied fresh-in-fresh. The mortar surface can be treated by smoothing, grinding or using felt. The rubbing down with styropor is most easy and effects a very respectable structure.

AFTER-TREATMENT

The applied mortar surface must be after-treated acc. to DIN 1045 (e. g. by covering with foil to avoid too rapid drying out.)

PRODUCTION

KORODUR Westphal Hartbeton GmbH & Co., works Wattenscheid

Cert.: DIN EN ISO 9001:2000

PACKAGING/SUPPLY

25 kg special paper packaging

STORAGE

dry, like cement,
shelf-life approx. 6 months.

HINTS

These products contain cement and have an alkaline reaction with moisture/water. Therefore protect hands and eyes. In case of contact with eyes consult a doctor.

Our recommendations for application techniques are based on our experiences. It is recommended to adapt processing and material quantities to the given local conditions and we refer in this context to our AGB.

Further literature, processing hints, tender texts on the different KORODUR industrial flooring systems, KORODUR floor hardeners, KORODUR special products are available on request.



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