



EVO-STIK Strong Stuff Waterproof

A Single Part, SM Polymer Adhesive

TECHNICAL SHEET NO: TDS00460 21/10/2025

SMART ADVANTAGES

- Waterproof grab adhesive
- Bonds to wet surfaces even underwater
- Instant Waterproof seal

DESCRIPTION

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.



TECHNICAL CHARACTERISTICS

Colour	Off White
Form	Thixotropic paste
Specific Gravity	1.60 g/ml
Shore A hardness	62
Composition	Moisture curing SM Polymer system.
Application Rate	500 - 700 g/min
Application temperature	+5°C to +40°C
Curing time*	10 minutes
Elongation at Break	200%
Temperature Resistance	-40°C to +90°C
Tensile Strength	2.1 N/mm ²

* Cure through: Approx. 2mm/24 hours at 23°C/ 50% RH. Fully cured in approx. 24 hours depending on bead width, temperature and humidity.

COVERAGE

- 44 metres of 3mm diameter bead per C20 cartridge
- 11 metres of 5mm diameter bead per C20 cartridge

APPLICATION

IMPORTANT: Before using EVO-STIK Strong Stuff Waterproof Adhesive refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

- Surfaces must be sound, clean and free from any contaminants such as dust, oil, grease and any loose material. Damp surfaces must be checked for weak or loose material on the surfaces that the presence of damp might hide.
- EVO-STIK Strong Stuff Waterproof Adhesive should not be used on surfaces contaminated by bitumen, and it is not suitable for continuously damp conditions.
- Cut off the dome at the top of the cartridge taking care not to damage the thread. Cut the nozzle to the desired width and angle. Screw the nozzle onto the cartridge.
- Insert the cartridge into a cartridge gun and repeatedly squeeze the trigger until the adhesive appears.

APPLICATION

- Apply parallel beads of adhesive to one of the surfaces, align and bring the surfaces together before the product has skinned.
- Beads 5mm in diameter are generally sufficient. For close fitting surfaces the bead may be reduced to 3mm diameter.
- The degree of separation of the beads of EVO-STIK Strong Stuff Waterproof Adhesive will depend upon the rigidity and weight of the panel, board or sign being bonded.
- A perimeter bead should not be applied as this can increase curing times.
- 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 lightweight wallboards and foam polystyrene) where 200mm – 500mm is acceptable.
- For less rigid boards the separation may need to be quite small, and it is important to choose the correct bead size to ensure good contact on the mating surfaces.
- Clamp or support the materials until sufficient time has elapsed.

CLEANING

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

STORAGE

- Store for up to 18 months from the date of manufacture when stored in original, unopened packaging under cool, dry conditions within the temperature range of +5°C to +25°C and out of direct sunlight. Protect from frost.

PRECAUTIONS IN USE

EVO-STIK Strong Stuff Waterproof Adhesive will not bond Polyethylene, Polypropylene or Teflon. EVO-STIK Strong Stuff Waterproof Adhesive must not be used to bond mirrors if the mirror is backed with plastic safety film. Do not bond mirrors to painted surfaces, as the decorative finish will be unable to support the load.

EVO-STIK Strong Stuff Waterproof Adhesive should not be used on surfaces contaminated by bitumen, and it is not suitable for continuously damp conditions. It is recommended in overhead applications to always use in conjunction with mechanical fixings. Yellowing can occur in predominantly dark conditions.

EVO-STIK Strong Stuff Waterproof Adhesive is paintable with water based and most 2 component paints. Synthetic paints can dry slower. It is recommended to test compatibility with any paints prior to applications.

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice to determine suitability for use.

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 Adhesive, available at www.bostik.com/uk.

PACKAGING

Product codes	30627434	White C20 x 12
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