



# Cementone SBR

**STRENGTHENS & WATERPROOFS MORTAR MIXES**

Date: 22 August 2017

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 (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 mortar. Bostik SBR is an excellent all round primer and bonding agent especially suitable for external applications.

Bostik SBR can be used for waterproof rendering, flooring screeds and toppings and for bonding renders & 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.

## DIRECTIONS FOR USE

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

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 British Standards. Do not exceed ratios stated. Do not overmix or overtrawl. 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.

**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		

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

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

**External Waterproof Renders Above Ground:**

13. Apply bonding slurry, stipple to provide a key and allow to dry.
14. Then apply second bonding slurry coat at right angles to the first, stipple to provide a key.
15. 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

16. 5 litres of water is recommended for dry sand mixes. Reduce quantity accordingly if sand is wet.
17. Apply 2 - 6mm render coats allowing no more than 8 hours between coats. If longer, 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 Bostik SBR to 4 parts water. Brush on to surface and allow to dry.

**CLEANING**

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

**PRECAUTIONS IN USE**

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.

**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 British Standards. Do not exceed ratios stated. Do not overmix or overtrawl. 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.

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

BOSTIK HOTLINE

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# Cementone Waterproof PVA

## WATERPROOF ADHESIVE, PRIMER, ADMIXTURE & SEALER

Date: 29 September 2015

Fact Sheet No.: TDS01516

### YOUR SMART ADVANTAGES

- Ideal for damp and exterior conditions
- Waterproofs cement and render
- Toughens floors and screeds

### USES

Bostik Waterproof PVA (formerly Cementone Waterproof PVA) has been specially formulated for use in damp, wet and exterior conditions. It is ready to use and is an excellent adhesive, primer and admixture. Bostik Waterproof PVA conforms to EN 204 D3.

Bostik Waterproof PVA used as a primer improves adhesion to porous or difficult surfaces e.g. before plastering, rendering or screeding.

Bostik Waterproof PVA used as an admixture is an ideal mixture in cement/sand mortars, renderings, gypsum plasters and screeds.

Bostik Waterproof PVA will bond most building materials provided that one of the surfaces has a degree of porosity e.g. timber, plywood, blockboard, chipboard, fibreboard, expanded polystyrene, polyurethane foam, insulating board, brick, concrete, stone, and slate.

### PRODUCT CHARACTERISTICS

Colour	White
Form	Liquid
Specific Gravity	1.05 approx.
Composition	Polyvinyl acetate emulsion
Product Code	30812499 5 Litre

### Storage/Shelf Life

Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 18 months from date of manufacture in original, unopened packaging under cool, dry conditions within the temperature range of +5°C to +30°C and out of direct sunlight. Protect from frost.

### TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +25°C
Coverage	6 – 10m <sup>2</sup> per litre
Open Time	5 to 10 minutes approx. at 15°C
Tack Duration	10 to 90 minutes approx. at 15°C depending on porosity of substrate
Drying Times	Dustproofing: 8 hours approx. Priming: Dries after approx. 1 hour Bonding: Maximum strength is attained in 24 hours.

### DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Waterproof PVA refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).

### PREPARATION

1. Surfaces must be sound, dry, clean and free from oil, grease, dust and other loose material.
2. Apply Bostik Waterproof PVA by brush, roller or spreader.
3. Bond work must be done whilst the adhesive is still wet or tacky.



Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 [www.bostik.co.uk](http://www.bostik.co.uk)

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4. If using Bostik Waterproof PVA as a primer, allow to dry.
5. Do not use Bostik Waterproof PVA as a primer for paint.

#### APPLICATION

##### General Primer

6. Prime surface by brush or roller using 1 part Bostik Waterproof PVA to 5 parts water by volume and allow to dry.
7. Apply a second coat by brush using 3 parts Bostik Waterproof PVA to 1 part water by volume.
8. Apply plaster, screed, rendering, mortar whilst the second coat is still tacky.

##### Plastering

9. Use Bostik Waterproof PVA as a surface primer to improve adhesion of the plaster to the substrate. Bostik Waterproof PVA allows easier application of plaster, and ensures there are no weak points due to poor adhesion.

##### Porous surfaces e.g: blockwood, brickwork etc.

10. Follow Bostik Waterproof PVA general primer application instructions above, then apply plaster.

##### Non-porous surfaces:

11. Apply 1 coat of undiluted Bostik Waterproof PVA; apply plaster whilst the adhesive is still tacky.

##### Rendering

12. Bostik Waterproof PVA helps improve the performance of rendering.

##### For rendering up to 9mm thick:

13. Follow Bostik Waterproof PVA general primer application instructions above, then apply mortar mix.

##### For rendering over 9mm thick:

14. Mix a slurry of 2 parts sharp washed sand to 1 part Portland Cement with 1 part Bostik Waterproof PVA to 1 part water.

15. Brush the slurry thickly onto the surface and stipple to key. Allow to dry (at least 24 hours) before applying render.

##### Flooring

16. All floors must have an effective damp proof membrane. Use Bostik Waterproof PVA concrete or mortar application instructions above as a primer where damp may be a problem.

##### Bonding cement/sand screeds to quarry tiles, concrete, flagstones etc.

17. Follow Bostik Waterproof PVA general primer application instructions above, then gauge the cement/sand screeding mix with equal parts Bostik Waterproof PVA and water.

##### Bonding Ceramic Floor Tiles in Cement/Sand Mortar:

18. Apply Bostik Waterproof PVA as per general primer application instructions above, followed by a bedding mortar.
19. Apply 3 parts Bostik Waterproof PVA to 1 part water mixture to the tile backs and bed them into mortar immediately. Allow 3 days before walking on the floor.

##### Dustproofing sound concrete floors:

20. Apply two coats of 1 : 5 Bostik Waterproof PVA : water mixture

##### Floor levelling or before Applying Flooring Adhesive to concrete or very porous surfaces:

21. Prime with a mixture of 1 part Bostik Waterproof PVA to 2 parts water. Apply levelling compound or adhesive while still tacky.

##### Concreting

22. Bostik Waterproof PVA is an ideal primer and bonding aid for improving adhesion and reducing cracking.

23. When applying fresh concrete or making patch repairs, follow general primer application instructions above, then apply concrete.

##### Wall Tiling

##### Porous surfaces:

24. Prime with 1 part Bostik Waterproof PVA to 5 parts water. Allow to dry before tiling.

##### Non-porous surfaces:

25. Apply a slurry made from 1 part Portland Cement with 1 part sand with 1 part Bostik Waterproof PVA to 1 part water. Stipple on with a brush and allow to dry before fixing tiles.

##### CLEANING

26. Clean tools and equipment immediately after use with water and detergent before Bostik Waterproof PVA has dried.

##### PRECAUTIONS IN USE

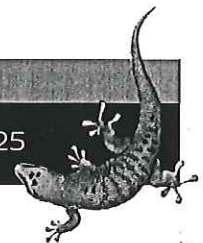
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