

# **Matacryl**<sup>®</sup>

### **WPM** Waterproofing System Under Asphalt

#### Double Tack Coat Layer under Asphalt – Typical System Build

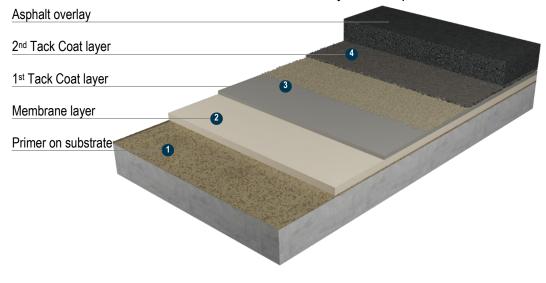
Layer		Material	Application Rate	Thickness
0	Primer on substrate <sup>1</sup>	Matacryl Primer CM	0.33 to 0.50 kg/m <sup>2</sup>	13 to 20 mils
			0.09 to 0.13 gal/m <sup>2</sup>	
			0.008 to 0.012 gal/f <sup>2</sup>	
	Broadcast aggregate	Quartz 0.3 to 0.7 mm	0.30 kg/m <sup>2</sup>	
			0.66 lb/m <sup>2</sup>	
			0.06 lb/f <sup>2</sup>	
0	Membrane <sup>2</sup>	Matacryl Manual / Matacryl Manual LM	Minimum 2.6 kg/m <sup>2</sup>	Minimum 80 mils
	(1 or 2 layers)	Matacryl Machine / Matacryl Machine LM	0.54 gal/m <sup>2</sup>	
			0.05 gal/f <sup>2</sup>	
€	Tack Coat	Matacryl STC	0.3 to 0.5 kg/m <sup>2</sup>	13 to 20 mils
			0.09 to 0.13 gal/m <sup>2</sup>	
			0.008 to 0.012 gal/f <sup>2</sup>	
	Broadcast aggregate	Quartz 0.3 to 0.8 mm	Minimum 1.0 kg/m <sup>2</sup>	
			2.21 lb/m <sup>2</sup>	
			0.21 lb/f <sup>2</sup>	
4	2 <sup>nd</sup> Tack Coat <sup>3</sup>	Matacryl HM Tack Coat	0.6 to 1.0 kg/m <sup>2</sup>	24 to 40 mils
			1.3 to 2.2 lb/m <sup>2</sup>	
			0.1 to 0.2 lb/f <sup>2</sup>	

<sup>1</sup> Porous or uneven substrates may require multiple primer coats

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

<sup>3</sup>Where asphalt overlay is subjected to higher shear stress, is identified as thin section - Matacryl HM Tack Coat, as shown, should be used.

#### The Matacryl WPM System is installed and finished ready to receive asphalt overlay. No further additional tack coat by others is required or should be used.





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Layer		Material	Application Rate	Thickness
0	Primer on substrate <sup>1</sup>	Matacryl Primer CM	0.33 to 0.50 kg/m <sup>2</sup> 0.09 to 0.13 gal/m <sup>2</sup> 0.008 to 0.012 gal/f <sup>2</sup>	13 to 20 mils
	Broadcast aggregate	Quartz 0.3 to 0.7 mm	0.30 kg/m <sup>2</sup> 0.66 lb/m <sup>2</sup> 0.06 lb/f <sup>2</sup>	
2	Membrane <sup>2</sup> (1 or 2 layers)	Matacryl Manual / Matacryl Manual LM Matacryl Machine / Matacryl Machine LM	Minimum 2.6 kg/m² 0.54 gal/m² 0.05 gal/f²	Minimum 80 mils
6	Tack Coat	Matacryl STC	1.0 kg/m² 0.27 gal/m² 0.03 gal/f²	30 to 40 mils
	Broadcast aggregate	Quartz 2.0 to 3.5 mm	1.0 to 2.0 kg/m <sup>2</sup> 2.21 to 4.41 lb/m <sup>2</sup> 0.21 to 0.41 lb/f <sup>2</sup>	

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