



BONDIT HARD TOP

Nexgen Construction Supplements

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BONDIT HARD TOP

Concrete Floor Topping Resistant To Abrasion

DESCRIPTION

BONDIT HARDTOP is a cementitious floor topping for industrial floors which is abrasion resistant. The unique formulation enhances the resistance of the floors to abrasion and gives hard-wearing performance against industrial use. This formulation is non-metallic and free from chloride.

ADVANTAGES / BENIFITS

- BONDIT HARDTOP is chloride free and hence does not result in corrosion of metals.
- It enhances abrasion resistance BONDIT HARDTOP can be used for both interior and exterior floors.
- It cures to a dense non-porous surface making the floor resistant to absorption of oils, greases, gases and water.
- It aids compaction and hydration process to ensure improved mechanical properties of the finished floor.
- It is non-slip and anti-skid in nature.
- It increases the durability of the industrial floors.
- It is resistance to oils, greases etc., It forms monolithic bond with base concrete and hence problems given by screed toppings are eliminated.
- It is economical and easy to use.

CHARACTERISTICS

Colour	Grey
Compressive Strength	700 Kg/Cm ² (as per IS 516-1959)
Abrasion Resistance	Tested as per IS 1237-1980
Control	100%

DIRECTIONS FOR USE

While making the base concrete, all standard codes of BS, DIN, IS relevant to production and placing of concrete have to be kept in mind. It should be at least M15-M20 Grade concrete with minimum cement content of 300 Kg/mm² and W/C ratio being restricted to a minimum of 0.55.

Instructions should be strictly followed while applying BONDIT HARDTOP as it will significantly affect the performance of the floor.

a) BONDIT HARDTOP has to be applied in the specified quantity depending upon the type of traffic it should bear.

b) BONDIT HARDTOP has to be applied at the proper time. Application should begin when the base concrete has reached a stage at which light foot traffic leaves an impression of about 2 mm. When this is ensured, 1/2 to 2/3rd part of the BONDIT HARDTOP to be applied

DIRECTIONS FOR USE

Rwnc nd Traffic	Bcøppgrgrnl	Arrl çk nrgnl
Fc_t w	Qø^æf t fæ very heavy duty wheels making impact, abrasion, grinding and sliding very high foot traffic	4,3 Hd-j 0
K cbgk	Qø^æf t fæ medium duty wheels making impact, abrasion, grinding and sliding on floors. Very high foot traffic	2,3 Hd-j 0
Jçfr	Qø^æf t fæ light duty wheels, light load pulling, sliding, occasional abrasion, automobile traffic,? heavy foot traffic.	0,3 Hd-j 0

should be sprinkled over the entire area. Wait for 2 minutes for the BONDIT HARDTOP to absorb the available water from the surface. BONDIT HARDTOP is floated on the substrate using a wooden floats or power trowel.

BONDIT HARDTOP particles should build on the substrate and not go deep into it. The remaining BONDIT HARDTOP is sprinkled and spread uniformly on the surface and floated as before. Finally, a little more floating, surface is neatly finished.

If the application is performed on a surface having excess water or bleeding water BONDIT HARDTOP particles will sink into the concrete or will absorb lot of water. This results in a low abrasion resistant floor topping. When BONDIT HARDTOP is applied when there is sufficient water on concrete substrate, it results in improper hydration of cement particles. This causes carazing and other defects in the floor topping.

In case of Bay edges which have to bear heavy traffic and abrasion, special care should be taken. 10 cm-20cm wide strips along these edges are to be sprinkled with BONDIT HARDTOP and trowelled BONDIT HARDTOP which is cementitious, has to be cured with a standard curing method

SUPPLY

BONDIT HARDTOP is supplied in 25Kg bags.

PRECAUTIONS

BONDIT HARDTOP is non-toxic, non-flammable. Use gloves while using BONDIT HARDTOP. When it comes in contact with eyes wash with plenty of 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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