

EVO-STIK General Purpose PVA

A BUILDING ADHESIVE, PRIMER & SEALER

Date: 17 October 2017

Fact Sheet No.: TDS00510

YOUR SMART ADVANTAGES

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

USES

EVO-STIK General Purpose PVA (formally Evo-Stik Evo-Bond PVA) is ready to use and is suitable for a wide range of building jobs. It is a highly effective primer, bonding agent, dustproofer and may also be used as an adhesive. EVO-STIK General Purpose PVA is economical and suitable for interior use in dry service conditions only. For damp or external situations use EVO-STIK Waterproof PVA or Bostik SBR.

EVO-STIK General Purpose PVA can be used as a primer to improve adhesion to porous or difficult surfaces prior to plastering.

EVO-STIK General Purpose PVA bonds most materials, provided one of the surfaces has a degree of porosity e.g. timber, plywood, blockboard, chipboard, fibreboard, expanded polystyrene, polyurethane foam, brick, concrete, and masonry.

EVO-STIK General Purpose PVA can be used as a sealer to reduce dusting of concrete and plaster surfaces.

PRODUCT CHARACTERISTICS

Colour	White, dries to a transparent film
Form	Liquid
Specific Gravity	1.05 approx.
Composition	Polyvinyl acetate emulsion
Product Code	30811823 500ml x 6 30811828 1 litre x 6

	30811829 2.5 litre
	30811830 5 litre
	30811822 5 litre polyjerry x 4
Storage/Shelf Life	Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 18 months from date of manufacture when stored in original, unopened packaging under dry conditions within the temperature range of +5°C to +25°C and out of direct sunlight. Protect from frost.

TYPICAL PERFORMANCE DATA(Approx.)

Application Temperature	+5°C to +25°C
Coverage (undiluted)	6 - 14m ² per litre depending on application thickness and substrate
Open Time	5 to 10 minutes*
Tack Duration	10 to 90 minutes*
Bonding	Maximum strength is attained in 24 hours*
Priming	Dries after approx. 1 hour*
Sealing Concrete Floors	Leave to dry completely (approx. 8 hours*), before allowing foot traffic
Solvent for Cleaning	Warm soapy water

* depending on temperature, humidity, coating weight and substrate

DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK General Purpose PVA refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

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

APPLICATION

Primer

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

5. Dilute 1 part EVO-STIK General Purpose PVA to 5 parts water by volume. Apply to the surface and allow to dry.

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

6. Apply EVO-STIK General Purpose PVA undiluted to the surface and allow to dry.

Plastering

Preparation

7. Ensure the surface to be plastered is clean, sound & dry and can support the weight of new plaster. Any loose or flaking material must be removed before applying PVA or plaster. Do not apply PVA over loose paint or any wallpaper.

To Bond New Plaster to Porous Surfaces e.g. brickwork, old plaster and timber.

8. Prime the surface with 1 part EVO-STIK General Purpose PVA to 5 parts water by volume. When dry, coat the surface with a mixture of 3 parts EVO-STIK General Purpose PVA to 1 part water by volume and whilst still tacky apply the plaster.

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

9. Apply an undiluted coat of EVO-STIK General Purpose PVA and whilst still tacky apply the plaster.

Bonding Agent

Interior Cement Render:

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

10. Prime and allow to dry as specified above.
11. Once priming coat has dried apply a bonding coat of 3 parts EVO-STIK General Purpose PVA to 1 part water by volume.
12. Allow film to develop tack.
13. Apply render in coats no greater than 10mm thick to a maximum thickness of 16mm.

Non-Porous Interior Surfaces:

14. Apply undiluted EVO-STIK General Purpose PVA as a bonding coat; apply plaster while it is still wet or tacky.

Dust Sealer

For sealing dusty surfaces e.g. interior concrete.

15. Dilute 1 part EVO-STIK General Purpose PVA to 5 parts water by volume.
16. Apply 1 or 2 coats to the surface.

Adhesive

To Bond most Types of Wood Under Dry Conditions:

17. Apply undiluted EVO-STIK General Purpose PVA to one surface. Join surfaces immediately and apply weight or clamp joint for at least 1 hour. Porous substrates may require priming first with 1 part EVO-STIK General Purpose PVA to 5 parts water by volume and allowed to dry before applying the adhesive coat.
18. Under normal conditions, joints can be handled carefully after 1 hour, although setting times may vary depending on the surface porosity and ambient conditions.
19. Full bond strength is normally obtained in 24 hours.
20. To obtain a longer open time (above method is usually 10 minutes), prime with a mixture of 1 part EVO-STIK General Purpose PVA to 5 parts water by volume. When the priming coat is dry apply the adhesive coat.

CLEANING

21. Clean tools and equipment immediately after use with warm soapy water before EVO-STIK General Purpose PVA has dried.

PRECAUTIONS IN USE

For damp or external situations use Bostik SBR. EVO-STIK General Purpose PVA should not be used in areas subject to frequent wetting. Do not apply below 5°C. For internal use only in dry service conditions. EVO-STIK General Purpose PVA can be used as a primer before painting when used according to paint manufacturers recommendations and instructions. EVO-STIK General Purpose PVA should not be used for rendered surfaces subject to constant immersion in water e.g. swimming pools. The product is not designed to harden concrete floors. The product will not bond two non-porous surfaces – in such cases, use an appropriate contact adhesive such as EVO-STIK 528, EVO-STIK Impact or EVO-STIK Safe 80. EVO-STIK General Purpose PVA is not suitable for structural bonding or continuous load bearing applications.

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 EVO-STIK General Purpose PVA, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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Sales	Tel: 0844 371 1192	Fax: 01785 241818	customer.service@bostik.com
Technical Advice	Tel: 0844 371 1197	Fax: 01785 272867	technical.service@bostik.com
Technical Data & COSHH (MSDS) Data Sheets	Tel: 01785 272625	Fax: 01785 212962	stafford.gatehouse@bostik.com