

Solco Waterstop Swellable Paste

Description:

Solco Waterstop Swellable Paste 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.



Technical Data:

Property	Value
Base	Polyurethane
Colour	Champagne
Curing System	Moisture Cure
Application Temperature	+1°C to +30°C
Skin Formation	120 minutes
Curing Rate	1.8 mm/24hr
Hardness	15 ShA
Shrinkage (Max)	4%
Density	1.37 g/ml
Temperature Resistance	-30°C to + 90°C
E-Modulus in Film <small>[DIN 53504]</small>	0.34 N/mm ²
Tear Strength in Film <small>[DIN 53504]</small>	ca. 0.60 N/mm ²
Elongation at Break in Film <small>[DIN 53504]</small>	>800%
E-Modulus in Joint <small>[ISO 839]</small>	ca. 0.12 N/mm ²
Tear Strength in Joint <small>[ISO 839]</small>	ca. 0.20 N/mm ²
Elongation at Break in Joint <small>[ISO 839]</small>	>250%

* values may vary depending on environmental factors such as temperature, moisture and type of substrate.

Chemical Base:

- High quality, water swellable one component polyurethane adhesive.

Storage & Packaging:

- Maximum 9 months storage from production date in its original unopened carton.
- Storage is recommended in a dry and cool area with temperatures between +5°C and +25°C.

310ml Cartridge.

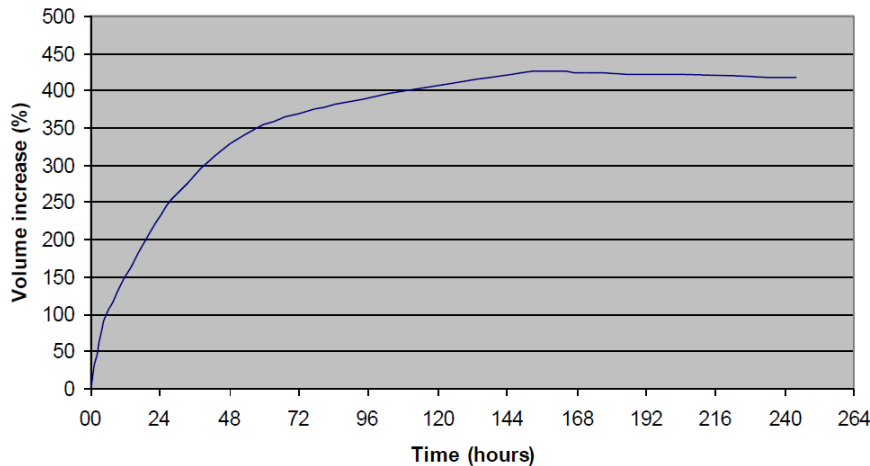
12 Cartridges per Box (3,720ml).

120 Boxes per Pallet (446,400ml).

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Swelling Characteristics:

Adhesive bead extruded, fully immersed in water at 23°C.



Application:

- No primer is required when applying Solco Swellable Paste on a clean concrete surface.
- For optimal adhesion, a stable, clean, dust, oil, and fat-free surface is recommended. If required, cleaning with acetone or isopropanol is recommended.
- 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.

Safety and Environment:

- Apply usual industry hygiene.