

Technical Specification

Product Code: BTKESG310**Description:** Solvent Based Bonding Adhesive Cartridge

Application

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.

Stair Nosings, Window Frames etc.:

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.

Allow to dry overnight prior to any further operation e.g. fixing boards to battens etc.

Excessive thickness of adhesive may extend drying time.

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:

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).

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:

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:

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.

Benefits

- Fast setting
- Has gap filling properties
- Adheres to virtually all common building surfaces
- Can be used internally or externally
- Can be used to fix skirting boards, stair nosings, decorative wall panelling etc.

Directions Of Use

Best results are achieved by applying beads of EVO-STIK Gripfill onto one surface only.

Apply a 6mm diameter "zig-zag" bead along the length of the item to be bonded.

On large panels apply bead around the edge and across the panel at approximately 400mm intervals.

Then using a twisting action, press the other surface into position to maximize surface contact and grab.

Press surfaces together firmly for 30 seconds.

Some support may be necessary for up to 24 hours.

Cold, damp conditions or thick layers of adhesive will greatly extend drying times

Limitations

Where 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 or suitable for:

Bonding mirrors (as it may cause an adverse reaction on the mirror backing).

Solvent sensitive surfaces such as expanded polystyrene, and cellulose paint, etc.

Use with or being in contact with bitumen.

Certain types of structural work.

EVO-STIK Gripfill will not bond Polythene, Polypropylene, Polyethylene plastics, Teflon (PTFE) or silicone rubber.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

Cleaning

Uncured adhesive may be removed using cloths lightly moistened with white spirit, after carefully scraping off the bulk.

Cured adhesive can only be mechanically removed i.e. cutting, sanding, scraping.

