

Eurotaff Inject 570

A flexible polyurethane grout

Description

Eurotaff Inject 570 is a flexible injective grout based on a prepolymer of polyurethane (part A) and polyol component (part B). The polyol component has been degassed to help reduce foaming during the reaction with the polyurethane prepolymer, giving a hydrophobic resin.

Advantages

- Forms impermeable elastomeric seal
- Can withstand very high pressure
- Can be cut or drilled out
- Slightly expansive and resilient
- Flexible

Typical applications

- Sealing and waterproofing cracks
- Sealing pipe ducts
- Sealing cable entries
- Sealing dry cracks prone to periodical water ingress
- Secondary injection
- For use with pre-fabricated injection tube.



Specifications

EUROTAAFF INJECT AR 570	
Appearance	Dark brown
Viscosity at 25°C Brookfield DV11 Spindle no.2 at 60rpm	350-450mPas
Pot life at 20°C (85g sample)	40min.apr.
Density at 25°C	1.1
EUROTAAFF Catalyst 570	
0%	40 minutes
2%	5 minutes
4%	1.5 minutes
6%	40 seconds
Mixing in large quantities will reduce the working life of the material.	

Reaction Times:

The following shows the influence of adding Eurotaff Inject 570 Catalyst 570.

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