

FloroGel Epoxy Patching Gel System

Product Description:

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

Typical Uses, Applications:

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.

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.

Packaging:

FloroGel is available in 4 Kit Cases. Each Kit yields 3 litres of blended gel, so each case will yield 12 litres.

Liquid Physical Properties

Property	Test Method	Part A X-9253-35	Part B U0-144
Viscosity	ASTM D2196	680,000 cps	250 cps
Flash Point	ASTM D3278	>200°F	>93°C
Weight Per Litre	ASTM D1475	1.14 kg	1.02 kg
N.V.W.	ASTM D2369	100%	100%
N.V.V.	ASTM D1259	100%	100%
VOC	ASTM D3960	0 gpl	0 gpl
Blended Components			
Blending Ratio	3:1 by volume		
Pot Life*	18 - 20 minutes		
N.V.W.	100%		
N.V.V.	100%		
Dry Time at 21°C			
Set to Touch	20 min - 4 hours		
Minimum Recoat	1 - 4 hours		
Foot Traffic	2 - 6 hours		
Floor and Air Temp. Limitations	13° - 32°C		
Recommended Clean Up Solvent	Florobase Thinner		
Blended Viscosity	10,000 elevated		

*Pot life varies depending upon mass and storage temperature of materials.

Due to the exothermic nature of epoxies, film thickness will effect 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.

Storage:

All containers should be stored at 5° C to 35° C and be kept tightly sealed and out of direct sunlight.

Note: FloroGel should not be applied when floor temperature is above 32°C or below 13°C, or when within 3°C of the dew point.

Instructions for Use:

1. Prepare surface in accordance with Preparation of Concrete Section of the Florock Catalogue. Product is self-priming and requires no separate primer.

2. After substrate has dried, pour FloroGel Part B into 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 21° C.

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

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

All statements and recommendations are based on experience we believe to be reliable. The use or the 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.