



REPAIR
MATERIALS

QUADEX®
A VORTEX COMPANY

VORTEX

I&I Guard®-PRF BY VORTEX

Fast Curing Foam Grout

FOR HIGH FLOW LEAKAGE

DESCRIPTION

I&I Guard®-PRF is a two-part polyurethane grout used to stop high flow infiltration. Easy injection method creating curtain of grout on the outside of underground structures. Super fast cure allows for immediate reduction in infiltration. Best when used in conjunction with Quadex® Repair Materials rehab systems.

APPLICATION INFORMATION

Stops leaks in manholes, vaults, lift stations, pipelines, etc. Can be used to stop leaks up to 50 gallons per minute. Used primarily to stop high inflow and infiltration.

ADVANTAGES

- Fast reacting
- Easy to use cartridges
- No mixing
- Self contained packaging
- Non hazardous
- No shrinkage

PACKAGING

- 300x300ml cartridges
- 600x600ml cartridges
- 10 gallon units
- 100 gallon units
- 500 gallon units

I&I Guard®-SCF BY VORTEX

Single Component Foam Grout

LEAK STOPPAGE & CRACK SEALING

DESCRIPTION

Developed as a single component product for ease of application, I&I Guard®-SCF is a pre-catalyzed hydrophobic polyurethane grout, making it extremely versatile and can be used for a variety of rehabilitation applications. Its effectiveness and flexibility make I&I Guard®-SCF an ideal answer to stop leaks and seal cracks.

APPLICATION INFORMATION

This elastomeric polyurethane grout serves as a infiltration stop and is a viable method of sealing moving and non-moving cracks in concrete structures, slabs, vaults, tanks, and pipes.

ADVANTAGES

- Single component, no mixing
- Contains no volatile solvents
- Will not dilute in water
- Controlled reaction time
- Provides extensive coverage
- Non-shrinking
- Quick return to service

PACKAGING

- 600ml cartridges
- 1200ml cartridges
- 5 gallon units

I&I Guard®-MSF BY VORTEX

Migration Foam Grout

STABILIZATION & LEAK STOPPAGE

DESCRIPTION

I&I Guard®-MSF (Soil Stabilization Foam) is a low viscosity, high density, deep penetrating, polyurethane injection resin that stops infiltration and stabilizes soil as it expands while creating a solid, water-tight barrier. I&I Guard-MSF works best in low flow situations. With a slower reaction time, it can migrate further into the void for a more effective seal.

APPLICATION INFORMATION

Voids between walls, floors and ceilings, expansion and barrel joints, cracked concrete, pipe intrusions and annular space.

ADVANTAGES

- Very low viscosity for good penetration
- Contains no volatile solvents
- Will not dilute in water
- Controlled reaction time
- Provides extensive coverage
- Non-shrinking

PACKAGING

- 5 gallon units

I&I Guard®-SSF BY VORTEX

Soil Stabilization Foam Grout

STABILIZATION & LEVELING

DESCRIPTION

I&I Guard®-SSF is a high density, high strength, structural two-part polyurethane grout. This closed cell polyurethane's low viscosity and hydro insensitive nature allows for the permeation and filling of voids, undersealing of concrete, and stabilizing of soil while also mitigating inflow and infiltration.

APPLICATION INFORMATION

Soil stabilization, releveling concrete slabs, filling voids, sinkhole remediation, and other various types of geotechnical grouting.

ADVANTAGES

- Available in 60 second cure formulation
- Low Viscosity
- No agitation necessary
- High strength
- Hydro insensitive
- Quick return to service
- Environmentally safe

PACKAGING

- 10 gallon units
- 100 gallon units

Choose from Several Equipment Options



Equipment options are available from Quadex® to efficiently and effectively apply Quadex polyurethane grouts, designed to quickly stop inflow and infiltration, fill large voids, permanently seal cracks and stabilize soil around and beneath infrastructure and roadways.



Quadex OneGun®

BATTERY OPERATED CARTRIDGE GUN
For Use With I&I Guard®-PRF and SCF
Cartridge Delivered Equipment

DESCRIPTION

This extremely powerful and ultra-portable battery operated cartridge gun is the perfect solution for applying the Quadex® line of dual component repair materials. Quadex OneGun® is systematically designed to deploy the Quadex line of cartridge repair materials, whether in "1 to 1" or "2 to 1" ratios. OneGun's 20 Volt Lithium-Ion Battery will deliver up to three hours of continuous power in the most extreme conditions.

PRICING

Call for price.



Graco 390 PC

ELECTRIC SINGLE COMPONENT SPRAYER
For Use With I&I Guard®-SCF and MSF
Spray Application Equipment

DESCRIPTION

Lightweight and portable, at 30 lbs. this sprayer is easy to lift and carry. With a variable pressure adjustment, it also allows for repeatable setting while spraying light-to-heavier materials. The 390 PC also comes with an extremely reliable pump and the Pump Replacement System is designed for fast and easy jobsite replacement.

PRICING

Call for price.



Delta CPS Proportioner

SPRAY FOAM SYSTEM
For Use With I&I Guard®-SSF
Foam Application Equipment

DESCRIPTION

With a guaranteed 1:1 ratio application, this gear pump features proprietary designed and manufactured heat exchangers for "hands-off" and intuitive operation.

- **Easy to use**
- **Low maintenance costs**
- **Gear pumps have fewer moving parts requiring less maintenance**
- **1:1 Ratio**
- **Integrated software adjusts motor speed based on high resolution flow meter data**

PRICING

Call for price.