

# The True Blue Solution for Concrete Moisture.



Trust TEC® LiquiDam™ Moisture Vapor Barrier  
for demanding moisture problems.



With millions of square feet of successful flooring installations over concrete with high MVER, the LiquiDam™ formula is a proven moisture mitigation solution. Ideal for damp or new concrete, TEC® LiquiDam cures in as little as 4-5 hours, to allow for same-day flooring installation, and also provides a visual assurance of coverage during application. Additionally, shot blasting may not be required before application, and the 2-part system has zero VOC, to contribute to LEED® project points.

**Contact your local sales rep to request a demo.  
Have a question? Visit [TECQuestions.com](http://TECQuestions.com).**



To learn more, visit [TECSpecialty.com](http://TECSpecialty.com)

See Reverse for More Information 



# LiquiDam™ Penetrating Moisture Vapor Barrier

TEC® LiquiDam™ is a low viscosity, high penetrating, two-part 100% solids epoxy. It is specially formulated to be applied to damp or new concrete, as little as 48 hours old, with a moisture vapor emission rate (MVER) less than or equal to 25 lbs. per 1,000 ft² per 24 hours (0.12 kg/m² per 24 hours) or a maximum relative humidity of 100%. It is designed to reduce the MVER to less than 3 lbs. per 1,000 ft² per 24 hours (0.015 kg/m² per 24 hours).



⊘ Grinding or shot blasting may not be required\*



One coat application



Fast drying formula allows for same-day installation

## Features and Benefits

- Meets ASTM F3010 product requirements for moisture mitigation systems under resilient floor coverings
- Less than 0.10 Perm Rating (ASTM E96)
- Direct application onto green concrete up to 100% RH
- Shot blasting may not be required\*
- Can be installed over burnished concrete
- Permeates to fill voids and gaps
- Same day flooring installation – cures within 4-5 hours
- Only one coat needed
- Zero VOC contributes to LEED® project points

## Packaging

Two part system components packaged in a 2 gallon pail as follows:

Part A: .67 gallon (2.5 L) in a foil pouch

Part B: .33 gallon (1262 mL) plastic jug

1 gallon (3.79 L) net contents - Product #10016188

## Coverage

LiquiDam requires only one coat with a typical coverage rate of 150 ft² per blended gallon (3.7 m²/L).

Coverage will vary depending on surface profile and porosity, ranging from 100-180 ft² per blended gallon (2.5-4.4 m²/L). The finished application must cover the substrate completely without any voids or pinholes to ensure moisture vapor suppression.

## Technical Data

In Use Performance	Typical Results
Percent Solids	100%
Maximum Allowable Moisture Vapor Emission Rate	25 lbs. per 1,000 ft² per 24 hours (0.12 kg/m² per 24 hours)
Adhesion (ASTM D7234)	400-500 psi (2.76-3.45 MPa) (100% concrete failure)

## Physical Properties

Description	
Pot Life	25 minutes
Floor Installation Time [at 70°F (21°C), 50% RH]	4-5 hours
VOC	Part A: 0 grams/liter Part B: 0 grams/liter

## Suitable Substrates

New or existing concrete with a maximum RH of 100% or MVER of 25 lbs. per 1,000 ft² per 24 hours (0.12 kg/m² per 24 hours).



Conforms with LEED v4 low emitting interiors.  
Compliant with (CDPH) Standard Method v1.2 VOC Emissions.

\*On clean, sound concrete. Refer to the product data sheet for details.

To learn more, visit [TECspecialty.com](http://TECspecialty.com)



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