



VX SwellMaster is a specially formulated hydrophilic sealing bar based on butyl rubber for preventive sealing of construction joints. It is designed to form to the contours of rough surfaces so that once the second casting of concrete is poured, a continued gasket seal is achieved in both horizontal and vertical construction joints.

VX SwellMaster controls expansion in both potable and concrete water achieving a hydrostatic head pressure resistance of 6 bar. SwellMaster's special formulation allows it to achieve consistent expansion and hydrostatic resistance in multiple wet and dry cycles giving it long term water stopping capabilities.

Due to the specially formulated compounding of SwellMaster, it does not pre-expand when exposed to the wet condition of a project. For easy on-site handling, VX SwellMaster has a special non-stick coating.

It is based on high quality butyl rubber that retains its shape after 3 wet and dry cycles. It has a good resistance to a wide range of chemicals. Final confirmation about compatibility under specific conditions can be obtained from our technical department.

TECHNICAL DATA

Properties	Typical Value	
Volume Expansion in Potable Water	Up to 160% Up to 134% Up to 60m (6.0 Bar)	
Volume Expansion in Concrete Water		
Hydrostatic Head Pressure Resistance		
Colour	Black	
Density	1.47 g/cm³	
Bending Radius on The Corners	180°C 0°C to 50°C	
Temperature Resistance		
Chemical Resistance	Good overall chemical resistance, but we advise to be careful with aromatic oils and fuels, vegetal oils and strong aromatic solvents	





Resistant





Good Chemical Resistant



3 Wet & Dry Cycles



Hydrostatic Pressure Resistance

TEST REPORT

30 days weather exposure test	✓
Water immersion test in both potable and concrete water	✓
Hydrostatic Head Pressure Resistance test in both potable and concrete water	✓
3 wet and dry cycle tests for both water immersion and hydrostatic head pressure	✓

PACKAGING

Size	Roll	Roll/Box	Box/Pallet
20 x 5 mm	15 m	5	81
20 x 10 mm	10 m	5	81
20 x 15 mm	6.25 m	6	72
20 x 19 mm	5 m	6	48

SHELF LIFE & STORAGE

24 months in unopened condition. Store in a cool-dry covered place and avoid direct exposure to sunlight

Disclaimer. The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials substrates and actual size conditions are such that no warranty in respect of merchantability of or fitness for particular purpose, nor any liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in the brochure may change at any time without notice.







APPLICATION

Do not install VX SwellMaster during heavy rainfall as it may result in swelling before the concrete has been poured on the sealing bar.

Apply a 3cm wide coat of VX PolyMaster Adhesive to the concrete surface where VX SwellMaster Sealing will be installed and one coat of VX PolyMaster Adhesive to one side of VX SwellMaster Sealing.

Firmly press the coated side of VX SwellMaster to the prepared surface of the concrete, ensuring that full contact of VX SwellMaster and concrete surface. VX SwellMaster must be fully bonded with no gaps between it and the concrete surface.

No overlapping is needed at VX SwellMaster joints. A butt joint is recommended. Butt two ends of VX SwellMaster together and knead the ends together forming a watertight joint.

Sealing bars that are damaged, already swollen or of which the geometry has changed may not be installed.

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