

EVO-STIK Super Evo-Bond PVA

A BUILDING ADHESIVE, PRIMER, ADMIXTURE & SEALER

Date: 29 September 2015

Fact Sheet No.: TDS00339

YOUR SMART ADVANTAGES

- High performance adhesive, primer, admixture, sealer and dustproofer
- Improves adhesion and bond strength
- Excellent primer for most building surfaces

USES

EVO-STIK Super Evo-Bond 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. EVO-STIK Super Evo-Bond PVA is economical, and suitable for interior use and dry service conditions. For damp or external situations EVO-STIK Waterproof Evo-Bond PVA is recommended.

EVO-STIK Super Evo-Bond PVA can be used as a primer to improve adhesion to porous or difficult surfaces prior to rendering, plastering, or screeding.

EVO-STIK Super Evo-Bond PVA can be used as an admixture to improve workability and adhesion of cement/sand mortars, renders, gypsum plasters, or screeds.

EVO-STIK Super Evo-Bond PVA can be used as a sealer to reduce dusting of concrete and plaster surfaces.

EVO-STIK Super Evo-Bond 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, insulating board, brick, concrete, stone, and slate.

PRODUCT CHARACTERISTICS

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| Colour | White dries to a transparent film |
| Form | Liquid |
| Specific Gravity | 1.05 approx. |
| Composition | Polyvinyl acetate emulsion |

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| Product Code | 30811823 | 500ml x 6 |
| | 30811828 | 1 Litre x 6 |
| | 30811829 | 2.5 Litre x 1 |
| | 30811830 | 5 Litre x 1 |
| Storage/Shelf Life | Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 24 months from date of manufacture when stored in original, unopened packaging in dry conditions within the temperature range of +5°C to +25°C. Protect from frost. | |

TYPICAL PERFORMANCE DATA (Approx.)

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| Application Temperature | +5°C to +25°C |
| Coverage (undiluted) | 6 – 10m ² per litre depending on application thickness and substrate |
| Open Time | 5 to 10 minutes approx. at 15°C |
| Tack Duration | 10 to 90 minutes at 15°C depending on the substrates porosity |
| 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 |

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.

PREPARATION

1. Surfaces must be sound, dry, clean and free from grease, dust and loose material.
2. The adhesive 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 the adhesive must be allowed to dry.

APPLICATION

Primer

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

4. A) Dilute 1 part EVO-STIK Super Evo-Bond PVA to 5 parts water by volume. Apply to the surface and allow to dry.

Highly Porous Surfaces e.g. old dry stock brick

B) Dilute 1 part EVO-STIK Super Evo-Bond PVA to 3 parts water by volume. Apply to the surface and allow to dry.

Damp or Exterior Surfaces:

C) EVO-STIK Waterproof Evo-Bond PVA is recommended.

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

D) Apply EVO-STIK Super Evo-Bond PVA undiluted to the surface and allow to dry.

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 EVO-STIK Super Evo-Bond PVA to 1 part water by volume.
7. Allow to develop tack – when PVA film becomes clear.
8. Apply render in coats no greater than 10mm thick to a maximum thickness of 16mm.

Non-Porous Interior Surfaces:

9. Apply undiluted EVO-STIK Super Evo-Bond PVA as a bonding coat, apply plaster while it is still wet or tacky.

Damp or Exterior Surfaces:

10. EVO-STIK Waterproof Evo-Bond PVA is recommended.

High Tensile Renders:

11. 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.

Floor Toppings

Sand/Cement Screeds:

12. Prime and allow to dry as specified.

13. Apply undiluted EVO-STIK Super Evo-Bond 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 EVO-STIK Super Evo-Bond 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 EVO-STIK Super Evo-Bond PVA.

22. 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 25kg cement.

23. 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.

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

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

Cement Patching

26. Prime and allow to dry as specified above.

27. Apply undiluted EVO-STIK Super Evo-Bond PVA and allow tack to develop.

28. 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.

29. Cover and cure for at least 72 hours.

Plastering

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

30. Prime the surface with 1 part EVO-STIK Super Evo-Bond PVA to 5 parts water by volume. When dry, coat the surface with a mixture of 3 parts EVO-STIK Super Evo-Bond PVA to 1 part water by volume and whilst still wet or tacky apply the plaster.

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

31. Apply an undiluted coat of EVO-STIK Super Evo-Bond PVA and whilst still wet or tacky apply the plaster.

Sealer

Cement Based Paints – to improve paint adhesion

32. Dilute EVO-STIK Super Evo-Bond PVA with an equal volume of water.
33. Brush into surface, ensuring no excess remains to form a film.
34. 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 EVO-STIK Super Evo-Bond PVA to 5 parts water by volume
36. Apply 1 or 2 coats to the floor.

Adhesive

To Bond all Types of Wood Under Dry Conditions:

37. Apply undiluted 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 depending on the surface porosity and ambient conditions.
39. 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 to 5 parts water by volume. When dry apply adhesive coat.

CLEANING

40. Clean tools and equipment immediately after use with warm soapy water before EVO-STIK Super Evo-Bond PVA has dried.

PRECAUTIONS IN USE

EVO-STIK Super Evo-Bond PVA is not suitable as a primer for paints.

EVO-STIK Super Evo-Bond PVA should not be used for rendered surfaces subject to constant immersion in water e.g. swimming pools. 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.

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 EVO-STIK Super Evo-Bond PVA, available at www.bostik.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



FM 01696
BS EN ISO 9001:2008

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