

ISOPRIME SB

Solvent Based Bitumen Primer

isoprime SB is a quick drying, solvent based bitumen primer when dry, the product forms an odorless and taints free bitumen film suitable for the protection of metals, concrete roofing, felt, fiber cement, corrugated iron, asphalt and wood against water attack. **isoprime SB** is a quick drying solvent based low viscosity bitumen primer. It is used as a primer on masonry and concrete substrates to improve the adhesion of bitumen based membranes and coatings.

isoprime SB 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 gets accumulated on the concrete surface even after cleaning.

isoprime SB confirms to requirements of ASTM D 41 - Asphalt primer for roofing, damp proofing and waterproofing and BS 3416, Type A Class C - Bitumen based coatings for cold application, suitable for use in contact with potable water.

CHARACTERISTICS

- Versatile bituminous primer for porous and non-porous surfaces.
- Cold applied.
- Rapid drying.
- Single component, easy to apply simple brush application.
- Seamless / joint free.
- Can be applied on vertical and horizontal surfaces.
- Improves the adhesion between bitumen based sheet membranes and coatings.
- Cold applied, does not require heating.
- Binder for dust particles.
- As a curing compound on freshly cast concrete.
- Excellent barrier against chloride and sulphate ion ingress and carbon dioxide diffusion.
- Anti corrosive.

AREA OF APPLICATION

isoprime SB 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.

TECHNICAL SPECIFICATION

Properties	Values
Color	Black
Form	Black liquid
Density, g/cc	0.85 ± 0.5
Solid content %	45 ± 5
Drying time, min	60
Application temp °C	5°C to 45°C
Service temp °C	-5°C to 75°C

COVERAGE

Minimum recommended coverage is 4-6 m²/l per coat depending on substrate porosity and condition.

STORAGE CONDITIONS

The drums must be stored in a covered area away from direct sunlight, UV and other source of heat.

PACKAGING & SHELF LIFE

ISO prime SB is available in 20 litres pail and 200 litres drum. The shelf life is 12 months.

Excessive exposure to sunlight and UV will result in the deterioration of the product

