MIXGUARD RBE

RUBBERISED BITUMEN EMULSION - DAMP-PROOF COATING

MIXGUARD RBE is a thixotropic cold applied rubberized bitumen emulsion, single component dark brown liquid, which dries to provide a flexible, resilient coating.

APPLICATIONS AND USES

Mixguard RBE is suitable for protect all types of concrete and many adhesive applications Tanking and waterproofing below ground structures providing and impervious membrane as a highly effective vapour sealer and curing compound.

For a sandwich membrane in new floors

Specially formulated water proofer and damp proofer for foundations, floors, walls and roofs. It is also a highly effective as an adhesive for wood blocks, wood mosaics, insulation boards, cork tiles and expanded polystyrene.

CHARACTERISTICS

Mixguard RBE combines the waterproofing 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 waterproofing can be completed in one application. Mixguard RBE is a single component, solvent free material. Non-flammable and nontoxic, resistant to chloride and sulphate attacks

TECHNICAL DATA

Appearance	Dark Brown liquid dries to black flexible membrane
Flash Point	Non-Flammable
Solid Content	35%
Rubber Content	6% Min in DFT
Specific Gravity	1.01 @25°C
Ph	10.0 - 12.0
Application Temp	+5°C to 60°C
Dry Time	2-3 hours
Standards Complies	ASTM D2939 & BS 8102

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 fibre reinforced cement should be primed using Mix guard RBE diluted 1:4 with clean water Old concrete and steel must be structurally sound prior to application. Repair damaged concrete using Mixbuild HS or Mixbuild NF. Steel should be blasted and treated.

Foundation protection: Mixguard 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 Mixguard RBE onto the smooth, clean concrete sub floor @ 1m^2 / litre / coat. Whilst the second coast is still tacky, blind with Clean sharp sand to give protection against foot traffic and provide a key subsequent screed. Ensure theta the membrane is taken up the walls to marry with the damp proof course and the dried film is not damaged. Lay the screeds to a minimum 50mm thickness and allow drying thoroughly before laying floor covering.

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Surface treatment to existing floors: Apply a priming coat @ 7.5m^2 / litre by diluting one-part Mixguard RBE with 4 parts clean, cold water. Allow to dry thoroughly. Apply two coats Mixguard RBE @ 1m^2 / litre /coat, taking each coat up to joint with existing DPC. Ensure the dried film is not punctured or damaged before floor covering is laid.

Note: Floor covering containing high amounts of solvent or plasticizer should not be laid over Mixguard RBE.

Method of application: Mixguard RBE can be applied by brush, roller or squeegee. A minimum of 2 coats should be applied.

COVERAGE

The coverage rates vary according to the density, porosity and texture of the concrete to be treated. Typically, a coverage rate of 2-3m^2 / litre for two coats. Minimum recommended coverage is 2 - 4m2 / litre.

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 20kg 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 MERZ product.

LIMITATIONS:

Mixguard 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 ambiance. 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. MERZ Construction Products Ltd does not give any warranty express or implied as to the suitability of this product for your particular use, because the usage of this product is beyond the control of MERZ Construction Products Ltd. MERZ Construction Products Ltd does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

*All Products are produced for MERZ by OEM Manufacturers

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