



BONDTUF EPOXY MORTAR

Rapid Dry Hardening Repair Mortar Based On Epoxy Resin

BONDTUF CHEMICALS PVT. LTD.

AN ISO 9001 : 2015 COMPANY

www.bondtuf.com

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RAPID DRY HARDENING REPAIR MORTAR BASED ON EPOXY RESIN

DESCRIPTION

Bondtuf Epoxy Mortar is a three part solvent free epoxy resin system. This unique formulation which contains a base, hardener and filler provides 3 to 5 mm thick layer which gives excellent hardness, abrasion and chemical resistance.

CHARACTERISTICS

Mixing ratio base 1.4 Kg, Hardener 0.6K filler 14 Kg

Compressive Strength 64 N/mm²

Tensile Strength 26 N/mm²

Flexural Strength 12 N/mm²

Foot traffic : 12 to 16 hours @ 30deg c

Full cure : 7 days

Pot Life at 27 deg c -20 to 30 minutes

ADVANTAGES / BENEFITS

- ❖ Bondtuf Epoxy Mortar is resistant to chemicals and has excellent load bearing property.
- ❖ Bondtuf Epoxy Mortar provides excellent resistance to abrasion.
- ❖ Bondtuf Epoxy Mortar is easy to apply as a universal screed in all industries with a coating on it.
- ❖ Bondtuf Epoxy Mortar gives a nonslip surface.
- ❖ Bondtuf Epoxy Mortar can be used for minor repairs of floors.
- ❖ Bondtuf Epoxy Mortar provides dust free, ideal floor screeds and also eliminates problems of joints.

PRECAUTIONS

Bondtuf Epoxy Mortar should be applied using gloves. Splashes on to skin if any should be washed with plenty of water. When it comes in contact with eyes, wash with water and take medical advice.

DIRECTIONS FOR USAGE

The surface where Bondtuf Epoxy Mortar is to be applied should be dry and free from dust, grease, contamination, oil and other loose particles. A solvent free epoxy resin based primer has to be applied at the rate of 200 to 250 mg/m². Bondtuf Epoxy Mortar is to be applied when the primer is sticky.

All the components of Bondtuf Epoxy Mortar are mixed slowly with a mechanical stirrer. Mixing is done with a drilling machine paddle with an rpm 350-400 for about 3minutes till a homogeneous mixture is obtained. The mixed material should be spread onto the well prepared surface to a uniform thickness by a steel trowel. The material should be compacted and finished with a wooden trowel.

AREAS OF APPLICATION

Bondtuf Epoxy Mortar is used in heavy industry, chemical industry, ramps, where high wear resistance and chemical resistance are essential. Bondtuf Epoxy Mortar is used in engineering plants, breweries, dairies, paint workshops, battery rooms, food processing plants etc., Bondtuf Epoxy Mortar can also be used as a repair mortar.

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SUPPLY

Bondtuf Epoxy Mortar comes in 16 kg packs.

SHELF LIFE

12 Months (to be stored in cool and dry place)

TECHNICAL SUPPORT

Bondtuf provides a technical advisory service for on-site assistance and advice on admixture selection, evaluation trials and dispensing equipment. Technical data and guidance can be provided for admixtures and other products for use with fresh and hardened concrete.

IMPORTANT NOTE

Bondtuf products undergo high standard quality checks and every reasonable precaution is taken in the manufacture of all products. BOND TUF continuously strive to ensure the products, recommendations, specification & information given is reliable, correct and accurate. No specific guarantee can be assured as product performance depends not only on quality but also on many other factors which are not under our control. The customer should make his own trails to determine the compatibility of the product for his own purpose. All products are sold subject to our standard terms and conditions of sale.

BOND TUF PRODUCT RANGE

WATERPROOFING COMPOUNDS | REPAIRS & REHABILITATION AGENTS | ADMIXTURES & CONCRETE TREATMENT
FOUNDATION GROUTS & FLOOR HARDENER | EPOXY COATINGS & SCREEDS | TILE & STONE FIXING ADHESIVES