



# PVA

## BUILDING ADHESIVE, PRIMER, ADMIXTURE & SEALER

Bostik PVA is ready to use and is suitable for a wide range of building jobs. It is not only an excellent adhesive, but also a highly effective primer, admixture, bonding agent and dustproofing agent. It is economical, suitable for interior use and dry service conditions.

- Improves adhesion and bond strength
- Excellent primer for most building surfaces
- For plastering, rendering, bonding, sealing and dustproofing



### USES

Bostik PVA is ready to use and is suitable for a wide range of building jobs. It is a highly effective primer, admixture, bonding agent, dustproofing agent 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 EVO-FIX 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.

### DIRECTIONS FOR USE

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

### PREPARATION

Surfaces must be sound, dry, clean, and free from grease, dust or loose material.

Bostik PVA can be applied by brush, roller, spreader or from a squeezable plastic bottle.

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.



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### PRODUCT CHARACTERISTICS

<b>Colour</b>	White, dries clear	
<b>Form</b>	Liquid	
<b>Specific gravity</b>	1.05 approx.	
<b>Composition</b>	Polyvinyl Acetate Emulsion	
<b>Sizes</b>	5 Ltr	30812497
	25 Ltr	30812537

### TYPICAL PERFORMANCE DATA (Approx.)

<b>Application temperature</b>	+5°C to +30°C
<b>Coverage (undiluted)</b>	6 to 14m <sup>2</sup> per litre depending on application thickness
<b>Open time</b>	5 to 10 minutes approx. at 15°C depending on the substrates porosity
<b>Tack duration</b>	10 to 90 minutes at 15°C
<b>Bonding</b>	Maximum strength is attained in 24 hours.
<b>Priming</b>	Dries after approx. 1 hour.
<b>Drying times</b>	<b>Sealing Concrete Floors:</b> Usually 8 hours approx. before foot traffic is allowed. <b>Priming:</b> Dry after 1 hour approx. <b>Bonding:</b> Maximum bond strength after 24 hours approx.
<b>Cleaning</b>	Clean tools and equipment with water and detergent before Bostik PVA has dried.
<b>Storage/ shelf life</b>	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.

## APPLICATION:

### Primer

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

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

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

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

**Damp Or Exterior Surfaces:**

- EVO-STIK Evo Fix SBR is recommended.

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

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

**Non-Porous Interior Surfaces:**

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

**Damp or Exterior Surfaces:**

- EVO STIK Evo Fix SBR is recommended. Bostik PVA is not suitable.

**High Tensile Renders:**

- 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:**

- Prime and allow to dry as specified above.
- Apply undiluted Bostik PVA.
- Allow tack to develop.
- Apply screed in normal way.

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

- Prime and allow to dry as specified above.
- Apply undiluted Bostik PVA.
- Allow tack to develop.
- Apply screed in normal way.

**Continuous Sand Cement Screeds/Polymer Modified Screeds:**

- Prime and allow to dry as specified above.
- Apply undiluted Bostik PVA.
- 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.
- Always dilute Bostik PVA with gauging water and gauge to a soft crumble. Keep mix as dry as possible, excess water may cause cracking.
- The screed should not exceed 12.5 mm, but can be taken to a thin edge, depending on the sand grading.
- Allow screed to cure for at least 72 hours.

## CEMENT PATCHING

- Prime and allow to dry as specified above.
- Apply undiluted Bostik PVA and allow tack to develop.
- Patch with a rich cement/sand mix gauged with diluted Bostik PVA in the ratio 1 part PVA to 8 parts water by volume.
- Cover and cure for at least 72 hours.

## PLASTERING

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

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

## SEALER

**Cement Based Paints:** To Improve Paint Adhesion:

- Dilute Bostik PVA with an equal volume of water.
- Brush into surface, ensuring no excess remains to form a film.
- Bostik PVA is not suitable for other types of paint, e.g. gloss or emulsion.

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

- Dilute 1 part Bostik PVA to 5 parts water by volume.
- Apply 1 or 2 coats to floor.

## ADHESIVE

**To bond all types of wood under dry conditions:**

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

**For close fitting joints:**

- 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.
- 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.

