

Custom**TECH**[®]

FLOORING PREPARATION SYSTEMS



TechMVC[™]

100% Solids Epoxy Moisture Vapor Control

- One coat application
- Solvent-free
- Low viscosity formula
- Reduces moisture vapor transmission of concrete



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TechMVC™

100% Solids Epoxy Moisture Vapor Control

TechMVC™ 100% Solids Epoxy Moisture Vapor Control TechMVC is a true single coat, high density, moisture- and alkali-resistant, two-component, rapid cure 100% solids epoxy coating specifically formulated to control concrete moisture vapor emission and alkalinity beneath finished flooring. TechMVC may be used on concrete substrates measuring up to 100% RH (per ASTM F-2170), 25 lbs MVT (per ASTM F-1869) and pH 14, and is part of a full system to bring floors to ASTM F-710 allowable moisture vapor compliance. TechMVC is an ASTM F3010-10 membrane. A single coat application at 8.5 mils (nominal) effectively controls concrete moisture emission and creates an alkaline barrier between the substrate and adhered flooring materials. TechMVC is compatible with appropriate CustomTech primers, most nonporous surface primers, reactive and pressure sensitive adhesives and setting materials typically used to install adhered flooring such as: ceramic tile, vinyl composition tile (VCT), carpet, sheet vinyl, rubber and wood.

Note: Some adhesives may require the use of a primer, consult CUSTOM Technical Services.

TechMVC is compatible with most epoxy coatings (including epoxy terrazzo) and reactive urethane and epoxy adhesives for direct bond applications.

For professional use only.

Suitable Substrates:

- Concrete, mortar beds, masonry. Properly prepared sound and stable concrete substrates having a minimum tensile strength of 150 psi (when tested per ASTM C 1583 with an MVER up to 25 lbs. per 1,000 sq. ft. (11.3 kg per 92.9 m²) per 24 hours, and/or RH up to 100%.

Benefits of Product in the Installation:

- True single coat application
- Alkaline resistant to pH 14
- Reduces moisture vapor transmission (MVT) to less than 3 lbs. (1.36 kg) when applied to correct thickness
- Primer ready in 4 hours at 73°F (23°C)

Ordering Information

ITEM CODE	SIZE	PACKAGE
TechMVCK	2.65 Gallon Kit	Pail

Coverage

Location	Minimum Coverage
Slab on grade	450 sq ft (41.81 m ²) / unit, equivalent to a minimum thickness of 8.5 mils for a warranted system.
Slab above grade	700 sq ft (65.01 m ²) / unit, equivalent to a minimum thickness of 5 mils for a warranted system.

*Coverage values are for product manufactured after 3/1/16. Contact CUSTOM Technical Services for more information.

Chart for estimating purposes. Coverage may vary based on installation practices and jobsite conditions. For more sizes, use the material calculator at CustomBuildingProducts.com or contact CUSTOM Technical Services at 800-282-8786.



Warranty: Flooring Installation Systems products are backed by up-to a 25-year warranty. See CustomTechFlooring.com for full warranty information including limitations and exclusions.

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