

MONNELI ASFABIT RB⁺

Flexible, 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 RB⁺ can be used as follows:

- To provide a sandwich membrane between screed flooring
- A waterproofing coat for concrete foundations, bricks, retaining walls, etc.
- It can be used as a waterproofing for walls and floors including 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 vapor/ salt barrier for exterior walls to building facades behind granite, marble, stone, cladding, curtain walls, etc.

Advantages

- Water based with excellent adhesion
- Non-flammable
- Easily applied by brush or roller
- Excellent resistant to alkalis, mild acids, and chlorine
- Asbestos free, odorless. Can be applied in closed and confined spaces.
- Compatible with all bituminous products
- Environmentally friendly. Contains no solvents, no health hazards

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 RB⁺.

Mixing

ASFABIT RB⁺ 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. 300 micron 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 24 hours intervals between each application at 25°C. Each coat must be completely dry before the next coat is applied.

Cleaning

Clean the tools immediately after use with clean water. During work, it is recommended to place the tools in water while not in use. Cured material can 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	1.05 kg/L
Solid content	65% ± 2
Rubber content	5%
Elongation	>1000 %
Chemical resistance	Water, aqueous ground water, salt solutions, mild detergents, acids and alkalis
Flash point	Non-flammable
Application temperature	+5°C to +45°C
Service temperature	-10°C to +85°C

All values are subject to 5-10% tolerance

Applicable Standards

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

Consumption

2 to 4 m² / liter

Packaging

ASFABIT RB+ is packed in 200 Liter Drums.

Storage

ASFABIT RB+ should be stored under cover away from extreme heat, direct sunlight or frost. Shelf life is 12 months if stored tightly sealed containers under good storage conditions.

Health & Safety

ASFABIT RB+ 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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