



Geo-Seal EFC Gel



Product Description

Basic Use: Geo-Seal EFC Gel is a plural component, semi-rigid, 100% solids epoxy used as cove paste, joint sealant, and crack filler. It features a combination of excellent adhesion and elongation not available in general purpose epoxies. Formulated to produce a workable paste with the addition of fine aggregate or decorative color quartz aggregate, it reinforces concrete joint edges, and minimizes the deterioration of concrete joint/crack edges to impacts. Geo-Seal EFC Gel should be used in lieu of elastomeric sealants that meet ASTM C920 Standard Specification for Elastomeric Joint Sealants which do not reinforce concrete joint edges. Geo-Seal EFC Gel can also be used as a "cove gel" for hanging a semi-rigid cove or skim coat for vertical wall applications.

Composition: Geo-Seal EFC Gel is a plural component, thixotropic, 100% solids, semi-rigid epoxy.

Benefits

- Easily workable concrete surface repair material of common spalls, cracks, bug holes and other concrete imperfections when mixed with fine aggregate.
- Versatile application as a concrete surface repair material, concrete edge reinforcement material or "cove gel" material.
- Self priming as a concrete repair material.
- Complies with USDA and FDA requirements.
- VOC and EPA Compliant in all states and provinces in North America.

Limitations

- Best suited for applications in temperatures between 55°F to 90°F. Do not apply when relative humidity exceeds 85%.
- Higher temperatures will result in shortened working time and faster drying time.

Technical Data

Shelf life: 1 year maintained between a 40°F and 100°F.

Properties: See physical properties table.

Specification Writer: Contact EPRO before writing specifications on this product. Geo-Seal system assemblies should be reviewed in order to meet project specific site conditions.

Installation

Surface Preparation: All materials that may inhibit bonding must be removed. No surface priming is necessary when mixed with aggregate and applied as a concrete repair material or cove gel. Coating applications may require a primer. See EPRO Tech Bulletin: How to Choose a Primer. A test area should always be done prior to application using the same cleaning preparation and application procedures to be used on the project.

Application: Please refer to manufacturer's specifications.

Cleaning: Clean all tools and equipment with an acetone solvent or equivalent.

Availability and Packaging

Contact EPRO sales representative for local distributors or authorized applicators (www.eproinc.com).

Geo-Seal EFC Gel is available in 1 gallon kits with gel additive. Silica aggregate sold separately.

Warranty

Limited Warranty: EPRO Services, Inc. believes to the best of its knowledge that performance tables are accurate and reliable. EPRO warrants this product to be free from defects. EPRO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. EPRO's liability shall be limited in all events to supplying sufficient product to retreat the specific areas to which defective product has been applied. EPRO shall have no other liability, including liability for incidental or resultant damages, whether due to breach of warranty or negligence. This warranty may not be modified or extended by representatives of EPRO or its distributors.



Geo-Seal EFC Gel

Equipment

Variable low speed drill with impeller mixing paddle. Clean margin trowels or spatula for patching applications. 1 1/2" blade for filling cracks.

Technical Services and Information

Complete technical services and information are available by contacting EPRO at 800.882.1896 or www.eproinc.com.

Typical Physical Properties

Physical Property	Value
Color	Clear
Solids Content.....	100%
VOC Content	0 gr./lt.
Shelf Life.....	1 year

Packaging: 1 gallon with gel additive.

Mix Ratio by Volume: 2:1

Mix Ratio by Weight: 2.29:1

Minimum Substrate Application Temperature: 40°F

Pot Life at 77°F (Standard): 30 minutes

Dry to Touch (40°F - 90°F. Standard): 6 - 8 hours

Recoat Time (40°F - 90°F. Standard): 12 - 72 hours

Light Traffic (40°F - 90°F. Standard): 6 - 8 hours