

KITOCOAT RBE 6010



Al Khalidiya
Water Proofing & Insulation Co. LLC

Description

KITOCOAT RBE 6010 is a high-build emulsified rubber bitumen coating designed to deliver a robust, durable, and elastic finish. The cured film is weatherproof and resistant to aggressive ground salts.

Uses

KITOCOAT RBE 6010: High-build emulsified rubber bitumen coating for tanking, waterproofing, adhesion, and protective applications. Weatherproof, elastic, and resistant to aggressive elements.

- » Waterproofing and tanking applications for concrete, brick foundations, retaining walls, bridge abutments, basements, columns, wet areas, etc.
- » Utilized as a damp-proof membrane in sandwich construction, providing a vapor seal.
- » Acts as an adhesive for bonding wooden flooring, insulation board, expanded polystyrene, PVC, cork tiles, etc.
- » Functions as a curing membrane cum protective coating for substructures.
- » Used as a curing compound on freshly cast concrete structures.
- » Employed as a damp-proof membrane in sandwich constructions.
- » Applied as a vapor-proof barrier coating for both interior and exterior floors and walls.

Advantages

- » Cold application for easy use.
- » Exceptional adhesion properties.
- » Single-component application for simplicity.
- » Dual benefits of curing and concrete protection.
- » Non-hazardous formulation.
- » Resistant to chemicals like chlorides and sulphates ions.
- » Applicable in closed or confined spaces with flexibility.
- » Adequate elasticity to accommodate slight movements and hairline cracks.
- » Results in a robust, elastic, and seamless coating upon drying.

Properties	Values
Color	Brown liquid dries black
Flash Point	Non flammable
Solid Content, [%]	45% (±2) [ASTM D 2939]
Rubber Content, [%]	10% 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, [%]	>500 [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 firm, stable, and possess a uniform finish. Clean thoroughly, eliminating dirt, dust, loose debris, grease, and repairing cracks and holes before applying KITOCOAT RBE 6010.

Utilize a brush, squeegee, or spray for application. Mix container contents thoroughly before use, stirring occasionally during application. When using a spray method, dilute the product with 10% clean water. In cases of hot or excessively dry porous surfaces, dampen with KITOPRIME WB before applying KITOCOAT RBE 6010. Employ a two-coat application, with the second coat perpendicular to the first. Ensure the preceding coat is completely dry before applying the successive coat. If screed or render follows the coating, the final coat should include clean sharp sand, allowed to dry. Brush off excess sand before applying the screed or render. For primer application, allow complete drying before proceeding with subsequent coats. Each coat requires thorough drying before progression.

Avoid applying KITOCOAT RBE 6010 in wet conditions or rain. Safeguard the newly applied coating from rain until it has fully cured.

Coverage

Coverage for KITOCOAT RBE 6010 varies based on usage: General Use is 1-2 m²/L/coat at the necessary number of coats.

Shelf Life

The shelf life of KITOCOAT RBE 6010 is 12 months in sealed original containers, provided they are stored under cover, away from direct sunlight, and protected from extreme temperatures.

Packing

KITOCOAT RBE 6010 is available in a 200 Kg drum and a 20 Kg pail.

Cleaning

Clean tools immediately after use with water. Additionally, upon drying, use solvent if needed.



Storage

The drums and pails must be stored in a covered area, away from direct sunlight, and protected from extreme temperatures.

Excessive exposure to sunlight and UV will result in the deterioration of the product and reduce its shelf life.

Health & Safety

It is a non-hazardous and non-flammable emulsion. Avoid prolonged contact with skin. Wear protective gear for hands and eyes. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. Protective clothing such as gloves and goggles should be worn. If accidentally swallowed, do not induce vomiting. Call for 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.



Al Khalidiya Waterproofing & Insulation Co. LLC

P.O. Box. 72778, Musaffah M/14, Abu Dhabi, UAE

Tel: (+971) 2554 9975

Fax: (+971) 2555 3841