

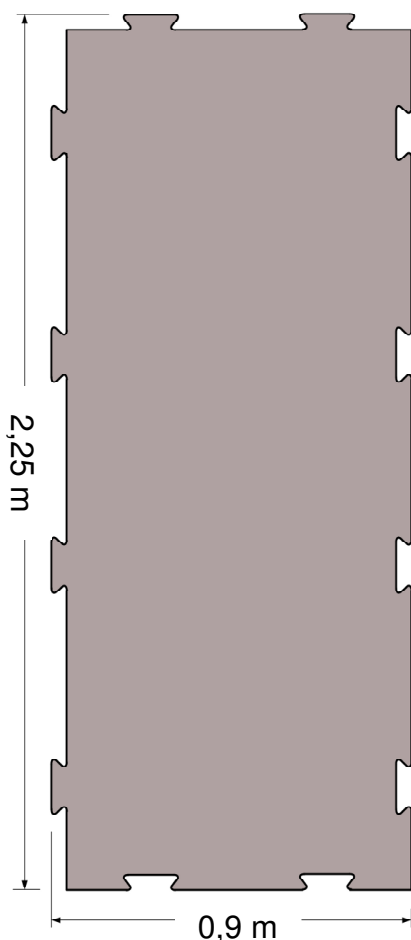
ProPlay-Sport17

Technical data sheet



ProPlay-Sport17 is designed as a sport technical layer for artificial grass sports fields.

For a prompt installation, the ProPlay-Sport17 is supplied as interlocking panels which are equipped with expansion slots. The installation guide can be downloaded at our website (www.schmitzfoam.com) or available upon request at our sales department.



Physical characteristics

ProPlay-Sport17 consists of thermal bonded (closed-celled) cross-linked Polyethene foam (PEX). This foam comes from production residues and contains no contaminants. ProPlay-Sport17 is tested based on microbiological resistance (according EN 12225) resistance to: weathering (according EN 12224), oxidation (according EN-ISO 13438), acids & bases (according EN 14030). The predicted durability of PEX is a 100 years minimum (according ISO/TR 13434).

ProPlay-Sport17 is tested on (mechanical) wear using the Lisporter test. Even after 65.000 cycles Lisporter (average 30* year usage) there are hardly any differences in sport technical characteristics (SA,VD, HIC).

The ProPlay-Sport17 is tested on aging according EN 13744 and EN 13817. This aging test has virtually no influence on the dimensional properties of ProPlay-Sport17.

* based on 1 cycle = 1 hour of usage and 2080 hours of usage per year (average usage of 52 weeks a year and 40 hrs a week)

Technical data

Physical

Thickness at 2 kPa load	17	mm	
Mass per unit area	3.2	kg/m ²	

Strength

Tensile strength	0.26	MPa	EN 12230
Tensile strength after (air) ageing acc. EN 13817	0.25	MPa	EN 12230

Performance

Shock absorption	47	%	EN 14808
Force reduction	47	%	AAA*
Energy restitution	46	%	AAA*
Vertical deformation	4.3	mm	AAA*
Vertical deformation	2.8	mm	EN 14809

Drainage and isolation

Water infiltration rate [IA]	72000	mm/hr	EN 12616
Thermal conductivity [λ_{10}]	0.05	W/m.K	EN 12667
(resulting) Thermal resistance [R-value]	340	m ² .K/W	EN 12667

*AAA = Advanced Artificial Athlete

The provided information is, to the best of our knowledge, true and accurate (at the time of revision). This information is based on (independent) measurements and (where possible) based on average values, measured over a long and representative period. Additional information (e.g. additional characteristics, specific (independent) reports or statistical analysis) is available upon request. Schmitz Foam Products is allowed to change this information and/or the product (without notice) and assumes no legal responsibility for use of and/or reliance on this information.