TECHNICAL SPECIFICATIONS PROPLAY 45

Description	Value		Standard
COMPOSITE			
Dimensions			
Minimum thickness (at a load of 2 kPa)	45	mm	
Length x width (of pannels)	2,25 x 0,90	m	
Due to influence of large temperature changes, the panels can expand and/or shrink during the installation.			
Mass per unit area	4700	g/m^2	
Critical fall height	1.7	m	EN 1177
Resulting in a HIC value of 1000.			
Single layer under 24 mm artificial grass with 25 kg/m^2 sand	2.1	m	EN 1177
Double layer under 24 mm artificial grass with 25 kg/m^2 sand	3.1	m	EN 1177
Drainage			
In-plane water flow capacity (rigid/rigid), at i = 0.03 (and a load of 2 kPa)	0.06	l/s.m	EN-ISO 12958
Permeability normal to the plane, without load; velocity index [VI_{H50}]	0.018	m/s	EN-ISO 11058
Water infiltration rate [I_A]	5522	mm/h	EN 12616
Isolation			
Thermal conductivity [λ_{10}]	0.05	W/m.K	EN 12667
Durability			
Based on the available guidelines (according ISO/TR 13434), predicted to be durable for a minimum of 100 years.			
microbiological resistance (according EN 12225) - resistance to: weathering (according EN 12224) - oxidation (according EN-ISO 13438) - acids & bases (according EN 14030)			
TEXTILE			
Thermal bonded PET (Polyester)			
Thickness	0.3	mm	EN-ISO 9073-2
Mass per unit area	70	g/m^2	EN 29073-1
Tensile strength (MD - CMD)	170 - 130	N/50mm	EN 29073-3
FOAM			
Thermal bonded 100% closed-celled PEX (cross-linked Polyethene)			
Application range from -80 until +100 °C (melting range from +130 until +200 °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 oneself the right of changing the specifications and/or the products. E&OE