

# Eurotaff Inject 530

## Semi flexible injective Polyurethane grout

Eurotaff Inject 530 + EUROTAFF CAT 530

### Description

EUROTAFF INJECT 525 + Eurotaff cat.530 is a single-shot hydrophobic polyurethane based on MDI in combination with polyether polyols and an amine based catalyst. The system only reacts when it comes into contact with water, producing a semi-flexible polyurethane foam.

### Advantages

- Can withstand high hydrostatic pressures
- Variable reaction times
- Semi-flexible
- Reacts with saline and mineral water
- Medium viscosity
- Solvent free, environmentally safe.

### Typical applications

- Sealing against water ingress
- Sealing against leaking cracks and joints.
- Sealing against water in masonry and Brickwork
- Void filling



### Specifications

EUROTAFF INJECT AR 530	
Appearance	Brown liq.
Viscosity at 25°C Brookfield DV11 Spindle no.2 at 60rpm	300-400mPas
Flash point	>180°C
Density at 25°C	1.12
EUROTAFF Catalyst 530	
Appearance	Clear liq.
Viscosity at 25°C Brookfield DV11 Spindle no.2 at 60 rpm	25-35m pas
Flash point	>180°C
Density at 25°C	1.00

Initial reaction time					Cream time			
CATL. 530	1 %	2 %	5 %	10 %	1 %	2 %	5 %	10 %
15 °C	33 "	33 "	30 "	26 "	13' 50 "	11' 5"	6' 20"	3' 10"
25 °C	30 "	30 "	26 "	24 "	12' 10"	10' 10"	4' 30"	3'
Final curing time					Expansion rate			
CATL. 530	1 %	2 %	5 %	10 %	1 %	2 %	5 %	10 %
15 °C	>1hr	>1hr	20'	5' 10"	>4X	>9X	>14X	>20X
25 °C	>1hr	>1hr	17"	3' 40"	>6X	>15X	>20X	>30X

Eurotaff 530: 100 parts by weight

Eurotaff catalyst 530: As a percentage of Eurotaff 530 by weight. Contact manufacturer

Water: In all tests, 10 parts by weight

# Eurotaff Inject 530

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## APPLICATION GUIDELINES

Eurotaff Inject 530 + Eurotaff catalyst 530 is an injective system for void filling and leak sealing in concrete, masonry structures and sandy soils. Adaptable reaction time is possible by varying the catalyst ratio from between 2% to 10%. Reaction with water results in the formation of a semi-flexible polyurethane foam which is hydrophobic and chemically resistant. The reaction time can be set from 30 sec to 12 minutes. (See table of reaction times overleaf.) The pre-mixed resin can be pumped by means of a single component injection pump that is equipped with high pressure.