

GRIPFILL™

High Performance, Multi-Purpose, Gap Filling Adhesive

DESCRIPTION

Gripfill™ is a solvent-borne, filled rubber resin adhesive, developed to bond virtually any rigid materials together, regardless of the evenness of the surface.

USES

Gripfill™ is a high strength, one part, gap filling adhesive specially formulated to bond a large variety of materials such as: plywood, blockwood, 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 non-ferrous metals) to themselves or to brick, stone, breeze block, sand/cement screeds, concrete, plaster, plasterboard and insulation boards. If further details of an application are required please contact our Technical Department at the address below.

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

Gripfill™ can also be used successfully 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.

Where 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.

Gripfill™ is not recommended for bonding mirrors, as it may cause an adverse reaction on the mirror backing.

PREPARATION

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 Gripfill™ is applied. Building panels should be cut to shape beforehand.

APPLICATION

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.

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

Allow to dry overnight prior to any further operation eg: fixing boards to battens etc.

b) Wall Panels

For most work, Gripfill™ should be applied as a 6mm bead diameter 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.

Alternatively 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.

c) Impervious Materials

Where two impervious materials are to be bonded, apply 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.

SAFE HANDLING PRECAUTIONS

Flammability: Highly Flammable

Keep away from sources of ignition including pilot lights and sparks (see Note). Take precautionary measures against static discharge. Ensure thorough ventilation. DO NOT SMOKE.

In case of fire use dry powder, carbon dioxide (CO₂), foam, sand or earth. Never use water as this may spread the fire. Note: Electric motors, light/power switches and steel tools may generate sparks sufficient to ignite the product or its vapour, resulting in an explosion and/or fire.

Skin Contact: Contains solvents that cause de-fatting of the skin and in extreme cases, dermatitis. Avoid contact by careful working and use of barrier cream on hands, arms and other exposed areas or wear gloves. Remove skin contamination immediately with a proprietary hand cleaner and wash with soap and water.

Eye Contact: Avoid contact. Could be harmful. In the event of accidental contact, wash eyes immediately with clean water for 15 minutes and obtain medical attention.

Inhalation: Gives off irritating vapours. Use only in well ventilated areas. In the unlikely event of discomfort as a result of inhalation, move person to fresh air. If discomfort persists obtain medical attention.

Oral Ingestion: With proper handling this should not occur. The possibility can be minimised by not consuming food in the working area and by washing hands thoroughly before eating, drinking or smoking.

Disposal of Containers: Do not leave containers on site where residue could be a hazard to children, animals or the environment. Remove any containers to a central disposal point.

Cleaning of Tools: Carefully clean with white spirit before film has dried.

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

Storage Life: 12 months under good storage conditions in original, unopened cartridges away from direct heat and sunlight.

Storage Conditions: Keep out of direct sunlight at a temperature of between 5°C and 40°C. Store in accordance with the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations (1972).

Note: We endeavor to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used. No responsibility can be accepted or any warranty given by representatives, agents distributors, or ourselves other than that the product supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product and safety information sheets.

GRIPFILL™

GRIPFILL™

TYPE OF SOLVENT

Aromatic petroleum solvent and ketone

APPROX. FLASHPOINT

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

APPROX. COVERAGE

12 metres of 6mm bead per 350ml cartridge (normally sufficient for one 2,440mm x 1,220mm panel)
10.6 metres of 6mm bead per 310ml cartridge

APPLICATION TEMP. LIMITS

5°C - 30°C

SERVICE TEMP. LIMITS

Minus 30°C to plus 70°C

CONTAINER SIZES

350ml and 310ml cartridges



Riverside, Saltney, Chester CH4 8RS
Tel: 01244 674774 Fax: 01244 680215
Technical Services Tel: 01244 625020

Email: sales_info@laybond.co.uk
www.laybond.com