



Cementone SBR

STRENGTHENS & WATERPROOFS CONCRETE & MORTAR

Date: 08 July 2015

Fact Sheet No.: TDS00320

YOUR SMART ADVANTAGES

- Toughens floors and screeds
- Superior water, chemical and abrasion resistance
- For waterproof rendering, flooring, tanking, bedding, pointing etc.

USES

Bostik SBR (formerly known as Cementone SBR) is a specially modified Styrene Butadiene Co-polymer Latex for cement and mortar. It toughens, waterproofs and improves chemical and abrasion resistance of renders, screeds and other cement based mixes. Bostik SBR is an excellent all round primer and bonding agent especially suitable for external applications.

Bostik SBR can be used for pointing, patching, bedding, waterproof rendering, tanking and flooring and for bonding renders and suction control

PRODUCT CHARACTERISTICS

Colour	Milky white
Form	Liquid
Specific Gravity	1.0 approx.
Composition	Modified Styrene Butadiene Co-polymer Latex
Product Code	30812496 5 Litres x 4 30812495 25 Litre
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 under

cool, dry conditions within the temperature range of +5°C to +25°C and out of direct sunlight. Protect from frost.

TYPICAL PERFORMANCE DATA (Approx.)

Mix Ratios	Mix Ratio is dependent on application being carried out. See the relevant application section for details.
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DIRECTIONS FOR USE

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

PREPARATION

1. Wear gloves and suitable eye/face protection.
2. Ensure surfaces are sound, clean, dry and free from grease, oil, paint, laitance and loose materials.
3. Key surface by scabbling, vacuum grit blasting or planing.
4. Ensure the working temperature is above 5°C
5. For all applications, dampen porous surfaces before applying the appropriate Bostik SBR Bonding slurry.
6. Sands must be well graded, clean and meet the appropriate British Standards.
7. Aggregates must be dust-free.

APPLICATION

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 these cement types and sand can vary.



FM 01696
BS EN ISO 9001:2008

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IMPORTANT: 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 British 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.

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

8. Mix 2 parts cement to 1 part Bostik SBR by volume to a stiff brushable consistency. Do not add water.
9. Apply evenly to dampened surface to a nominal thickness of between 1mm and 2mm.
10. 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:

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

For thickness <12mm

By Weight		By Volume	
Cement	25 kg	Cement	1 part
Sand	62.5 kg	Sand	2 parts
Bostik SBR	5 litres	SBR : Water = 1 : 1	Water 5 litres

For thickness >12mm

By Weight		By Volume	
Cement	25 kg	Cement	1 part
Sand	75 kg	Sand	2.5 parts
Bostik SBR	5 litres	SBR : Water = 1 : 1	Water 5 litres

12. 5 litres of water is recommended for dry sand mixes. If sharp washed sand is wet, reduce water quantity accordingly.
13. Keep mix just wet enough to obtain good compaction. Finish quickly with a steel trowel.

External Waterproof Renders Above Ground:

14. Apply bonding slurry, stipple to provide a key and allow to dry.
15. Then apply second bonding slurry coat at right angles to the first, stipple to provide a key.
16. Apply render mix while second slurry coat is still tacky.

Render Coat Mix	
Cement	25 kg
Sharp washed sand	75 kg
Bostik SBR	5 litres
Water	5 litres

17. 5 litres of water is recommended for dry sand mixes.

Reduce quantity accordingly if sand is wet.

18. Apply 2 - 6mm render coats allowing no more than 8 hours between coats. If longer, apply a bonding slurry between coats.
19. 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:

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

Concrete Repair:

21. If steel reinforcement is exposed, wire brush or grit-blast to remove rust and scale.
22. Prime exposed steel using a bonding slurry. Allow to dry.
23. Dampen surrounding concrete. Then apply another bonding slurry over entire area (including reinforcing) to be repaired.
24. Apply the following mix while the bonding slurry is still wet:

By Weight		By Volume	
Cement	25 kg	Cement	1 part
Sand	62.5 kg	Sand	2 parts
Bostik SBR	7.5 litres	SBR : Water = 3 : 1	Water 2.5 litres

25. 2.5 litres of water is recommended for dry sand mixes. If sharp washed sand is wet, reduce water quantity accordingly.

Pointing:

26. Apply bonding slurry into dampened joints. Prime a small area at a time to avoid bonding slurry from drying out before pointing is completed.
27. Point joints with above mix, while bonding slurry is still wet.

CLEANING

28. Clean tools and equipment immediately after use with water.

PRECAUTIONS IN USE

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For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.co.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.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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