



# EVO-STIK Strong Stuff Waterproof Adhesive

A SINGLE-PART, SMP POLYMER ADHESIVE

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Fact Sheet No.: TDS00460

## YOUR SMART ADVANTAGES

- High strength, waterproof grab adhesive
- Sticks to wet surfaces, even underwater
- Instant waterproof seal

## USES

EVO-STIK Strong Stuff Waterproof Adhesive is a high performance, single component, moisture curing, Silyl Modified Polymer (SMP) adhesive. It will bond most surfaces even if both are impervious. The product will bond damp surfaces and may even be used underwater. It has very low odour, cures to form a hard elastic rubber, with almost no shrinkage and is low hazard; it does not contain any water or solvent, making it ideal for bonding foam polystyrene sheets. When fully cured the product may be painted with most types of water based emulsion paints.

EVO-STIK Strong Stuff Waterproof bonds to most surfaces including wood, concrete, brick, plaster, glass, ceramics, metals, rigid pvc, grp and foam polystyrene. It also bonds panels, signs, wallboards, insulation boards and skirting's. to the above surfaces.

## PRODUCT CHARACTERISTICS

Colour	Off white
Specific Gravity	1.62 approx.
Composition	Moisture curing SMP Polymer system
Product Code	30813032 290ml cartridges x12
Storage/Shelf Life	Store for up to 18 months when stored in the original, unopened packaging under dry conditions within

	the temperature range of +5°C to +25°C.
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## TYPICAL PERFORMANCE DATA (Approx.)

Coverage	44 metres of 3mm diameter bead 14 metres of 5mm diameter bead
Drying Times	Skin Formation: 5 to 15 minutes at 25°C Full Cure: 17 to 24 hours at 20°C
Shore A Hardness	50 - 55
Tensile Strength	1.5 - 1.8 MPA
Elongation At Break	200 - 300%
Movement	Will accommodate up to 12% of the mean joint width
Shrinkage	Less than 3%
Water Resistance	Excellent
Oil & Petrol Resistance	Good
Chemicals Resistance	Good
Abrasion Resistance	Good
Paintability	Cured product may be overpainted with most types of water based emulsion paints. In some rare cases the surface may retain slight tack which, often, another coat of the paint will remedy.

## DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Strong Stuff



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Waterproof refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).

#### PREPARATION

1. Any loose or weak layers and any contamination on the surface must be removed.
2. Surfaces must be clean and preferably dry.

#### APPLICATION

3. Apply parallel beads of adhesive to one of the surfaces. Ensure that the adhesive is forced onto the surface to displace dampness.
4. Bring the two surfaces together, quickly after application. Then press and twist to force the adhesive onto the other surface.
5. 5mm diameter beads are generally sufficient. For close fitting surfaces these may be reduced to 3mm.
6. The degree of separation of the beads of EVO-STIK Serious Stuff Wet Grab Adhesive will depend upon the rigidity and weight of the panel, board or sign being bonded. If beads are separated by more than 200mm a perimeter bead should be applied.
7. For rigid sheets 100 - 150mm separation between beads is generally sufficient for high loading, but may be increased if the load is low (such as wallboards and foam polystyrene) where 200 - 500mm is acceptable.
8. For less rigid boards the separation may need to be quite small and it is important to choose the correct bead size.

#### CLEANING

9. Uncured product may be removed using cloths lightly moistened with white spirit, after carefully scraping off the bulk.
10. Cured product requires mechanical removal.

#### PRECAUTIONS IN USE

EVO-STIK Strong Stuff Waterproof Adhesive will not bond polythene, polypropylene & Teflon. It should not be used on bitumen contaminated surfaces. Not suitable for continuous submersion in water.

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.co.uk](http://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 Strong Stuff Waterproof, available at [www.bostik.co.uk](http://www.bostik.co.uk).

BOSTIK HOTLINE

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