

A bitumen emulsion with a high build and rubberized properties.

KITOCOAT RBE 15



Al Khalidiya
Water Proofing & Insulation Co. LLC

Description

KITOCOAT RBE 15 is a high build emulsified rubber-modified bitumen coating, engineered to provide a resilient, durable, and flexible finish. The cured film is weatherproof and resistant to corrosive ground salts.

Uses

KITOCOAT RBE 15: A flexible, high-build bitumen coating for waterproofing, adhesion, and protection in construction.

- » Ideal for tanking, waterproofing concrete, brick foundations, retaining walls, bridge abutments, basements, columns, wet areas, and more.
- » Acts as a damp-proof membrane in sandwich construction and a vapor seal.
- » Provides strong adhesion for bonding wooden flooring, insulation boards, expanded polystyrene, PVC, cork tiles, etc.
- » Serves as a curing membrane cum protective coating for substructures.
- » Functions as a curing compound on freshly cast concrete structures.
- » Acts as a damp-proof membrane in sandwich constructions.
- » Functions as a vapor-proof barrier coating for interior and exterior floors and walls.

Advantages

- » Easily applied with a cold application process.
- » Demonstrates outstanding adhesion properties.
- » Single-component formulation for straightforward application.
- » Offers the dual benefits of curing and protecting concrete surfaces.
- » Non-hazardous composition.
- » Resistant to chemicals, including chlorides and sulfate ions.
- » Applicable in closed or confined areas, showcasing flexibility.
- » Possesses sufficient elasticity to accommodate small movements and hairline cracks.
- » Forms a robust, elastic, and seamless coating upon drying.

Properties

Values

Color	Brown liquid dries black
Flash Point	Non flammable
Solid Content, [%]	35% (±2) [ASTM D 2939]
Rubber Content, [%]	15% on dried film
Specific Gravity[g/cc]	1.0 ±.02[ASTM D 2939]
Application temp [°C]	5 to 50
Drying time [min]	2-3 hours at 30°C
Service Temperature	-5°C to 75 °C
Adhesion to concrete	Excellent
Elongation, [%]	>300 [ASTM D 412]
VOC [g/l]	< 50 [ASTM D 3960] / D 2369

All values given are subject to 5-10% tolerance

Method of Application

SURFACE PREPARATION

Ensure surfaces are sound, stable, and have an even finish. Clean thoroughly, removing dirt, dust, grease, and repairing cracks and holes before application of KITOCOAT RBE 15. Apply using a brush, squeegee, or spray. Thoroughly mix container contents, with occasional stirring during application. When spraying, dilute the product with 10% clean water. For hot or very dry porous surfaces, dampen with KITOPRIME WB before KITOCOAT RBE 15. Recommend a two-coat application, with the second coat perpendicular to the first, ensuring each coat is fully dry before the next. When screed or render is applied, the final coat should be blinded with clean sharp sand and allowed to DRY. BRUSH OFF EXCESSIVE SAND PRIOR TO APPLYING the screed or render. If a primer coat is applied, allow it to dry completely before applying subsequent coats.

Allow each coat to dry before proceeding.

Avoid applying KITOCOAT RBE 15 to exterior areas during wet weather or anticipated rain. Safeguard the freshly applied product from rain until it has fully cured.

Coverage

The coverage varies based on the intended use. For general applications, the recommended coverage is 2-4 m²/L/coat, applying the required number of coats.

Shelf life

KITOCOAT RBE 15 maintains a shelf life of 12 months when stored in sealed original containers under cover, away from direct sunlight, and protected from extreme temperatures.

Packing

Available in 200 kg drums and 20 kg pails for convenient packaging options.

Cleaning

After use, clean tools promptly with water, and upon drying, use a solvent for thorough cleaning.



Storage

Store drums and pails in a covered area, shielded from direct sunlight, and protected from extreme temperatures.

Prolonged exposure to sunlight and UV rays can lead to product deterioration, reducing its shelf life.

Health & Safety

The emulsion is non-hazardous and non-flammable. Avoid prolonged skin contact and wear protective gear for hands and eyes. Clean skin splashes with soap and water. If in contact with eyes, rinse thoroughly with clean water. Wear protective clothing like gloves and goggles.

In case of accidental ingestion (swallowed), do not induce vomiting; seek medical help immediately.

Product Disclaimer:

Kito products are guaranteed against defects in materials and manufacturing, and their sale is governed by our standard Conditions for the Supply of Goods and Services. The technical information provided has been meticulously compiled, and to the best of our knowledge, it is accurate and true as of the leaflet's printing date. However, continuous development efforts may lead to variations based on factors such as raw material availability, client specifications, and environmental conditions. The actual technical specifications may differ from those outlined herein, as we reserve the right to make changes, modifications, or improvements without prior notice.

All recommendations and suggestions are made in good faith and are intended for general guidance only. We do not imply or provide any warranty regarding application, as conditions of use and associated labor are outside our control.



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