

Binder

Rev: 5.31.2016

P r o d u c t I n f o r m a t i o n

Product Description

Aquaflex Binder is a solvent born, VOC exempt, non-HAP, safe, one part, moisture-cure, aliphatic urethane coating exhibiting excellent flow, leveling and wear resistance. The cured Binder film, though formulated for extended wear, remains highly flexible allowing for heavy point load applications.

Aquaflex Binder can be used as a seam seal for flooring materials.

Aquaflex Binder can also function to densify and fortify concrete surfaces eliminating capillary activity. Binder will penetrate, impregnate and polymerize within the concrete surface functioning as a reactive concrete mender. Excellent for densifying gypcrete and light weight concrete materials.

Aquaflex Binder will effectively increase frictional forces acting to reduce migration of subsurface contaminants and efflorescent migration of concrete salts.

Aquaflex Binder when used for “cut-back” isolation should only be applied to a concrete surface that has been properly abated for “cut-back” residue per RFCI protocol. Automatic scrubbers should be employed to extract all detergent residue from chemical abatement procedures prior to application of **Aquaflex Binder**. Concrete surface should be given 72hrs to rest after abatement to fully dry from scrubber operations.

Chemical & Physical Properties

Color:	Blue
VOC:	0g/L
Coverage:	500sf/gal
Walkable:	2-3hrs
Packaging:	4.25gal pail
Odor:	light moth ball
Shipping:	NON-Hazardous

Application

Binder should be applied by a weight T-bar method for concrete surface application or by flooding a seam with a bottle fitted with a Yorker cap. Viscosity is adjusted to <100cps to obtain ideal film thickness of 0.1 - 0.5mil. In order to obtain satisfactory cure, allow approximately 1-2hrs prior to flooring installation. Cure rate can vary with the film thickness applied and atmospheric humidity. Blue-green product color will disappear upon cure. To insure that a proper film is achieved look for intermittent gloss development of coating as a positive indicator. **Do not create a continuous gloss sheet.**

NOTE: Prior to adhesive application swing-buff the treated surface with a 100 grit screen to achieve enhanced bonding profile and increased surface area.

Test for Detergent Residue

Drop water on the floor, using a small brush vigorously brush water for the appearance of foam.

Storage and Safety

Aquaflex Binder should be stored in a cool, dry environment safe from exposure to oxidizers or caustics. Even though this product is solvent free, proper ventilation is recommended according to the requirements per CRI 104. This product is freeze/thaw stable to 0F. Do not reuse empty containers and keep all containers closed when not in use.

Exposure

Eyes: Flush with water. Skin: Wash skin with soap and water when in wet state, when dry use a solvent (following manufacturers directions) to clean skin. Ingestion: For small amounts rinse mouth with water, for large amounts do not induce vomiting and contact a physician.

FIRST AID: (Reference MSDS for complete details).