

ATHLETICS

Sandwich SR Sprint

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.

Sandwich

GCC Sport Surfaces' athletics tracks are certified by the International Association of Athletics Federations (IAAF) and the NOC*NSF. As its name suggests, the sandwich system is built up of several layers. The seamless surface of this type of athletics track consists of shock-absorbent rubber granules with a thickness of 11 mm. The pores of the base layer are expertly sealed so that the product is watertight. On top of this is applied a solid synthetic polyurethane top layer with a thickness of 3 mm. While it is still wet, this is strewn with EPDM granules, resulting in a high degree of user comfort and top performances.

Sport-technical properties

Temperature	Shock absorption	Vertical distortion
0°C	36%	1.7 mm
+10°C	39%	2.0 mm
+20°C	40%	2.5 mm
+40°C	42%	2.5 mm

System properties

Water permeability	EN 12616	Sealed, 27240 mm/h
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 mm
Compression strength	N/S1.1	> 4 N/mm ² > 4 MPa
Tensile strength	DIN 54455	0.52 N/mm ²
Elongation at break	DIN 54455	> 44%
Resistance to wear	ASTM C-501	3.6 grams 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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