

Patch & Skim

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Product Information

Product Description

Aquaflex Patch & Skim is a patent-pending, hydraulic, Portland/CSA cement compound and underlayment designed for fast-track resurfacing and smoothing of concrete. Suitable for **interior** and **exterior** applications on, above or below grade. Patch & Skim can be installed from a 1/2" thick down to a feather edge over large areas. For areas greater than 1/2" in thickness, apply in two-coats allowing the first coat to set before applying the second. Do not exceed a total thickness of 1". Sand all surfaces prior to flooring installation.

Benefits:

- Foot traffic in <2 hours
- Waterproof
- **Silica-Free** (sanding will not produce respirable crystalline silica, RCS)
- Self-Healing properties
- Self-Leveling properties
- **GREEN** (formulated with low CO₂ GREEN cement)

NOTE: Aquaflex Patch & Skim is designed to be mixed with **Aquaflex 1+1 Polymer**. This polymer concentrate is blended to hydrate, resist pH and impart waterproof characteristics to the mix. Add contents of 1+1 Polymer to pail provided plus an equivalent amount of water by refilling the bottle (64oz total liquid). This will instantly provide the correct dilution and necessary liquid for hydration of the Aquaflex Patch & Skim. To the liquid add the contents of the bag (8lbs). Mix under agitation with a paddle attached to 1/2" drill. Mix approx. less than 2mins to lump-free consistency. **Do not add any additional water!**

Surface Preparation

All concrete surfaces must be prepared prior to product application per ASTM F710, level, firm, dry, smooth and free of dust, dirt, wax, cut-back, paint, grease, oil, curing agents, mold, bond breakers, residual alkaline salts, densifiers, hardeners or any other foreign material that would inhibit bonding. Concrete floors must be free of topical liquid water. Use only mechanical methods to clean existing sub-floor. Fill cracks, holes, and depressions using only materials designed for this intended purpose.

The installation area should be acclimated to at least 65°F for 24 hrs prior, during and 72 hrs following the installation procedure. Do not install if temperature exceeds 85° F. The concrete **MUST** be **POROUS** (per ASTM F3191) and **CLEAN** in order to facilitate bonding with cementitious concrete repair product.

One unit of Patch & Skim has a coverage of approx 100sf at 1/32". Pot life of Aquaflex Patch&Skim is approx 30mins at 70F (21C), while the working time is approx 10 - 15mins. Pot life and working time will vary with thickness of application, ambient temperature and humidity.

Smooth all areas ground by hand with Aquaflex Patch & Skim.

DO NOT OVER WATER, absorption of adhesive and loss of bond due to reduced strength may result. Aquaflex performance warranty will void.

ALWAYS, sand, vacuum and mop surfaces repaired with Patch & Skim prior to applying Aquaflex adhesive.

**For concrete surface preparation, sanding equipment alone may not be effective in remove old adhesive, curing and sealing compounds.*



Chemical & Physical Properties

Color:	Gray
Mix Ratio:	50% by wt liquid
Coverage:	100sf/bag at 1/32"
Flow Time:	5 mins
Compressive Strength:	>5000psi @ 28days
Flexural Strength:	>1000psi @ 28days
Walkable:	<2hrs
Packaging:	8lbs bag