

CRES® COAT RBE 4010

Rubberized bitumen emulsion

CRES COAT RBE 4010 is a ready to use cold applied bitumen emulsion modified with rubber latex, to provide a tough durable and elastic coating. The cured film is weatherproof and resistant to aggressive ground salts.

USES

- Tanking, concrete, brick foundation, retaining wall, bridge abutments, basements, columns etc.
- Damp proof membrane in sandwich construction.
- Adhesion for bonding wooden flooring, insulation board, expanded polystyrene PVC and cork tiles etc.
- Curing membrane cum protective coating for sub structure.

ADVANTAGES

- Excellent adhesion to most building substrates.
- Single component, non-flammable and easy to apply tough impermeable film with good resistance to rupture during back filling.
- Resist attack from chloride and sulphate ions, excellent resistance to extreme of temperature, avoiding risk of flow or embrittlement.
- Sufficient elasticity to accommodate small movements and hairline cracks.
- Suitable for application into damp and dry surfaces.
- Forms a tough, elastic and seamless coating upon drying.
- Can be applied on vertical and horizontal surface

SURFACE PREPARATION

Surfaces should be sound. Clean and free from contaminants loosely adhering particles such as cement, laitance, rust scales etc. should be removed by suitable means.



TECHNICAL PROPERTIES

Description	Value	Standard
Colour	Brown Liquid	-
Specific gravity @25°C	1.0 (±0.02)	ASTM D2939
Solid content, %	40 (±2)	ASTM D2939
Rubber Content, %	~10	ASTM D297
Drying Time @25°C	1-2 hours(Touch Dry)	-
Flash Point	Non-Flammable	-
Over coating Time	4 Hrs. Min. these limits will extended under low temperature or high humidity.	-
Service Temperature, °C	-5 to 75	-
Tensile Strength, @MPa	>0.2	ASTM D412-16
Elongation, %	>175	ASTM D412-16

All values given are subject to 5-10% tolerance.

CRES COAT RBE 4010 confirms to the requirement of ASTM D 1227 - Type III, class 1 & ASTM C309.

The drying time depends on the type of substrate, temperature, humidity and thickness.

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APPLICATION

It can be applied by brush, squeegee or spray. When spraying it is advisable to dilute the product with 10% clean water. Hot dry or very porous substrates should be dampened with clean water prior to application of **CRES COAT RBE 4010**. A priming coat with it and cool clean water in equal proportions is also recommended for hot, dry & porous concreted substrates. When two or more coats are required, it is important that the preceding coat is fully dry before the successive coat is applied. Coat should be brushed at right angle to each other. When screed or render is applied on to the coating, the final coat should be blind deal with clean sharp sand and allowed to dry. Brush off excessive sand prior to applying the screed or render.

It must be stirred well before use. If a primer coat is applied, allow it to dry completely before applying subsequent coats. Each coat must be allowed to dry before.

Do not apply it to outside areas in wet weather or when rain is expected. Protect freshly applied product from rain until it's fully cured.

COVERAGE

Depending on the dry film thickness required, apply the rubberized bitumen coating at 1–4 m²/L/coat.

Damp Proof Membrane/Vapor barrier :

Apply two coats at 3-4 m² /L/coat.

General Use :

Apply two coats at 1.0 – 2.0m²/L/coat.

Curing Membrane :

Apply two coats at 5-6m²/L/coat.

CLEANING

Clean tools immediately after use in a strong soap solution. Keep brushes soaking in this solution between applications. Hardened it needs physical scraping followed with treatment in white spirit.

STORAGE

CRES COAT RBE 4010 must be stored in a covered area, away from direct sunlight and protected from extreme temperature.

PACKING

CRES COAT RBE 4010 is supplied in 200 liter drum, 20 liter and 15 liter pail.

SHELF LIFE

Keep away from direct sunlight and store under normal warehouse conditions. Container must be tightly closed. Shelf life of this product is 12 months from the date of manufacturing.

HEALTH AND SAFETY

It is non-hazardous and non-flammable emulsion. Always wear hand gloves, safety shoes and safety goggles while using and handling this product. Avoid contact with skin and eyes. When contact with eyes, wash with plenty of water and seek medical facilities immediately.

Product Disclaimer:

Kanz chemical Ind. LLC products are guaranteed against defective materials and are sold subject to standard terms and condition of sale, copies of which are available on request which are reasonable. All recommendations regarding the use of product are made without guarantee since the conditions of use are beyond the company's direct control. It is the customer's responsibility to ensure each product is fit for the purpose for which they intend to use it. Furthermore the specifications and description herein cannot be used to void a contract.

*Refer material safety data sheet (MSDS) for further information.