Issuance Date	10/06/2015
Revision Date	27/02/2026
Revision No.	26-01

Technical Data Sheet

AS-5000
Aqua Nails



Physical Properties

Base:
Synthetic rubber

Appearance:
Thick paste

Colour:
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-5000-aqua-nails/

Description

ALSEAL Aqua Nails is a one-component, high performance, 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.

Features

- Mirror and polystyrene safe
- Superior adhesion on most substrates
- Strong initial grab
- Non-drip paste

Applications

- Ideal for bonding most construction materials: wood, particle board, metal, concrete, fibre-reinforced cement board, ceramics, bricks, flooring panels.
- Can be used on polystyrene and mirror.

Technical Data

Curing system	: Solvent evaporation
Specific gravity	: 1.20 g/mL
Solid content	: 77 %
Lap shear strength (ASTM D1002)	: 3.2 N/mm² (Wood-to-wood)
Freeze/Thaw stability	: 5 cycles

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. Any wet or partially wet adhesive can be removed with a piece of cloth. Dried adhesive is best removed with scraper or by sanding.

Clean Up

- Wet sealants can be cleaned up with acetone or mineral spirits.
- Cured sealants can only be removed mechanically.

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Coverage

A 350 g cartridge will cover 10 meters of 6 mm bead.

Limitation

Not recommended for outdoor use.

Caution

Contains AMIDE WAX. Highly flammable liquid and vapour. May cause drowsiness or dizziness. Causes skin irritation. Harmful to aquatic life. Toxic to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read carefully and follow all instructions. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Keep container tightly closed. Ground and bond container and receiving equipment.

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.