

SYSTEM DESCRIPTION

VaporSolve® Fresh Concrete (FC) System is designed for use over concrete with high moisture levels for the purpose of isolating the concrete from moisture-sensitive flooring.

This system uses a unique, water-based epoxy formulation to bond to concrete that's 6 to 24-hours-old. VaporSolve® Fresh Concrete virtually eliminates the evaporation of water from the top of the slab, serving as the ultimate curing compound. The need for a sub-slab vapor retarder is eliminated. The concrete has been pre-primed and is ready for flooring without the need for further profiling.

VaporSolve® 100 is used as a topcoat. Total system thickness is 12 mils.

SYSTEM USES

VaporSolve Fresh Concrete System is designed for use on wet or fresh concrete to isolate moisture sensitive flooring from all levels of moisture intrusion.

FEATURES & BENEFITS

- Effective Regardless of Moisture Levels
- Eliminates The Need for Surface Preparation
- Can Be Applied to Wet or Fresh Concrete
- Success Rate Greater Than 99%
- Easy Installation

COLORS

VaporSolve Ultra System is available in Clear, White, Wheat and Delta Fog.

SURFACE PREPARATION

Refer to the VaporSolve Fresh Concrete System Application Instructions for more detailed surface preparation instructions.

PHYSICAL PROPERTIES

Permeability (ASTM E 96):

0.78 perms

Permeability/MVT (ASTM E 96):

0.28 lbs./1,000 sq. ft./24 hrs.

Adhesion to concrete (ASTM D 4541):

500 psi -concrete fails before loss of bond

Resistance to alkalinity (ASTM D 1308)

**Film exposed to 35% solutions of potassium hydroxide and sodium hydroxide for 60 days):*

No visual change, 0.09% weight gain

Viscosity (cps, 77° F):

400

Hardness, Shore D (ASTM D 2240):

80

PRODUCTS

VaporSolve Fresh Concrete, VaporSolve 100 and VaporSolve Joint Filler.

CHEMICAL RESISTANCE

Refer to Arizona Polymer Flooring Chemical Resistance Guide for full system chemical resistance.

INSTALLATION

Please refer to VaporSolve Fresh Concrete installation guidelines for information and instructions.

WARRANTY

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.