



ULTRA BOND COAT EX-6000

Description

QUANTITY & DIRECTION OF MIXING :

Before applying Ultra BOND COAT EX-6000, remove any dust, dirt, rust, oil, grease, or any loose particles from the surfaces using a roller, brush, or airless spray. Any unclean surface affects the adhesion of the coating on the substrate. Dilute the emulsion with 20% of water and apply a primer coat before the first coat. After this process, mix Ultra BOND COAT EX-6000 emulsion in the drum or pail thoroughly and apply it on the substrate surface at the thickness of 125 microns. Apply more layers of coating only after the complete curing of the previous layer.

COVERAGE:

Ultra BOND COAT EX-6000 provides coverage of 4.6 sq. m/kg with a dry film thickness of 125 microns. Always store Ultra BOND COAT EX-6000's drums and pails in a dry covered area, away from direct sunlight and any sources of heat. Its shelf-life remains up to 12 months under recommended conditions. Excessive exposure to sunlight and any heat would result in the deterioration of the product reducing the shelf-life.

INSTALLATION:

Apply Ultra BOND COAT EX-6000 with a brush or roller on the horizontal surfaces. Before the application, mix the contents in the drum or pail. Apply the emulsion two or more times to get the durable finish of the product. ULTRA BOND COAT EX-6000 is very stable and easy to apply. After applying the prime coat, give at least 3 hrs of a gap for the proper drying of the applied layer. ULTRA BOND COAT EX-6000 forms a black flexible protective membrane that acts as a barrier to vapor transmission resisting chloride and sulfate attack from the soil adhering to wood, concrete, metal, etc. materials.

KEY BENEFITS

- Easy to apply
- Economical
- Adhere to all kind of surfaces
- Non-toxic
- Self-curing
- No erosion/cracking
- Non-slumping
- Moisture proof
- UV rays resistance
- Excellent water/foster resistance

PRECAUTION:

With all chemical products, caution should always be exercised, with protective clothing such as gloves and goggles while handling the product. Treat any splashes to the skin or eyes with fresh water immediately. In case if any of the products accidentally swallowed, do not induce vomiting, call for medical assistance urgently. Ensure that the product container is available for the medical attendant to examine any relevant instructions and content details.

APPLICATION AREAS :

ULTRABOND COAT EX-6000 is a water-based bitumen emulsion coating with a firm, flexible, and jointless waterproof protective membrane. This protective coating membrane ensures the protection of steelwork, pipes, and metal surfaces too. ULTRABOND COAT EX-6000 acts as a damp-proof coating for concrete, a [waterproof protective](#) coat for basements, foundations, and retaining walls. It does maintenance coating for roofs and walls over concrete or metal surfaces. It gives bonding and priming coating for a variety of bitumen-based, waterproof systems, and weather coat membranes.

AVAILABLE PACK SIZES

ULTRABOND COAT EX-6000 is available in 15Ltr, 140Kg, 200Kg.

PRODUCT SPECIFICATIONS:

- Color : Brown dries into black
- Appearance : Thick emulsion liquid
- Mixing Ratio : Direct use
- Adjustability : 3hrs gap between each coating Pot-Life: around 45 minutes
- Time for foot Traffic : 24 hours

DIRECTION OF MIXING :

Before the application begins, the surface preparation is vital to ensure the bonding strength of the bonding agent to the concrete surface. The surface should be dry, free of any cement laitance, oil,

grease, curing compound, or any other contaminants. This intensive cleaning involves light mechanical scrubbing, pressure washing, grinding, or vacuum shot blasting. New concrete surfaces should be 28 days old, with the moisture content much less than 5%. Refurbishment of existing or old floors must be done with a suitable repair mortar, ensuring the bond strength between them. Polypoxy BF (Resin-Based Epoxy Blowhole Filler & Skimming Mortar) and Polycrete ST (Cementitious Repair Mortar) clears the surface irregularities and blowholes. Use a Resin-Based Epoxy Scratch Coat to repair areas larger than 0.5sqm. Priming : New concrete floors do not require priming though for best adhesion; prime the surface with ULTRA BOND EPOXY TOPCOAT EX-140 4-5sq.m/Liter. Coatings can be applied within 24 hours, as the primer gets dried within no time. If the primer surface is left open for more than 24 hours, then a fresh coat of primer is to be re-applied. Mix part A (Resin) and part B (Hardener) separately for 1 minute, using a slow speed drill fitted with a paddle. Then add Part B into Part A and mix thoroughly for 2-3 minutes to achieve a uniform consistency. Make sure to apply immediately after the mixing.

KEY BENEFITS

- Very easy to mix & apply
- Easy to fill the joints
- High bond strength
- Higher hard-wearing capacity
- Great durability
- Wide range of colours
- Hygienic & non-toxic
- Antibacterial & anti-fungal
- Excellent resistance to a wide range of chemicals
- Solvent free, therefore odorless and can be applied in confined spaces
- Complies with class 2 of surface spread of flame as per BS 476

COVERAGE:

Use 4m²/L per coat for 250 microns dry film thickness on a smooth surface. Number of coats can be determined according to the required thickness.

INSTALLATION:

Apply ULTRA BOND EPOXY TOPCOAT EX-140 using a brush/roller/airless spray. It can also be poured and spread evenly on the floor with a squeegee. Finish the coating by rolling the surface with a roller. Apply a second coat at the right angles as the first coat achieves an initial cure after 24 hours. After this, roll back the coating to reduce surface irregularities and to improve bonding. Always ensure the achievement of a continuous film on the applied surface. For a non slip finish, broadcast a non slip aggregate No.3, into the primer/first coat of ULTRA BOND EPOXY TOPCOAT EX-140 at 0.3kg/m. Always remove excess materials before the application of the next layer.

After the use, clean all the tools & equipment with a solvent immediately. Remove hardened materials mechanically.

APPLICATION AREAS :

ULTRABOND EPOXY TOPCOAT EX-140 is a versatile, two component solvent free epoxy resin based floor and wall coating that provides a durable and impervious coating which is easy to clean and has excellent resistance to a wide range of chemicals.

FIELDS OF APPLICATION

Warehouses And Factory Floors Internal Lining Of Storage Tanks Pump & Generator Rooms Showrooms Food And Pharmaceutical Industries Parking Decks, Garages And Car Wash Areas Workshops And Fabrication Units.

AVAILABLE PACK SIZES

Ultra BOND EPOXY TOP COAT EX-140 is available in 20 Ltr. containers

PRECAUTION:

Store the product in a covered cool/dry place, pails away from direct sunlight or any other sources of heat. Exposure to high temperature and humidity will reduce its shelf life and result in a considerable deterioration of the product. In tropical climatic conditions, the product has to be stored in an air-conditioned environment and protected from high humidity. With all chemical products, perhaps you should exercise necessary caution. Make sure to use protective clothing such as gloves and goggles handling chemical products. Treat any splashes to the skin or eyes with fresh water immediately. In case if any of the products accidentally swallowed, do not induce vomiting, call for medical assistance urgently. Ensure that the product container is available for the medical attendant to examine any relevant instructions and content details.

PRODUCT SPECIFICATIONS

- Color: grey (other colors available upon request)
- Appearance: Powder
- Shelf Life: 12 months in unopened
- condition (store as per the recommendations)
- Initial Cure: 24 hours
- Full Cure: : 7days