TruPave® Engineered Paving Mat
Nonwoven Pavement Interlayer

The Difference TruPave® Engineered Paving Mat Makes:

- Millable and recyclable: TruPave® will breakdown under milling operations due to the unique use of fiberglass and polyester fibers; it is perfect for use in recycled asphalt paving mixes for sustainability and reducing the carbon footprint of producing virgin asphalt mixes and conventional pavement removal techniques.

- Improves fatigue resistance in flexible pavements: Laboratory testing proves that TruPave’s® high tensile strength improves flexural pavement performance under loading.

- TruPave’s® unique nonwoven fiber matrix construction provides for a multi-directional, 360° stress relief interlayer. As pavements exhibit cracking in all directions, TruPave’s® tensile strength and low elongation attributes are translated to the pavement section, mitigating further crack development; in all directions.

- Helps to reduce the long-term maintenance and rehabilitation costs associated with pavements.

- Withstands the higher temperatures of today’s hot mix asphalt paving mixes.

OUR APPLICATIONS
TruPave® is specifically designed to be used in hot mix overlay applications over existing asphalt and/or concrete pavement, or in new construction between the asphalt layers. It is recommended to follow Owens Corning’s Installation Guidelines. TruPave® Engineered Paving Mat is ideal for:

- Highways
- Urban Streets
- Airports
- Bridge Decks
- Parking Lots
- Shopping Centers

OUR PROCESS
TruPave® Engineered Paving Mat is manufactured using a wet-formed process, comprised of fiberglass and polyester fibers blended in an aqueous latex resin. This unique manufacturing process ensures that the fibers uniformly disperse and form a strong interlocking mat that will deliver tensile strength in all directions.

TruPave® is available in the following sizes:
- 12’6” x 360’ (500 sy)
- 10’0” x 360’ (400 sy)
- 6’25” x 360’ (250 sy)

OUR SERVICE
TenCate® offers complete application technical assistance. Our comprehensive service includes assistance during design, specification and throughout the process. TenCate® makes the difference.
**Technical Data** (All values are minimum average roll values)

<table>
<thead>
<tr>
<th>Mechanical Properties</th>
<th>Test Method</th>
<th>Unit</th>
<th>Roll Value</th>
<th>Nominal</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength (MD)</td>
<td>ASTM D5035</td>
<td>lbf/2 in</td>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tensile Strength (CD)</td>
<td>ASTM D5035</td>
<td>lbf/2 in</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tensile Strength (bias angle)(^1)</td>
<td>ASTM D5035(^2)</td>
<td>lbf/2 in</td>
<td>70</td>
<td></td>
<td></td>
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<tr>
<td>Elongation @ max load</td>
<td>ASTM D5035</td>
<td>%</td>
<td>&lt;5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asphalt Retention</td>
<td>ASTM D6140</td>
<td>gal/yd(^2)</td>
<td>0.18 (0.82)</td>
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<td></td>
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<tr>
<td>Melting Point</td>
<td>ASTM D276</td>
<td>°F (°C)</td>
<td>--</td>
<td>&gt; 446 (&gt; 230)</td>
<td></td>
</tr>
<tr>
<td>Mass/Unit Area</td>
<td>ASTM D5261</td>
<td>oz/yd(^2) (g/m(^2))</td>
<td>4.1 (137)</td>
<td>4.4 (146)</td>
<td></td>
</tr>
</tbody>
</table>

\(^1\) In paving applications, bias angle tensile strength can be a factor in mitigating multi-directional crack propagation

\(^2\) Modified test sample is cut on a 45\(^\circ\) angle and tested according to ASTM D5035