

# DAM THAT'S EASY!

LiquiDam EZ water-based vapor barrier saves time and money.

Easier one-part  
formula can cut  
labor costs by up  
to 40%

Only water-based  
product to match  
epoxy performance



Can be applied to  
concrete as little as  
48 hours old and  
dries in 3-4 hours

No priming  
required

This innovative moisture vapor barrier offers a much safer, more cost-effective alternative over epoxy products. It's colored blue for visual assurance of coverage during the application process and is resealable so there is no waste. Effective moisture mitigation and efficient installation—now that's working smarter with TEC.



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## LiquiDam EZ™ Moisture Vapor Barrier

TEC® LiquiDam EZ is a 1-part, highly-engineered, polymeric emulsion moisture mitigation formula. It is 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 also designed to reduce the MVER from 25 lbs. to 3 lbs. per 1,000 ft² per 24 hours (0.015 kg/m² per 24 hours).



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Shot blasting mat not be required on clean, sound concrete



Eliminate labor for mixing – just trowel and back roll or roll-apply



Dries in 90-120 minutes per coat (2 coats required)

### Features and Benefits

- Direct application onto green concrete up to 100% RH
- Can be roller or trowel-applied
- 1-part, simply hand stir before use
- No primer required before the application of surface preparation products
- No waste and no special handling required
- Mechanical preparation, such as shot blasting, may not be required, especially for clean, sound concrete
- Can be installed over burnished concrete
- Same day flooring installation – dries within 3-4 hours
- Less than 0.10 Perm Rating (ASTM E96)
- Low VOC
- Contributes to LEED® project points

### Coverage\*

LiquiDam EZ requires two coats, with the following application coverage rates:

- First coat applied at a rate of 150 ft²/gallon (3.68 m²/L).
- Second coat applied at a rate of 300 ft²/gallon (7.36 m²/L).

For estimating purposes, this would equate to a combined coverage of 100 ft² per U.S. gallon (2.45 m²/L).

The finished application must cover the substrate completely without any voids or pinholes to ensure moisture vapor suppression.

\*Coverage may vary depending on surface porosity and/or texture.

### Packaging

5 U.S. gallon plastic pails (18.93 L)

Product #15035949



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

### 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).

### Technical Data

In Use Performance	Typical Results
Permeability (ASTM E96)	< 0.10 perms
Adhesion (ASTM D7234)	> 200 psi (> 1.38 MPa)
Physical Properties	
Description	
Physical State	Liquid
Color	Blue
Drying Time per Coat [at 70°F (21°C), 50% RH]	90 - 120 minutes per coat
VOC	1 gram/liter
Storage	Store in cool, dry location. Keep from freezing. Do not leave containers exposed to sunlight or excessive heat for long periods of time. Product must be kept at temperatures of 40°-90°F (4°-32°C).
Shelf Life	Maximum 12 months from date of manufacture in properly stored, unopened package. Uncontaminated, resealed partial pails of product can be stored, until depleted, for up to 6 months.

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



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