

CIKOpriMer SB

Solvent based bituminous primer/coating

Description

CIKOpriMer SB is a solvent based bituminous protective coating for horizontal and vertical applications on concrete, mortar, cement block masonry and metal surfaces.

CIKOpriMer SB is formulated using special grade of bitumen and other additives to form a tough seamless coating after curing on exposure to atmosphere.

Properties

- Cold applied single component system.
- Easy to apply by brush, roller or spray.
- Penetrates deep into the porous surface and seals.
- Provides excellent bond strength against wide range of substrates.

Applicable standards

- CIKOpriMer SB complies with the specification of ASTM D-41.
- Complies with Qatar Construction Specifications QCS.

Application area

- As a primer coat on porous substrates prior installation of bitumen based top coats.
- As a primer for bituminous sheet membrane and build up waterproofing system.
- As a damp-proof coating.

Physical properties

Form	Viscous liquid
Colour	Dark brown
Solids	55±5%
Specific gravity	0.92±0.015 @ 25 ⁰ C
Drying time	4 – 6 hours @ 25 ⁰ C

Service temperature	+2 ⁰ C to +80 ⁰ C
Chemical resistance	Resistance to water, aqueous salt solutions, common detergent solution, mild mineral acid and alkali solutions

Coverage

Each litre of CIKOpriMer SB provides coverage as follows.

200 microns wet film thickness per coat	5.0 m ²
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Note: Coverage rate may vary depending on substrate condition and finish.

Application instructions

Surface preparation

The substrate shall be free from all loosely adhered particles, efflorescence, dust, oil, grease or any other contamination. In case of oil spillage, proper treatment should be carried out on the surface. All pot holes and wider cracks must be repaired using suitable material.

Metal Surface:

Wire brush to remove rust, mildew and loose paint. In case of corroded surfaces, proper priming shall be done with a primer.

Mixing

CIKOpriMer SB is a single component system and requires only slight mixing using a slow speed drill-paddle assembly.

Application method

Apply CIKOpriMer SB on properly cleaned surface using brush, roller or spray at the rate of 5.0 m² per litre per coat and allow drying for 12 - 24 hours prior application of second coat. Care should be taken to coat the surface without leaving any gap. In similar way, apply second of CIKOpriMer SB over first coat at the rate of 5.0 m² per litre.

Packaging

CIKOPrimer SB is available in 15litre pails and 200 litre drums.

Shelf life

CIKOPrimer SB has a shelf life of 12 months in un- opened pails or drums and stored in accordance with manufacturer instructions.

Storage

CIKOPrimer SB should be stored under enclosed shaded area at temperatures below 30°C.

Precautions

- Not to use over standing water.
- The application temperature must be between 5 – 40°C.

Health & safety

CIKOPrimer SB should not come in contact with eyes or be swallowed. Applicator should wear appropriate clothes, gloves and goggles. Use of barrier cream is recommended to provide additional skin protection. If comes in contact with eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

Technical Support

For further technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Concrete repair materials
- Adhesives and bonding agent
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries