



EVO-STIK Strong Stuff Waterproof

A Single Part, SM Polymer Adhesive

TECHNICAL SHEET NO: TDS00460 11/06/2024

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
- 14 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	30614242	White C20 x 12
---------------	----------	----------------

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 that 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 that 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 that is inappropriate or use that 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 left hand corner on the front of this document.

Sales	Tel: 0844 371 1192	customer.service@bostik.com
Technical Advice	Tel: 0844 371 1197	technical.service@bostik.com
Safety Data Sheets	Tel: 01785 272625	sds.box-eu@bostik.com

DISCLAIMER

Bostik offers this Technical Data Sheet ("TDS") for descriptive and informational use only. It is not a warranty, a contract or a substitute for expert or professional advice. Please also see the local product Safety Data Sheet for health and safety considerations.

The statements, technical information, data, and recommendations contained in this TDS are provided 'AS IS' and are not warranted or guaranteed in any way. They represent typical results for the products and are based on Bostik's research only. Since the conditions and methods of use of the products are beyond our control, Bostik expressly disclaims any and all liability and damages of whatever kind or nature that may arise from any use of the products, the results therefrom, or reliance on the information contain herein.

Bostik Ltd
Common Road,
Stafford, ST16 3EH, UK
Phone: +44 (0)1785 272625
www.bostik.com/uk

BOSTIK HOTLINE

Smart help +44 (0)1785 272625



All advice, recommendations, figures and safety regulations provided are based on careful investigations, as well as the current state of our experience and are without obligation. Although the documentation has been compiled with the greatest care, we do not accept any liability for inaccuracies, mistakes, typesetting or printing errors. We reserve the right to modify the respective product if we deem it necessary. Since the design, the quality of the substrate and the processing conditions are beyond our assessment, no liability can be accepted for work performed on the basis of this documentation. We therefore advise you to carry out practical tests on site yourself. Our general Terms and Conditions of Sale and Delivery apply to all our sales and deliveries.