

Dani Cementitious Injection Grout-8001

Fast-Setting, Pumpable Cementitious Injection Grout

Description

DANI CEMENTITIOUS INJECTION GROUT-8001 IS A INJECTION GROUT SINGLECOMPONENT, VARIABLE STRENGTH CEMENTITIOUS GROUT DESIGNED AS AN ALTERNATIVE TO POLYURETHANE SYSTEMS FOR REPAIR OF HONEYCOMB AND CRACKS OVER 1/8 INCH IN CONCRETE. THE MATERIAL'S ADHESIVE AND INTERLOCKING CHARACTERISTICS COLLECTIVELY ASSURE A SOLID BOND.

◆ USES

Dani Cementitious Injection Grout-8001 pumpable/injection grout is ideal for use in:

- The consolidation (repair) of fractured/cracked structure or loose rock and gravel in concrete elements
- Control of water flows in leaking basements, parking floors, exterior walls, overhead tanks, sewerage & water treatment plants, tunnels and sub-ways, etc
- Filling of pot holes and honey combed concrete

◆ ADVANTAGES

- Flexibility - Formulation allows project-specific mix; strengths up to 3,500 up to 4,500 psi
- Variable viscosity enables maximum starts penetration, minimal product waste
- Adjustable Set Times - Set time can be varied depending on project requirements
- Non-Toxic - Assures worker safety and protection of the environment
- Non-Flammable - No unusual storage or ventilation requirements, equipment clean up procedures or waste disposal
- Resists extreme hydrostatic pressure
- Affordable - Significantly lower cost than polyurethane grouts or other injection systems
- Permanent and indefinite service life
- Non-shrink
- Excellent bond with substrate

◆ TECHNICAL DATA

Form: Powder

Colour: Cement Grey

Mixing: Water as required

◆ INSTRUCTIONS FOR USE:

- Unlike polyurethane or other injection systems, fresh air respirators or self-contained breathing apparatus are not required, and no unusual ventilation requirements are needed while pumping.
- Workers should take precautions including protective clothing, gloves and adequate eye protection.
- Drill packer holes and install packer tubes before preparing to pump the material.
- Locate the placer unit as close to the injection site as is practical, then supply power and water. Before pumping any grout material or connecting the discharge line to a packer, flush all lines with water to assure there are no blockages.
- Pump the grout material through the lines and set the output to the desired water-to solids ratio.
- Discontinue pumping only long enough to connect the discharge line to the first packer tube, then begin pumping.
- Continue to pump until full grouting has been achieved. Assure the desired water-to-solids ratio by monitoring accordingly (only experienced technicians should be employed).
- Proceed to the next hole.
- Repeat the procedure until all locations have been fully grouted.
- When pumping is completed for the shift, thoroughly clean the pumping unit and all discharge lines with water.
- Various pumps and mixers are available depending on desired pumping rates, desired pressure and available power sources. Contact Technical Department for advice.
- Commercial grout plants for tunneling applications are equally suitable.

◆ **PACKING**

Dani Cementitious Injection Grout-8001 injection grout is packed in 20 kg plastic sealed bags.

◆ **SHELF LIFE**

When stored in cool, dry conditions, the shelf life is six months.



Whilst the information and/or specifications given are, to the best of our knowledge, true and accurate, no warranty is given or implied in any connection with any recommendations or suggestions made by us, our representatives, agents, or distributors as the conditions of use and labor involved are beyond our control. Deviations are possible when delivery takes place. Given that recommendations may differ from those shown in this leaflet written confirmation should be sought. It is the responsibility of the purchaser to ensure they have the latest leaflet issue and that its contents are current. Our customer service staff will be glad to provide assistance at any time. We appreciate the interest you have shown in our products. This technical data sheet supersedes previously issued information.