

EVO-STIK Gripfill

A HIGH PERFORMANCE, MULTI-PURPOSE, GAP FILLING ADHESIVE

Date: 4 November 2015

Fact Sheet No.: TDS00238

YOUR SMART ADVANTAGES

- Bonds almost any surface
- Excellent strength including vertical applications
- Suitable for interior and exterior use (provided bond is covered)

USES

EVO-STIK Gripfill is a solvent-borne, filled rubber resin adhesive, developed to bond a large variety of rigid materials together, regardless of the evenness of the surface.

EVO-STIK Gripfill is specially formulated to bond a large variety of materials such as: plywood, blockboard, chipboard, hardboard, laminated plastics, rigid uPVC, rigid PU insulation materials, metal sheeting (including aluminum, steel, galvanized iron, tin plate and nonferrous metals) to each other (as long as one surface is porous) or to brick, stone, breeze block, sand/cement screeds, concrete, plaster, plasterboard and insulation boards.

It is suitable for bonding aluminium and uPVC stair nosings, carpet edging strips, carpet grippers, building boards, timber battens, to stairs, floor boards and walls.

For bonding wall signs, window frames, sink units, fitted furniture (including light fittings) to a variety of surfaces; in the building of home extensions.

PRODUCT CHARACTERISTICS

Form	Gunnable paste
Specific Gravity	1.15 approx.
Product Codes	30812115 310ml x 12 cartridges 30812111 350ml x 12 cartridges

Storage/Shelf Life

Store for up to 12 months from date of manufacture when stored in the original, unopened packaging under dry conditions within the temperature range of +5°C to +25°C.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature

+5°C to +25°C

Service Temperature

-30°C to +70°C

Coverage

350ml: 12 metres of 6mm bead per 350ml cartridge (normally sufficient for one 2,440mm x 1,220mm panel)

310ml: 11 metres of 6mm bead per 310ml cartridge

DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Gripfill refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.

PREPARATION

1. All surfaces must be clean, dry and free from dust, grease and other loose material.
2. All paints should be removed from surfaces where the adhesive will make contact.
3. Metal surfaces, such as stair nosings, should be degreased with detergent and water or an appropriate degreaser.
4. New concrete and plaster should be allowed to dry fully before using EVO-STIK Gripfill.



FM 01696
BS EN ISO 9001:2008

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

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

5. Porous surfaces such as plaster and fibre cement board, should first be primed with Bostik PVA (diluted 1 : 5 with clean water) and allowed to dry thoroughly before EVO-STIK Gripfill is applied. Building panels should be cut to shape beforehand.

APPLICATION

6. Fix the cartridge into the extruder. Cut the nozzle to the desired width and angle and push a nail through the nozzle to break the seal at the base.
7. Best results are achieved by applying beads of EVO-STIK Gripfill onto one surface only.
8. Apply a 6mm diameter “zig-zag” bead along the length of the item to be bonded.
9. On large panels apply bead around the edge and across the panel at approximately 400mm intervals.
10. Then using a twisting action, press the other surface into position to maximize surface contact and grab. Press surfaces together firmly for 30 seconds.
11. Some support may be necessary for up to 24 hours.
12. Cold, damp conditions or thick layers of adhesive will greatly extend drying times

Stair Nosings, Window Frames etc.:

13. Apply a continuous bead (usually 6mm in diameter) to the surface being bonded. Position on the substrate, if possible by sliding into place, and apply pressure overall. If the object is to be applied to a vertical surface, temporary mechanical support (e.g.: panel pins, masonry nails, etc.) may be required.
14. Allow to dry overnight prior to any further operation e.g. fixing boards to battens etc.
15. Excessive thickness of adhesive may extend drying time.
16. EVO-STIK Gripfill sets by the evaporation of the solvent it contains, so drying time is dependent on temperature and the nature of the materials being bonded.

Wall Panels:

17. For most work, EVO-STIK Gripfill should be applied as a 6mm diameter bead to the rear of the panel. Extrude a continuous bead around the panel approximately 25mm from the edge. Additional beads should then be applied across the panel at 600mm centres (450mm for heavy panels).
18. Immediately present the panel to the wall slightly above its required position and applying pressure slide it into place in order to break any surface skin. Press firmly to ensure maximum overall contact, using a soft mallet if necessary. Continue as above with further panels making sure they are flush with each other. Any adjustment must be made within 5 minutes of placing.

Impervious Materials:

19. Where two impervious materials are to be bonded, apply EVO-STIK Gripfill as above, press firmly together and break the bond pulling away immediately ensuring good transfer has occurred. Wait for a maximum of 5 minutes and re-bond the two materials, or heavy panels.

Battens:

20. Apply EVO-STIK Gripfill in 5 - 6mm beads to the back of the battens and, using a twisting action, press them onto the wall. The battens should be fixed vertically at 400mm (or closer) intervals with horizontal battens top and bottom, depending on the weight to be supported.

CLEANING

21. Uncured adhesive may be removed using cloths lightly moistened with white spirit, after carefully scraping off the bulk.
22. Cured adhesive can only be mechanically removed i.e. cutting, sanding, scraping.

PRECAUTIONS IN USE

Where EVO-STIK Gripfill is used externally it must be protected from driving rain, ponding water or permanently wet situations. This can be achieved by using a suitable silicone sealant. EVO-STIK Gripfill is not recommended for bonding mirrors, as it may cause an adverse reaction on the mirror backing. Do not use EVO-STIK Gripfill in contact with bitumen. It is not suitable for use on solvent sensitive surfaces such as expanded polystyrene, and cellulose paint, etc. EVO-STIK Gripfill may not be suitable for certain types of structural work. EVO-STIK Gripfill will not bond Polythene, Polypropylene, Polyethylene plastics, Teflon (PTFE) or silicone rubber.

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit 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 Gripfill, available at www.bostik.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



FM 01696
BS EN ISO 9001:2008

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	customer.service@bostik.com
Technical Advice	Tel: 0844 371 1197	Fax: 01785 272867	technical.service@bostik.com
Technical Data & COSHH (MSDS) Data Sheets	Tel: 01785 272625	Fax: 01785 212962	stafford.gatehouse@bostik.com



FM 01696
BS EN ISO 9001:2008

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