

CIKOpriemer WB

Emulsified water based bituminous primer

Description

CIKOpriemer WB is water based emulsified bituminous protective coating for horizontal and vertical applications on concrete, mortar, cement block masonry and non-rusting metallic surfaces.

It is highly penetrative and exhibit excellent bonding properties to substrates.

Properties

- Cold applied single component system.
- Easy to apply by brush, roller or spray and economical.
- Can be applied on damp surfaces.
- Penetrates deep into the porous surface and seals.
- Provides excellent adhesion bond strength against wide range of substrates.
- Water based non-flammable material

Application area

- As a primer coat on porous substrates prior installation of bitumen based topcoats.
- As a primer for build-up waterproofing systems.
- As a damp-proof coating.

Applicable standards

- CIKOpriemer WB complies with ASTM D 1227 Type III Class1, build-up waterproofing system.
- Complies with Qatar Construction Specifications QCS.

Physical properties

Form	Viscous liquid
Colour	Dark Brown

Solids	25±5 % by weight
Specific gravity	1.01±0.01 @ 25 ⁰ C
Application Temperature	+5 ⁰ C to +45 ⁰ C
Drying time @ 25 ⁰ C	Approx. 4-6 hours
Service Temperature	+2 ⁰ C to +80 ⁰ C
VOC (USEPA 24)	<5g/L

Coverage

Each litre of CIKOpriemer WB will cover 5 - 8 m² per liter depending on substrate condition and method of application.

Application instructions

Surface preparation

Clean the substrate to make it free from all loose particles, dust, oil, grease etc. In case of oil spillage, proper treatment should be carried out to treat the surface. All pot holes, honeycombs and wider cracks shall 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

Single component system; does not need any other ingredient to mix. Stir well before use.

Application method

Apply CIKOpriemer WB 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 to application of second coat. Care should be taken to coat the surface without leaving any gap. In similar way,

Apply second coat of CIKOprimer WB over first coat at the rate of 5.0 m² per litre.

Packaging

CIKOprimer WB is available in 15 litre pails and 200 litre drums.

Shelf life

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

Storage

CIKOprimer WB should be stored under enclosed shaded area at temperatures between 5 – 35°C.

Precautions

- Not to use over standing water.

Health & safety

CIKOprimer WB 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 any 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