



KITOPRIME SB

Description

KITOPRIME SB, a bituminous liquid, effectively seals porous surfaces like concrete and enhances the adhesion of bituminous materials to the substrate. We highly recommend utilizing KITOPRIME SB for all membrane applications. Compliant with ASTM D 41, this solvent-based primer penetrates and coats the concrete surface, sealing its pores. Upon drying, it forms a fine layer of bitumen, facilitating superior bonding between membranes and the substrate.

Standard

"Compliant with ASTM D 41"

Charateristics

- » Cold applied for ease of use,
- » Enhances adhesion of bitumen-based sheet membranes and coatings,
- » Anti-corrosive properties,
- » Acts as a binder for dust particles,
- » Optimally penetrates surface pores, pinholes, cracks, etc.,
- » Provides exceptional adhesion and bonding between membranes and substrate.

Uses

KITOPRIME SB serves as a versatile primer for both concrete and bricks, applied as a foundational coat prior to the application of any modified bitumen membranes

Method of Application

The application temperature should range between 5°C to 45°C. Application procedures may vary slightly depending on site conditions. The general recommended guidelines for primer application are as follows

SURFACE PREPARATION:

Before applying Ki toprime SB, ensure the surface is dry. Thoroughly clean the surface of all contaminants such as dust, traces of curing compound, oil, and grease. Remove and repair all surface imperfections, nail head protrusions, structurally unsound, and friable concrete.

APPLICATION:

Before use, thoroughly stir Kitoprime SB. Apply the primer evenly to the substrate using a brush or roller. Ensure the primer is completely dry to the touch ("tack-free") before applying the membrane.

Any area that appears lighter should be recoated with primer. Application should cover both vertical and horizontal surfaces. Allow the primer to dry completely before applying the membrane. For highly porous surfaces, applying a second coat is recommended.

Properties	Values	Test Standard
Color	Black	-
Density, [g/cc]	0.85 - 0.95	ASTM D 1475
Solid content, [% by wt]	>40	ASTM D 1644
Flash point, COC, °C	>= 40	ASTM D 92
Water content, vol %	<0.05	ASTM D 95
Penetration @ 25°C, 100gm, 5 sec	20-50	ASTM D 5
Solubility in trichloroethylene, %	Not less than 99	ASTM D 4
Applications temperature, [°C]	5 to 45	-

Coverage

The coverage is estimated to be 4-6 m²/L/coat. However, actual coverage may vary depending on the porosity of the substrate. To determine the precise coverage, a trial application should be conducted on-site.

Drying Time

The drying time is approximately 2 hours, with a variance of ± 1 hour based on local weather conditions at the time of application.

Shelf Life

The shelf life of the product is up to 12 months when stored in unopened condition and in accordance with the recommended storage guidelines.

Packaging

20 Kg Pail & 200 Kg Drum

Cleaning

Clean all tools promptly after use with clean water. For hardened materials, employ white spirit or hydrocarbon solvents.

Storage

The pails and drums must be stored in a covered area, shielded from direct sunlight, UV rays, and other heat sources.



Health & Safety

Keep away from naked flames or direct heat. KITOPRIME SB contains volatile solvents with a relatively low flash point. Avoid inhaling vapors and ensure there is adequate ventilation in the work-place. Wear protective gear for hands and eyes. Clean any splashes on the skin promptly with soap and water. In case of contact with eyes, thoroughly rinse with clean water. Wear protective clothing such as gloves and goggles. If accidentally swallowed, do not induce vomiting; seek medical assistance 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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