



Cementone SBR

STRENGTHENS & WATERPROOFS MORTAR MIXES

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Fact Sheet No.: TDS00320

YOUR SMART ADVANTAGES

- Ideal for bonding and priming
- Improves water, chemical and abrasion resistance
- For waterproof rendering, floor toppings and screeds

USES

Bostik SBR toughens, waterproofs and improves chemical and abrasion resistance of renders, screeds and mortar. It is an excellent all round primer and bonding agent and is especially suitable for external applications.

Bostik SBR can be used for waterproof rendering, flooring screeds and toppings and for bonding renders & suction control. It is a specially modified Styrene Butadiene Copolymer Latex for cement and mortar.

PRODUCT CHARACTERISTICS

Colour	Milky white
Form	Liquid
Specific Gravity	1.0 approx.
Composition	Modified styrene butadiene copolymer latex
Product Code	30812496 5 litres x 4 30812495 25 litres
Storage/Shelf Life	Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 24 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.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +40°C
Mix Ratios	Mix ratio is dependent on application being carried out. See the relevant application section for details
Cleaning	Clean tools and equipment with water immediately after use. Dried product is difficult to remove

DIRECTIONS FOR USE

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

PREPARATION

Bostik SBR 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 at 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. Do not overmix. Do not use with other admixtures. Do not add to lime based mixes. Do not use with high alumina, sulphate resisting or extra rapid hardening cement. When rendering protect render from drying too quickly. This product is not vapour proof, therefore structures must incorporate a suitable damp-proof membrane. Ensure the substrate is strong enough to support the weight of any screeds or render being applied.

1. Ensure that all components of the mix and the working temperature are above +5°C.
2. Sands and aggregate must be dry, well graded, clean

and meet the appropriate standards. Aggregates must be dust-free.

3. Ensure surfaces are sound, clean, dry and free from grease, oil, paint, laitance, loose materials and any other surface contaminants.
4. Key surface by scabbling, vacuum grit blasting or planning.
5. For all applications, dampen porous surfaces before applying the appropriate SBR bonding slurry. Ensure the working temperature is over +5°C.

APPLICATION

6. Shake well before use.

IMPORTANT: Do not overmix or over trowel mixes modified with Bostik SBR.

Bonding slurry: For screeds, toppings, renders and coatings.

7. Mix 2 parts cement to 1 part SBR by volume to a stiff brushable consistency. Do not add water.
8. Apply evenly to dampened surface to a thickness of between 1mm and 2mm.
9. Apply screed, topping, render or coating while the slurry is tacky (this normally takes 20 to 40 minutes).

Please note the following recommendations are for guidance only and do not constitute a specification.

Floor toppings and screeds:

10. Mix and apply the following mix designs dependent on thickness required:

For thickness <12mm

By weight		By volume	
Cement	25kg	Cement	1 part
Sand	62.5kg	Sand	2 parts
SBR	5 litres	SBR : water = 1 : 1	
Water *	5 litres		

For thickness >12mm

By weight		By volume	
Cement	25kg	Cement	1 part
Sand	75kg	Sand	2.5 parts
SBR	5 litres	SBR : water = 1 : 1	
Water *	5 litres		

* 5 litres of water is recommended for dry sand mixes. If sharp washed sand is wet, reduce water quantity accordingly.

11. Keep mix just wet enough to obtain good compaction. Finish quickly with a steel trowel.

External waterproof renders above ground:

12. Apply bonding slurry, stipple to provide a key and allow to dry.
13. Then apply second bonding slurry coat at right angles to the first, stipple to provide a key.

Render coat mix	
Cement	25kg
Sharp washed sand	75kg
SBR	5 litres
Water	5 litres

14. Add up to 5 litres of water for dry sand mixes. Reduce quantity accordingly if sand is wet.
15. Apply first render mix while second slurry coat is still tacky to a minimum thickness of 6mm.
16. After no more than 8 hours, apply a second render coat to a maximum thickness of 6mm.
17. If more than 8 hours has elapsed, apply a bonding slurry between coats.
18. Prevent from drying out during the first 48 hours by covering with polythene or mist spraying with water when initially firm.

OTHER APPLICATIONS

Suction control:

19. Mix 1 part SBR to 4 parts water. Brush on to surface and allow to dry.

CLEANING

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

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 Bostik SBR, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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