

# EVO-STIK Gripfill

**A HIGH PERFORMANCE, MULTI-PURPOSE, GAP FILLING ADHESIVE**

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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](http://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.



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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](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 Gripfill, available at [www.bostik.co.uk](http://www.bostik.co.uk).

BOSTIK HOTLINE

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