

# Technical Data Sheet

## BS-2700 Liquid Nails



### Features

- ◆ Mirror and polystyrene safe
- ◆ Strong initial grab
- ◆ Non-drip paste
- ◆ Excellent adhesion on most substrates
- ◆ Can be extruded even at low temperatures

### Available Color

- ◆ Brown

### Packaging

- ◆ 300 ml (cartridge)~24/carton

### Storage

- ◆ Highly flammable, keep away from heat source or naked flames. Store in a dry and cool place with temperature below 30 °C.
- ◆ Use within 12 months from date of production.

### Product Specification

Appearance	: Thick Paste
Curing System	: Solvent Evaporation
Solid Content	: 77 %
Density	: 1.16 g/mL
Lap Shear Strength (ASTM D1002)	: 3.2 N/mm <sup>2</sup> (wood to wood)
Open Time (at 25 °C & 50% R.H.)	: Max. 5 minutes (at 25 °C and 50% R.H.)
Curing Time	: 24 – 72 hours
Application Temperature	: -20 °C – 38 °C
Service Temperature	: -30 °C – 60 °C
Freeze/ Thraw Stability	: 5 Cycles

### Description

A one-component, high performance, paste-like construction adhesive formulated to bond a variety of common construction materials. It has strong initial grab, superior adhesion and will not slump on vertical surfaces.

### Applications

Ideal for bonding of skirting boards of wood and PVC, particleboard, masonry, aluminum, galvanized iron, steel, concrete, fibrous cement sheeting, wall brick, concrete and floor panels. It is also safe to use on foamed polystyrene and mirror backed tiles. Not suitable for outdoor use.

### Application Direction

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Cut tip off and puncture the internal foil seal with nozzle. Cut nozzle at 45° angle to desired bead-width and apply to substrate with cartridge gun.
3. For a neat finish, apply masking tape and remove it before construction adhesive skins over.
4. Construction adhesive can be applied either as a two-way contact or a one-way wet stick adhesive (recommended for heavier panels or those that are formed to place a loading or stressed memory on bond line).
5. **Two-way contact** (Lighter substrate bonding): Apply adhesive onto substrate to be bonded, press firmly, and pull apart. Allow to tack-off for 10 to 30 seconds and press firmly together again. Contact areas should be tapped with a rubber mallet to ensure intimate contact.
6. **One-way method** (Heavier substrate bonding): Apply adhesive onto substrate to be bonded, press firmly, and securely fasten them together (clamp, nail, screw, etc.). Retain fastening for a minimum of 24 hours.
7. Any wet or partially wet adhesive can be removed with a piece of cloth. Dried adhesive is best removed with scraper or by sanding.

### Coverage

A 300 ml cartridge will cover 10 meters of 6 mm bead.



## **BS-2700 Liquid Nails**

### **Limitation**

Not suitable for outdoor use. Do not use for overhead mirror installations.

### **Caution**

Highly flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to the nervous system through prolonged or repeated exposure by inhalation. Harmful to aquatic life with long lasting effects. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe fumes. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye protection. IF exposed or concerned: Get medical advice/attention. Store locked up. Safety data sheet available on request.

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.