



# KITOCOAT RBE 10

## Description

KITOCOAT RBE 10 stands as a high-build emulsified rubber-modified bitumen coating, engineered to furnish a robust, enduring, and flexible coating. The resulting cured film exhibits weather resistance and resilience against corrosive ground salts.

## Uses

KITOCOAT RBE 10 finds versatile applications, serving as a protective coating for roofing, waterproofing, infrastructure maintenance, corrosion resistance, industrial flooring, tank and pipeline protection, road surface enhancements, and sealing/joint filling in construction projects.

## Advantages

- » Tanking and waterproofing applications cover concrete, brick foundations, retaining walls, bridge abutments, basements, columns, and wet areas.
- » Acts as a damp-proof membrane in sandwich construction, providing a vapor seal.
- » Offers adhesion for bonding various materials, including wooden flooring, insulation board, expanded polystyrene, PVC, and cork tiles.
- » Functions as a curing membrane cum protective coating for substructures.
- » Serves as a curing compound for freshly cast concrete structures.
- » Acts as a damp-proof membrane in sandwich constructions.
- » Provides a vapor-proof barrier coating for both interior and exterior floors and walls.
- » Waterproofs and tanks structures like foundations, walls, and basements.
- » Functions as a damp-proof membrane and vapor seal in sandwich constructions.
- » Adheres securely for bonding various materials, including wood, insulation, and tiles.
- » Acts as a curing membrane for substructures and freshly cast concrete.
- » Provides damp-proofing in sandwich constructions and vapor-proof barrier coating for floors and walls.
- » Enhances durability in wet areas, bridges, and columns, resisting environmental elements.

## Properties

## Values

|                        |                             |
|------------------------|-----------------------------|
| Color                  | Brown liquid dries black    |
| Flash Point            | Non flammable               |
| Solid Content, [%]     | 35% (±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, [%]        | >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 solid, stable, and evenly finished. Clean thoroughly, addressing dirt, dust, debris, grease, and repairing cracks and holes before applying KITOCOAT RBE 10.

Use brush, squeegee, or spray application. Mix container contents well, occasionally stirring during application. Dilute for spraying with 10% clean water. Dampen hot or porous surfaces with KITO-PRIME WB before applying KITOCOAT RBE 10. Apply two coats, with the second perpendicular to the first, ensuring each coat is fully dry before the next. When applying screed or render over the coating, blind the final coat with clean sharp sand, allowing it to dry. Brush off excess sand before applying screed or render. If using a primer coat, let it dry completely before subsequent coats. Allow each coat to dry before proceeding.

Avoid applying KITOCOAT RBE 10 in outdoor areas during wet weather or expected rain. Protect the freshly applied product from rain until it is fully cured.

## Coverage

The coverage differs based on the type of use:

General Use: 2-4 m<sup>2</sup>/L/coat with the required number of coats.

## Shelf Life

KITOCOAT RBE 10 maintains a shelf life of 12 months when stored in sealed original containers, under cover, away from direct sunlight, and shielded from extreme temperatures.

## Packing

A 200 kg drum and a 20 kg pail are two available packaging options.

## Cleaning

Immediately clean tools with water after use, and upon drying, use a solvent.



## Storage

Store the drums and pails in a covered area, shielded from direct sunlight, and protected from extreme temperatures. Prolonged exposure to sunlight and UV rays can cause product deterioration, leading to a reduction in shelf life.

## Health & Safety

The emulsion is non-hazardous and non-flammable. Avoid prolonged skin contact and wear protective gear for hands and eyes. If splashes occur on the skin, wash with soap and water. In case of eye contact, rinse thoroughly with clean water. Protective clothing, including gloves and goggles, should be worn. If accidentally 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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