

Cicobitumen®FB

High Build Fiber Modified Bitumen Emulsion Protective Coating

DESCRIPTION

Cicobitumen®FB is a one component water based bitumen emulsion modified with fiber that obtains a thick damp proof protective coating when applied. It creates a continuous barrier to the passage of water and water vapor. It dries quickly and acts as a protective and curing material for concrete, cementitious substrates, masonry, and brick walls. Cicobitumen®FB can be used under cladding works for facades. Cicobitumen®FB can be used as a curing compound for underground concrete (like foundations) if coated just after the final set of the concrete takes place, and thus Cicobitumen®FB gives a free cost save for the project.

USES

- Thick waterproofing layer for wet areas like balconies, terraces, toilets, and kitchens.
- For all cladding works under marble and metal sections finishing.
- High build waterproofing for foundations and all underground works.
- External waterproofing for concrete pipes.
- As a curing agent for underground concrete.
- As a primer for all reinforced bituminous membrane isolation systems.

ADVANTAGES

- Gives a thick layer in one application.
- Good adhesion to most construction substrates.
- Non-Flammable. Safe, as it is water based.
- Can be applied over green concrete and damp surfaces.
- Asbestos free
- Easy to apply, one component.
- Fast drying.

- Economical, especially if used as a curing and damp proof agent at a time.
- Resists chloride ion and sulfates attack.
- Reflects sunlight and heat.
- Good elastic properties.

STANDARD COMPLIANCE

ASTM D 4479, ASTM D1227 type II, and ASTM C309 Water retention requirement as a curing compound.

PACKAGING

20 liter pail & 200 liter drums

SHELF LIFE & STORAGE

12 months storage life if stored in its original unopened containers under a dry and shaded place in a temperature from 5°C to 45°C.

TECHNICAL PROPERTIES

Form	Thick Dark Brown Liquid
Drying film color	Black
Density @ 25°C	1.00±0.02 kg/ltr
Bitumen content	≥62%
Drying time @ 25°C	60±5 min.
Overcoating time @ 25°C	6 hr.±15 min.
Coverage	2 m ² /ltr @300 micron DFT

The applicable dry film thickness (DFT) of the products starts from 300 micron and can be built up to 1200 micron in one go without sagging on vertical substrates.

APPLICATION INSTRUCTIONS

Surface Preparation

The surface to be treated must be sound, clean, and free from contamination such as oil and grease. Cicosurface®Degreaser can be used to remove oil and grease from the substrate.

Application

Cicobitumen®FB should be stirred well before use. Apply evenly with a brush or roller. Two coats are recommended (in case a high build layer is required, more coats should be applied). Cicobitumen®FB can be applied on damp and green concrete.

CLEANING

Cicobitumen®FB can be removed from tools and equipment with water as long as it is wet. Hard dry film can be removed using Cicosolvent® or other proper hand tools.

PRECAUTIONS

Health And Safety

Cicobitumen®FB is non-hazardous. It should not be swallowed or allowed to come into direct contact with skin or eyes. Suitable protective goggles and gloves should be worn. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

TECHNICAL SUPPORT

CIC provides on-site assistance and consulting services on projects when requested. Technical data sheets on other CIC products and guidance on their use are available on request.

Warranty

CIC products are guaranteed against defective materials and manufacture and sold subject to CIC's standard terms and conditions of sale. Whilst CIC endeavors to ensure that any advice, information or recommendation given is correct, the company cannot accept any liability either directly or indirectly arising from the use of its products. User of the product must test the product's suitability for the intended application and purpose, since the company has no control over the application of its products. Information contained in this document is given on the best current knowledge. Our Products are in continuous development and CIC reserves the right to change the product without prior notice.

