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Revision No.	23-01

Technical Data Sheet

AS-5001

Green Nails



Physical Properties

Base:
Synthetic rubber

Appearance:
Thick paste

Colour:
Light brown

Curing time:
24 – 72 hours

Tack-free Time:
<5 minutes
(at 25 °C & 50% R.H)

Application temperature:
5 °C – 38 °C

Service temperature:
-30 °C – 60 °C

Storage:
Store in a dry and cool place with temperature below 30 °C.

Shelf Life:
12 months

Packaging:

Content	Quantity / carton
350 g cartridge	24

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Visit product page:
https://www.alsealmarketing.com/as-5001-green-nails/

Description

ALSEAL Green Nails is one-component, low VOC (comply with SCAQMD rule #1168) and Leadership in Energy and Environmental Design (LEED) v4.1 EQ compliant, 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, remodelling, maintenance and repair projects.

Features

- Low VOC compliant
- Leadership in Energy and Environmental Design (LEED) v4.1 EQ compliant
- Non-drip paste
- Strong initial grab
- Bonds most materials

Applications

- Ideal for bonding most construction material: wood, particleboard, masonry, metal, concrete, fibre-reinforced cement board, bricks, flooring panel.
- Excellent adhesion for bonding raised access floor pedestals to cement floor screed (tested with CISCA 2007-Section 6: Pedestal Overturning Moment Test).

Technical Data

Curing system	: Solvent evaporation
Specific gravity	: 1.22 g/mL
Solid content	: 70 %
Lap shear strength (ASTM D1002)	: 4.0 MPa (Wood-to-wood)
Freeze/Thaw stability	: 5 cycles
VOC content (USEPA Method 24)	: 18.06 g/L
Pedestal overturning moment (CISCA 2007 – Section 6)	: 170.52 N/m

Approvals/ Specifications

AS-5001 meets the requirements of the following specifications:

- Low VOC - USEPA Method 24 and SCAQMD Method 303-91 under SCAQMD Rule 1168
- Leadership in Energy and Environmental Design (LEED) v4.1 EQ compliant

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AS-5001
Green Nails

Usage Instructions

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. For a neat finish, apply masking tape and remove it before construction adhesive skins over.
3. 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.
4. **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.
5. **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.
6. 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.
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 350 g cartridge will cover 10 meters of 6 mm bead.

Limitation

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

Caution

Highly flammable liquid and vapour. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. 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 dust / fume / gas / mist / vapours / spray. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. Call a POISON CENTRE or doctor if you feel unwell. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs: Get medical advice/attention.

Disclaimer

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.

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