



Injection Chemicals

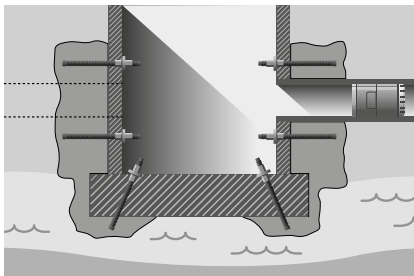
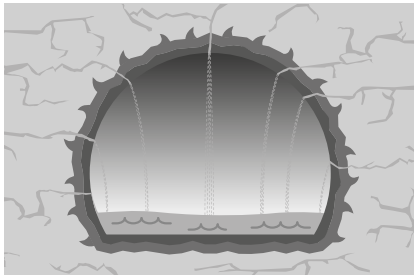
***for Underground
Applications***



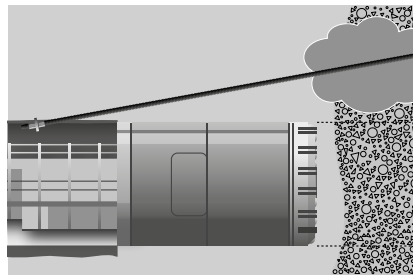
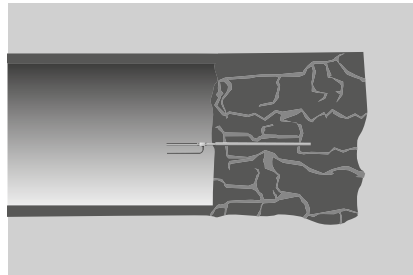
Fields of Application



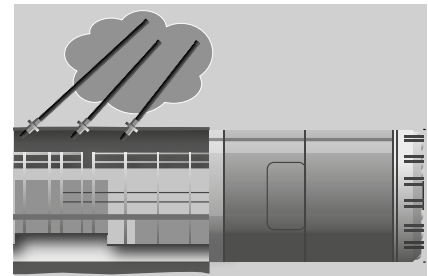
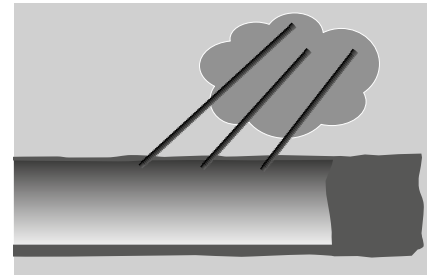
Sealing



Stabilization



Filing



Emergency Kit

Types of injection emergency kits

- Prepared in advance: default applications
- Just-in-time system solution
- 10 [ft] or 20 [ft] GP container
- Material: Steel and chemical consumables
- Equipment: Injection pumps etc.
- Support by DSI Underground competence centers

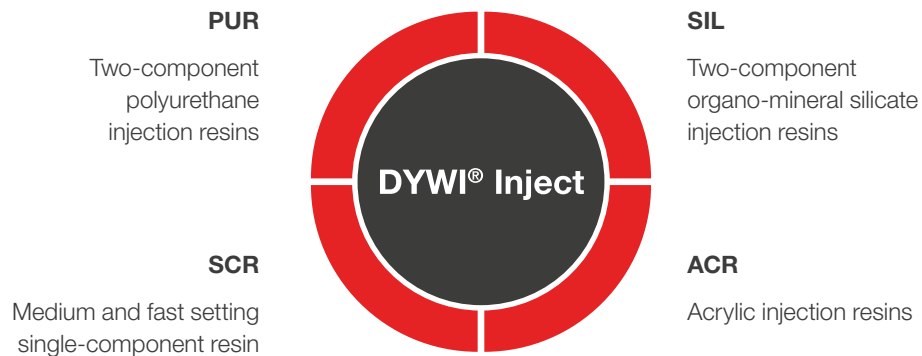
DSI Underground as solution provider

- One-stop shop: all material from one source
- Quick reaction: contingency material stock and experience in global logistics
- Support throughout all project phases:
From initial evaluation to method statement to material supply to on-site application

System Solutions

Type	Product Designation	Application							
		Water ingress	High pressure water ingress	Sealing (gas & water)	Ground stabilization	Ground consolidation	Cavity filling	Backfilling	Bolt bonding
Two-Component Injection Resins									
PUR	Fast Setting Polyurethane Injection Resins	+++	+++	+	++	+	----	----	----
	Medium and Slow Setting Polyurethane Injection Resins	----	----	+++	+++	+++	----	----	+
	Fast Setting Polyurethane Injection Foam Resins	+++	+++	+	++	----	----	----	----
SIL	Organo-Mineral Silicate Injection Resins	---	---	++	+++	+++	----	----	+
	Organo-Mineral Silicate Bolting Resins ¹⁾	----	----	+	++	----	----	----	+++
	Organo-Mineral Silicate Injection Foam Resins	+	----	+	+++	+++	+++	+++	----
Single-Component Injection Resins									
SCR	Fast Setting Polyurethane Injection Resins	+	----	+++	++	+	----	----	----
	Medium and Slow Setting Polyurethane Injection Resins	----	----	+	++	++	----	----	----
Acrylic Injection Resins									
ACR	Acrylic Injection Resins	----	----	----	+++	+++	----	----	----
	Acrylic Injection Gel Resins	----	----	+++	++	+	----	----	----

1) See separate brochure "Bonding Agents for Bolting"





Please note:

This brochure serves basic information purposes only. Technical data and information provided herein shall be considered non-binding and may be subject to change without notice. We do not assume any liability for losses or damages attributed to the use of this technical data and any improper use of our products. Should you require further information on particular products, please do not hesitate to contact us.

DSI Tunneling LLC
1032 East Chestnut Street
KY 40204 Louisville
USA

Phone +1-502-473 1010

E-mail dsiunderground@dsiunderground.com

www.dsitunneling.com