



VITAL TECHNICAL SDN. BHD.

Technical Data Sheet

VT-220 Seal-All-Gaps



Issuance date: 31/03/08

Revision date: 18/09/17

Revision No.: 01-17

VT-220 / 220S Seal-All-Gaps

General Purpose Water-based Acrylic Sealant



BASE

Water-based acrylic

PHYSICAL STATE

Non-sagging paste

COLOR

White

WORKING TIME

<10 minutes
(at 25°C & 50% R.H.)

PACKAGING

480 g/ cartridge
(24 cartridges/carton)
960 g/ sausage
(20 sausages/carton)

SHELF LIFE

12 months (cartridge)
12 months (sausage)

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-220 Seal-All-Gaps is an environmentally friendly acrylic sealant for general purpose sealing applications. It is paintable and formulated for sealing gaps and joints where slight movements or vibrations are expected.

TECHNICAL DATA

Base	: Acrylic latex	
Curing system	: Water evaporation	
Density	: 1.60 – 1.65 g/mL	
Solid Content	: 80 – 82%	
Slump Test	: No slump	ASTM D 2202
Stain Index	: No stain	ASTM D 2203
Tensile Strength	: >0.5 N/mm ²	ASTM D 412
Elongation	: >100%	ASTM D 412
Shore A Hardness	: Approx. 30	ASTM D 2240
Low VOC Compliant	: Yes; 36 g/L	USEPA Method 24

FEATURES

- Paintable
- Permanently flexible
- Easy clean up

APPLICATION

- 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.
- Use the two-cloth method to clean if surface is dirty.
- For a neat finishing, use masking tapes and remove it within the working time.
- For sealant designs with depths of over 10 mm, use approved backing materials.

APPLICATION DIRECTION

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. Do not use soap or detergent.
3. For a neat finish, apply masking tape and remove it before sealant skins over.
4. Cut nozzle at 45° angle to desired bead-width and apply to substrate with cartridge gun.
5. Tool the sealant within 5 minutes of extrusion before it skins.
6. Allow to dry for one hour before applying water-based paint and 24 hours for oil-based paint.
7. Uncured sealant can be cleaned up with damp cloth.

CLEAN UP

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



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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.
- Joint movement more than 10%.

CAUTION

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.