

Product Information

Product Description

Aquaflex adhesive is the latest development in our patent pending moisture cure technology offering a new standard in **unlimited** moisture resistance. Aquaflex is 100% solids, formulated to meet REACH European environmental standard, CHPS low odor indoor air quality standards (IAQ 01350) and contribute LEED.

Aquaflex Self Level 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. Aquaflex Self Level can be used to produce a new wear layer for driveways and sidewalks. Self Level can also be used to patch small surface defects such as spalls and gouges up to 1" in diameter and ½" deep.

Benefits:

- Walk on in 2 to 3 hours
- Freeze – thaw resistant
- Installs at ¼" – ¾" neat, up to 2" with aggregate.
- Completely water resistant

Surface Preparation

It is **NOT** necessary to conduct moisture evaluations prior to installation. **Always consult technical advise prior to installation.** Every concrete substrate is unique. Practice 'clean as you work' methods.

All concrete surfaces must be prepared prior to product application per ASTM F710, porous, level, firm, dry 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. **Aquaflex Crack Fix** is recommended for cracks ¼" or smaller.

Priming

Aquaflex Self Level is designed to be installed over **Aquaflex Primer**. Loss of water volume from the Self Level mix due to bleed-out can lower the tensile strength of the finished product. Apply Primer with a weighted t-bar. **DO NOT USE A PAINT ROLLER.** A roller will create foam and will not force material into the porous slab. Apply only the amount that the concrete slab will absorb. Do not pool or create film gloss on the surface. One 4.25gal unit of Primer will cover approx 2,125sf (500sf/gal). Concrete surface should be mechanically prepared to CSP 1 per ICRI guidelines.

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.

A 20% by weight addition of water to the dry Self Level mix by weight is sufficient to create the proper mix ratio. As always to the liquid add the contents of the Self Level bag. Under agitation with a paddle attached to ½" drill, mix approx. 2mins to lump-free consistency. **DO NOT ADD ANY ADDITIONAL WATER!!**

One unit of Self Level has a coverage of approx 25sf at ¼". Pot life of Aquaflex Self Level 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.

Chemical & Physical Properties

Color:	White ₁ (pure Portland cement)
Mix Ratio:	20% by wt water
Coverage:	25sf per bag at ¼"
Flow Time:	10mins
Compressive Strength:	>5000psi @ 28days
Flexural Strength:	>1000psi @ 28days
Walkable:	2-3hrs
Packaging:	25lbs bag