**Intent of Work**
Mix and transport solidifying grout via flexible to under low pressure for gravity feed application

**Suitability**
The work described herein is best suited for gravity feed injection into open spaces and port holes of at least 50% greater diameter than the feed line.

**Required Materials, Products and Equipment**

- VoidSpan 500 Series PHLc Gravity Feed Grout or 600 Series PHLc70 Injection Grout
- Masonry mortar materials and potable water
- 100 psi capacity Air Compressor
- 5/8" ID Flexible Tubing
- VoidSpan 4000 Series Pressure Pot

**Scope of work**
1. POWER-MIX GROUT
2. POUR INTO PRESSURE POT
3. CLOSE AND CLAMP POT
4. HOOK UP COMPRESSOR AND AIR HOSES
5. HOOK UP FEED LINE AND PLACE IN OPEN PORT
6. SET PRESSURE AND BEGIN FEEDING

**Responsibility**

It is the responsibility of the **Specifying Engineer** to determine the specifics of the structural design and use of the VoidSpan Reinforcement System and to confirm its appropriateness for the application. Note that the details and suggested methods are presented herein as schematic representations only, and actual field conditions will vary.

It is the responsibility of the **System Installer** to understand the requirements of the installation and execute the installation in a safe and correct manner.
**GROUT MIXING AND INJECTION w/ PRESSURE POT**

**Step-1. POWER-MIX GROUT**

Use a spiral or spade tipped mixer at 1000 rpm for several minutes.

Mix all of the water with one third of the powder, then blend in the rest.

**Step-2. POUR INTO IN PRESSURE POT**

Pour into Pressure Pot when mixed to a flowable, batter-like consistency.

Agitate grout with crank handle (2.5 gal. pot) or pneumatic valve (5.0 gal. pot).

**Step-3. CLOSE AND CLAMP POT**

Tighten clamping lugs before pressurizing.

**Step-4. HOOK UP COMPRESSOR AND AIR HOSES**

Maintain compressor pressure at 60 to 90 psi.

Agitate grout while feeding to prevent clumping.

**Step-5. HOOK UP FEED LINE AND PLACE IN OPEN PORT**

Control grout feed with Line Feed Valve.

Maintain Pot and feed line exit pressure at 10 to 30 psi.

Feed grout into open port.

**Step-6. SET PRESSURE AND BEGIN FEEDING**

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