

	VITAL TECHNICAL SDN. BHD.	 
	Technical Data Sheet	
	VT-225 Rapid Drying Gap Sealant	

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VT-225 Rapid Drying Gap Sealant

Fast Drying Acrylic Sealant



BASE

Water-based acrylic

PHYSICAL STATE

Non-sagging paste

COLOUR

White

TOOLING TIME / WORKING TIME

<10 minutes
(at 25°C & 50% R.H.)

SKIN-FORM TIME

10 minutes

PAINT OVER TIME

10 minutes
(with water-based paint)

PACKAGING

450 g/ cartridge
(24 cartridges / carton)

SHELF LIFE

24 months (cartridge)

STORAGE

Store in a dry and cool place with temperature below 30 °C
(Do not store below 5 °C)

APPLICATION TEMPERATURE

5 °C – 50 °C

SERVICE TEMPERATURE

-10 °C – 75 °C

DESCRIPTION



VT-225 Rapid Drying Gap Sealant is a premium grade acrylic sealant formulated for fast paint over time (10 minutes). It is suitable for sealing applications where a fast paint over is required. It is paintable and formulated for sealing gaps and joints where movements or vibrations are expected.

TECHNICAL DATA

Base	: Acrylic latex	
Curing system	: Water evaporation	
Specific gravity	: 1.62 g/mL	
Solid content	: 80%	
Slump test	: No slump	ASTM D 2202
Stain index	: No stain	ASTM D 2203
Maximum Tensile strength	: 1.2 N/mm ²	ASTM D 412
Elongation at break	: 190%	ASTM D 412
Shore A hardness	: 21	ASTM D 2240
Low VOC compliance	: Yes	SCAQMD Rule #1168
VOC content	: 36.97 g/L	USEPA Method 24

FEATURES

- 10 minutes paint over time
- Low VOC compliant
- Paintable
- Permanently flexible & easy clean up

APPLICABLE TESTS / STANDARDS

- VT-225 meets the requirements of:
- Low VOC - USEPA Method 24 and SCAQMD Method 304-91 under SCAQMD Rule 1168

APPLICATION

It is ideal for sealing applications where a fast paint over time is required. It also good for general sealing applications (door and window joints, cabinet and wardrobe installation, skirting of wood flooring, etc.). Suitable for various substrates (metal, PVC, wood, concrete, gypsum boards, reinforced cement boards, marble, etc.).

PREPARATION

- Substrate surface must be dry and clean; free of dirt, grease, oil, or standing water.
- For a neat finishing, use masking tape and remove it within the working time.
- For sealant designs with depth of over 10 mm, use approved backing materials.

APPLICATION DIRECTION

- Surfaces must be clean, dry and free of dirt, grease, oil or water.
- Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. Do not use soap or detergent.
- For a neat finish, apply masking tape and remove it before sealant skins over.
- Cut nozzle at 45° angle to desired bead-width and apply to substrate with cartridge gun.
- Tool the sealant within 10 minutes of extrusion before it skins.
- After tooling, wait at least 10 minutes before applying water-based paint.
- Uncured sealant can be cleaned up with damp cloth.

CLEAN UP

- Wet sealants can be cleaned up with water.
- Cured sealants can only be removed mechanically.

LIMITATIONS

- Not recommended for following applications:
- Applied outdoors if it is likely to be rained upon within 2 hours of application.
 - Use in areas of constant water immersion.

CAUTION

Contains a mixture of CMIT/MIT. May produce an allergic reaction. Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

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.