


 <small>A member of</small> 	VITAL TECHNICAL SDN. BHD.		 
	Technical Data Sheet		
	VT-239 Clear Nails		

Issuance date: 18/12/2023

Revision date: 25/06/2025

Revision No.: 25-01

VT-239 Clear Nails

Construction Adhesive Sealant

BASE

Synthetic rubber

PHYSICAL STATE

Thick paste

COLOUR

Translucent

OPEN TIME

Max. 5 minutes
(at 25 °C & 50% R.H.)

CURING TIME

24 to 72 hours

PACKAGING

300 mL/cartridge
(24 cartridges/carton)

SHELF LIFE

18 months (cartridge)

STORAGE

Store in a dry and cool place with temperature around 30 °C

APPLICATION TEMPERATURE

-10 °C to 38 °C

SERVICE TEMPERATURE

-30 °C to 60 °C

DESCRIPTION



VT-239 Clear Nails is a translucent one-component construction adhesive sealant. Formulated for bonding a diverse range of common construction materials, especially when aesthetic is paramount. It has a strong initial grab, superior adhesion, and does not slump on vertical surfaces.

TECHNICAL DATA

Curing system	: Solvent evaporation	
Specific gravity	: 0.91 g/mL	
Lap shear strength	: > 1.5 MPa	ASTM D1002 (Wood-to-wood)
Solid content	: 60 to 63 %	
Freeze / thaw stability (down to -40°C)	: 5 cycles	

FEATURES

- Translucent paste
- Strong initial grab
- Non-drip paste
- Excellent adhesion on most substrates
- Can be extruded even at low temperatures

APPLICATION

- Bonding most construction materials: wood, particle board, metal, concrete, fiber-reinforced cement board, ceramics, bricks, and flooring panels.
- Ideal for colour-coated glass, stained glass, decorative glass and shower screen application.

APPLICATION DIRECTION

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.

LIMITATIONS





Not suitable for outdoor use.

CAUTION

Highly flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Harmful 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. Store locked up.

LEGAL NOTES

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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