

Date: 27 May 2010

Information Sheet No.: TDS00238

EVO-STIK GRIPFILL™

A HIGH PERFORMANCE, MULTI-PURPOSE, GAP FILLING ADHESIVE

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. Before using this product refer to the relevant Health & Safety Data Sheet.

Features

- A high strength, one part, gap filling adhesive specially formulated to bond a large variety of materials such as: plywood, blockboard, chipboard, hardboard, laminated plastics, rigid uPVC (excluding foamed PVC), rigid insulation materials (excluding expanded polystyrene), metal sheeting (including aluminium, steel, galvanised iron, tin plate and nonferrous metals) to themselves or to brick, stone, breeze block, sand/ cement screeds, concrete, plaster, plasterboard and insulation boards.
- Suitable for bonding aluminium and uPVC stair nosings, carpet edging strips, carpet grippers, building boards, timber battens etc. 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, caravans and cars.

Product Characteristics

Form	Gunnable Paste.
Specific Gravity	1.1 approximately.
Solvent Type:	Aromatic petroleum solvent and ketone.
Product Code	18609 310ml x 12 cartridges. 18601 350ml x 12 cartridges.
Shelf life/storage	12 months when stored in the original unopened containers. Store in dry conditions between 5°C and 25°C.

Typical Performance Data (approx.)

Application Temperature	+5°C to +30°C.
Service Temperature	-30°C to +70°C.

Flashpoint

Below 10°C Test Method BS 2000 Part 170:1982 (IP 170/75(81))

Coverage 350ml

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

310ml

10.6 metres of 6mm bead per 310ml cartridge

Directions for use

IMPORTANT

Before using this Evo-Stik Gripfill™ refer to the relevant Health & Safety Data Sheet. Available at www.bostik.co.uk named as the code above.

Preparation

1. Surfaces to be bonded must be clean, structurally sound, dry and free from dust and loose material. Porous surfaces such as plaster and fibre cement board, should first be primed with Gripfill™ Universal 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

1. 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.

Stair Nosings, Window Frames etc.

2. 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 (eg: panel pins, masonry nails, etc) may be required.

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3. Allow to dry overnight prior to any further operation eg: fixing boards to battens etc.
4. Excessive thickness of adhesive may extend drying time.

Wall Panels

5. 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).
6. 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.
7. Alternatively Evo-Stik Gripfill™ may be applied in the form of blobs approximately 10 - 12mm in diameter at 300mm centres. The blob application is not recommended when bonding plastic materials.

Impervious Materials

8. Where two impervious materials are to be bonded, apply Evo-Stik Gripfill™ as above, press firmly

together and break the bond by pulling away immediately ensuring good transfer has occurred. Wait for a maximum of 5 minutes and re-bond the two materials.

Cleaning

1. Carefully clean with white spirit before the film has dried. Spillage: Before the film has dried remove excess carefully and clean the surface with white spirit.

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.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet for Evo-Stik Gripfill™.

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