

Technical Data Sheet

StoJet J Thane

Polyurethane injection resin



Characteristics

- Area of application**
- Voids and joints in concrete
 - Used for soil stabilisation
 - Sealing leaks in structure such as :-
 - Basements
 - Water tanks
 - Tunnels
 - Pipes / culverts
 - Sewage plants
 - Reservoirs

- Properties**
- Ease of application
 - Low viscosity
 - Variable reaction time
 - Shrinkage free cure
 - High expansion ratio (up to 30 times)
 - Particularly suitable of sealing under wet, running water conditions
 - Non-toxic, suitable for use in contact with potable water as tested to SS375:1994
 - Good chemical resistance

- Application method**
- Injection by hand or mechanical pump

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Criteria	Standard / test specification	Value / Unit	Notes
StoJet J Thane			
Specific Gravity @ 25°C		1.11	
Viscosity @ 25°C	Brookfield DV II Spindle No. 2 @ 60 rpm	180 – 220 cps	
Flashpoint		> 180 °C	
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 characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

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Application

Procedure of use

StoJet J Thane is a complete system for water cut off on concrete, masonry structures and sandy soils, even when strong leaks are encountered.

Adaptable reaction time is possible by varying the StoJet J Thane Accelerator ratio from 2% - 10%.

Reaction with the water results in the formation of a rigid polyurethane foam, hydrophobic and chemically resistant.

Note :

Always make sure that the material is homogeneous, shake well before use. Keep containers sealed while not being used. Moisture may be absorbed into StoJet J Thane from the atmosphere. Careful consideration should be given to applications below 10°C to avoid possible crystallization.

Reaction Time

At 25°C

StoJet J Thane 100 parts by weight

StoJet J Thane ACC % by weight as stated in table

Water 10 parts by weight

StoJet J Thane Accelerator	1%	2%	5%	10%
Cream time	73 sec	55 sec	24 sec	20 sec
Rise time	8 min	4 min 45 sec	115 sec	63 sec
Expansion rate	1000 %	1500 %	2500 %	3000 %

Application Temperature

Minimum application temperature + 10 °C

Maximum application temperature + 45 °C

Cleaning Tools

Tools must be cleaned immediately after use with thinner.

Delivery

Colour

StoJet J Thane

Brown

StoJet J Thane Accelerator

Colourless

Packing

StoJet J Thane

20 kg

StoJet J Thane Accelerator

2 kg

Storage

Storage life / conditions

The shelf life of StoJet J Thane & Accelerator is approximately 12 months if stored in cool dry conditions.

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Special notes

Health & Safety Please refer to Safety Data Sheet

Technical Support Please consult the local sales office for further information and any site assistance required.

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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*Product images may differ from the actual product.