

FloroSurface Patch High-Performance Repair Mortar

Product Description: FloroSurface Patch is a high performance, user friendly repair mortar, compatible with both interior and exterior applications. With its ability to withstand extreme temperatures, FloroSurface Patch is ideal for fast track projects in high traffic areas such as streets and truck docks. FloroSurface Patch is open to standard traffic within 4 hours of application and can be applied as thin as 1/4" (6.35 mm).

Typical Uses, Applications:

- Warehouses, ramps
- Sidewalks, parking lots, roadways
- Truck docks, heavy industrial locations
- Commercial floors
- Vertical repairs, mud beds

Product Advantages:

- LEED point contributing and eco-friendly
- Achieves superior strength quickly
- Interior and exterior applications
- Single component, fast-curing
- Excellent bond and coverage
- Resistant to freeze/thaw conditions

Colors: FloroSurface Patch is available in Beige-Gray

Packaging: 55 lb. (24.9 kg) double-walled bag

Storage: All containers should be stored at 45° F to 85° F (7° C to 29° C) and be kept tightly sealed and out of direct sunlight. The shelf life for this product is 12 months from date of manufacture.

Coverages: 9.6 SF/bag for 1/2" thickness (0.89 m² for 12.7 mm thickness). FloroSurface Patch will yield 0.40 cubic feet/bag (0.11 m³/bag) and 0.77 cubic feet/bag (0.21 m³/bag) with additional aggregate. See mixing instructions for details.

System Physical Properties		
Compressive Strength	3 hrs.	1,200 psi
Compressive Strength	1 day	4,500 psi
Compressive Strength	7 days	6,000 psi
Compressive Strength	8 days	7,000 psi
Workable Life	1 Mixed Kit	20 minutes
Cure time at 70° @ 50% RH		
Set Time	30-45 minutes	
Open to Traffic	4 hours*	
Ready for Coatings	6 hours*	

**Thicker applications will result in extended times.*

Installation Limitations:

- Keep FloroSurface Patch materials at 72° F for 24 hours prior to installation.
- Keep materials away from wind, sunlight, and other weather conditions that could alter drying time
- DO NOT USE where hydrostatic pressure (water) is present or moisture emissions exceed levels permitted for installing floor covering. See FloroProof Data Sheet for details.
- DO NOT USE over presswood, particle board, masonite, chipboard, OSB, underlayment board not of APA Underlayment (exterior) grade or similar dimensionally unstable materials susceptible to movement or swelling.
- DO NOT USE over gypsum based patches or underlayment material due to chemical reaction.
- DO NOT USE over single layer stripwood floors.

Substrate Preparation: The concrete surface should be clean and sound. The surface should be free of any bond breakers including, but not limited to, loose gravel, oil, wax, grease or dirt. If FloroSurface Primer is not used, the concrete should be presoaked and saturated surface-dry (SSD) condition without standing water.

FloroSurface Patch System Application: Once surface is prepared, immediately place repair mortar on the prepared area, working it firmly into the bottom, ensuring a good bond.

MIXING:

1. Use a minimum 1/2" (12.7 mm) slow speed drill and mixing paddle or an appropriately sized mortar mixer. DO NOT mix by hand.
2. For every 55 lbs. (24.9 kg), use 1/2 gallon (1.9 L) of water. DO NOT over water.
3. Mix for 3-5 minutes adding powder to the water. DO NOT over mix, due to the formation of air bubbles.
4. If patches are less than 1.0" (25.4 mm) deep, keep the work neat. For patches greater than 1.0" (25.4 mm), FloroSurface Patch may be extended by adding up to 30 lbs. (13.6 kg) of clean pea gravel. Small additional water amounts may be added only after 2 minutes of mixing; add no more than 1 cup, or 8 ounces (0.23 L).
5. FloroSurface Patch can accept epoxy after 6 hours.

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.