



BONDIT EPOXY BOND

Nexgen Construction Supplements

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BONDIT EPOXY BOND

Epoxy Resin Based Bonding Agent For Concrete

DESCRIPTION

BONDIT EPOXY BOND is a two-part bonding agent with excellent bonding properties with extended pot life, based on Epoxy Resin System.

ADVANTAGES / BENIFITS

BONDIT EPOXY BOND can be applied on damp or wet surfaces and it is an excellent bonding agent.

BONDIT EPOXY BOND has excellent adhesive strength. The bond strength is more than the tensile strength of concrete of grade M - 30

SUPPLY

BONDIT EPOXY BOND comes in 1 Kg packs.

STANDARDS/SPECIFICATIONS

BONDIT EPOXY BOND Complies to BS 6319 Pt 2, 3, 4 & 7

SHELF LIFE

9 Months (to be stored in cool and dry place).

CHARACTERISTICS

Compressive Strength	51 N/mm ²
Tensile Strength	20 N/mm ²
Flexural Strength	35 N/mm ²
Shear Strength	10 N/mm ²
Pot Life	2 to 3 hours at 30oC
Hardening Time	2 Days
Over coating time	6 to 9 Hours

Above properties tested according to BS 6319 Pt 2, 3, 4 & 7

AREAS OF APPLICATIONS

BONDIT EPOXY BOND can be used to repair or extend structural concrete.

BONDIT EPOXY BOND can be used for bonding old concrete to new concrete i.e., for bonding new cementitious materials with already existing surfaces.

DIRECTIONS FOR USAGE

The surface where BONDIT EPOXY BOND is to be applied should be free from dust, grease and oil. After removing all dust with water, do not allow water to be collected on surfaces where BONDIT EPOXY BOND has to be applied.

The hardener part and base part should be poured into a tin and mixed thoroughly using a low speed mixer (300 – 400 rpm) for about 2 to 3 minutes until a uniform colour of the mixture is obtained. The mixture can be applied using a brush or can be sprayed onto the surface. Coverage is 40 to 50 sqft /Kg depending on the substrate. Concrete should be placed on BONDIT EPOXY BOND within 6 to 8 hours.

PRECAUTIONS

BONDIT EPOXY BOND 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.

TECHNICAL SUPPORT


Technical information and guidance regarding BONDIT range of admixtures, repairs and bonding, water proofing systems, epoxy industrial flooring systems etc., will be available from the technical services department, BONDIT CONSTRUCTION CHEMICALS PVT LTD

IMPORTANT NOTE

BONDIT products undergo high standard quality checks and every reasonable precaution is taken in the manufacture of all products. BONDIT continuously strive to ensure the products, recommendations, specifications & 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 trials to determine the compatibility of the product for his own purpose. All products are sold subject to our standard terms and conditions of sale.

BONDIT CONSTRUCTION CHEMICAL PVT LTD.

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