


TECHNICAL SPECIFICATIONS PROPLAY - SPORT 23

COMPOSITE			
Description		Value	Standard
<u>Dimensions</u>			
Minimum thickness (at a load of 2 kPa)		23 mm	
Length (of pannels)		2.25 m	
Width (of pannels)		0.90 m	
Due to influence of large temperature changes, the panels can expand and/or shrink during the installation.			
<u>Mass per unit area</u>		4560 g/m ²	
<u>Sport technical characteristics</u>			
Measured with an 'Advanced Artificial Athlete'.			
Force reduction		57 %	
Energy restitution		49 %	
Material deformation		6.7 mm	
<u>Critical fall height</u>		1.1 m	EN 1177
Resulting in a HIC value of 1000.			
<u>Drainage</u>			
In-plane water flow capacity (rigid/rigid), with 2 kPa load at i = 0.03		0.03 l/s.m	EN-ISO 12958
Permeability normal to the plane, without load; velocity index [V] _{H50}		0.007 m/s	EN-ISO 11058
Water infiltration rate [I _A]		5522 mm/h	EN 12616
TEXTILE			
Polymer		PET (Polyester)	
Mass per unit area		70 g/m ²	EN 29073-1
Thickness		0.3 mm	EN-ISO 9073-2
Tensile strength			EN 29073-3
MD		170 N/50mm	
CMD		130 N/50mm	
FOAM			
Polymer		100% closed-celled PEX (cross-linked Polyethene) thermal bonded -80 / +100 °C temperature range +130 / +200 °C melting range	
Predicted to be durable for a minimum of 100 years in natural soils with 4 < pH < 9 and soil temperatures < 25 °C.			
			
All specifications are based on reports of independent laboratories and the knowledge of Schmitz Foam Products B.V. at the time of printing. Schmitz Foam Products B.V. reserves oneseff the right of changing the specifications and/or the products.			
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