

## MONNELI ASFABIT PRIME

*Quality Black Bitumen Primer*

### Product Description

A quick drying solvent based low viscosity bitumen primer. It is used as a primer coat on masonry and concrete substrates to improve the adhesion of bitumen based membranes and coatings.

It is low in viscosity, which allows it to penetrate into the concrete pores and improve the adhesion between the membrane and the concrete surface. In addition, the primer also acts as a binder for dust particles which gets accumulated on the concrete surface even after cleaning.

### Uses

ASFABIT PRIME can be used as follows:

- Used as a primer and sealer coat prior to the application of bitumen based waterproofing membranes and coatings.
- Used as a curing compound on freshly cast concrete bitumen primer provides effective waterproof, weatherproof, corrosion resistant protective coatings. It is resistant to low concentrations of alkalis and acids and can withstand prolonged oxidation.
- It is suitable for application to a wide variety of materials including iron and steel, lead, zinc, aluminum, asbestos, cement, concrete, stone, wood and felt.

### Advantages

- Improves the adhesion between bitumen based sheet membranes and coatings
- Cold applied, does not require heating
- Binder for dust particles
- Corrosion resistant
- Weatherproof and waterproof

### 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.

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#### Mixing

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

#### Application

##### **Concrete**

ASFABIT PRIME shall be applied by brush or roller at rate of 3-6 m<sup>2</sup>/Liter per coat depending on the porosity of the substrate. Each coat must be completely dry before the next coat is applied.

#### Cleaning

ASFABIT PRIME should be removed from tools, equipment and mixers with clean water prior to the initial set. Cured material can only be removed using SOLVENTE 10.

#### Recommendations

- Do not apply subsequent applications if the membrane is punctured or damaged
- Keep away from any source of ignition.

## Technical Data

Properties	Results
Appearance	black coating
Specific Gravity at 15°C	0.85-0.90
Solid Content	≥45%
Drying Time at 25°C	2 hours max.
Flash Point	≥35°C
Application temperature	+5°C to +35°C
Service temperature	-5°C to +80°C

All values are subject to 5-10 % tolerance

## Applicable Standards

- ASTM D 41 - Asphalt primer for roofing, damp proofing and waterproofing

## Consumption

3-6m<sup>2</sup>/Liter per coat depending on the porosity of the substrate

## Coverage

The generally recommended coverage rate for Asfabit Prime is Concrete (dependent on porosity) 3-6 m<sup>2</sup>/L per coat

## Packaging

ASFABIT PRIME is packed in 15 & 20 Liter pails and 200 Liter drums.

## Storage

Should be stored under cover away from extreme heat or direct sunlight and must be kept away from sources of ignition. Shelf life is minimum 12 months in tightly sealed unopened containers.

## Health & Safety

Avoid contact with skin and eyes. Use gloves and goggles during application. Ensure adequate ventilation and avoid inhalation of vapours.

ASFABIT PRIME contains flammable solvents. All the precautions must be foreseen for use of such kind of products. Use gloves and goggles to avoid the contact with eyes and skin.

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