

Date: 03 June 2010

Information Sheet No.: TDS00339

EVO-STIK SUPER EVO-BOND PVA

A BUILDING ADHESIVE, PRIMER, ADMIXTURE & SEALER

Evo-Stik Super Evo-Bond 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 dustproof. Evo-Stik Super Evo-Bond PVA is especially suitable where bond strength, permanence and grab are essential. It is economical, and suitable for interior use and dry service conditions. For damp or external situations Evo-Stik Waterproof Evo-Bond PVA is recommended. Before using this product refer to the relevant Health & Safety Data Sheet.

Features

- Improves adhesion and bond strength.
- Provides a non-mechanical key.
- Reduces risk of lifting or cracking.

Uses

- 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, slate, felt, fabric etc.
- As a primer to improve adhesion to porous or difficult surfaces prior to rendering, plastering, screeding etc.
- As an admixture to improve workability and adhesion of cement/sand mortars, renders, gypsum plasters, screeds etc.
- As a sealer to reduce dusting of concrete and plaster surfaces.

Product Characteristics

Colour	White	
Form	Liquid	
Odour	Sweet	
Specific Gravity	1.1 approx.	
Composition	Polyvinyl Acetate Emulsion.	
Product Code	122000	500ml x6
	122208	1 Litre x6
	122505	2.5 Litre x1
	122901	5 Litre x1

Shelf life/storage Two years when stored in the original unopened containers. Store in dry conditions between 5°C and 25°C.

Typical Performance Data (approx.)

Application Temperature 5°C - 25°C.

Wet grab 10 minutes approx. at 15°C.

Tack Development 10-90 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.

Coverage (approx.) 6-10 m² per litre.

Directions for use

IMPORTANT

Before using Evo-Stik Super Evo-Bond PVA refer to the relevant Health & Safety Data Sheet. Available at www.bostik.co.uk named as the code above.

Preparation

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

Application Primer

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

1. Dilute 1 part Evo-Stik Super Evo-Bond PVA to 5 parts water by volume. Allow to dry.

Date: 03 June 2010

Information Sheet No.: TDS00339

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

2. Dilute 1 part Evo-Stik Super Evo-Bond PVA to 3 parts water by volume. Allow to dry.

Damp or Exterior Surfaces

3. Evo-Stik Waterproof Evo-Bond PVA is recommended.

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

4. Apply undiluted.

**Application
Bonding Agent****Cement Render**

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

1. Prime and allow to dry as specified above.
2. Bonding coat dilute 3 parts Evo-Stik Super Evo-Bond PVA to 1 part water by volume.
3. Allow to develop tack - when PVA film becomes clear.
4. Apply render in coats not greater than 10 mm thick to a maximum of 16 mm.
5. **Non-Porous Interior Surfaces** –
6. Apply undiluted Evo-Stik Super Evo-Bond PVA as a bonding coat, apply plaster while it is still wet or tacky.
7. Damp or Exterior Surfaces - Evo-Stik Waterproof Evo-Bond PVA is recommended, PVA is not suitable.
8. High Tensile Renders - to improve resistance to structural movement add to gauging water in the ratio 1 part Evo-Stik Super Evo-Bond PVA to 10 parts water by volume.

**Application
Floor Toppings****Sand/Cement Screeds**

1. Prime and allow to dry as specified above.

2. Apply undiluted Evo-Stik Super Evo-Bond PVA.

3. Allow tack to develop.
4. Apply screed in normal way.

Proprietary Composition Flooring, Terrazzo, Granolithic and other Rich Mixtures

5. Prime and allow to dry as specified above.
6. Apply undiluted Evo-Stik Super Evo-Bond PVA.
7. Allow tack to develop.
8. Apply screed in normal way.

Continuous Sand Cement Screeds/Polymer Modified Screeds

9. Prime and allow to dry as specified above.
10. Apply undiluted Evo-Stik Super Evo-Bond PVA.
11. Allow tack to develop then apply screed with 1 : 3 cement/sand mix with Evo-Stik Super Evo-Bond PVA and water. The proportion of Evo-Stik Super Evo-Bond PVA must be 5L PVA to 25 kg cement.
12. Always dilute Evo-Stik Super Evo-Bond PVA with gauging water and gauge to a soft crumble. Keep mix as dry as possible, excess water may cause cracking.
13. The screed should not exceed 12.5 mm, but can be taken to a thin edge, depending on the sand grading.
14. Allow screed to cure for at least 72 hours.

**Application
Cement Patching**

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

Date: 03 June 2010

Information Sheet No.: TDS00339

Application Plastering

1. To Bond New Plaster to Porous Surfaces (old plaster, concrete etc.) Prime the surface with 1 part Evo-Stik Super Evo-Bond PVA - 5 parts water. When dry coat the surface with a mixture of 3 parts Evo-Stik Super Evo-Bond PVA - 1 part water and while still wet or tacky apply the plaster.
2. To Bond New Plaster to Non-Porous Surfaces - i.e. glazed tiles Apply an undiluted coat of Evo-Stik Super Evo-Bond PVA and while still wet or tacky apply the plaster.

Application Sealer

Cement Based Paints - to improve paint adhesion

1. Dilute Evo-Stik Super Evo-Bond PVA with an equal volume of water.
2. Brush into surface, ensuring no excess remains to form a film.
3. NOT suitable for other types of paint, e.g. gloss or emulsion

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

4. Dilute 1 part Evo-Stik Super Evo-Bond PVA to 5 parts water by volume.
5. Apply 1 or 2 coats to floor.

Application Adhesive

To Bond all Types of Wood Under Dry Conditions

Apply a mixture of 5 parts Evo-Stik Super Evo-Bond PVA - 1 part water to each surface and clamp together.

For Close Fitting Joints

1. 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.
2. To obtain a longer open time (above method is usually 10 minutes), prime with a mixture of 1 part Evo-Stik Super Evo-Bond PVA - 5 parts water. When dry apply adhesive coat.

Cleaning

1. Clean tools and equipment with water and detergent before the Evo-Stik Super Evo-Bond PVA has dried.

Precautions in Use

Not suitable as a primer for paints.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet for Evo-Stik Super Evo-Bond PVA.

Date: 03 June 2010**Information Sheet No.: TDS00339**

Sales & Technical contacts at Bostik	Telephone	Facsimile	Email addresses
Sales	0844 371 1192	01785 241818	customer.service@bostik.com
Technical advice	0844 371 1197	01785 272867	technical.service@bostik.com
Technical Data & COSHH (MSDS) sheets	01785 272625	01785 212962	stafford.gatehouse@bostik.com

This disclaimer is issued by Bostik Limited ("the Company") and applies to the use of any products supplied by the Company ("the Products") displayed on this Technical Data Sheet ("TDS"). Please read this disclaimer carefully before using any of the Products. Using this TDS and/or the Product constitutes your acceptance of this disclaimer. Its contents shall prevail over any directions of use and any disclaimer and/or exclusion or limitation of liability of the Company which may appear on the packaging of the Products.

This disclaimer sets out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to any user of the Products ("Product User") in respect of any use made or resale by the Product User, of any of the Products in this TDS.

This disclaimer does not affect the Company's liability for death or personal injury arising from the Company's negligence in respect of the Products, nor its liability for fraud, or fraudulent misrepresentation, nor any other liability which cannot be excluded or limited under applicable law.

The Company's total liability however arising and whether caused by tort (including negligence and breach of statutory duty), breach of contract or otherwise, arising in connection with the use made or resale by the Product User of any of the Products in this TDS shall be limited to the price paid for the Product by the Product User.

The Company shall not be liable to the Product User for any pure economic loss, loss of profit, loss of business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims (including in respect of personal injury insofar as not caused by the Company's negligence) for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the use made or resale by the Product User of any of the Products in this TDS.

The Company shall not be liable to the Product User in relation to any loss for any use which is inappropriate or use which is otherwise than in accordance with the relevant instructions for use of the Products in this TDS or on the Product. Product Users are advised to confirm the suitability of the Products by their own tests.

This TDS covers just one of a large range of products supplied by the Company.

Full information on these products and advice on application is freely available from our fully trained staff throughout the country. In addition, specialist technical advice is available from our Technical Services Department. This TDS supersedes all previous TDSs relating to the Products, and users of it must ensure that it is the current issue. Destroy all previous TDS, and if in any doubt, contact the Company, quoting the code number in the top right hand corner on the front of this document.