



# EVO-STIK Strong Stuff Sealant & Adhesive

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

Date: 28 March 2017

Fact Sheet No.: TDS00172

## YOUR SMART ADVANTAGES

- High strength grab adhesive and waterproof sealant
- Cures to a tough, flexible sealant which can be overpainted
- Interior & exterior use

## USES

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

## PRODUCT CHARACTERISTICS

Colour	White
Specific Gravity	1.5 approx.
Composition	Moisture curing SMP polymer
Product Code	30813015 C20 cartridges 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	Adhesive: 44 metres of 3mm diameter bead per 290ml. 14 metres of 5mm diameter bead per 290ml Sealant: 12mm by 6mm deep. 4.0 metres per 290ml. 10mm wide fillet joint 11.5 metres per 290ml.
Drying Times	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
Coatings	Cured products 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.



FM 01696  
BS EN ISO 9001:2008

Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 [www.bostik.co.uk](http://www.bostik.co.uk)

Bostik, Evo-Stik & Sealocrete are registered trademarks of Bostik Ltd.

## DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Strong Stuff Sealant & Adhesive 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.
3. Surfaces that are damp must be checked for weak or loose material that the damp may hide.

## APPLICATION

### As Adhesive:

4. Apply parallel beads of adhesive to one of the surfaces, then immediately bring the two surfaces together.
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 Strong Stuff Sealant & 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. Boards may require support whilst the product cures.
8. For less rigid board the separation may need to be quite small and it is important to choose the correct bead size.
9. EVO-STIK Strong Stuff Sealant & Adhesive cures in approximately 16 hours at 20°C but may require longer in poor drying conditions. Do not adjust or move the bonded object until the adhesive is completely dry.

### As Sealant:

10. Prepare as above.
11. EVO-STIK Strong Stuff Sealant & Adhesive may be used in both normal and fillet joints of the substrates listed above.
12. Joints should be no deeper than they are wide for best results.

## CLEANING

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

## PRECAUTIONS IN USE

EVO-STIK Strong Stuff Sealant & Adhesive will not bond polythene, polypropylene & Teflon. EVO-STIK Strong Stuff Sealant & Adhesive must not be used on surfaces contaminated with bitumen. 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 Sealant & Adhesive, available at [www.bostik.co.uk](http://www.bostik.co.uk).

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



FM 01696  
BS EN ISO 9001:2008

Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 [www.bostik.co.uk](http://www.bostik.co.uk)

Bostik, Evo-Stik & Sealocrete are registered trademarks of Bostik Ltd.

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.

Sales	Tel: 0844 371 1192	Fax: 01785 241818	<a href="mailto:customer.service@bostik.com">customer.service@bostik.com</a>
Technical Advice	Tel: 0844 371 1197	Fax: 01785 272867	<a href="mailto:technical.service@bostik.com">technical.service@bostik.com</a>
Technical Data & COSHH (MSDS) Data Sheets	Tel: 01785 272625	Fax: 01785 212962	<a href="mailto:stafford.gatehouse@bostik.com">stafford.gatehouse@bostik.com</a>



FM 01696  
BS EN ISO 9001:2008

Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 [www.bostik.co.uk](http://www.bostik.co.uk)  
Bostik, Evo-Stik & Sealocrete are registered trademarks of Bostik Ltd.