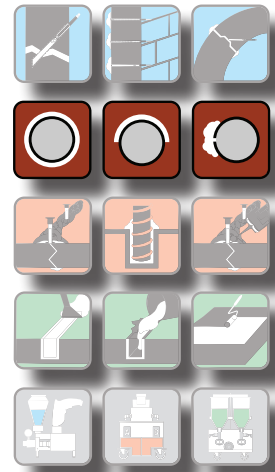


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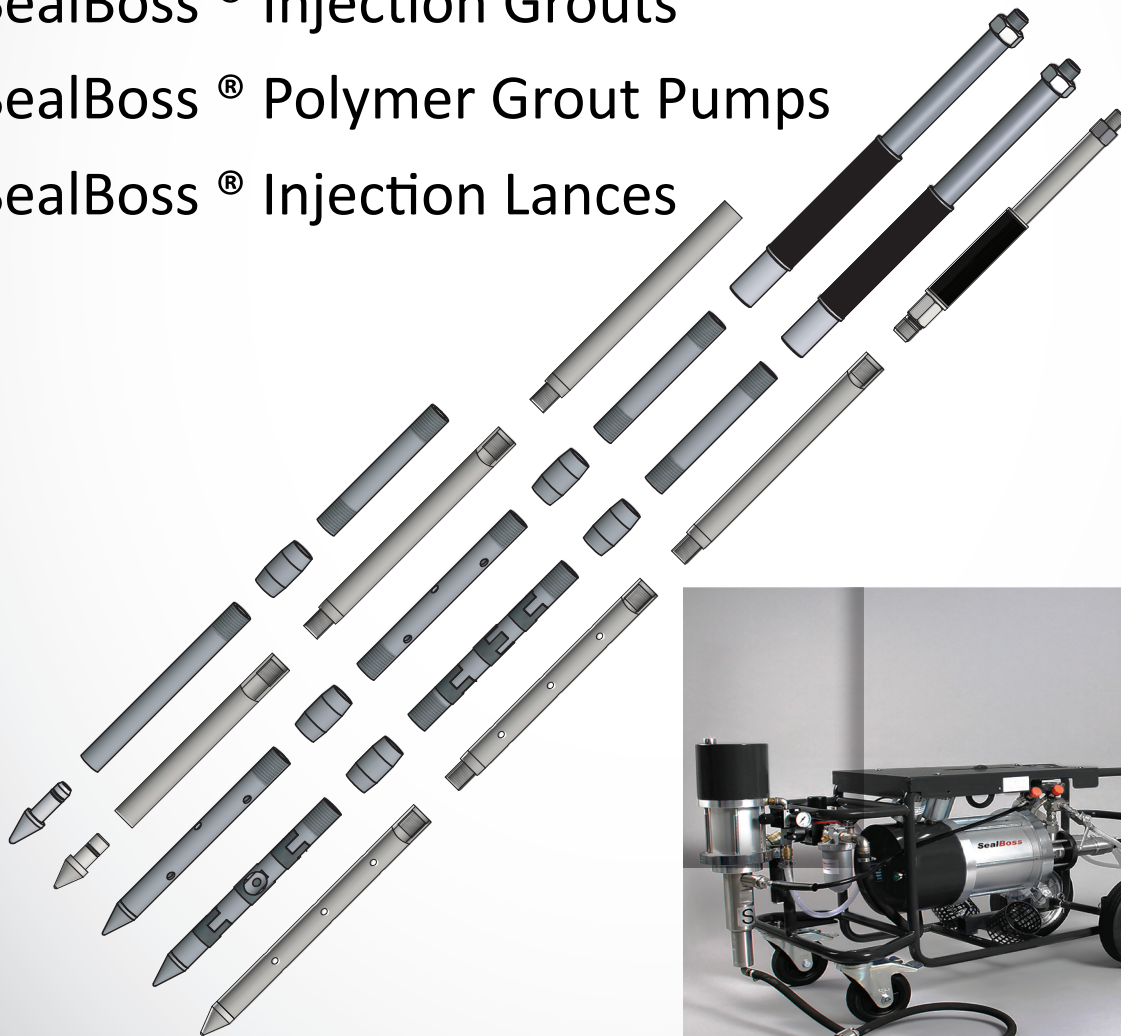


Civil & Geotechnical Systems Soil Densification, Stabilization & Permeation

SealBoss® Injection Grouts

SealBoss® Polymer Grout Pumps

SealBoss® Injection Lances












SealBoss®

Civil & Geotechnical Solutions



Product Data Sheet

	SB 1403 PU RESIN	SB 1510 PU FOAM	SB 2400 ACRYLATE	SB 2810 SILFOAM	SB 2850 SILFLEX
 PERMANENT SEALING GROUTING	+	○	+	○	○
 ROCK STABILIZATION GROUTING	+	-	-	+	+
 VOID FILL & CONTACT GROUTING	-	+	-	+	-
 CONSOLIDATED GROUTING	+	+	+	+	+
 TUNNEL FACE GROUTING	-	-	○	+	+
 UMBRELLA GROUTING	○	○	○	+	+
<div>  MAIN APPLICATION  NOT INTENDED  SUITABLE </div>					

Recommended Injection Pumps

SL-1C Injection Pump

Single Component Membrane Pump



SL-2C Injection Pump

Two Component Reciprocating Pump



SL-3C Injection Pump

Three Component Reciprocating Pump



SealBoss® Civil & Geotechnical Solutions



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

1403 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

1510 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

2400 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:

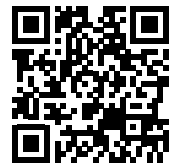
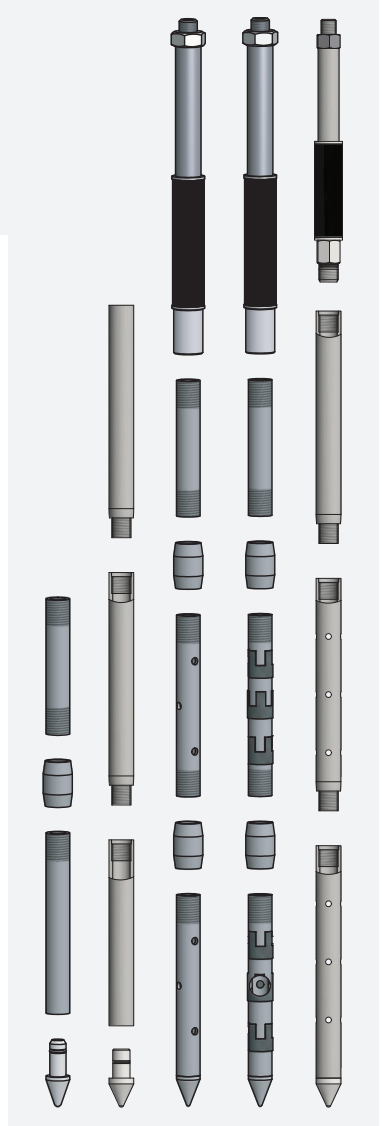
- Ultra low viscosity for optimal penetration
- Adjustable reaction times
- Tenacious adhesion
- Highly flexible absorbing dynamic loads
- Environmentally sound

2810 SILFOAM & 2850 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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