

SiPrime D-41

Quality Black Bitumen Primer

Description

SiPrime D-41 is 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 to that, the primer also acts as a binder for the dust particles which get accumulated on the concrete surface even after cleaning.

Advantages

- Improves the adhesion between bitumen based sheet membranes and coatings
- Cold applied, does not require heating
- Binder for dust particles
- Anti corrosive & Conforms to the following standards
- ASTM D 41 - Asphalt primer for roofing, damp proofing and waterproofing

Application Procedure

It is used as a primer and sealer coat prior to the application of bitumen based waterproofing membranes and coatings. This can also be 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, felt and brick and is mainly used for metal protection.

Typical Properties

Specific Gravity at 15°C	0.85 - 0.90
Ford Cup # 4 Viscosity at 25°C	35-75 sec
Approx. Solids content W/W	≥ 45%
Drying time at 25°C	2 h Max
Flash Point (closed cup) Minimum	≥ 35°C
Saybolt Furol viscosity at 25°C,	25 to 125 s
Distillation, volume % of the primer:	
Up to 225°C (437°F),	not less than 35
Up to 360°C (680°F),	not more than 65
Penetration of Residue at 25°C (77°F), 100 g, 5 s	20 to 50

Coverage

The generally recommended coverage rate for **SiPrime D-41** is Mild Steel 4-6m²/L per coat - Concrete (dependent on porosity) 3-6 m²/L per coat

Packaging

SiPrime D-41 is available in 15 Ltr, 20 Ltr metal pails and 200 Ltr steel drums.

Storage

SiPrime D-41 contains a flammable solvent and all precautions against fire must be taken during both storage and use. Store in cool conditions. Keep away from sources of ignition.

Shelf Life

Minimum two years when stored in unopened containers according to the manufacturer's instructions.

Waterproofing