



**Good Temperature Resistant**



**Good Chemical Resistant**



**3 Wet & Dry Cycles**



**Hydrostatic Pressure Resistance**

### AREA OF USE

- Suitable for preventive sealing of construction joints in concrete and reinforced concrete construction against non-pressing and pressing ground water up to 6 bar.
- Vertical and horizontal applications except expansion joints
- For basements, water tanks, water retaining structures, swimming pools, king post and pipe penetrations

### TECHNICAL DATA\*

Properties	Typical Value
Volume Expansion in Potable Water	Up to 160%
Volume Expansion in Concrete Water	Up to 134%
Hydrostatic Head Pressure Resistance	Up to 60m (6.0 Bar)
Colour	Black
Density	1.47 g/cm <sup>3</sup>
Bending Radius on The Corners	180°C
Temperature Resistance	0°C to 50°C
Chemical Resistance	Good overall chemical resistance, but we advise to be careful with aromatic oils and fuels, vegetal oils and strong aromatic solvents.

\*Indicative Values - No Specification

MVX SwellPro 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.

MVX SwellPro controls expansion in both potable and concrete water achieving a hydrostatic head pressure resistance of 6 bar. SwellPro'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 SwellPro, it does not pre-expand when exposed to the wet condition of a project. For easy on-site handling, MVX SwellPro 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.

### ➤ 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	✓

### ➤ Shelf Life & Storage

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

### ➤ Packaging

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

## 🔴 Application

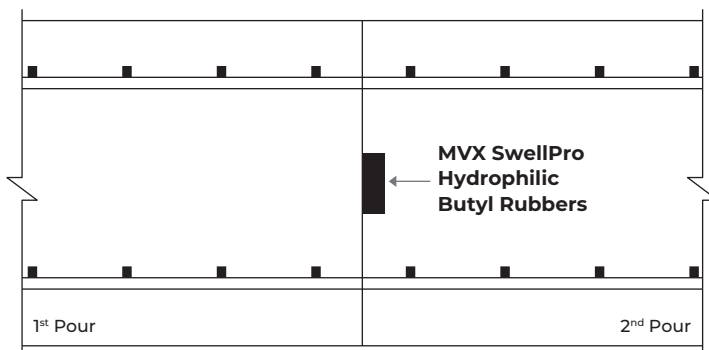
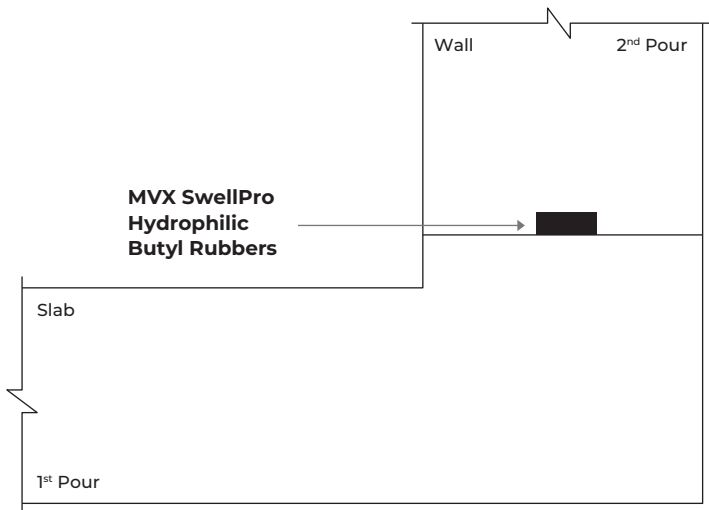
Do not install MVX SwellPro during heavy rainfall as it may result in swelling before the concrete has been poured on the sealing bar.

Apply a 3cm wide coat of MVX DualPro W/D Adhesive to the concrete surface where MVX SwellPro will be installed and one coat of MVX DualPro W/D Adhesive to one side of MVX SwellPro.

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

No overlapping is needed at MVX SwellPro joints. A butt joint is recommended. Butt two ends of MVX SwellPro 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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**Disclaimer.** The information and 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 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.