



EVO-STIK GRIPFILL MAX

Max Strength, All Weather, SM Polymer Adhesive

TECHNICAL SHEET NO: TDS02176 11/06/2024

SMART ADVANTAGES

- Maximum strength and instant grab
- Can be used in all weather conditions
- Zero Solvents

DESCRIPTION

EVO-STIK GRIPFILL MAX is a maximum strength, all weather, moisture curing, Silyl Modified Polymer (SMP) based adhesive. It will bond almost anything, anywhere, even in vertical applications, including wood, concrete, brick, plaster, glass, ceramics, metals, rigid pvc, GRP insulation boards and foam polystyrene.

EVO-STIK GRIPFILL MAX contains no solvents or water and as a result is a low odour adhesive, which cures to form a hard elastic rubber bond, with almost no shrinkage and no hazard.



TECHNICAL CHARACTERISTICS

Colour	Warm White
Form	Thixotropic paste
Specific Gravity	1.60 g/ml
Shore A hardness	59
Composition	Moisture curing SM Polymer system.
Application Rate	500 - 750 g/min
Application temperature	+5°C to +40°C
Curing time*	12 minutes
Elongation at Break	180%
Temperature Resistance	-40°C to +90°C
Tensile Strength	2 N/mm ²

* Cure through: Approx. 2mm/24 hours at 23°C/ 50% RH. Fully cured in approx. 24 hours depending on bead width, temperature and humidity.

COVERAGE

- 44 metres of 3mm diameter bead per C20 cartridge
- 14 metres of 5mm diameter bead per C20 cartridge

APPLICATION

IMPORTANT: Before using EVO-STIK GRIPFILL MAX refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

- Surfaces must be sound, clean and free from any contaminants such as dust, oil, grease and any loose material. Damp surfaces must be checked for weak or loose material on the surfaces that the presence of damp might hide.
- EVO-STIK GRIPFILL MAX should not be used on surfaces contaminated by bitumen, and it is not suitable for continuously damp conditions.
- Cut off the dome at the top of the cartridge taking care not to damage the thread. Cut the nozzle to the desired width and angle. Screw the nozzle onto the cartridge.
- Insert the cartridge into a cartridge gun and repeatedly squeeze the trigger until the adhesive appears.

APPLICATION

- Apply parallel beads of adhesive to one of the surfaces, align and bring the surfaces together before the product has skinned.
- Beads 5mm in diameter are generally sufficient. For close fitting surfaces the bead may be reduced to 3mm diameter.
- The degree of separation of the beads of EVO-STIK GRIPFILL MAX will depend upon the rigidity and weight of the panel, board or sign being bonded.
- A perimeter bead should not be applied as this can increase curing times.
- For rigid sheets 100 – 150mm separation between beads is generally sufficient for high loading but may be increased if the load is low (such as lightweight wallboards and foam polystyrene) where 200mm – 500mm is acceptable.
- For less rigid boards the separation may need to be quite small, and it is important to choose the correct bead size to ensure good contact on the mating surfaces.
- Clamp or support the materials until sufficient time has elapsed.

CLEANING

- Uncured product may be removed using cloths lightly dampened with white spirit, after carefully scraping off the bulk.
- Cured product requires mechanical removal.

STORAGE

- Store for up to 18 months from the date of manufacture when stored in original, unopened packaging under cool, dry

conditions within the temperature range of +5°C to +25°C and out of direct sunlight. Protect from frost.

PRECAUTIONS IN USE

EVO-STIK GRIPFILL MAX will not bond Polyethylene, Polypropylene or Teflon. EVO-STIK GRIPFILL MAX must not be used to bond mirrors if the mirror is backed with plastic safety film. Do not bond mirrors to painted surfaces, as the decorative finish will be unable to support the load.

EVO-STIK GRIPFILL MAX should not be used on surfaces contaminated by bitumen, and it is not suitable for continuously damp conditions. It is recommended in overhead applications to always use in conjunction with mechanical fixings. Yellowing can occur in predominantly dark conditions.

EVO-STIK GRIPFILL MAX is paintable with water based and most 2 component paints. Synthetic paints can dry slower. It is recommended to test compatibility with any paints prior to applications.

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice to determine suitability for use.

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 MAX, available at www.bostik.com/uk.

PACKAGING

Product codes	30623762	White C20 x 12
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