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# I&I GUARD™

## TECHNICAL DATA SHEET

FOR 300ML X 300ML CARTRIDGE

Rev. 02-2019



**REPAIR  
MATERIALS**

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### Typical Performance Characteristics

#### ADVANTAGES

- Fast reacting
- Easy to use cartridges
- No mixing
- Self contained packaging
- Non Hazardous
- No shrinkage
- Expands 10 times liquid

#### PHYSICAL PROPERTIES

VOC content	0%
Color	Amber
Specific gravity	1.06 B side, 1.23 A side
Reaction time	3-5 s
Expansion time	30 s

#### MIX RATIO

1 to 1 by volume

#### PACKAGING

300ml x 300ml Cartridge

18150 Imperial Valley Drive  
Houston, TX 77060  
vortexcompanies.com

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### FOR HIGH FLOW LEAKAGE

#### DESCRIPTION

I&I Guard™ is a two-part poly urethane 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

Stopping 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.

#### DIRECTIONS

1. Drill 5/8" hole completely through the structure.
2. Remove nut from cartridge.
3. Slide nut onto static mixing tip.
4. Insert static mixing tip in to drilled hole.
5. Remove cap plug from cartridge hold the cartridge upright.
6. Attach cartridge to static mixing tip by tightening the nut.
7. Use cartridge gun by pumping handle to dispense grout.
8. Continue to pump handle until the cartridge is empty or until you no longer pump handle.

#### SAFETY

Always use safety glasses and protective clothing including gloves when using this product.

#### STORAGE

Store between 40°F and 100°F.

#### DISPOSAL

Dispose of cartridge in adherence with local regulations.