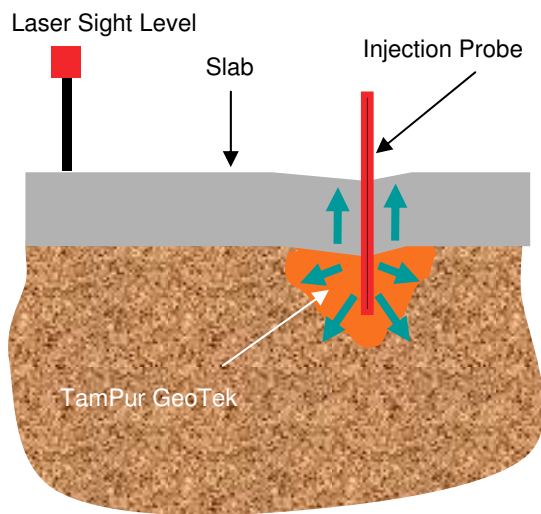


▶ Description

TamPur GeoTek is based on a polyol component (part A) and a polymeric MDI (part B). When mixed, a low viscosity hydrophobic polyurethane grout is formed which is tough, rigid and resistant to a wide range of chemicals.

Raising/Stabilizing Ground Slabs



▶ Key Benefits

- High expansion ratio
- Low viscosity
- Solvent free, environmentally safe.
- Simple 1:1 mix ratio
- Long pot life

▶ Typical Applications

- Soil stabilization
- Underpinning foundations
- Consolidation for ground anchors
- Void filling
- Lifting of sunken slabs

▶ Technical Data

TamPur GeoTek (Part A)	
Colour	Clear
Density	1.02
Mix ratio (A:B by volume)	1:1
TamPur GeoTek (Part B)	
Colour	Dark brown
Density	1.20
Mix ratio (A:B by volume)	1:1

TamPur GeoTek Mixed at a ratio of 1:1		
Colour	Light brown	
Density	1.1	
Final cure	7 days	
Viscosity	240 - 280cps	
Elongation at break	3 - 4%	
Expansion	Up to 16 times	
Reaction Times	@ 15°C	@ 25°C
Standard	40 minutes	25 minutes
2% Accelerator added	10 minutes	3 minutes
5% Accelerator added	90 seconds	60 seconds

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

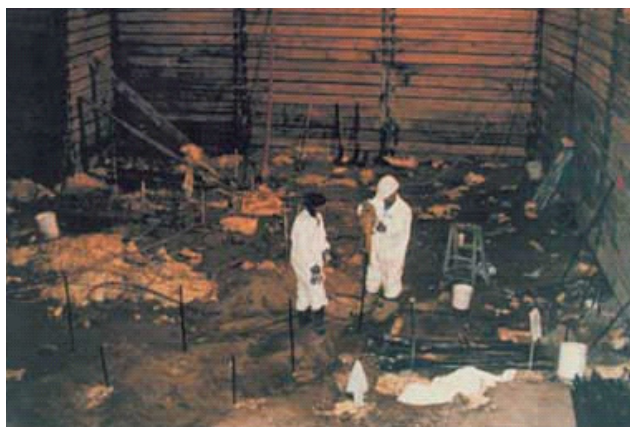
▶ Application Guidelines

TamPur GeoTek is a dual component material mixed at a ratio of 1:1 by volume. It is best mixed in a suitable mixing head from a twin piston pump (Tam TP2). When the material has cured, it forms a rigid polyurethane grout. This product may also be used as a single component but care must be taken not to exceed the pot life.

The reaction time and expansion rate will vary depending on the temperature and the amount of TamPur GeoTek Accelerator used.

Please see under technical data the amount of Accelerator required for the most suitable reaction time and we always recommend that a trial is carried out on site to determine the exact amount of accelerator required to gain the desired properties. Please contact your local TAM International representative should you require any further information regarding suitability or application of this product.

Note: Always make sure that the material is homogenous, shake containers well before use. Careful consideration should be given to applications below 10°C to avoid possible crystallization.



▶ Related Products & Equipment

TamPur Cleaner
Tam Injection probes
Tam injection packers
Tam hand pumps and air driven pumps

▶ Yield

1kg = 0.9 litres

▶ Storage

TamPur GeoTek 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 1 year can be expected.

▶ Health & Safety

TamPur GeoTek should only be used as directed. We always recommend that the Health & 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 Health & Safety data sheet is available upon request from your local TAM International representative.