

## Product Description

THANE ONE is a water reactive, polyurethane injection resin. This hydrophilic one-component product is solvent free. THANE ONE reacts with water and expands to form an elastomer gel or dense flexible elastomer foam, depending on the amount of water. A minimum quantity of water or moisture generates the reaction, but THANE ONE will also tolerate large amounts of water

### Use

- Injection of cracks of various sizes
- Soil stabilization
- Water leakage control in reservoirs, tunnels, foundations, dams, sewers, expansion joints and cavities in concrete

### Advantages

- Only one component
- Ideal consistency for injection work
- Solvent free
- Non corrosive
- Forms a closed-cell foam
- Insoluble in water
- Very flexible
- Reacts even with cold water (3°C)
- Reacts quickly
- Resists well to the acids or alkalis usually present in the ground
- Adheres greatly to concrete
- Sold in USA on an other name and certified NSF / ANSI 61-199



## Physical Properties

<b>Aspect :</b>	Liquid	<b>Viscosity at 25°C :</b>	750±75cps (ASTM D-1638)
<b>Colour :</b>	Brown	<b>Flash point :</b>	200°C (ASTM D-93)
<b>Coverage:</b>	Approximately 1000 cm <sup>3</sup> / Liter 60 in <sup>3</sup>	<b>Specific gravitt:</b>	1,1
		<b>Elongation :</b>	> 400% (ASTM 3574)

## Installation Guide

Contacting a KRYTEX products representative to verify the recommended methods for specific applications is suggested.

### Substrate and preparation

The temperature of the substrate and water influences the reaction time. Better results are obtained when the resin reacts in clean concrete, free of calcareous deposits and contaminants. A pre-cleaning with **OXY-CEM** may be advisable.

### Mix

Nothing

### Application

THANE ONE may be injected with manual, electrical or pneumatic pumps. Dual-component pumps (water, resin) may be used also. The surfaces to be injected must be moist or wet in order to generate the reaction. Injection of this type of expandable gel should be done in confined spaces. The reaction speed depends on the temperature of the product and water. The reaction may begin in less than a minute. Verifying the time of reaction depending on the quality, quantity and temperature of the water is suggested.

## Packaging / Storage

**20 kg pail (18,9L)**

**200 kg drums**

Store securely in a dry, heated and ventilated place.

## Precautionary mesures

Following the usual safety rules and precautions is recommended. Ensure adequate ventilation. Avoid contact with skin and eyes. In case of eye contact, flush with water and seek medical attention. In case of skin contact, wash with water and soap.

For industrial use only. Refer to the Material Safety Data Sheet.

## Technical Services and Guarantees

Contact your KRYTEX products representative for assistance, if need be.

KRYTEX products are guaranteed to be free from manufacturing defects. This information is based on tests which we believe reliable. Since conditions during application are beyond our control, the supplier and/or manufacturer decline all liability except for the replacement of the materials proven to be defective.

Classe de transport: TMD : Not regulated

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