

MONNELI ASFABIT RBL⁺

Rubberized Bitumen Emulsion

Product Description

A cold applied rubberized bitumen emulsion in dark brown color that, when dries, it forms tough black seamless and flexible coating.

Uses

ASFABIT RBL⁺ can be used as follows:

- Provides a sandwich membrane between screed flooring.
- A waterproofing coat for concrete foundations, bricks, retaining walls, etc.
- It can be used to waterproof walls and floors in wet areas.
- For maintenance of many types of roofs including built up felt, aluminum, concrete, lightweight screed, timber, slate, asbestos, bitumen sheets, etc.
- As a vapour/salt barrier for exterior walls to building facades behind granite, marble, stone, cladding, curtain walls, etc.
- Can be used as adhesive for insulation boards and expanded polystyrene.
- As curing compound for freshly cast concrete

Advantages

- Economical
- Water based with excellent adhesion
- Non-flammable
- Easily applied by brush or squeegee.
- Excellent resistant to alkalis, mild acids, chlorine
- Compatible with all bituminous products
- Resistant to chlorides and sulfates

Instructions for Use

Surface Preparation

The surface of the concrete shall be sound, clean and uncontaminated.

This preparation shall be such as to leave a sound exposed concrete surface free from dust, loose particles and any deleterious matter. If the concrete surface is defective or has laitance, it must be cut back to a sound base.

Moss and lichen must be removed physically followed by treatment with fungicidal wash. After treatment, it must be washed down thoroughly with clean water and allow to dry.

Priming

Hot, very dry or porous surfaces should be primed before applying ASFABIT RBL⁺.

Mixing

ASFABIT RBL⁺ should be stirred before use until a uniform color and consistency is achieved. Product is ready for use.

Application

For waterproofing underground structures, the bituminous emulsion shall be applied by brush or roller depending on the dry film thickness required. 300micron dry film thickness (DFT) can be achieved when applied at 3m² /Lt/coat. The two coats must be applied at right angles to one another with a minimum of 6hours intervals between each application at 35°C. Ensure that coat is completely dry before the next coat is applied.

Cleaning

ASFABIT RBL⁺ products should be removed from tools, equipment and mixers with clean water prior to the initial set. Cured material can only be removed mechanically.

Recommendation

- Do not apply subsequent applications if the membrane is punctured or damaged.

Technical Data

Properties	Results
Appearance	Dark brown dries to seamless black coating
Density at 25°C	1.0 kg/L
VOC	30.0 g/L
Solid content	40% ± 2%
Rubber content	≥ 8%
Elongation	>400%
Water resistance	Good
Chloride resistance	Excellent
Flash point	Non-flammable
Application temperature	+5°C to +45°C
Service temperature	-5°C to +80°C

All values are subject to 5-10% tolerance

Applicable Standards

- ASTM D 1187, D 2939
- BS 8102
- ASTM D1227, Type II Class 2

Consumption

2 to 4 m² / liter

Packaging

ASFABIT RBL+ is packed in 200 Liter drums.

Storage

Should be stored under cover away from extreme heat or direct sunlight or frost. Shelf life is 12 months in tightly sealed containers if stored properly.

Health & Safety

ASFABIT RBL+ is non-flammable, non-hazardous product. However, proper measures should be taken during work to avoid contact with eyes or skin. In the event of contact with eyes, wash immediately with clean water and seek medical care.

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ASFABIT RBL+
Technical Data Sheet
Edition: June 2022
Revision: 03

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