

Technical Data Sheet - TDS



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RocCoat RBE 15X

Rubberized bitumen emulsion, Flexible vapor proof membrane

PRODUCT DESCRIPTION

RocCoat RBE 15X is a thixotropic cold applied rubberized bitumen emulsion. The product is a single component dark brown liquid, which dries to provide a flexible, resilient coating.

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

APPLICATION AND USAGE

RocCoat RBE 15X is suitable for use for protection of all types of concrete and many adhesive applications.

RocCoat RBE 15X combines the waterproofing benefits of bitumen with the elongation and crack bridging benefits of rubber latex. The result is a durable yet flexible membrane for all waterproofing applications. Curing and waterproofing can be completed in one application.

ADVANTAGES

- ▶ Tanking and waterproofing below ground structures providing an impervious membrane.
- ▶ As a highly effective vapor sealer and curing compound. For sandwich membranes in new floors.
- ▶ As an adhesive for wood blocks, mosaics insulation boards, cork tiles and as a key prior to plaster or rendering.

DIRECTIONS FOR APPLICATION

Surface Preparation: Surfaces to which **RocCoat RBE 15X** is to be applied must be clean and free of dirt, dust, rust or any other material which may impair adhesion. Where moss or lichen is present, remove sheets. Cut and reseal blisters in asphalt or roofing. Remove chip-pings other than those that form the surface of mineralized felt. Porous surfaces such as concrete and fiber reinforced cement should be primed using **RocCoat RBE 15X** diluted 1: 6 with clean water.

Old concrete and steel must be structurally sound prior to application. Repair damaged concrete using either RocBuild HF or RocBuild NF. Steel should be grit blasted and treated with RocBuild ZP. Foundation protection: RocCoat RBE 15X can be applied directly to green con-

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crete . immediately after the shutters have been removed. Two coats be applied at right angles ensuring complete coverage of the area. Clean sharp sand can be used to increase D.F.T and to provide definition between coats.

Sandwich Construction: Apply 2 coats RocCoat RBE 15X onto the smooth, clean concrete sub-floor at the rate of 1m²/litre/coat. Whilst the second coat is still tacky, blind with clean sharp sand to give protection against foot traffic and provide a key for the subsequent screed. Ensure that the membrane is taken up the walls to marry with the damp proof course (DPC) and that the dried film is not punctured or damaged. Lay the screed to a minimum 50 mm thickness and allow to dry thoroughly before laying floor covering.

Surface Treatment to existing floors: Apply a priming coat @ 7.5m² per litre by diluting 1 part RocCoat RBE 15X with 6 parts clean, cold water. Allow to dry thoroughly. Apply 2 coats RocCoat RBE 15X @ 1m² /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. Watch-point: Floor coverings containing high amounts of solvent or plasticiser should not be laid over RocCoat RBE 15X.

TYPICAL PROPERTIES

Appearance	Dark brown liquid
Density ASTM D 1475	1±0.05 @25°C
Rubber Content %	10 on the dried film. ASTM D 1644
Drying time	60 minutes
Solid Content, [%]	65 ASTM D 2939
VOV(g/l) ASTMD396 0/d2369	Less than 50
Elongation, [%]	> 500 ASTM D 412

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Product representative or visit our website for current technical data and instructions.

Disclaimer

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer? Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and CIL makes no claim that these tests or any other tests, accurately represent all environments.

PACKING & STORAGE

RocCoat RBE 15X is supplied in 15 & 200 litre units. Store in shaded warehouses away from heat, humidity or moisture. Shelf life will be 12 months.

HEALTH & SAFETY

As with all **CIL** chemical products, care should be taken to avoid contact with skin, eyes, mouth and foodstuffs. Treat splashes to eyes and skin immediately, by thorough washing with clean water. If ingested seek medical attention.

OTHER PRODUCTS AVAILABLE FROM CIL.

- ▶ **RocCoat RBE-10X** - Rubberised bitumen emulsion, Flexible vapor proof membrane.
- ▶ **RocCoat SBX** - Solvent based bitumen coating and primer.
- ▶ **RocCoat WBX** - Emulsified bitumen protective coating.

CHEMCON INTERNATIONAL LLC

P: 12360, Thoban Fujairah, United Arab Emirates T : +971 6 882 0024
E : info@chemconinternational.com W : www.chemconinternational.com