GeoTech

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
- Permanent Sealing Grouting
- Rock Stabilization Grouting
- Void Fill & Contact Grouting
- Tunnel Face Grouting
- Umbrella Grouting
- **Main Application**

### SB 1510 PU FOAM
- **Not Intended**

### SB 2400 ACRYLATE
- **Not Intended**

### SB 2810 SILFOAM
- **Suitable**

### SB 2850 SILFLEX
- **Suitable**

### Recommended Injection Pumps

<table>
<thead>
<tr>
<th>Injection Pump</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL-1C</td>
<td>Single Component Membrane Pump</td>
</tr>
<tr>
<td>SL-2C</td>
<td>Two Component Reciprocating Pump</td>
</tr>
<tr>
<td>SL-3C</td>
<td>Three Component Reciprocating Pump</td>
</tr>
</tbody>
</table>

---

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 microutunneling 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

Limited Warranty Policy and Disclaimer for Products Supplied and/or Distributed by SealBoss Corp.: SealBoss Corp. Products are for Professional Use. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use. SealBoss Corp. warrants supplied / distributed products to be free of manufacturing defects. Seller’s and manufacturer’s sole responsibility shall be to replace that portion of the product of the manufacturer which proves to be defective. There are no other warranties by SealBoss Corp. of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. SealBoss Corp. shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. SealBoss Corp. shall not be responsible for use of this product in a manner to infringe on any patent or any other intellectual property rights held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, UV damage, excessive temperature exposure, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. SealBoss Corp. reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of or inability to use the product. Recommendations and statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller. SealBoss Corp. reserves the right to change the properties of products without notice.