

KITOCOAT RBE 6510



Al Khalidiya
Water Proofing & Insulation Co. LLC

Description

KITOCOAT RBE 6510 is a high build emulsified rubber-modified bitumen coating, engineered to deliver a tough, durable, and elastic finish. The cured film is weatherproof and resistant to aggressive ground salts.

Uses

Tough, weatherproof coating for durability in challenging conditions. Ideal for waterproofing and protecting surfaces from aggressive ground salts.

- » Waterproofing applications for concrete structures, brick foundations, retaining walls, bridge abutments, basements, columns, and wet areas.
- » Providing a vapor seal and acting as a damp-proof membrane in sandwich construction.
- » Bonding agent for various materials, including wooden flooring, insulation board, expanded polystyrene PVC, and cork tiles.
- » Serving as a curing membrane and protective coating for substructures.
- » Application as a curing compound on newly cast concrete structures.
- » Acting as a damp-proof membrane in sandwich constructions.
- » Serving as a vapor-proof barrier coating for both interior and exterior floors and walls.

Advantages

- » Easily applied in cold conditions.
- » Demonstrates excellent adhesion.
- » Single-component application for simplicity.
- » Dual advantage of both curing and protecting concrete.
- » Non-hazardous formulation.
- » Resistant to chemicals, including chlorides and sulphates ions.
- » Applicable in closed or confined spaces.
- » Sufficient elasticity to accommodate small movements and hairline cracks.
- » Forms a tough, elastic, and seamless coating upon drying.

Properties	Values
Color	Brown liquid dries black
Flash Point	Non flammable
Solid Content, [%]	65% (±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, [%]	>600 [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

To ensure optimal performance, surfaces must be sound, stable, and possess an even finish. Remove any dirt, dust, loose debris, grease, cracks, and holes before applying KITOCOAT RBE 6510.

Application methods include brush, squeegee, or spray. Thoroughly mix container contents, occasionally stirring during application. When spraying, dilute the product with 10% clean water. For hot or porous surfaces, dampen with KITOPRIME WB before applying KITOCOAT RBE 6510. It is recommended to apply two coats, with the second perpendicular to the first. Ensure each preceding coat is fully dry before applying the next. When screed or render is applied onto the coating, the final coat should include clean sharp sand, allowed to dry before applying screed or render. If a primer coat is used, ensure complete drying before subsequent coats. Each coat must be allowed to dry before progressing.

Avoid applying KITOCOAT RBE 6510 to outdoor areas during wet weather or when rain is anticipated. Shield the freshly applied product from rain until it has fully cured.

Coverage

The coverage varies based on the intended use: General use requires 2-4 m²/L/coat with the necessary number of coats.

Shelf Life

KITOCOAT RBE 6510 has a shelf life of 12 months in sealed original containers when stored under cover, out of direct sunlight, and protected from extreme temperatures.

Packing

The product is available in 200 kg drums and 20 kg pails.

Cleaning

After use, promptly clean tools with water. For drying, utilize a solvent.



Storage

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

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

Health & Safety

The emulsion is non-hazardous and non-flammable. Avoid prolonged skin contact; use protective gear for hands and eyes. Clean skin splashes with soap and water. In case of eye contact, wash thoroughly with clean water.

Wear gloves and goggles, and in case of accidental ingestion, do not induce vomiting; seek immediate medical assistance.

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

AN ISO 14001:2015, 45001:2018,
9001:2015 CERTIFIED COMPANY