



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

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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 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 ft ² per 24 hours (0.12 kg/m ² 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



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