



BONDIT COAT HB 103

Nexgen Construction Supplements



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BONDIT COAT HB 103

EPOXY RESIN BASED CHEMICAL RESISTANT COATING

DESCRIPTION

BONDIT COAT HB 103 is a two part epoxy resin system designed for high chemical resistance situations.

ADVANTAGES / BENIFITS

BONDIT COAT HB 103 is resistant to a number of chemicals.

BONDIT COAT HB 103 can be applied to get 250-300 microns thickness in single coat.

BONDIT COAT HB 103 is easy to apply .It is durable and solvent free.

BONDIT COAT HB 103 can be withstood upto 100 ° C

AREAS OF APPLICATIONS

BONDIT COAT HB 103 gives a long lasting, abrasion resistant, chemical resistant Flooring system.

BONDIT COAT HB 103 can be used for walls of battery rooms, for lining effluent tanks, Chemical resistant floors, and Heavy oil spillage areas of chemical and mechanical industrial floors.

DIRECTIONS FOR USAGE

The surface where BONDIT COAT HB 103 is to be applied should be dry and free from dust, grease, oil and other loose particles.

For this grit blasting or sand blasting or grinding and water jetting can be used. The surface should not have a moisture content of more than 4 %.

A non-solvent primer if the surface is damp or a solvented primer has to be applied while coating BONDIT COAT HB 103 on the floors. All the components of **BONDIT COAT HB 103** are mixed thoroughly with a mechanical stirrer with an rpm 300-350.the process should be continued till a Homogeneous mixture is obtained.

CHARACTERISTICS

Pot life : 60 minutes at 30 deg C

Over coating time : 24 Hours

Temperature Resistance is upto 100° C

Initial cure : 20 to 24 hours at 30 deg C

Full Cure : 6 to 7 days at 30 deg C

PACKAGING

BONDIT COAT HB 103 comes in 2.5 and 5 Kg packs.

COVERAGE

3sqmts/Kg at 300 microns thickness.

The mixed material is brushed onto the well prepared surface by a standard paint brush, good quality lambs wool roller or sprayed with airless spray equipment. Care should be taken to ensure continuous film and proper material consumption

CHEMICAL RESISTANCE

ACIDS

NAME OF THE ACID	UPTO(%)	No attack
Hydrochloric acid	30	No attack
Sulphuric acid	20	No attack
Nitric acid	10	No attack
Phosphoric acid	20	No attack
Citric acid	50	No attack
Lactic acid	10	No attack

ALKALIS

NAME OF THE ALKALI	UPTO(%)	No attack
Caustic Soda	50	No attack
Caustic Potash	50	No attack

AQUEOUS SOLUTIONS

NAME OF THE SOLUTION	UPTO(%)	No attack
Calcium chloride	saturated	No attack
Magnesium chloride	saturated	No attack
Calcium Hydroxide	saturated	No attack
Sea Water		No attack
Water		No attack

PRECAUTIONS

BONDIT COAT HB 103 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.

SOLVENTS

NAME OF THE SOLVENT	SPILLAGE	No attack
Kerosene oil	Occasional Spillage	No attack (may show colour change)
Benzene	Spillage	No attack
Mould oil	Spillage	No attack
Brake Fluids	Spillage	No attack
Fuel Oil	Spillage	No attack

SHELF LIFE

1 year (to be stored in cool and dry place)

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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