



DESCRIPTION

CREST CW465 is a high performance low viscosity hydrophobic MDI Polyurethane injection grout, used to increase load bearing capacity of loose soils, void filling or underpinning. CW465 reacts slower for deeper penetration, consolidating gravel layers and loose soils and stopping water. (expands to foam in presence of water)

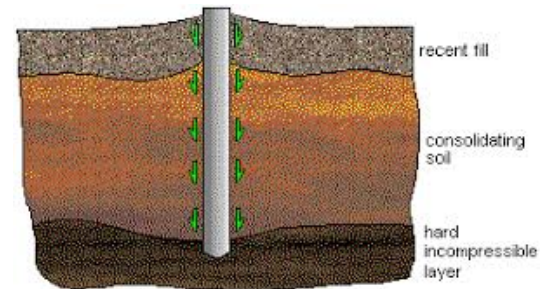
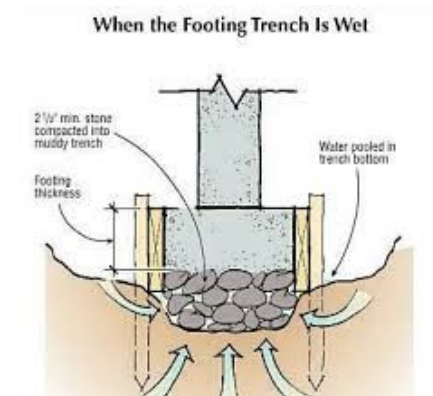
Injection should occur until the water flow stops. Used for pre-injection or waterproofing and consolidation in front of TBM and drill and blast.

FEATURES

- Phthalates free resins.
- Solvent free
- Fast or slow reactions possible.
- Mixing 1:1 by volume.
- Can be applied in dry or wet conditions
- Environmentally friendly.
- Rapid strength gain.
- High strength & non shrink.
- Bonds with soil and concrete.
- Stops repeated water erosion.
- Designed for the long distant injection.
- Compressive Strength - 40N/mm² at 7 days (with fine sand)
- Tensile Strength - 1.5MPa (ASTMD638)
- Youngs Strength - 50 MPa (ASTM D638)

PROPERTIES

	POLYOL	ISOCYANATE
Appearance	Amber	Dark Brown
Viscosity	70-120cps	345cps
SG	1.07	1.24
	MIXED MATERIALS	
Cream Time	20-30 seconds	
Gel Time	80 - 95 seconds	
Rise Time	Approx 5 minutes	
Pot Life	5 Minutes	



EQUIPMENT & CRITERIA

RP465 Rigid Polyurethane can only be injected using specialist contractors, utilising equipment approved by Crest Cormix. Electric and Hydraulic Plural component reactors, such as the following are accepted and approved machines;

- Graco Reactor Series 2 E-XP2
- Graco Reactor E-10HP
- Graco Reactor Series 1 & 2 H-XP2 & H-XP3



POWER

Supply and distribution must be sized according to the requirement of the machine and ancillary equipment used. Insufficient power and wide power fluctuations can cause reactors to shut down and display error codes, or worse damage electronics. Please consider other power tools being used such as lighting, fans and vacuums in addition to peak draw when items like compressors switch on/off. Operation manuals detail system requirements however, if in doubt contact your equipment supplier.

PACKAGING

400 Litre KITS (465kg)
200 Litre POLYOL PART B / 200 Litre ISO PART A

**STORAGE AND HANDLING**
PRECAUTIONS

When opening a container, care must be taken to release any internal pressure slowly. To prevent ingress of moisture, drums must be kept tightly sealed when not in use.

**HEALTH & SAFETY ADVICE**

Refer to CREST CORMIX Pty Ltd for safety data sheets, for both individual Part A & B components of this material. Avoid skin & eye contact. Wear rubber gloves and safety goggles. Hands should be cleaned with industrial cleaner followed by soap & water. Avoid breathing vapors use with adequate ventilation.

FOR CLEAN UP/ & LINE FLUSH

Use: Crest DBE

QUALITY ASSURANCE

ISO 9001:2015

**Manufactured in Australia by;**

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Important Notice

CREST CORMIX recommend that users of this material read and consider this information carefully in the context of how the products will be handled and used in the workplace in conjunction with other products. While the information contained here is CREST CORMIX's best knowledge at the date of publication,

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