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

*Refer to the product data sheet for details.
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).

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

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

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

Physical Properties

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

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).