

ATHLETICS

Solid synthetic SR Olympic

With GCC Sport Surfaces' synthetic athletics tracks you can create the optimal circumstances for training sessions and matches. Synthetic athletics tracks can be used intensively. The layer under the top surface is just as important for users' comfort, and GCC Sport Surfaces' tracks are constructed in such a way that stability, grip and energy absorption are in balance. They are suitable for indoor and outdoor athletics facilities, have a seamless surface and are thus environmentally friendly and UV resistant. Thanks to their surface elasticity, they can withstand the use of spikes.

Solid synthetic

GCC Sport Surfaces' athletics tracks are certified by the International Association of Athletics Federations (IAAF) and the NOC*NSF. If you choose a solid synthetic system, you are choosing a system whose underlayers are made of material of premium quality and have excellent shock-absorbent capabilities. Both the top layer and the underlayers are made of polyurethane fill. As a result, the track meets the highest standards in athletics. Solid synthetic is easy to maintain.

Sport-technical properties

Temperature	Shock absorption	Vertical distortion
0°C	34%	1.4 mm
+10°C	35%	1.5 mm
+20°C	36%	1.6 mm
+40°C	39%	1.7 mm

System properties

Water permeability	EN 12616	Sealed
Slip capacity	DIN 18035-6 dry	0.62
	DIN 18035-6 wet	0.57
Skid resistance	EN 13036-4 dry	101
	EN 13036-6 wet	65
Layer thickness	EN 1969	14.5 mm
Compression strength	N/S1.1	> 4 N/mm ² > 4 MPa
Tensile strength	DIN 54455	0.68 N/mm ²
Elongation at break	DIN 54455	> 70%
Resistance to wear	ASTM C-501	3.6 mg per 1000 cycles
Spike capability	DIN 18035-6	Class 1
UV resistance	EN 14836	Excellent <4
Flammability	DIN 51960	Not flammable Class 1
Environmental requirements	DIN 18035-6	Satisfactory



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