

Ultra BitmCoat RBE5 EX6500

Rubberised Bitumen Emulsion Paint

RBE BITUMEN EMULSION - DAMP- PROOF COATING

ULTRA COAT-RBE is a thymotropic cold applied rubberized bitumen emulsion, single component dark brown liquid, which dries to provide a flexible, resilient coating.

APPLICATIONS AND USES

ULTRA COAT RBE suitable for protect all types of concrete and any adhesive applications Tanking and water proofing below ground structures providing an impervious membrane as highly effective vapor sealer and curing compound.

For a sandwich membrane in new floors specially formulated water proofing and damp proofing for foundations, floors, walls and roofs. It is also highly effective as an adhesive for wood blocks, wood mosaics, insulation boards, cork tiles and expanded polystyrene.

CHARACTERISTICS

Ultra Coat RBE combines the water proofing benefits of bitumen with the elongation and crack bridging benefits of rubber latex. The result is a durable flexible membrane for all water proofing applications. Curing and water proofing can be completed in one application. Ultra Coat RBE is a single component, solvent free material. Non-flammable and nontoxic, resistant to chloride and sulphate attacks.



| Properties | Value |
|-------------------------|---|
| Appearance | Dark Brown liquid dries to black flexible membranes |
| Flash Point | Non -Flammable |
| Solid Content | 35% |
| Rubber Content | 6% Min in DFT |
| Specific Gravity | 1.01 @25°C |
| pH | 10°C to - 12°C |
| Application temperature | +5°C to +60°C |
| Dry Time | 2 -3 hours |

DIRECTION FOR USE

Surface preparation:

Surface must be clean and free from dirt, dust, rust or any other material which may impair adhesion. Porous

surfaces such as concrete and pre reinforced cement should be primed using Ultra Coat RBE diluted 1:4 with

clean water Old concrete and steel must be structurally sound prior to application. Repair damaged concrete

using Ultra Ex2000. Steel should be blasted and treated.

Foundation protection:

Ultra Coat RBE can be applied directly to green concrete immediately after the shutters have been removed. Two coats should be applied at right angles ensuring complete coverage of the area. Clean sharp sand can be used to increase DFT.

SANDWICH CONSTRUCTION:

Apply two coats of Ultra Coat RBE on to the smooth, clean concrete sub oor @ 1m / litter / coat. While the second coast is still tacky, blind with clean sharp sand to give protection against foot trac and provide a key subsequent screed. Ensure the membrane is taken up the walls to marry with the damp proof course and the dried 1m is not damaged. Lay the screeds to a minimum 50mm thickness and allow drying thoroughly before laying oor covering.

Surface treatment to existing oors:

Apply a priming coat @ 7.5m / litter by diluting one-part Ultra Coat RBE with 4 parts clean, cold water. Allow to dry thoroughly. Apply two coats Ultra Coat RBE @ 1m / litter / coat, taking each coat up to joint with existing DPC. Ensure the dried 1m is not punctured or damaged before oor covering is laid.

Note:

Floor covering containing high amounts of solvent or plasticizer should not be laid over Ultra Coat RBE.

Note: Drying time depends on the surface & atmosphere condition.

PACKING & STORAGE

Up to 12 months in manufacturer's sealed containers stored in a cool and dry place Available in 1 5kg, 140kg and 200kg container. Reseal the container after use and ensure product is stored as instructed on the label.

HEALTH & SAFETY:

As with all chemical products, caution should always be exercised, such as gloves and goggles should be worn.

Treat any splashes. To the skin or eyes with fresh water immediately. For more details, please refer to the MSDS

released on each ULTRA ADHESIVES product

LIMITATIONS:

Ultra Coat RBE will deteriorate under UV and may be protected from such damage by painting with water-based

paints. Consult paint manufacturers regarding method of application and suitability of paint for use over

bituminous coatings. Not suitable for negative water pressure applications.

DISCLAIMER

The information, and, in particular, the recommendations how to use and apply the product, are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with manufacturer's recommendations. All data are mean of numerous tests.

Assessment and analysis conducted under laboratory ambience.

Climatic disparity in temperature, humidity and porosity of substrate may impinge on values.

The user of the product must test the product's suitability for the intended application and purpose.

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