



Cementone PVA

BUILDING ADHESIVE, PRIMER, ADMIXTURE & SEALER

Date: 08 July 2015

Fact Sheet No.: TDS00230

YOUR SMART ADVANTAGES

- Improves adhesion and bond strength
- For plastering, rendering, bonding, sealing and dustproofing
- Suitable for interior use

USES

Bostik PVA (formerly known as Cementone Rendabond PVA) is ready to use and is suitable for a wide range of building jobs. It is a highly effective primer, admixture, bonding agent, dustproofer and may also be used as an adhesive. It is economical, and suitable for interior use and dry service conditions. For damp or external situations Sealocrete Bostik SBR is recommended

Bostik PVA can be used as a primer to improve adhesion to porous or difficult surfaces prior to rendering, plastering, or screeding.

Bostik PVA can be used as an admixture to improve workability and adhesion of cement/sand mortars, renders, gypsum plasters, or screeds.

Bostik PVA can be used as a sealer to reduce dusting of concrete and plaster surfaces.

Bostik PVA bonds most building materials, provided 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, dries clear
Form	Liquid
Specific Gravity	1.05 approx.

Composition	Polyvinyl Acetate Emulsion
Product Code	30812545 1 Litre x 6 30812498 2.5 Litre x 6 30812497 5 Litre x 4 30812537 25 Litre x 1
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 when stored in original, unopened packaging under 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 +30°C
Coverage (undiluted)	6 - 14m ² per litre depending on application thickness
Open Time	5 to 10 minutes approx. at 15°C depending on the substrates porosity
Tack Duration	10 to 90 minutes at 15°C
Bonding	Maximum strength is attained in 24 hours.
Priming	Dries after approx. 1 hour.
Sealing Concrete Floors	Leave to dry completely (usually 8 hours), before allowing foot traffic



FM 01696
BS EN ISO 9001:2008

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DIRECTIONS FOR USE

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

PREPARATION

1. Surfaces must be sound, dry, clean, and free from grease, dust or loose material.
2. Bostik PVA can be applied by brush, roller, spreader or from a squeezable plastic bottle.
3. Bonding work must be done when the adhesive is still wet or tacky, but when using as a primer Bostik PVA must be allowed to dry.

APPLICATION:

Primer

Porous Surfaces e.g. clay brick, sand-cement renders, cement sheet etc.

4. Dilute 1 part Bostik PVA to 5 parts water by volume. Allow to dry.

Highly Porous Surfaces e.g. old dry stock brick.

5. Dilute 1 part Bostik PVA to 3 parts water by volume. Allow to dry.

Damp Or Exterior Surfaces:

3. Bostik SBR is recommended.

Non-Porous Interior Surfaces e.g. engineering brick, glazed tiles and sound oil painted surfaces.

4. Apply Bostik PVA undiluted.

Bonding Agent

Cement Render

Dry Porous Interior Surfaces: for rendering onto pre-cast concrete, brick and other backings of a highly porous nature.

5. Prime and allow to dry as specified above.
6. Bonding coat: Dilute 3 parts Bostik PVA to 1 part water by volume.
7. Allow film to develop tack.
8. Apply render in coats no greater than 10 mm thick to a maximum of 16 mm thickness.

Non-Porous Interior Surfaces:

9. Apply undiluted Bostik PVA as a bonding coat; apply plaster while it is still wet or tacky.

Damp or Exterior Surfaces:

10. Bostik SBR is recommended. Bostik PVA is not suitable.

High Tensile Renders:

11. To improve resistance to structural movement add to gauging water in the ratio 1 part Bostik PVA to 10 parts water by volume.

Floor Toppings

Sand/Cement Screeds:

12. Prime and allow to dry as specified above.

13. Apply undiluted Bostik PVA.

14. Allow tack to develop.

15. Apply screed in normal way.

Proprietary Composition Flooring, Terrazzo, Granolithic And Other Rich Mixtures:

16. Prime and allow to dry as specified above.

17. Apply undiluted Bostik PVA.

18. Allow tack to develop.

19. Apply screed in normal way.

Continuous Sand Cement Screeds/Polymer Modified Screeds:

20. Prime and allow to dry as specified above.

21. Apply undiluted Bostik PVA.

22. Allow tack to develop then apply screed with 1: 3 cement/sand mix with Bostik PVA and water. The proportion of Bostik PVA must be 5 litres PVA to 25 kg cement.

23. Always dilute Bostik PVA with gauging water and gauge to a soft crumble. Keep mix as dry as possible, excess water may cause cracking.

24. The screed should not exceed 12.5 mm, but can be taken to a thin edge, depending on the sand grading.

25. Allow screed to cure for at least 72 hours.

Cement Patching

26. Prime and allow to dry as specified above.

27. Apply undiluted Bostik PVA and allow tack to develop.

28. Patch with a rich cement/sand mix gauged with diluted Bostik PVA in the ratio 1 part PVA to 8 parts water by volume.

29. Cover and cure for at least 72 hours.

Plastering

To Bond New Plaster to Porous Surfaces (old plaster, concrete etc.)

30. Prime the surface with 1 part Bostik PVA to 5 parts water. When dry coat the surface with a mixture of 3 parts Bostik PVA to 1 part water and while still wet or tacky apply the plaster.

To Bond New Plaster to Non-Porous Surfaces i.e. glazed tiles

31. Apply an undiluted coat of Bostik PVA and while still wet or tacky apply the plaster.

Sealer

Cement Based Paints – To Improve Paint Adhesion:

32. Dilute Bostik PVA with an equal volume of water.

33. Brush into surface, ensuring no excess remains to form a film.



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34. Bostik PVA is not suitable for other types of paint, e.g. gloss or emulsion.

Dust Sealer - e.g. concrete, composite and terrazzo flooring:

35. Dilute 1 part Bostik PVA to 5 parts water by volume.

36. Apply 1 or 2 coats to floor.

Adhesive

To bond all types of wood under dry conditions:

37. Apply a mixture of 5 parts Bostik PVA to 1 part water to each surface and clamp together.

For close fitting joints:

38. Coat only one surface. Under normal conditions joints can be handled carefully after 1 hour although setting times may vary with porosity and atmospheric conditions.

39. To obtain a longer open time (above method is usually 10 minutes), prime with a mixture of 1 part Bostik PVA to 5 parts water. When dry apply adhesive coat.

CLEANING

40. Clean tools and equipment with water and detergent before Bostik PVA has dried.

PRECAUTIONS IN USE

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 PVA, available at www.bostik.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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