

Technical Data Sheet

BS-2710 Low VOC Liquid Nails



Features

- ◆ Low VOC Compliant
- ◆ Non-Drip Paste
- ◆ Strong Initial Grab
- ◆ Bonds Most Materials

Available Color

- ◆ Light Brown

Packaging

- ◆ 300 ml (cartridge)~24/carton
- ◆ 5.0 kg (tin can)~4/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	: 70 %
Density	: 1.18 g/mL
Lap Shear Strength (ASTM D1002)	: 5.0 N/mm ² (wood to wood)
VOC Content (USEPA Method 24)	: 18.06 gm/L
Open Time	: Max. 5 minutes (at 25 °C & 50% R.H.)
Curing Time	: 24 – 72 hours
Application Temperature	: -20 °C to 38 °C
Service Temperature	: -30 °C to 60 °C
Freeze/ Thaw Stability	: 5 Cycles

Description

A one-component, low VOC (compliant with SCAQMD rule #1168), paste-like construction adhesive sealant formulated to bond a variety of common construction materials. It has strong initial grab, superior adhesion and will not slump on vertical surfaces. It is suitable for heavy duty general construction, remodeling, maintenance and repair projects.

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 flooring paneling. It is recommended for bonding pedestals of raised access floors to cement floor screed.

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 sealant skins over.
4. Construction adhesive sealant 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.
8. **For raised floor pedestal:** Apply adhesive of 2 - 4 mm thickness to the pedestal base with a scraper. Place the pedestal onto floor with a twisting motion. Adhesive oozed out from pedestal should not exceed 5mm. Do not reposition the pedestal after adhesive is applied for >15 minutes. Two-way contact application method can be used to shorten curing time.



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Coverage

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

Limitation

Not recommended for Polystyrene (Styrofoam). Not recommended for outdoor use.

Caution

Highly flammable liquid and vapour. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. Harmful to aquatic life with long lasting effects. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing fume. Wear protective gloves and eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. 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.