

<b>Technical Data</b> <b>Sheet</b> <b>Issue Date: 01-08-03</b>		<b>Product Code:</b> <b>VT-260</b> <b>PU Construction Sealant</b>
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**Product Description:**

A one component, low modulus polyurethane sealant formulated for construction joint sealing applications. It will bond to form a durable, flexible seal capable of cyclic expansion and compression movement of 50% ( $\pm 25\%$ ) of the original width. It is virtually unaffected by normal weathering conditions such as rain, UV radiation, snow, atmospheric contamination and pollution etc.

**Applications:**

Well-suited for insitu concrete, precast and tilt up panels, brick & block-work, plaster board, aluminum windows, granite, sandstone and marble, GRC, fiberglass & specialty systems, metal curtain wall, water tank etc.

**SPECIFICATION (after 7 days cure at 25°C and 50%RH):**

CURING SYSTEM	Moisture curing
APPEARANCE	NON-SAGGING PASTE
TACK FREE TIME	6-12 hours
RATE OF CURE IN MM/24H	2
TENSILE STRENGTH	1.3 N/mm <sup>2</sup>
SHORE A HARDNESS	30 (Approx.)
ELONGATION	900%
APPLICATION TEMP.	5°C to 35°C
SERVICE TEMP.	-40°C to +70°C
FULL CURE	7 days on porous substrates
SHELF LIFE	12 months
PACKAGING	600ml sausage
COLOR	Grey, Black, White, other colors available on request

**Coverage:**

The coverage below is the approximate lineal meter coverage per pack size (600ml):

Joint size	6 mm x 6 mm	10 mm x 10 mm	20mm x 10 mm
Estimated length	16.7 m	6 m	3 m

Formula       $(W \times D \times L) \div 1000 = \text{litre}$

W = Width (mm)      D = Depth (mm)      L = Length (meter)

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**Directions:**

Surfaces must be clean, dry and free of dirt, grease, oil or water.  
Dust and loose particles should be blown out of joints or vacuum cleaned.  
Non porous surfaces may require preparation / priming.  
Cleaning solvents should not be allowed to dry or evaporate without being wiped with a clean, dry cloth.  
Clip the end of the sausage and place in a barrel gun.  
Screw end cap and nozzle on the barrel gun.  
Use the trigger to extrude the sealant and to stop using the catch plate.  
Apply the sealant in a continuous bead using enough pressure to properly fill the joint.  
For a neat finish, apply masking tape and remove it before sealant has skinned over.

**LIMITATIONS:**

The VT-260 PU Construction Sealant should **not** be:  
Use in chlorinated water such as swimming pools, spas etc.  
Constant immersed in salt water.  
Used for glazing applications.  
Applied to cement based substrates within 28 days  
Used in trafficable joints greater than 10mm width  
Applied at temperatures below 5°C

**JOINT DESIGN HINTS:**

Prime prior to the installation of the backing rod  
Always use backing rod for correct sealant geometry  
Ensure maximum adhesion to bond face and depth to width ratio of 1:1 to 12mm and 2:1 from 12mm to 50mm.  
Tool sealant to achieve concave shape.

**CAUTION:**

UNCURED SEALANT MAY CAUSE SKIN, EYE AND RESPIRATORY SYSTEM IRRITATION.  
USE ONLY IN WELL VENTILATED AREAS.  
USE APPROPRIATE PERSONAL PROTECTION GOGGLES AND GLOVES TO AVOID CONTACT WITH SKIN AND EYES.  
IN CASE OF EYE CONTACT, REMOVE CONTAMINATED CLOTHING AND WASH SKIN THOROUGHLY FOR 15 MINUTES AND SEE A DOCTOR ASAP.  
FOR FURTHER HEALTH AND SAFETY INFORMATION REFER TO THE CURRENT MATERIAL SAFETY DATA SHEET.

<p>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.</p>
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