



# EVO-STIK Liquid Nails Solvent Free

Solvent free, low odour, gap filling Adhesive

TECHNICAL SHEET NO: TDS00607 10/10/2024

## SMART ADVANTAGES

- High strength, instant grab adhesive
- Can be sanded, painted, and used on most building materials.
- Solvent free

## DESCRIPTION

EVO-STIK Liquid Nails Solvent Free is a solvent free grab adhesive that is ideal for many DIY and repair jobs, often eliminating the need for nails and screws.

EVO-STIK Liquid Nails Solvent Free bonds to most porous and non-porous building surfaces, including decorative wall panels, timber battens, skirtings, dado rails, carpet gripper strips and stair nosings.

Suitable substrates include wood, hardboard, plywood, ceramics, concrete, plasterboard, metal, GRP, and foam polystyrene. When using EVO-STIK Liquid Nails Solvent Free, one of the surfaces to be bonded must be porous. If both surfaces are non-porous use EVO-STIK Serious Stuff which is also solvent free & low odour.



## TECHNICAL CHARACTERISTICS

Colour	Buff
Form	Viscous, gun-grade paste
Specific Gravity	1.61 g/ml
Composition	Acrylic dispersion
Application Rate	1500 g/min
Application temperature	+5°C to +40°C
Curing time*	3 days
Temperature Resistance	-20°C to +75°C
Flow	< 2mm
Usage	400-1000g/m2

\* 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

- 11 metres of 5mm diameter bead per C20 cartridge

## APPLICATION

**IMPORTANT:** Before using EVO-STIK Liquid Nails Solvent Free refer to the relevant Health & Safety Data Sheet, available at [www.bostik.com/uk](http://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.
- 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 within 10 minutes.
- 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 Liquid Nails Solvent Free 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.
- Clamp or support the materials until sufficient time has elapsed.

### APPLICATION FOR STAIR NOSING

- Ensure both the step and the stair nosing are sound, clean, and free of contaminants, obstacles, and loose material.
- Check the step measurements and cut the stair nosing according to the manufacturer's guidance.
- When installing a single channel ( $\leq 70$ mm) stair nosing, apply a line of the adhesive to the underside of the tread part of the profile, approx. 5mm in from the outside or rear edge.
- Apply a second line of the adhesive, spacing it evenly between the corner and the first line of adhesive. For double channel nosings ( $> 70$ mm), apply the second line of the adhesive approx. 10mm away from the inside or riser edge, followed by a third line, spacing it evenly between the first two lines of adhesive.
- Without disturbing the adhesive, turn the nosing over and place the leading edge slightly over the edge of the step.
- Apply pressure to push the stair nosing down and back into position, ensuring the adhesive has spread.

## WALL PANELS:

- When fixing direct to wall surfaces, apply EVO-STIK Liquid Nails Solvent Free as a bead of approximately 6mm diameter around the back of the panel, 50mm from the edge and in horizontal lines approximately 450mm apart.
- When fixing to a battened wall apply 5 - 6mm beads of adhesive to the front of the battens. After application, immediately press the panel to the wall or battens.
- A strong bond achieved in around one hour, but temporary support, e.g. panel pins, may be necessary if the panels are heavy, warped or if gap filling.

## BATTENS:

- Apply EVO-STIK Liquid Nails Solvent Free 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

- 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 Liquid Nails Solvent Free is not suitable for Polythene, Polypropylene, Polyethylene plastics, Teflon (PTFE), bitumen or silicone rubber. EVO-STIK Liquid Nails Solvent Free is not suitable for continuous exposure to water. EVO-STIK Liquid Nails Sol

vent Free should not be used on surfaces contaminated by bitumen, and it is not suitable for continuously damp conditions.

EVO-STIK Liquid Nails Solvent Free is paintable when fully dry. During curing product will show shrinkage, which can cause cracking of the paint. Paintable with water based and synthetic paints. Painting with high water-based paints can create cracking. 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](http://www.bostik.com/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 Liquid Nails Solvent Free, available at [www.bostik.com/uk](http://www.bostik.com/uk).

PACKAGING		
Product codes	30614236	C20 x 12

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