

## FloroGel Gelled Epoxy Repair Kit

**Product Description:** FloroGel is a highly thixotropic, 100% solids epoxy gel that is ideal for quickly and conveniently patching “bug holes”, cracks, divots and other minor deformities in concrete slabs. Used alone for periodic concrete maintenance, or under other Florock Systems as part of the slab preparation process, this FloroGel exhibits superior compressive strength and wear properties with no shrinkage.

**Typical Uses, Applications:** FloroGel may be installed over many existing coatings that are well-bonded and properly prepared. A test patch should be installed and approved prior to application and used as the job standard.

**Product Advantages:** FloroGel is ideal for use in facilities that limit the use of solvents and fine, loose silica. Unlike similar products on the market, the addition of separate thickening powders, flours or silicas is unnecessary. The two liquid components, when properly blended, form a ready-to-use gel that is easy to apply with a spatula, spackle knife or flat trowel.

**Packaging:** Sold in 3.2 gallon cases, four kits per case. Each kit yields 0.8 gallons of blended FloroGel.

**Storage:** All containers should be stored at 40°F to 95°F, be kept tightly sealed and out of direct sunlight.

*Note: FloroGel should not be applied when floor temperature is above 90°F or below 55 F, or when within 5° F of the dew point.*

### Instructions for Use:

1. Prepare surface in accordance with the Florock Preparation of Concrete Guide. Product is self-priming and requires no separate primer.
2. After preparation, pour FloroGel Part B into the larger can of Part A and blend very well using paint stick or mixer.
3. Scoop gel onto surface to be filled. Spread with spatula, spackle knife or flat trowel. Depending upon thickness applied, allow 1-6 hours cure time at 70°F.

Liquid Physical Properties			
Property	Test Method	M0-076 Part A	U0-144 Part B
Viscosity	ASTM D2196	1000 cps	75 cps
Flash Point	ASTM D3278	>200° F	>200° F
Weight/Gal.	ASTM D1475	9.13 lbs	8.10 lbs
N.V.W.	ASTM D2369	100%	100%
N.V.V.	ASTM D1259	100%	100%
V.O.C.	ASTM D3960	0	0

Blended Components	
Blended Ratio	3:1 by volume
Results at 70° F and 50% RH:	
Set to Touch	20 mins.-4 hrs.
Minimum Recoat	1-4 hours
Foot Traffic	2-6 hours
Pot Life, 1 Kit*	18-20 minutes
Floor & Air Temp. Limitations During Installation	55°F- 90°F
Weight Per Gallon, ASTM D1475	8.62 lbs.
N.V.W., ASTM D2369	100%
N.V.V., ASTM D1259	100%
Blended Viscosity, ASTM D2196	10,000 cps, elevated
Recommended Clean Up Solvent	xylene
V.O.C, ASTM D3960	0

\*Pot life varies depending upon mass and storage temperature of materials. Due to the exothermic nature of epoxies, film thickness will affect dry time. Feathered edges can take 4 hours to cure, while thickly poured cracks can cure in 20 minutes. Cooler temperatures require longer dry time.

4. Proceed with foot traffic or installation of subsequent Florock Flooring System, in accordance with product data sheets.

*Note: When coating over existing coatings, a test patch is recommended to evaluate compatibility.*

**Please read material safety data before using product.**

**DISCLAIMER:**

All statements and recommendations above are based on experience we believe to be reliable. The use or application of these products being beyond the control of the Seller or Manufacturer, neither Seller nor Manufacturer make any warranty, expressed or implied, as to results or hazard from its use. The suitability, risk and liability of a product for an intended use shall be solely up to the User.