



# EVO-STIK Seriously strong Stuff Ultimate Strength

**A HIGH STRENGTH, SINGLE-PART, SMP POLYMER ADHESIVE**

Date: 20 July 2018

Fact Sheet No.: TDS00603

## YOUR SMART ADVANTAGES

- The strongest waterproof adhesive you can buy
- Highly flexible
- Bonds wet surfaces even underwater

## USES

EVO-STIK Seriously Strong Stuff Ultimate Strength is a high performance, single component, moisture curing, Silyl Modified Polymer (SMP) based 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 strong elastic rubber, with almost no shrinkage and 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 Seriously Strong Stuff Ultimate Strength bonds to most surfaces including wood, concrete, brick, plaster, glass, ceramics, metals, rigid pvc, grp, insulation boards and foam polystyrene. It also bonds panels, signs, wallboards, skirting's etc. to the above surfaces.

## PRODUCT CHARACTERISTICS

Colour	Warm White
Specific Gravity	1.59 approx.
Composition	Moisture curing SMP Polymer system
Product Code	30813038 C20 cartridge x 12
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.
TYPICAL PERFORMANCE DATA (Approx.)	
Service Temperature	-40°C to +100°C
Coverage	44 metres of 3mm diameter bead per 290ml 14 metres of 5mm diameter bead per 290ml
Drying Times:	Full Cure: 17 to 24 hours
Shore A Hardness	50 - 55 at 20°C
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 over-painted with most types of water based emulsion paints. In some rare cases the surface may retain slight tack, which usually another coat of the paint will remedy.

## DIRECTIONS FOR USE

**IMPORTANT:** Before using EVO-STIK Seriously Strong Stuff Ultimate Strength 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 materials on the surface must be removed.
2. Surfaces must be clean and preferably dry.
3. Surfaces that are damp must be checked for weak or loose material on the surface that the damp might hide.

## APPLICATION

4. Apply parallel beads of adhesive to one of the surfaces, and then bring the two surfaces together within 10 minutes.
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 Seriously Strong Stuff Ultra 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 dampened with white spirit, after carefully scraping off the bulk.
10. Cured product requires mechanical removal i.e. cutting, scraping, sanding.

## PRECAUTIONS IN USE

EVO-STIK Seriously Strong Stuff Ultimate Strength will not bond polythene, polypropylene & Teflon. It must not be used on surfaces contaminated with bitumen. EVO-STIK Seriously Strong Stuff Ultimate Strength is not designed for immersion 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 Seriously Strong Stuff Ultimate Strength, available at [www.bostik.co.uk](http://www.bostik.co.uk).

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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