

Laykold® Masters 8

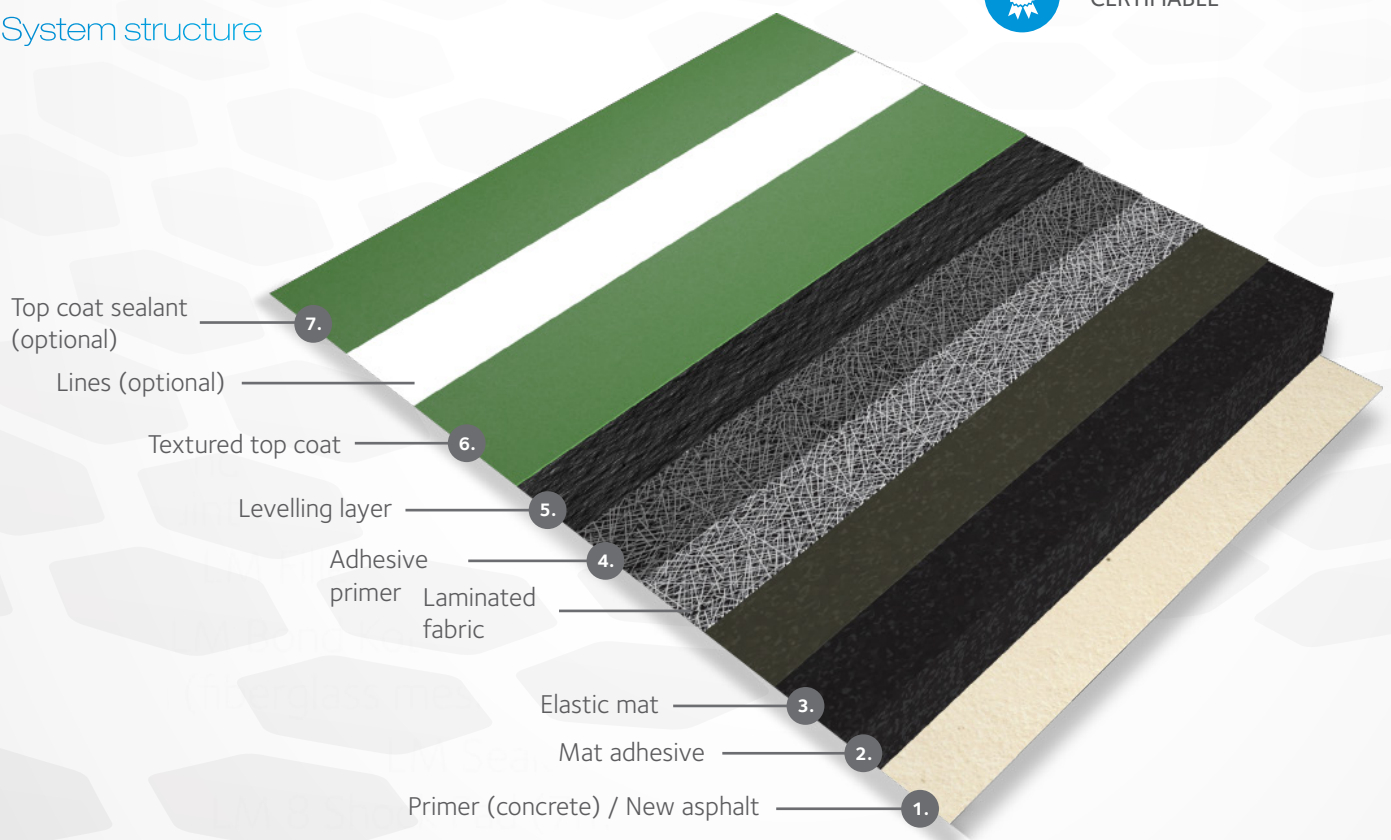
Optimum sporting characteristics with Laykold Masters 8

Laykold Masters 8 is an all-weather acrylic system that is both hard-wearing and durable and features a superb 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 8 is available in several colors, allowing you to add a creative splash to your asphalt or concrete surfaces whether old or new.

Laykold Masters 8 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
-  EXCELLENT 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 Water: 5 to 1 Water: 1 to ca. 0.5 Sand: 1 to 2.5 kg Cement: 1 to 0.9 kg	Spraying Spread-coating Spread-coating	Step 1
	new asphalt	LM FlexFill LM Acrylic Basecoat	0.25–0.35 kg/m ² 0.29–0.40 kg/m ²			Step 1
2.	Mat adhesive	LM Adhesive	0.80 kg/m ²	None	Flat coating	Step 1
3.	Elastic mat ⁴ with laminated fabric		7 mm		Gluing	Step 1
	LM Sealer, for edges only	LM Sealer	118.8 kg in total	None	Spread-coating	Step 1
4.	Adhesive primer	LM Bond Kote	0.25 kg/m ²	None	Flat coating/Spraying ³	Step 1
5.	Levelling layer	LM Filler	0.30 kg/m ² *	Water: 5 to 1	Spread-coating	2 steps
6.	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
7.	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	8 mm
Impact absorption	DIN EN 14808	23 %
Vertical deformation	DIN EN 14809	0.8 mm
Vertical ball behaviour	DIN EN 12235	103 %
Angled ball behaviour	DIN EN 13865	30 (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	1.81 Mpa / 53 %

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