KOVARA™ moisture barriers are designed to be installed onto concrete floor slabs and below floor coverings to protect these materials – as well as their adhesives – from any staining, warping, or mold resulting from moisture and alkaline salts infiltrating through the concrete slab.

KOVARA™ moisture barriers have been installed in over 50 million square feet of building space and are backed by a 10-year limited replacement warranty. Complete warranty information can be found at gcpat.com or by contacting a GCP Applied Technologies sales representative.

Approved Floor Coverings

The following products have been approved for KOVARA™ moisture barrier installations:

- Carpet tile
- VCT-vinyl composition tile
- SVT-solid vinyl tile
- LVT/LVP-luxury vinyl tile/luxury vinyl plank
- SDT-static dissipative tile
- Laminate flooring
- Ceramic tile
- Porcelain tile
- Natural stone
- Broadloom carpet
- Woven synthetic-backed stretch-in, double glue and direct glue carpet
- PVC backed carpet
- Urethane foam backed carpet
- Compressed urethane backed carpet
- Recycled backed carpet
- Engineered wood-floating or direct glue
- Bamboo

Benefits for KOVARA™ moisture barriers include:

- Reduced labor costs and improved project capacity
- Less downtime and business disruption
- No shotblasting required; self-leveling needed only for uneven floors
- No VOCs (per California Specification 01350)
- Does not support mold or mildew growth

KOVARA™ moisture barrier products include:

- KOVARA™ MBX membrane protects against alkalinity and moisture in concrete slabs up to 99.5% relative humidity.
- KOVARA™ 95 membrane protects against alkalinity and moisture in concrete slabs up to 95% relative humidity.

A Quicker and Easier Way to Protect Floors

KOVARA™ moisture barriers are applied using a roll-and-tape installation process with minimal prep time and no cure time. This allows for a faster, simpler, and cleaner installation process than epoxy and other liquid moisture mitigation barriers.
KOVARA™ Moisture Barrier Physical Properties

<table>
<thead>
<tr>
<th>Description</th>
<th>Testing Method</th>
<th>Typical Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roll Size</td>
<td>-</td>
<td>5’ x 144’ (720 sq. ft.)</td>
</tr>
<tr>
<td>Kovara™ MBX Minimum Basic Weight</td>
<td>ASTM D2646</td>
<td>12.5 lbs. per 100 sq. ft.</td>
</tr>
<tr>
<td>Kovara™ 95 Minimum Basic Weight</td>
<td>ASTM D2646</td>
<td>11.5 lbs. per 100 sq. ft.</td>
</tr>
<tr>
<td>Kovara™ MBX Minimum Thickness</td>
<td>ASTM D5729</td>
<td>28.0 mils</td>
</tr>
<tr>
<td>Kovara™ 95 Minimum Thickness</td>
<td>ASTM D5729</td>
<td>24.0 mils</td>
</tr>
<tr>
<td>Kovara™ MBX Permeance</td>
<td>ASTM E96</td>
<td>0.044 grain h⁻¹ ft⁻² in Hg⁻¹</td>
</tr>
<tr>
<td>Kovara™ 95 Permeance</td>
<td>ASTM E96</td>
<td>0.084 grain h⁻¹ ft⁻² in Hg⁻¹</td>
</tr>
<tr>
<td>Maximum PH Allowed</td>
<td>-</td>
<td>12</td>
</tr>
<tr>
<td>Fungi and Mold Resistance</td>
<td>ASTM G21-15</td>
<td>Does not sustain mold growth</td>
</tr>
<tr>
<td>VOC</td>
<td>ASTM D5197</td>
<td>Zero VOC product</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>ASTM D5197</td>
<td>Passes</td>
</tr>
<tr>
<td>Flammability</td>
<td>ASTM D2859-96</td>
<td>Passes</td>
</tr>
<tr>
<td>Dimensional Stability</td>
<td>ASTM D7570</td>
<td>Passes</td>
</tr>
<tr>
<td>Radiant Panel</td>
<td>ASTM E648-10</td>
<td>Passes</td>
</tr>
<tr>
<td>Smoke Density</td>
<td>NFPA 258</td>
<td>Passes</td>
</tr>
<tr>
<td>Residual Indentation</td>
<td>ASTM F970</td>
<td>Passes</td>
</tr>
</tbody>
</table>

Please contact GCP Technical Services for a warranty registration form or any other questions. For any products not listed, contact GCP Technical Services for additional information.

KOVARA™ Moisture Barrier Installation
Review complete installation instructions on gcpat.com for information on substrate preparation, membrane installation, and finished flooring installation prior to installing KOVARA™ MBX or KOVARA™ 95 products.

The following specialty floors require review of existing conditions and use to ensure the best installation.
- Commercial and residential sheet vinyl flooring
- Rubber flooring
- Resilient sports flooring
- Wood court flooring

Same product. New Name. VERSASHIELD® is now KOVARA™
Visit gcpat.com for additional information about KOVARA™ moisture barriers.