



Sovereign SBR Bonding Agent

WATERPROOFING ADDITIVE FOR CEMENTITIOUS MIXES

TECHNICAL SHEET NO: TDS02291 18/12/2025

SMART ADVANTAGES

- Improves adhesion & water resistance of mortar mixes
- Improves flexibility to reduce cracking & shrinkage
- Suitable for external use

DESCRIPTION

Sovereign SBR Bonding Agent is an additive for improving the adhesion, flexibility, and water resistance of cementitious mixtures, mortars and concrete. Unlike PVA, when used in damp areas, this bonding agent will not re-emulsify and should be specified for all external situations.

Sovereign SBR Bonding Agent contains anti-foam to help prevent excessive air entrainment and an antioxidant to give extended durability. It can be used in both, renders and floor screeds. Renders and screeds show greatly improved adhesion to the substrate, reduced cracking and surface dusting.

The additive greatly improves resistance to water and the passage of salts, making it ideal for external use. Sovereign SBR Bonding Agent can also be used as a primer and sealer to improve inter-coat adhesion between successive layers. When used in concrete repair, the addition of Sovereign SBR Bonding Agent greatly enhances the resistance of the concrete to carbonation and protects the steel from corrosion. Its use in screeds allows work to be carried out in much thinner sections whilst maintaining performance levels.



TECHNICAL CHARACTERISTICS

Colour	Milky white
Form	Liquid
Specific gravity	1.0 approx.
Composition	Modified styrene butadiene co-polymer latex
Application temperature	+5°C to +40°C

COVERAGE

- Sealer coat: approx. 30m² per 1L concentrate
- Bonding coat: approx. 5m² per 1L concentrate (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 30m², depending on porosity)

APPLICATION

IMPORTANT: Before using Sovereign SBR Bonding Agent, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

- This product has been designed to work with Portland cement: CEM I and Portland-fly ash cement: CEM II/B-V. For other types of cement, e.g., Portland-limestone CEM II/A-LL it is recommended that a small trial is carried out to ascertain the optimum mix ratios as cement and sand types can vary.
- **IMPORTANT:** Do not use in concrete which is structural i.e., load bearing, reinforced, pre-stressed or steam cured. Work should not be carried out in temperatures below +5°C, or when temperatures are expected to fall below this. Ensure materials and procedures comply with the appropriate standards. Do not exceed ratios stated, overmix, over trowel, use with other admixtures, add to lime-based mixes, or use with high alumina, sulphate resisting or extra rapid hardening cement. This product is not vapour proof; therefore, structures must incorporate a suitable damp-proof membrane. When rendering, protect render from drying too quickly. Ensure the substrate is strong enough to support the weight of any render being applied.
- Ensure that all components of the mix and the working temperature are above +5°C.
- Sands and aggregate must be dry, well graded, clean and meet the appropriate standards. Aggregates must be dust-free.
- Ensure surfaces are sound, clean, dry and free from grease, oil, paint, laitance, loose materials and any other surface contaminants.
- Key surface by scabbling, vacuum grit blasting or planning.
- For all applications, dampen porous surfaces before applying the appropriate SBR bonding slurry.

APPLICATION

- Shake well before use.
- **IMPORTANT:** Do not overmix or over trowel mixes modified with Sovereign SBR Bonding Agent.

Sealer coat:

- Dilute 1 part SBR to 5 parts water.
- Apply the primer to porous backgrounds. Polymer modified adhesives can then be applied to either wet or dry primer.

Bonding coat:

- Dilute 1 part SBR to 1 part water and 1 part OPC.
- Mix the water and SBR, then slowly add the cement until a creamy mix is obtained. This can then be applied to masonry 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.

CLEANING

- Clean tools and equipment with water immediately after use. Dried product is difficult to remove.

STORAGE

- Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 12 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost.

PRECAUTIONS IN USE

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Sovereign SBR Bonding Agent, available at www.bostik.com/uk.

PACKAGING

Product codes	30616318	25L polyjerry

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