

# BITUSEAL S41

## Solvent Based Bitumen Primer

### Description

**BITUSEAL S41** is a solvent-based bitumen coating, membrane forming curing and sealing compound based on specially formulated blend of bitumen, asphalt and selected polymers dissolved in quick drying solvent and wetting agents. **BITUSEAL S41** is used to prevent rapid evaporation of water from fresh concrete ensuring uniform hydration, adequate strength developments also reduce the plastic shrinkage cracks on concrete surfaces. It will act as a sealing coat in order to protect concrete surfaces from the attack of water borne salts and atmospheric carbon dioxide gas.

**BITUSEAL S41** is used as primer coat on masonry and concrete substrates to improve the adhesion of bitumen based waterproofing membranes and coatings

### Features & Benefits

- Modified with polymer, high elasticity
- Primer coat with excellent adhesion on cementitious substrates.
- Cold applied, not require heating.
- Easily to apply by brush, roller or squeegee.
- Anti-corrosive, Excellent resistant to alkalis, mild acids, chlorine.
- Compatible with all bituminous products.
- suitable for use in contact with potable water.
- Resistant to chlorides and Sulphates.

### Uses

**BITUSEAL S41** is used as primer for waterproofing membranes. Also, can be used for foundation curing prior to the application of protective coatings. It can be applied as Damp-Proof membrane, as dust proofing and floor hardener in all concrete substrates

### Technical Properties

Appearance	Liquid membrane
Color	Black
Density	900 Kg/m <sup>3</sup> approx.
Solid content	>40%

Water Resistance	Excellent
Flash Point	38 °C
Chloride/ Alkali Resistance	Excellent
Application temperature	+5 to +40 °C
Drying time	4 hours
Over Coating time	24 hours

All values are subject to 5-10% tolerance

### Standards Compliance:

- ASTM D 41
- BS 3416 Type A, Class 6 (for potable water)

### Application Procedures

#### Surface preparation:

All surfaces should be sound, stable with an even finish, free from dust, dirt, loose debris, grease, etc.

Damaged surfaces should be repaired with one of SBI concrete repairing products (please contact SBI technical team for recommendation). Allow the repair mortar to dry before applying the Bitumen primer.

### Mixing Instructions:

**BITUSEAL S41** is supplied ready to use at site. Prior application shake the barrel to remove any sediment. it can be applied with a roller, brush or with a spraying machine. For specified method application, contact SBI Technical Department

### Application Instructions:

product can be applied with a roller, brush, trowel or spray machine. . Apply the primer by using roller or brush in a rate of 4-6 m<sup>2</sup> per Ltr. Allow the primer to dry before applying the waterproofing membrane.

It is recommended to apply second coat on high porous substrates for better results and adhesion.

Where subsequent coats are to be applied, each coat must be completely dry before the next coat is applied

## Coverage

BITUSEAL S41 can covers 4-6 m<sup>2</sup> per Ltr.

## Packaging

BITUSEAL S41 is available in 20Ltr Pail & 200Ltr drum.

## Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

## Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

## Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

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