EVERYONE WINS WHEN YOU CHOOSE
EVONIK CURING AGENTS FOR MOISTURE
VAPOR BARRIER FLOOR COATINGS

The most common means to address
flooring failures due to moisture vapor
is to apply moisture vapor barrier (MVB)
coatings on the surface of the concrete
slab. Applicators can use this method for
both existing and new construction jobs
since it would be the final step before
applying the floor covering such as tile,
wood, carpet, laminate etc. or seamless
flooring system consisting of multiple
coating layers such as broadcast floors,
Terrazzo, etc.

PREMIUM PERFORMANCE
Outstanding adhesion to dry
and damp concrete
High compressive strength
Ultra-Fast return to service
with the new Ancamine® 2850

ANCAMINE® 2850
A NEW ULTRA-FAST
MVB CURING AGENT
CTL Certified Curing
Agents provide MVB
coatings with ≤0.1 perms
of moisture vapor
(AMT F 3010)

COST EFFICIENT
Ancamine® 2800 and 2850
allow to apply about 30% less
primer to get < 0.1 perms
rating vs. other commercial
MVB systems
Significant savings when used
in combination with a standard
BisA resin vs BisF

ECO-FRIENDLY
No volatile organic components
or other harmful materials
such as nonyl phenol
Ancamine® 2739 is LEED V4
compliant

The moisture vapor barrier coatings formulated with
Ancamine 2739, 2800 and new Ancamine® 2850 are
100% solids epoxy system applied directly to surface of
prepared concrete at ≥ 10 mils (0.25mm) to suppress moisture
transmission down to ≤ 0.1 perms (0.1 grains/h/ft²/in. Hg).

As certified by third party testing, Ancamine® 2739, 2800
and 2850 do exceed the moisture mitigation systems
standard ASTM F3010 -13 which is a standard practice for
Two-component Resin Based Membrane-Forming Moisture
Mitigation Systems for Use under Resilient Floor Coverings.
## Evonik Commercial Offerings vs Standard Commercial System

<table>
<thead>
<tr>
<th></th>
<th>Ancamine® 2739*</th>
<th>Ancamine® 2800*</th>
<th>Ancamine® 2850**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curing agent Viscosity @25°C (cPs)</td>
<td>350</td>
<td>500</td>
<td>542</td>
</tr>
<tr>
<td>Mix Viscosity @25°C (cPs)</td>
<td>500</td>
<td>594</td>
<td>1050</td>
</tr>
<tr>
<td>Gel Time, 150g mass @ 25°C (min)</td>
<td>85</td>
<td>41</td>
<td>28</td>
</tr>
<tr>
<td>Thin film set time, phase 3 (hr) ASTM D5895</td>
<td>11</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Adhesion to concrete*** ASTM D7234</td>
<td>&gt; 350 psi Bulk concrete failure</td>
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</tr>
<tr>
<td>Permeance; (grains/hr/ft²/in. Hg) ASTM E96 wet method at specified thickness (mils)***</td>
<td>0.064 (16mils)</td>
<td>0.051 (16 mils)</td>
<td>0.048 (16 mils)</td>
</tr>
</tbody>
</table>

* Resin side:  LER (BADGE) /  Epodil® 749 /  Epodil® 748; (80:10:10)
** Resin side:  LER (BADGE) /  Epodil® 748; (90:10)
*** Results from third party testing (CTL Group)