

I & I Guard[®]-AG

PROPERTIES

Solutions Uncured — Solids

Viscosity	1.2 centipoises (with catalyst at 68°F)
Specific Gravity	1.04 grams per cubic centimeter (with catalyst at 68°F)
Corrosiveness	Non-corrosive
pH	4.5 - 5.0
Toxicity	See SDS
Solid	Cured
Color	Translucent
Permeability	Substantially impermeable to water (at 10% solids)
Stability	No shrinkage observed at 70°F and 100% humidity
Toxicity	Non-toxic, see SDS

CAUTION

I & I Guard-AG product is only available to pre-authorized users who have completed an industry approved chemical grout safety program. Chemical grouts are reactive products that are sensitive to the environment around them. Temperature can affect gel times and the uncured solution should be monitored throughout the project for temperature rise which will decrease gel times. Do not expose the tanks to direct sunlight at this can cause polymerization.

Acrylamide MBA Premix

DESCRIPTION

I & I Guard[®]-AG is a dry powder that readily dissolves in water to produce a solution of low viscosity. When catalyst is added to the I & I Guard-AG solution the grout mixture has about the same viscosity of water. As a result it will penetrate soils similarly to water. The grout solution will penetrate all voids into which it is injected. When injected into soil and cured it binds the soil particles together and forms a stiff impermeable gel thereby controlling the flow of groundwater.

APPLICATIONS

- Infiltration control
- Sealing pipeline joints and laterals
- Sealing manholes and vaults
- Soil Stabilization

ADDITIVES

- I & I Guard-AG Catalyst A — TEA Catalyst
- I & I Guard-AG Catalyst B — AP Catalyst
- I & I Guard-AG Catalyst C — SP Catalyst
- I & I Guard-AG RA — Reinforcing agent

PACKAGING

50 lb. bag

TYPICAL GROUT MIX

Two 30 gallon tanks are needed, tank A and tank B. Tank A is the grout tank and tank B is the catalyst tank. In tank A add 10 to 12 gallons of water, add one bag of I & I Guard-AG, also add 9 lbs. or 1.8% by weight of I & I Guard-AG Catalyst A and fill with water up to 30 gallons. In tank B add 10 to 12 gallons of water, add 9 lbs, or 1.8% by weight of I & I Guard-AG Catalyst B or I & I Guard-AG Catalyst C, add water up to 30 gallons. The above makes a 60 gallon batch with a reaction time of approximately 30 seconds at 70°F.



WARRANTY

Quadex, LLC warrants its products to be free of defects in material and workmanship. Unless superseded by project specifications and terms agreed upon in writing between installer and Quadex prior to bid, if within one year from purchase, any Quadex, LLC product is proven defective, the company will replace said product or refund its purchase price at its sole discretion. The company's obligation shall be limited solely to such replacement or refund. There are no other warranties by Quadex, LLC, expressed or implied. There is no warranty if Quadex products are used contrary to Quadex, LLC's written directions.

STORAGE

Store in environment with temperatures within or near 60°F – 100°F in dry atmosphere. Store in original packaging. Keep away from water and humidity. Store separately from catalysts I & I Guard-AG Catalyst A and oxidizers I & I Guard-AG Catalyst B and I & I Guard-AG Catalyst C.

SAFETY

Always use the proper personal protective equipment when handling any chemical. Refer to SDS for complete safety precautions.

Warning! Harmful if swallowed, inhaled or absorbed through skin. Affects central and peripheral nervous systems and reproductive system. Causes irritation to skin, eyes and respiratory tract. Suspected cancer hazard. May cause cancer. Risk of cancer depends on level and duration of exposure. Possible birth defect hazard. May cause birth defects based on animal data. Thermally unstable. May polymerize explosively if heated to the melting point.

NOTICE

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