

MIXGUARD RBE

Bitumen / rubber latex flexible water / vapour proof liquid membrane

Introduction

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

Appropriation

Mixguard RBE is suitable for protect all types of concrete and many adhesive applications
 Waterproofing below ground structures providing an impervious membrane
 As a highly effective vapour sealer and curing compound
 For a sandwich membrane in new floors
 Specially formulated water proof and coating for foundations, floors / walls internal and external
 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 non toxic
- Resistant to chloride and sulphate attacks

Technical Data and Properties

Appearance	Dark Brown liquid dries to black flexible membrane
Flash Point	Non-Flammable
Solid Content	35%
Rubber Content	6% minimum 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
Over Coating Time	3hours Min
Standards Complies	ASTM D2939 & BS 8102



Product Management

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 Mixguard 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 @ 1m² / litre / coat. Whilst the second coat is still tacky, blend with clean sharp sand to give protection against foot traffic and provide a key subsequent screed. Ensure 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 @ 7.5m² / litre by diluting one part Mixguard RBE with 4 parts clean, cold water. Allow to dry thoroughly. Apply two coats Mixguard RBE @ 1m² / litre /coat, taking each coat upto 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 MixguardRBE.

Method of application: Mixguard RBE can be applied by brush, roller or squeegee.

Coverage

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

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

Mixguard RBE contains no hazardous substances; however it should not be allowed to come into contact with skin and eyes. Wear suitable protective gloves and goggles whilst handling. When in contact with the skin and eyes, wash thoroughly and immediately with warm water. If swallowed seek medical attention. For more details, please refer to the MSDS released on each PyChem product.

Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hand-on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. 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



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