



Flowfresh SL-MVT Moisture Mitigation System

Product Description

Flowfresh SL-MVT Moisture Mitigation System consists of Flowfresh SL, a cementitious urethane primer/basecoat broadcasted with silica sand, for use as a moisture vapor treatment on concrete floor slabs or elevated lightweight concrete with excessive moisture vapor emission rates or a high internal moisture content. Flowfresh SL-MVT Moisture Mitigation System is unaffected by MVT, when tested in accordance with ASTM F2170 it will tolerate 100% RH and has no maximum limit when tested with ASTM F1869. Flowfresh SL-MVT can be used on “green” concrete that is a minimum of five days old and cured hard enough to permit proper surface preparation.

Uses

Designed for use as a moisture mitigation system underneath all Key Resin Terrazzo, Key Resin Resinous Flooring Systems, and FlowResin Flooring Systems.

Environment & Health

Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety data sheets for the individual product components.

Flowfresh SL-MVT Mixing and Application

Install Flowfresh SL-MVT in accordance with the published Flowfresh SL Application Instructions.

Application Temperature

The recommended substrate temperature is 60 - 80°F, but no less than 50°F. Temperature greater than 80 F will reduce working time significantly. The temperature of the substrate should exceed the “dew point” by 5°F during application and hardening. Temperatures should not fall below 40°F in the 24 hours after application.

Reference FlowResin's Flowfresh SL Technical Data Sheet for additional information.

Cleaning of Tools

Clean immediately after use with solvent, e.g. acetone or denatured alcohol.

Storage

Storage temperature 45°F-90°F.

12 months in unopened containers for Parts A and B, 6 months for unopened bags of Part C.

Protect from weather and moisture/contaminant ingress.

Packaging

The product is delivered as a three-component kit including Base Part A, Hardener Part B, and Filler Part C.

Physical Properties

Property	Result	Test Method
Compressive Strength	>7,250 psi	ASTM D579
Flexural Strength	2,900 psi	ASTM C580
Tensile Strength	1,740 psi	ASTM C307
Bond Strength	300-400+ psi (concrete substrate failure)	

Further Information

If you would like additional information, please consult our Technical Advisory Team at the number listed below or visit our website to register your interest in specifying a FlowResin flooring system.

FlowResin

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