

Rev: 10.24.2016

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 1/4"–3/4" neat, up to 2" with aggregate.
- Completely water resistant

Substrate Prep

All concrete substrates must be solid, thoroughly clean and free of oil, wax, grease, asphalt, latex and gypsum compounds, curing compounds, sealers and any contaminant that might act as a bond breaker. Over-watered, frozen or otherwise weak concrete surfaces must also be cleaned down to sound, solid concrete by mechanical methods. Acid etching, adhesive removers, solvents and sweeping compounds are not acceptable means for cleaning the substrate. Substrate and ambient temperatures must be a minimum of 50°F (10°C).



Priming

Standard absorbent concrete must be primed with Aquaflex SLU Primer diluted 1:1 with water. Apply evenly with a soft bristled push broom. Do not use paint rollers, mops or spray equipment. Do not leave any bare spots. Brush off puddles and excess primer. Allow primer to dry to a clear, thin film approx 1hr. Extremely absorbent concrete may require two applications of Aquaflex SLU Primer to avoid the formation of bubbles and pinholes. Install a second application of Aquaflex SLU Primer mixed 1:1 with water as stated above and allow another approx 1hr. **SLU Primer is best used when freshly applied, dry to the touch and within an approx. max window of 6 – 8 hours.** Aquaflex SLU Primer may require longer drying time with low surface temperatures and/or high ambient humidity. Do not install Aquaflex SLU before the primer has dried thoroughly. Do not apply SLU Primer on one nights work and expect to place SLU on the next night.

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% (approx 5 quarts) 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. DO NOT OVER MIX.**

One unit of Self Level has a coverage of approx 50sf at 1/8". Pot life of Aquaflex Self Level is approx 20mins 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, (pure Portland cement)
Mix Ratio:	20% by wt water
Coverage:	50sf/bag at 1/8"
Flow Time:	10mins
Compressive Strength:	>5000psi @ 28days
Flexural Strength:	>1000psi @ 28days
Walkable:	2-3hrs
Packaging:	50lbs bag