



VITAL TECHNICAL SDN. BHD.

Technical Data Sheet

VT-234  
Multi Purpose Construction Adhesive



Issuance date: 27/07/2010

Revision date: 26/01/2021

Revision No.: 21-01

# VT-234 Multi Purpose Construction Adhesive

## Construction Adhesive Sealant

### BASE

Synthetic rubber

### PHYSICAL STATE

Thick paste

### COLOUR

Reddish brown

### OPEN TIME

Max. 5 minutes  
(at 25 °C & 50% R.H.)

### CURING TIME

24 – 72 hours

### PACKAGING

300 mL/cartridge  
(24 cartridges/carton)

### SHELF LIFE

12 months (cartridge)

### STORAGE

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

### APPLICATION TEMPERATURE

-20 °C – 38 °C

### SERVICE TEMPERATURE

-30 °C - 60 °C

### DESCRIPTION

A high performance, construction adhesive sealant formulated to bond a variety of common construction materials. It has strong initial grab, superior adhesion, will not slump on vertical surfaces, and works well in cold temperature.



### TECHNICAL DATA

Curing system	: Solvent evaporation	
Specific gravity	: 1.23 g/mL	
Lap shear strength	: 3.3 N/mm <sup>2</sup>	ASTM D1002
Solid content	: 78 %	
Freeze/Thaw stability	: 5 cycles	

### FEATURES

- Cold weather application
- Non-drip paste
- Superior adhesion

### APPLICATION




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

### 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.

### COVERAGE

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

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**LIMITATIONS** Not suitable for outdoor use.

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**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.

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