

Substructure Waterproofing - Membranes

Grace Primers

Primers for use with the Bituthene® range of cold applied, self adhesive waterproof membranes.

Bituthene® Primer S2

Description

Bituthene® Primer S2 is a rubber-based primer in solvent specially formulated to provide good initial adhesion of Bituthene waterproofing membranes.

Use

Used to prime “green” concrete or damp to touch substrates, as well as masonry or wood surfaces, on which Bituthene membranes will be applied. Primer S2 can be used on vertical and horizontal applications at -5°C or above.

Advantages

- All temperatures
- Damp concrete application
- Green concrete application

Application

Bituthene Primer S2 may be applied by a roller or brush. Apply it to clean, dirt free, frost-free surfaces at a coverage rate of 9-11 m² per litre. Allow the primer to dry 30 minutes or until tack-free. Dry time may be longer in cold temperatures. Deep puddles of primers should be avoided as this will lengthen drying time. Do not apply directly to Bituthene membrane.

In general, priming should be limited to an area that can be covered with membrane within 24 hours. Areas that accumulate significant amounts of dust or dirt must be re-primed before membrane is applied.

Safety, storage and handling information

Bituthene products must be handled properly and stored in well ventilated place. Material Safety Data Sheets (MSDS) are available at www.graceconstruction.com and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the MSDS before use.

Key Data

Property	Typical value
VOC	592 g/L
Curing at 20°C	30 minutes

Bituthene® Primer B1

Description

Bituthene® Primer B1 is a solvent-based primer used to prepare vertical and sloping surfaces and suspended slabs, for Bituthene 3000 only.

Use

This primer cannot be use to prime “green” concrete or damp to touch substrates. It is suitable for use on masonry or wood surfaces on which Bituthene 3000 membranes will be applied. Primer B1 can be used at -5°C or above.

Advantages

- All temperatures

Application

Bituthene Primer B1 may be applied by a roller or brush. Apply it to clean, dirt free, frost-free surfaces at a coverage rate of 10-12 m² per litre. Allow the primer to dry 30 minutes or until tack-free. Dry time may be longer in cold temperatures. Deep puddles of primers should be avoided as this will lengthen drying time. Do not apply directly to Bituthene membrane.

In general, priming should be limited to an area that can be covered with membrane within 24 hours. Areas that accumulate significant amounts of dust or dirt must be re-primed before membrane is applied.

Safety, storage and handling information

Bituthene products must be handled properly and stored in well ventilated place. Material Safety Data Sheets (MSDS) are available at www.graceconstruction.com and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the MSDS before use.

Key Data

Property	Typical value
VOC	529 g/L
Curing at 20°C	30 minutes

Bituthene® Primer W2*

* Also sold under the trade name: PAB Surface Conditioner and SC4000

Description

Bituthene® Primer W2 is a water-based surface conditioner specifically formulated to prepare concrete, masonry and wood surfaces for the Systems.

Use

This primer is suitable for use on damp to touch substrates, but it cannot be used to prime “green” concrete. It can be used on masonry or wood surfaces on which Bituthene membranes will be applied. Primer W2 can be used at 0°C or above.

Advantages

- All temperatures
- Damp concrete application

Application

Bituthene Primer W2 is supplied ready to use. Do not dilute with water or solvents. Bituthene Primer W2 may be applied by a roller or brush. Apply it to clean, dirt free, frost-free surfaces at a coverage rate of 7-8 m² per litre. Allow surface conditioner to dry completely and thoroughly prior to membrane application.

The surface conditioner is considered dry when the substrate returns to its original colour. To test for dryness, rub small conditioned area by hand. Wet conditioner will ball up under the fingertips. Allow to dry until conditioner cannot be rubbed off. If conditioned areas are not covered that day, re-condition the area if there is significant dust or dirt contamination.

Safety, storage and handling information

Bituthene products must be handled properly and stored in well ventilated place. Material Safety Data Sheets (MSDS) are available at www.graceconstruction.com and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the MSDS before use.

Key Data

Property	Typical value
VOC	125 g/L
Curing at 20°C	60 minutes

Supply

Bituthene® Primer S2 5 & 20 litre can
Coverage 9-11 sq m per litre*

Bituthene® Primer B1 5 & 25 litre can
Coverage 10-12 sq m per litre*

Bituthene® Primer W2 5 litre unit
Coverage 7-8 sq m per litre*

* Depending upon method of application, surface porosity and ambient temperature.

All declared values shown in this data sheet are based on test results determined under laboratory conditions and with the product sample taken directly from stock in its original packing without any alteration or modification of its component parts.

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