

SOLSEAL Bitumen Primer



Solseal Bitumen Primer is a water-based solvent free asphaltic emulsion for priming and preparation of surfaces

- Highly penetrative.
- Strengthens porous substrates.
- Simple and rapid application.
- Provides Temporary waterproofing until subsequent coatings are applied.
- Adherence even on slightly wet surfaces.
- Does not contain solvents, ideal for preparation of surfaces in closed premises



Colour	Product Code	Container Size
Black Liquid	SOLSEALBP10	10 Litre
	SOLSEALBP25	25 Litre

SOLSEAL - Liquid Applied Systems

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Rev 2

Description

Solco Bitumen Primer is a liquid applied, low viscosity bitumen solution used to prime and seal porous substrates and promotes the adhesion of bituminous waterproofing systems prior to application of Solsheet Membranes and other bitumen coatings.

Suitable for applications such as:
Roofs, Internal Wet Areas, Floor Slabs, Basements and Tunnels.

It may be applied to a range of surfaces:

- Concrete & Asbestos Cement,
- Metals - Mild Steel, Zinc, Lead,
- Slate & Lightweight Concrete Screeds

Application

Apply using a wide nylon brush, sheep skin disposable rollers or airless spray.

Tools may be cleaned with white spirit. Major spillages should be mopped up immediately with an inert, absorbent material, such as sand, and disposed of in accordance with current regulations.

Installation

Care needs to be taken over preparation of surfaces before application to new concrete, screed or render. The surface should have a brushed or wood float finish, and should be free from contamination by any material which could impair adhesion. All surface defects should be repaired by approved methods. Protrusions greater than 3 mm should be removed

- Existing concrete, screed or render should be well prepared to provide a dense, defect free substrate.
- Brickwork, blockwork and masonry should be flush pointed.

On metal surfaces all loose rust should be removed using a wire brush and where advanced signs of corrosion are evident the area should be treated with a rust inhibitor.

Solseal Bitumen Primer may be applied to humid, damp or slightly wet surfaces. It is recommended to wet the surface in hot weather or when applied in direct sun shine. Brush the primer well into the surface and allow to dry fully prior to the application of the waterproofing membrane. Do not apply outdoors when raining or if there is risk of rain, or if the temperature is below 5deg

Storage Conditions

Containers must be kept sealed and stored under cover away from sources of heat and ignition. Do not allow water to contaminate the Product.

Coverage

The yield can be calculated between 150 g/m² and 350 g/m², depending on substrate porosity & conditions.

Coverages (typical)	
Dense Concrete	0.15 litres/m ²
Porous Concrete	0.25 litres/m ²
Lightweight Screed	0.5 litres/m ²
Metal Surfaces	0.15 litres/m ²

Technical Properties	
Density (25°C)	1.00 ± 0.02 g/cm ³
Evaporation residue	> 50 %
Viscosity 25°C	250 – 600 cps
Ash content (non-volatile matter)	< 1%
Water solubility	Total in liquid form; insoluble when dry film has formed
Superficial drying time at 25°C, 60% hr.	3-5 hours
Total drying time at 25°C, 60% hr.	< 24 hours
Toxicity	Nil
Flammability	Nil - no inflammable solvent content