



**On the job, time is money –** for you and your customers. TEC® products are engineered to save you time, without sacrificing performance.

Use **TEC® Surface Preparation** products and install your vinyl, carpet or wood flooring in one day:

- 1. Mitigate moisture:** With LiquiDam™, no shot blasting required for clean, sound concrete\*
  - a. Shot Blasting: \$.75-3.00 per square foot additional cost
  - b. Cures within 4-5 hours
  - c. Only one coat needed
  - d. Specially formulated for damp or new concrete – as little as 48 hours old
- 2. Prime:** Multipurpose Primer is the only primer you need for all approved substrates\*, and can be used to install tile on metal and tile over tile.
  - a. Dries in one hour
- 3. Prepare Surface:** Our Feather Edge Skim Coat is a rapidly setting compound that allows you to install most floor coverings quickly.
  - a. Excellent for use over most substrates
  - b. Provides a suitable surface for even the most demanding floor coverings, such as VCT, sheet vinyl, etc.

**4. Install Flooring**

TECSpecialty.com



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TECInstallationSystems



TECInstallationSystems



TEC Installation Systems



**1 7:00am**

Apply LiquiDam™ - Penetrating Moisture Vapor Barrier



**2 12:00pm**

Apply Multipurpose Primer



**3 2:00pm**

Apply TEC® Surface Preparation



**4 5:00pm**

Install Flooring

\*Refer to the product data sheet for details.

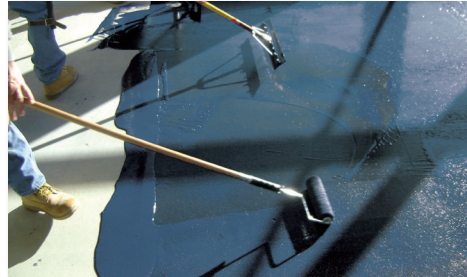


# LiquiDam™ Penetrating Moisture Vapor Barrier

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 RH 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
- 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 carton) as follows:

Part A: 2/3 gallon (2.5 L) in a 2 gallon (7.57 L) pail  
Part B: 1/3 gallon (1262 mL) plastic jug

**US version** - Product #7099741011

**Canadian version** - Product #7099741013



## Coverage

TEC® 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).

Visit [tecspecialty.com](http://tecspecialty.com) to learn more

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

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