Heritage Injection Grout (IG10)

Product Data Sheet

Product Highlights

IG10 is a cement based, high performance, injection grout designed to stabilize and repair historic masonry and concrete. The material is formulated to be injected into cracks ranging from 1/16" to 1/4" (1.5 to 5 mm). IG10 is a non-shrink grout with excellent bond strength. IG10 is a cement based, single component product that is mixed with water. It is formulated using specialty cement; no synthetic polymers or additives are used. Skilled masons can easily use IG10; no special certification is required.

Advantages of IG10

Gravity fed or pressure injected	Completely breathable material
Deep penetration of cracks	Non-shrink formulation
Excellent adhesion to substrates	Sets within 10 minutes at room temperature
Contains no synthetic polymers or additives	No segregation of material
Does not create a vapor barrier	Custom colors available

IG10 Package

1-gallon plastic pails 9 lbs.,
5-gallon plastic pails 44 lbs.,
Available in White. Custom colors available.

IG10 Technical Data

Application Time:	Approximately 10 minutes after mixing - depending on temperature, relative humidity and type of masonry or concrete substrate injection.
Compressive Strength:	28 days 7,300 psi (ASTM C-109)
Tensile Bending Strength:	1,500 psi (ASTM C-882)
Viscosity:	600-1,000 cps
Specific Gravity:	2.0
Mixing Ratio:	Approximately 1 part water to 4 parts powder

Surface Preparation

Cut away all loose and deteriorated material. Clean the area to be repaired with clean water and a bristle brush to remove any loose particles. Neutralize any salt deposits (efflorescence) with distilled water. Dampen with clean water until glistening with no standing water. Set appropriate injection ports. Cap the cracks and seal the injection ports with the appropriate Heritage repair mortar.

Mixing

Mix approximately 1 part water to 4 parts powder. Temperature and humidity will affect the amount of water required. Mixing needs to be done by using a 450 rpm high-speed drill fitted with a ribbon blade. Add one-half the contents, mix for 1 minute, add the remaining material and vigorously mix for 2 minutes.

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