

	VITAL TECHNICAL SDN. BHD.	  <small>CERTIFICATE NUMBER 6884</small>	Date : 13/11/06
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PRODUCT SPECIFICATION:

CURING SYSTEM	ACETOXY
APPEARANCE	NON-SAGGING PASTE
ODOUR	VINEGAR SMELL
SPECIFIC GRAVITY	1.03±0.01
SHORE A HARDNESS	23 APPROX.
ELONGATION	400%
TENSILE STRENGTH	2.0±0.2MPa
TACK FREE TIME	15 MINUTES
APPLICATION TEMP.	-20 °C TO 50 °C
SERVICE TEMP.	-50 °C TO 200 °C
SHELF LIFE	12 MONTHS



Product Description:

A one component, high performance industrial grade, acetic cure 100% silicone sealant formulated for glazing and sealing applications where long term reliability is required. It has excellent resistance to weathering, UV radiation, vibration, moisture, ozone, temperature extremes, airborne pollutants, and many cleaning detergents and solvents. It is suitable for both indoor and outdoor applications.

Applications:




General Glazing: Glass, fiberglass, plastic, aluminum, most painted and powder-coated materials.
 Curtain-wall Sealing: Glass, metal and plastic.
 General Sealing: Sheet Metal, Skylights, ventilators, air-conditioning.
 Ideal for glass sealing applications like aquarium.

Directions:

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. Soap or detergent and water treatments are not recommended.
3. For a neat finish, apply masking tape and remove it before sealant has skinned over.
4. Cut nozzle at 45° angle to desired bread-width and apply to substrate with cartridge gun.
5. Tooling time is 5 minutes, tack free time is 15 minutes.
6. Uncured sealant can be cleaned up with mineral spirits.
7. Use approved backing material for joints over 10mm deep.

Limitations:

VT-200 Glass Sealant IS AN ACETIC ACID CURING SILICONE AND IS NOT SUITABLE WHERE THE ACETIC ACID COMPONENT WILL CORRODE THE BASE MATERIAL.
 NOT FOR: TRAFFIC AREAS OR AREAS SUBJECT TO ABRASION.
 NOT FOR: STRUCTURAL GLAZING.
 NOT FOR: ON MARBLE, QUARTZITE OR NATURAL STONES.

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Joint Design:

THE SPECIFIED SEALANT BEAD SIZE SHOULD BE CALCULATED TO COMPLY WITH THE COMPRESSION AND EXTENSION CAPABILITIES OF THE SEALANT IN RELATION TO THE ANTICIPATED JOINT WIDTH DUE TO EXPANSION AND CONTRACTION.

GENERALLY CALCULATION OF THE WIDTH OF VT-200 Glass SEALANT BEAD SHOULD BE COMPUTED ON THE BASIS OF A MAXIMUM $\pm 20\%$

COMPRESSION AND EXTENSION CAPABILITY MINIMUM BEAD SIZE SHOULD NOT BE LESS THAN 3mm TO ACCOMMODATE MOVEMENT. DESIGN JOINT DEPTH OF WHICH RATIO WIDTH BECOMES 0.5 TO 1.

SUITABLE JOINT DEPTH VS WIDTH:

6mm x 6mm

8mm x 12mm

10mm x 20mm

- * JOINT SIZE MINIMUM 6mm x 6mm.
- * JOINT SIZE MAXIMUM 30mm.

Caution:

UNCURED SEALANT MAY CAUSE SKIN, EYE AND RESPIRATORY SYSTEM IRRITATION.

USE ONLY IN WELL VENTILATED AREAS.

USE APPROPRIATE PERSONAL PROTECTION TO AVOID CONTACT WITH SKIN AND EYES.

IN CASE OF EYE CONTACT OR IRRITATION, FLUSH EYE IMMEDIATELY WITH RUNNING WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION.

IN CASE OF SKIN CONTACT, WASH AFFECTED AREAS WITH HAND CLEANER FOLLOWED BY SOAP AND WATER. PRODUCT RELEASES ACETIC ACID DURING APPLICATION AND CURING. FOR FURTHER HEALTH AND SAFETY INFORMATION CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET.

Every endeavor 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 various 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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