

Technical Data Sheet

StoJet J Thane Flex

Flexible polyurethane injection resin



Characteristics

Properties

- Ease of application
- Low viscosity
- Good adhesion to the substrate
- Elastic properties to accommodate movement
- Impermeable to water
- Shrinkage free cure
- Ability to withstand permanent water pressure
- Variable reaction time
- Cures to a flexible pore free polyurethane sealing compound in dry conditions and to a flexible expanded closed cell foam in wet conditions

Application

Injection by hand or mechanical pump

Area of Use

- Injection of cracks in structure subject to further movement
- Filling of dry, damp or wet cracks in concrete, stone or masonry
- Durable sealing of water bearing cracks in concrete
- Elastic sealing and filling of fine cracks, honeycombs voids etc.

Technical Data

Data	Criteria	Test Standard	Value	Unit
StoJet J Thane Flex				
	Specific Gravity @ 25°C		1.10	
	Viscosity @ 25°C	Brookfield DV II Spindle No. 2 @ 60 rpm	450 - 600	cps
	Flashpoint		> 200	°C
	Elongation		> 34	%
	Slant Shear Bond Strength	BS 6319	8	N/mm ²
StoJet J Thane Accelerator				
	Specific Gravity @ 25°C		1.0	
	Viscosity @ 25°C	Brookfield DV II Spindle No. 2 @ 60 rpm	25 – 35	cps
	Flashpoint		> 180	°C

The values stated are average values. Due to the use of natural raw materials in our products, the actual value determined on an individual delivery may deviate slightly without compromising product suitability.

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Application					
Procedure of use	<p>StoJet J Thane Flex can be injected directly into a leaking crack, fracture or joint, or it can be injected 1: 1 with water.</p> <p>When use together with StoJet J Thane Accelerator, it should be added at approx. 3% - 5% part by volume.</p> <p>After injection has taken place, StoJet J Thane Flex will form to expand and fill the void, forming a tight, impermeable elastomeric seal, stopping the water flow.</p> <p>It is recommended that the material be conditioned to appropriate temperatures for at least 12 hours prior to application.</p> <p>Always make sure that the material is homogeneous and shake well. At temperatures below 10°C crystallization may occur, however after heating (indirect heat) and mixing the liquid is restored to its original quality.</p>				
Application Temperature	<p>Minimum application temperature + 10 °C</p> <p>Maximum application temperature + 45 °C</p>				
Cleaning Tools	Tools must be cleaned immediately after use with thinner.				
Delivery					
Colour	<table border="1"> <tr> <td>StoJet J Thane Flex</td> <td>Yellow</td> </tr> <tr> <td>StoJet J Thane Accelerator</td> <td>Colourless</td> </tr> </table>	StoJet J Thane Flex	Yellow	StoJet J Thane Accelerator	Colourless
StoJet J Thane Flex	Yellow				
StoJet J Thane Accelerator	Colourless				
Packing	<table border="1"> <tr> <td>StoJet J Thane Flex</td> <td>20 kg</td> </tr> <tr> <td>StoJet J Thane Accelerator</td> <td>2 kg</td> </tr> </table>	StoJet J Thane Flex	20 kg	StoJet J Thane Accelerator	2 kg
StoJet J Thane Flex	20 kg				
StoJet J Thane Accelerator	2 kg				
Storage					
Storage life / conditions	The shelf life of StoJet J Thane Flex & Accelerator is approximately 12 months if stored in cool dry conditions.				
Special Notes					
Safety Precautions	<p>After full curing, StoJet J Thane Flex is physiologically harmless. Keep the uncured mixture away from eyes, mouth and skin.</p> <p>Do not inhale vapour. Protective gloves should be used when handling this product. Splashes on the skin should be washed with soap and plenty of water.</p> <p>DO NOT use solvent. The use of goggles is recommended, however, should accidental eye contamination occur, rinse thoroughly with plenty of clean running water and seek medical treatment immediately.</p> <p>Application equipment on which StoJet J Thane Flex has hardened and stuck fast should NOT be cleaned with a paint stripping torch as this will result in the formation of toxic gases.</p>				
Technical Support	Please consult Sto Technical Service Centre or the local sales office for further information and any site assistance required.				

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Special Notes

Disclaimer

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.

Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on www.sto-sea.com.

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