

Laykold Masters 5

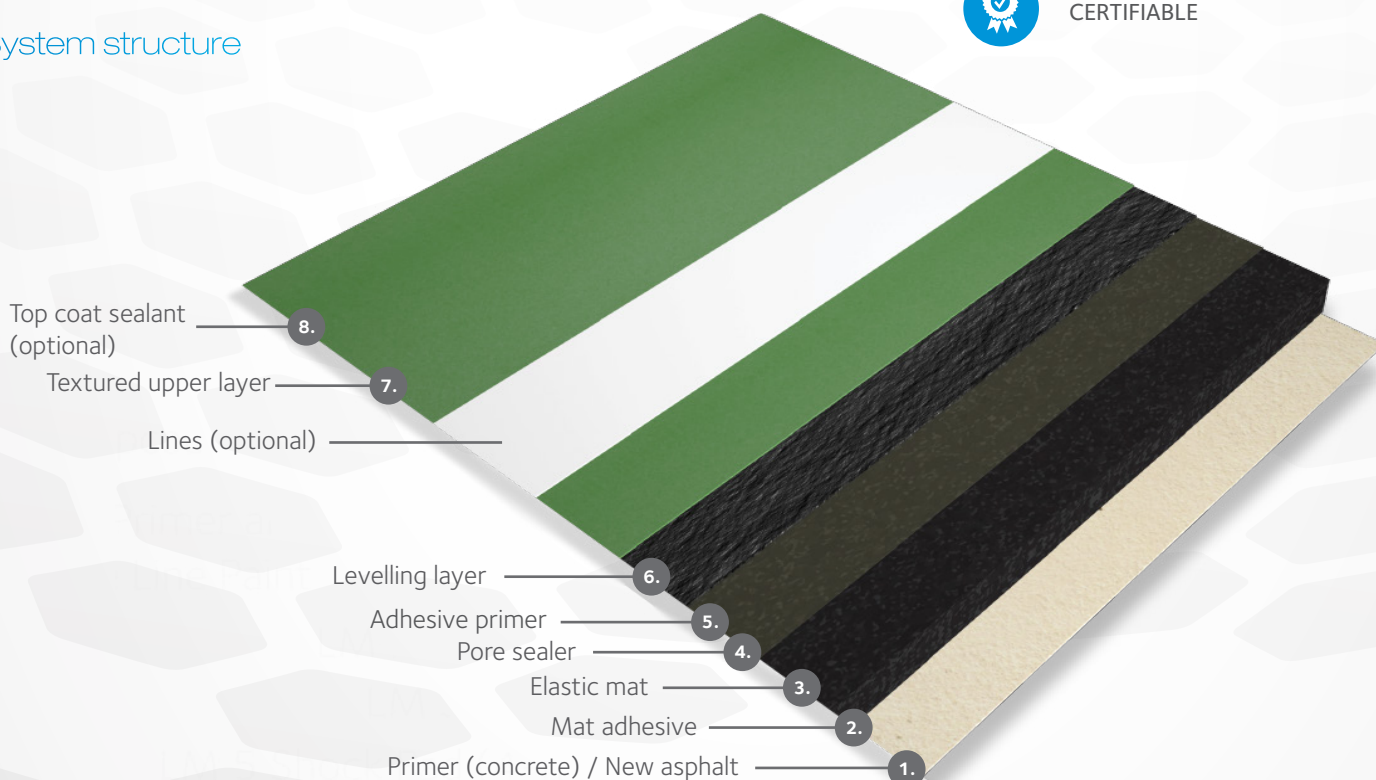
Comfort of play like no other thanks to the cushioning effect of the Laykold Masters 5

Laykold Masters 5 is an all-weather acrylic system that is both hard-wearing and durable with a cushioning effect to improve the comfort of play. Its main areas of application are tennis courts and multi-sports surfaces (for basketball, volleyball, football). Regardless of how and where it is installed, a consistent surface structure can be achieved thanks to the defined quartz sand prefilling. Laykold Masters 5 is available in several colors, allowing you to add a creative splash to your asphalt or concrete surfaces whether old or new.

Laykold Masters 5 is laid seamlessly without any joints. With its textured and water-impermeable surface, it offers optimum sporting characteristics.

-  WIDE CHOICE OF COLORS
-  UV-RESISTANT COLORS
-  SLIP-RESISTANT
-  DURABLE
-  LOW ABRASION
-  GOOD CUSHIONING EFFECT
-  WATER-IMPERMEABLE
-  FACTORY-TEXTURED TOPCOAT
-  RESOURCE CONSERVATION
-  CERTIFIABLE

System structure



Design and coverage

Layer	Product	Coverage	Additional components required	Application method	Installation steps	
1.	Primer (concrete)	LM Concrete Primer	0.15 kg/m ²	None	Spraying	Step 1
	new asphalt	LM FlexFill	0.25–0.35 kg/m ²	Water: 5 to 1	Spread-coating	Step 1
		LM Acrylic Basecoat	0.29–0.40 kg/m ²	Water: 1 to ca. 0.5 Sand: 1 to 2.5 kg Cement: 1 to 0.9 kg	Spread-coating	Step 1
2.	Mat adhesive	LM Adhesive	approx. 0.80 kg/m ²	None	Flat coating	Step 1
3.	Elastic mat ⁴ or LM 5 GT Elastic mat		4 mm		Gluing	Step 1
	LM Sealer, for edges only	LM Sealer	approx. 80 kg	None	Flat coating	Step 1
4.	Pore sealer	LM Sealer	0,80 kg/m ²	None	Flat coating	2 steps
5.	Adhesive primer	LM Bond Kote	0,10 kg/m ²	None	Flat coating/Spraying ³	Step 1
6.	Levelling layer	LM Filler	0.30 kg/m ² ¹	Water: 5 to 1	Spread-coating	2 steps
7.	Textured top coat					
	For classification 2	LM Topcoat undiluted	0.47–0.52 kg/m ² ¹	Water: 5 to 1 ²	Spread-coating	2 steps
	For classification 3	LM Topcoat undiluted	0.41–0.47 kg/m ² ¹	Water: 5 to 1 ²	Spread-coating	2 steps
	For classification 4	LM Topcoat undiluted	0.41–0.47 kg/m ² ¹	Water: 5 to 1 ²	Spread-coating	2 steps
8.	Top coat sealant For classification 4	LM Topcoat Finish undiluted	0.17–0.23 kg/m ²	Water: 1 to 1	Spread-coating	Step 1

¹ Coverage per step // ² The specified amount of water is assumed for an outside temperature of approx. 20°C. At higher temperatures, the water content can also be increased. // ³ e. g. with Wagner SF 35 sprayer // ⁴ Delivery time on request

Sub-floor properties and condition	A water-impermeable asphalt or concrete base layer is recommended to serve as a suitable sub-floor. The existing surface must be cleaned thoroughly before the product is applied. It must also be undamaged, dry and free from oils and other adhesion inhibitors. Any flaking and peeling, holes and other forms of substrate damage must be repaired. Similarly, all unevenness must be levelled out before starting the surface treatment.
ITF classifications	Classified Court Pace, Category 2 – Medium-Slow Classified Court Pace, Category 3 – Medium Classified Court Pace, Category 4 – Medium-Fast
Test certificates	ITF

System properties

PROPERTIES	STANDARD	RESULT
Thickness	DIN EN 1969	5 mm
Impact absorption	DIN EN 14808	14 %
Vertical deformation	DIN EN 14809	0.5 mm
Vertical ball behaviour	DIN EN 12235	98 %
Angled ball behaviour	DIN EN 13865	29 (slow)
Friction	DIN EN 13036-4	99 (dry) / 65 (wet)
Abrasion resistance	DIN EN ISO 5470-1	0.52 g
Tensile strength (EN 12230)	DIN EN 12230	0.65 MPa / 60 %

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