**SYSTEM BUILD UP SHEET**

**MATACRYL® WPM**

**Waterproofing Membrane Layer Under Asphalt**

Single Tack Coat Layer

<table>
<thead>
<tr>
<th>Layer</th>
<th>Material</th>
<th>Application Rate</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Primer on substrate¹ Broadcast aggregate</td>
<td>Matacryl Primer CM Quartz 0.3 to 0.7 mm</td>
<td>0.3 to 0.5 kg/m² 0.3 kg/m²</td>
</tr>
<tr>
<td>2</td>
<td>Membrane² (1 or 2 layers)</td>
<td>Matacryl Manual / Matacryl Manual LM Matacryl Machine / Matacryl Machine LM</td>
<td>Minimum 2.8 kg/m²</td>
</tr>
<tr>
<td>3</td>
<td>Tack Coat Broadcast aggregate</td>
<td>Matacryl STC Quartz 2.0 to 3.5 mm</td>
<td>0.5 to 1.0 kg/m² 1.0 to 2.0 kg/m²</td>
</tr>
</tbody>
</table>

¹ Porous or uneven substrates may require multiple primer coats

² Membrane application rate/thickness: min 2.8 kg/m² (80 mils) for single layer; min 1.4 kg/m² each (40 mils each) for two layers

Asphalt overlay

Tack Coat layer

Membrane layer

Primer on substrate

**Matacryl WPM Systems are certified compliant with HAPAS requirements for performance and durability – Guidelines for the Assessment and Certification of Waterproofing systems for Use on Concrete Decks of Highway Bridges Sections 5 and 8 by the British Board of Agrément.**
SYSTEM BUILD UP SHEET

MATACRYL® WPM

Waterproofing Membrane Layer Under Asphalt
Double Tack Coat Layer

<table>
<thead>
<tr>
<th>Layer</th>
<th>Material</th>
<th>Application Rate</th>
<th>Thickness</th>
</tr>
</thead>
</table>
| 1     | Primer on substrate\(^1\)  
Broadcast aggregate  
Matacryl Primer CM  
Quartz 0.3 to 0.7 mm | 0.3 to 0.5 kg/m\(^2\)  
0.3 kg/m\(^2\) | 13 to 20 mils |
| 2     | Membrane\(^2\) (1 or 2 layers)  
Matacryl Manual / Matacryl Manual LM  
Matacryl Machine / Matacryl Machine LM | Minimum 2.8 kg/m\(^2\) | Minimum 80 mils |
| 3     | Tack Coat  
Broadcast aggregate  
Matacryl STC  
Quartz 0.3 to 0.8 mm | 0.3 to 0.5 kg/m\(^2\)  
Minimum 1.0 kg/m\(^2\) | 13 to 20 mils |
| 4     | 2\(^{nd}\) Tack Coat  
Matacryl Tack Coat No. 1 | 0.6 to 1.0 kg/m\(^2\) | 24 to 40 mils |

\(^1\) Porous or uneven substrates may require multiple primer coats

\(^2\) Membrane application rate/thickness: min 2.8 kg/m\(^2\) (80 mils) for single layer; min 1.4 kg/m\(^2\) each (40 mils each) for two layers

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