

Acrylic Injection Gel

## DESCRIPTION

GeoTek AC is a two-component ultra-low viscosity hydrophilic acrylic grout, which when set forms a resilient gel. Adjusting the amount of accelerator varies the gel time to enable greater control on site.



## KEY BENEFITS

- > Ultra-low viscosity  $\leq 5$  mPa-s
- > Adjustable gel times
- > Can be used from +3°C to +40°C
- > Reacts even in the presence of mineral and saline water
- > Potable water certified

## TYPICAL APPLICATIONS

- > Void filling in fractured rock
- > Soil stabilisation
- > Tightening up after cement grouting

## TECHNICAL DATA

Reaction Time - GeoTek AC				
Comp A	Acc	Comp B	Hardener	Gel Time
100%	2%	100%	2%	7'40"
100%	4%	100%	3%	3'25"
100%	6%	100%	4%	1'30"
100%	8%	100%	5%	0'30"
100%	10%	100%	6%	0'10"

GeoTek AC All at 25°C	
Product	Appearance
Component A	Opaque Liquid
Accelerator	Opaque Liquid
Hardener	White Powder
Mixed	Opaque liquid

Component A	
Viscosity	$\leq 20$ mPa-s
Mixed Product	
Viscosity	$\leq 5$ mPa-s
Solids	21%
Density	1.05
Flash point	$> 150^\circ\text{C}$
Form	Solid Gel

All technical data stated herein is based on tests carried out under laboratory conditions.

## APPLICATION GUIDELINES

### Mixing

Component A is the resin to which the accelerator is dispersed at the required ratio prior to injection.

Component B is potable water to which the hardener is dissolved at the required ratio prior to injection.

Note: Once the accelerator and hardener have been dosed they should be used within 24 hours.

### Application

GeoTek AC is injected at a ratio of 1:1 Part A: Part B by volume. Ideally using a twin piston pump such as Tam TP2 or if extremely careful, a single component pump.

### Reaction Times

Reaction times depend on temperature and the amount of accelerator used. The reaction time table on the previous page is given as a guide only and site trials must be undertaken to determine the most suitable reaction time to suit prevailing conditions.

Whilst any information and/or specification contained herein is to the best of our knowledge, true and accurate, we always recommend that a trial be carried out to confirm suitability of the product. Please note regional climatic conditions may cause a variation in the performance of the product. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents or distributors. The information in this data sheet is effective from the date shown and supersedes all previous data. Please check with your local Normet office to confirm that this is current issue.

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## RELATED PRODUCTS & EQUIPMENT

Injection probes  
Injection packers  
Hand pumps and air driven pumps

## YIELD

1 kg = 0.95 litres

## STORAGE

GeoTek AC should be stored at room temperature (min 10°C and max 38°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of six months can be expected.

## HEALTH & SAFETY

GeoTek AC should only be used as directed. We always recommend that the Safety data sheet is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety data sheet is available upon request from your local Normet representative.