



VITAL TECHNICAL SDN. BHD.

Technical Data Sheet

VT-133 Vital Nails

Construction Adhesive Sealant



Issuance date: 31/03/2008

Revision date: 27/02/2026

Revision No.: 26-01

Product Specifications:

Appearance	: Thick paste
Colour	: Brown
Solids	: 76 – 78 %
Consistency	: Thixotropic
Specific gravity	: Approx. 1.16 ± 0.01 g/mL
Open time	: Max. 40 mins. at 23°C and 50% R.H.
Curing time	: 24-72 hours depending on temperature and porosity of surface.
Water Absorption	: Does absorb water to a certain extent which lowers the mechanical properties. Not to be used for constructions that will be exposed to severe water immersion.
Lap shear strength (ASTM D1002)	: 4.43 N/mm ² (Wood to wood)
Application temperature	: -20 °C to 38 °C
Service temperature	: -30°C to 60 °C
Freeze/Thaw stability	: 5 cycles
Coverage	: 400–1000g/m ² depending on the smoothness and porosity of the surface and desired strength of the construction to be glued.
Shelf life	: 24 months
Features	: Excellent adhesion : Strong initial grab : Bonds most materials : Does not slump

Packaging

Product Code	Content	Inner Box	Carton
VT-133	75 g tube card	12	144
VT-133-32	32 g tube card	12	144



Visit product page:
<https://vitaltechnical.com/product/vt-133-vital-nails/>

Product Description:

A one-component, high performance, paste-like construction adhesive sealant formulated to bond a variety of common construction materials. It has strong initial grab, excellent adhesion and will not slump on vertical surfaces.

Applications:

Skirting board of wood and PVC, particleboard, masonry, aluminium, galvanized iron, steel, concrete, fibrous cement sheeting, wall brick, concrete and flooring panelling. It is also safe to use on foamed polystyrene and mirror backed tiles.

Directions:

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. 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.
3. Replace cap after use and store in a cool, dry place.

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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.

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 24 months from date of production.

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 will not 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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