



CIVIL & GEOTECHNICAL SOLUTIONS



SealBoss®

Civil & Geotechnical Solutions



Product Data Sheet

	GT PU1403 PU RESIN	GT PU1510 PU FOAM	GT PA2400 ACRYLATE	GT SI2810 SILFOAM	GT SI2850 SILFLEX
PERMANENT SEALING GROUTING	+	○	+	○	○
ROCK STABILIZATION GROUTING	+	-	-	+	+
VOID FILL & CONTACT GROUTING	-	+	-	+	-
CONSOLIDATED GROUTING	+	+	+	+	+
TUNNEL FACE GROUTING	-	-	○	+	+
UMBRELLA GROUTING	○	○	○	+	+

MAIN APPLICATION
 NOT INTENDED
 SUITABLE

GT INJECTION PUMPS

IP-GT1C-SS Injection Pump
Single Component Membrane Pump



IP-GT2C Injection Pump
Two Component Reciprocating Pump



IP-GT3C-SS Injection Pump
Three Component Reciprocating Pump



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Injection Lances

- Lances available in Solid Pipe, Perforated, and/or Sleeved
- Suitable for ground stabilization with PU, Silicate, and Microfine
- Combination sets available to suit strata conditions
- Suitable for horizontal and vertical lance probe injection

GT PU1403 PU RESIN

Flexible, dry-reactive polyurethane resins are ideal for stabilization, consolidation, and sealing applications requiring both fast curing and high strengths. Because the GT PU1400 polyurethanes cure in both dry and wet conditions, they are extremely versatile in many subsoil, rock mass, and strata conditions.

Key Features:

- Wet and dry reactions
- High strength product
- Fast base reaction time
- Adjustable reaction times

GT PU1510 PU FOAM

Semi-rigid, hydro-active polyurethane foams provide a fast and immediate solution to water infiltration issues. Because the polyurethane foams exhibit extreme foaming and expansion characteristics, the GT PU1500 Line is ideal for void filling and leak sealing applications. Polyurethane foams are also suitable for solidification and consolidation grouting of non-cohesive soils and substrates.

Key Features:

- Adjustable reaction times
- High expansion rates (30x)
- Fast curing for immediate sealing
- Hydro-active

GT PA2400 ACRYLATE

Highly flexible, ultra low-viscosity polyacrylate systems are widely used in the Geotechnical industry for permanent sealing, consolidation, and umbrella grouting applications. Due to their excellent adhesive and penetrating properties, the GT PA2400 polyacrylates are ideal for sealing of defective membranes, permeation grouting requirements, and various microtunneling applications.

Key Features:

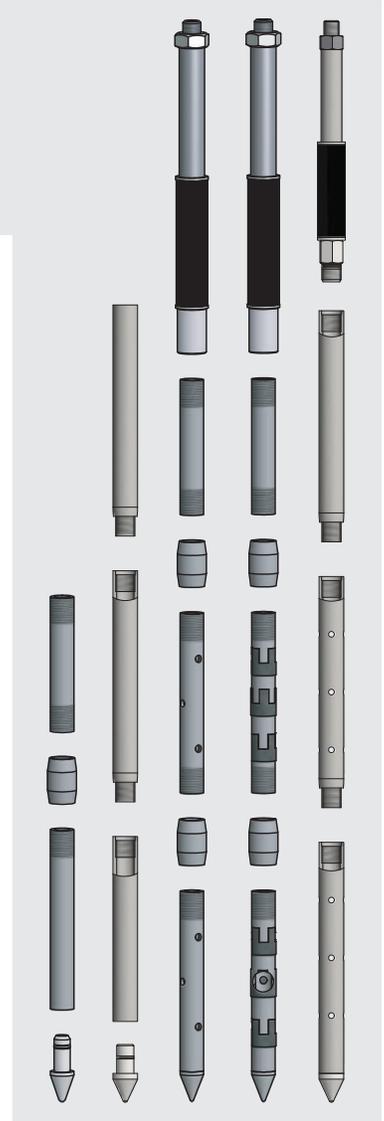
- Ultra low viscosity for optimal penetration
- Adjustable reaction times
- Tenacious adhesion
- Highly flexible absorbing dynamic loads
- Environmentally sound

GT SI2810 SILFOAM & GT SI2850 SILFLEX

The GT silicate mineral grouts foams are ideal for temporary sealing of foundation pits and tunnel systems. The silicate mineral grouts are fast to develop strength characteristics while providing a cohesive substrate ideal for cutting and planing at the tunnel face.

Key Features:

- Fast development of high strengths
- Cuts and planes well
- Environmentally sound
- Good adhesion properties



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