



Water-Proof Patch Mix



Product Information

Product Description

Aquaflex Patch Mix is an interior/exterior, hydraulic, Portland cement-based resurfacing compound and underlayment designed for fast-track resurfacing and smoothing. Suitable for interior and exterior applications on, above or below grade. Patch Mix 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".

Aquaflex Patch Mix can be used in small areas to produce a new wear layer, patch small surface defects such as spalls and gouges up to 1" in diameter and 1/2" deep.

Benefits:

- Walk on in 2 to 3 hours
- Freeze – thaw resistant
- Installs at 1/32" – 1/8" neat, up to 1/2" in smaller defined areas
- Completely water resistant

NOTE: Aquaflex Patch Mix is designed to be mixed with **Aquaflex 2to1 Polymer**. This polymer concentrate is blended to hydrate, resist pH and impart moisture resistance to the patch. Add contents of 2to1 Polymer to pail provided plus an equivalent amount of water by refilling the bottle(64oz total). This will instantly provide the correct dilution and necessary liquid for hydration of the Aquaflex Patch Mix. To the liquid add the contents of the Patch Mix bag (8lbs) under agitation with a paddle attached to 1/2" drill. Mix approx. 2mins to lump-free consistency.

Do not add any additional water!

Aquaflex Patch Mix, Crack Fix and adhesive will work synergistically to impart a water-proof, permeable, pH resistant barrier between the concrete and the flooring substrate. This property aids in protecting the flooring from subsurface moisture.

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 moisture. 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 **flat, smooth, dry, porous and dust-free** in order to facilitate bonding with product.

One unit of Patch Mix has a coverage of approx 50sf at 1/32". Pot life of Aquaflex Patch Mix is approx 30mins at 70F (21C), while the working time is approx 10 - 15mins. Pot life and working time will vary with ambient temperature and humidity.

To insure porosity it is required that the floor achieve CSP 1 by ICRI standard. The method recommended to achieve this surface profile is by active planetary diamond-bit grind technique. **Skim coat with Aquaflex Patch Mix all areas that are ground by hand.** DO NOT OVER WATER SKIM COAT, absorption of adhesive and loss of bond due to weak skim may result. Warranty will void.

Chemical & Physical Properties

Color:	White, (pure Portland cement)
Mix Ratio:	20% by wt water
Coverage:	50sf per bag at 1/32"
Flow Time:	10mins
Compressive Strength:	>5000psi @ 28days
Flexural Strength:	>1000psi @ 28days
Walkable:	2-3hrs
Packaging:	8lbs bag