

Issue Date:  
Nov 06: V2



Data Sheet No:  
TDS 172

# SOVEREIGN

## TECHNICAL INFORMATION SHEET

### SBR BONDING PRIMER

ORDER CODE: H3

#### Description

Sovereign SBR Bonding Primer is a concentrated polymer primer, sealer and admixture for use when tiling with cementitious adhesives and grouts and is particularly suitable for areas subject to repeated and prolonged wetting.

**Form Supplied:** Liquid Concentrate

**Pack Sizes:** 1 Litre

**Colour range:** Dries clear

**Contains:** Styrene butadiene polymer

#### Properties

Sovereign SBR Bonding Primer can be used to prime and seal porous surfaces prior to tiling. It can also be used as an additive for powdered adhesives to increase water resistance, adhesion and flexibility.

#### Usage/Preparation

Sovereign SBR Bonding Primer can be used to control the suction of highly porous substrates or as a bonding coat for use over glass, tiles, steel, concrete and brick or timber.

#### Sealer Coat:

SBR Bonding Primer 1 Part  
Water 5 Parts

Apply the primer to porous backgrounds. Adhesive can then be applied to either wet or dry primer.

#### Primer Coat

SBR Bonding Primer 1 Part  
Water 3 Parts

This mix should be used to prime the edges and rear face of timber boards when tiling floors. After application the timber should be allowed to dry before finally fixing the boards to the floor. This will reduce the amount of movement due to moisture absorption by the timber.

Immediately prior to tiling coat the surface to receive the tiles with the primer. A suitable adhesive should be applied whilst still damp with the primer. If the primer dries apply a further coat.

Sovereign recommend the use of Porcel-Flex on rigid timber floors i.e. those where the subfloor has been screwed to the joists and marine ply of 15 – 19 mm has been screwed on top. Alternatively Sovereign Flexible Tile Adhesive 2-Part can be used on timber floors where minor movement may be expected.

It must be remembered that when tiling on to timber or other surfaces prone to movement that ceramic tiles themselves are not designed to flex under any circumstances, therefore movement should always be minimised within the substrate.

#### Bonding Coat:

SBR Bonding Primer 1 Part  
Water 1 Part  
OPC 1½ Parts

Mix the water and Sovereign SBR Bonding Primer and then slowly add the cement until a creamy mix is obtained. This can then be applied to surfaces with a brush to vastly improve the adhesion of subsequent coats. Cementitious adhesive must be applied whilst the bonding coat is still tacky i.e. within 20 minutes. If the bonding does dry then reapply more before continuing. This mix should have a pot life of at least 1 hour. All tools and equipment used must be cleaned immediately after use, as the bonding coat is extremely difficult to remove once dry.

This bonding coat is also ideal for use in tiling onto difficult substrates such as glazed tiles, vinyl tiles, glass and metal. Again the adhesive must be applied whilst the bonding coat is still tacky.

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Sovereign SBR Bonding Primer can also be added to cement based adhesives and grouts to improve adhesion, water resistance and wear properties. Dilute the SBR 1:3 with water and use as the gauging solution. Again it must be remembered that once dry the adhesive or grout is extremely difficult to remove from surfaces. It is therefore important to clean tile faces promptly.

**Coverage**

Sealer Coat – 30 m<sup>2</sup>  
Primer Coat – 12 m<sup>2</sup>  
Bonding Coat – 5 m<sup>2</sup>

The above figures are based on the correct dilution rate for 1 litre of product, i.e. a sealer coat diluted 1:5 produces 6 litres of ready for use sealer. These 6 litres will cover approximately 30 m<sup>2</sup>, depending on porosity.

**Storage:** Between 5°C – 30°C.

**Shelf Life:** 12 months unopened.

**General and Safety Precautions**

Avoid skin and eye contact.

Handle only when wearing protective clothing.

Wash splashes from skin with soap and water, flush eyes with copious amounts of water and seek medical attention if irritation persists.

For full health and safety information see Safety Data Sheet reference number SDS 172.

Information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that product, techniques and codes of practice are under constant review and changes occur without notice, please ensure you have the latest updated information.

# SOVEREIGN

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