

# **MVX SwellPaste Pro**

Water Swellable Polyurethane Adhesive



MVX SwellPaste Pro is a high quality, one component polyurethane adhesive which swells in contact with water. Upon contact with water, the paste can expand up to 450% of its original volume.



Good High
Chemical Elongation
Resistant Rate







High Swelling Rate

# AREA OF USE

For sealing of concrete structures

#### Preparation

Ensure the surface is free of any laitance, dirt, oil, wax or debris which may prevent the MVX SwellPaste Pro from properly adhering to the surface.

#### Application

No primer is required when applying MVX SwellPaste Pro on a clean concrete surface. Optimal fixation is achieved when the full contact area of the water swellable sealing bar is covered with paste.

After application of the paste, the water swellable sealing bar needs to be pressed down to ensure full contact with the paste underneath and to achieve optimal adhesion.

### Shelf Life & Storage

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

#### Packaging

Cartridge	Cartridge Per Box	Boxes Per Pallet
310ML	12	120

### **TECHNICAL DATA**

Droportios

Properties	Typical Value	
Base	Polyurethane	
Colour	Champagne	
Curing System	Moisture Cure	
Application Temperature	1°C to 30°C	
Skin Formation	120 mins	
Curing Rate	1.8mm/24hrs	
Hardness	15 Shore A	
Shrinkage	Max 4%	
Density	1.37g/ML	
Temperature Resistance	-30°C to +90°C	
E-Modulus in Film ( DIN 53504 )	0.34 N/mm²	
Tear Strength in Film ( DIN 53504 )	ca. 0.60 N/mm²	
Elongation at Break in Film ( DIN 53504 )	>800%	
E-Modulus in Joint ( ISO 839 )	ca. 0.12 N/mm²	
Tear Strength in Joint ( ISO 839 )	ca. 0.20 N/mm²	
Elongation at Break in Joint (ISO 839)	>250%	

Typical Value

February 2023. Version 1.

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.



