



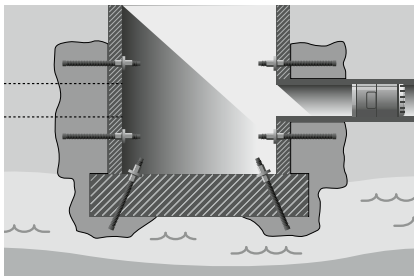
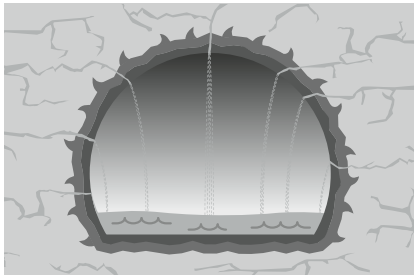
Injection Chemicals

***for Underground
Applications***

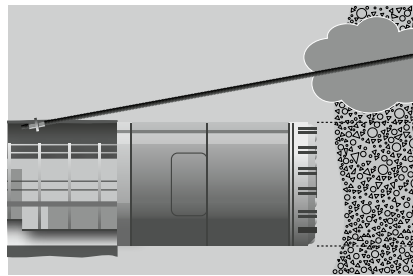
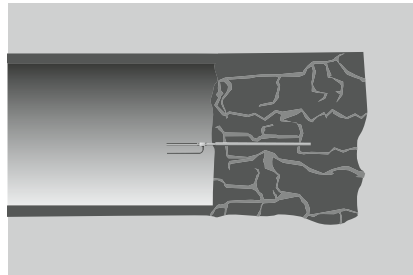
Fields of Application



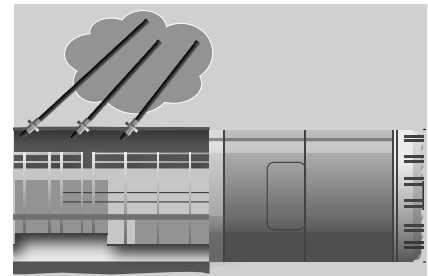
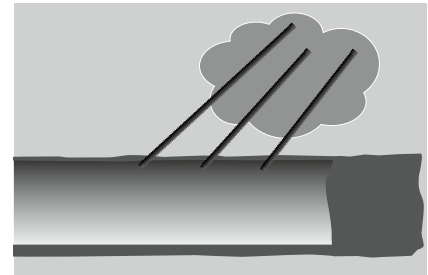
Sealing



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

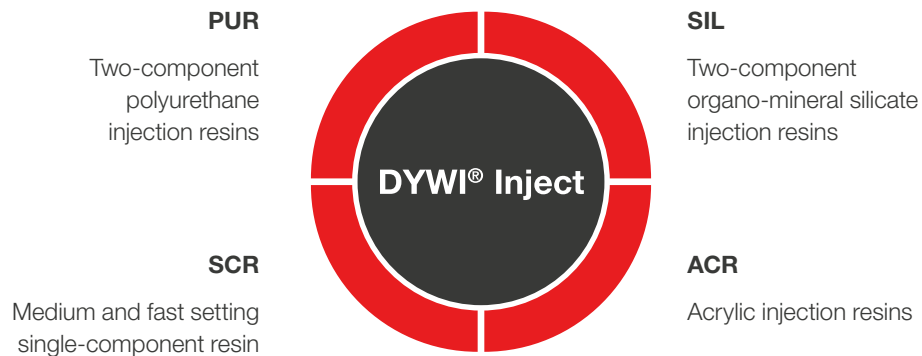
DSI Underground as solution provider

- 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"





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