



Pulastic Classic 100 Light

A multi-purpose sports floor providing good comfort and safety in sports combined with multifunctional characteristics.

Nominal thickness	10 mm
Character	Point-Elastic
Classification	P2 according to EN 14904



Pulastic sports flooring is a brand of Sika Nederland B.V.

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Pulastic Classic 100 Light

Seamless point-elastic floor covering for gymnasia and sports halls

Product Description Pulastic Classic 100 Light is a sports floor providing good comfort and safety in sports activities combined with multifunctional characteristics.

Pulastic Classic 100 Light is approved according the **EN 14904** standard in category P1.

Pulastic Classic 100 Light is approved by the **F.I.V.B.** (International Volleyball Federation), **F.I.B.A.** (International Basketball Federation), **I.H.F.** (International Handball Federation) and **B.W.F.** (Badminton World Federation)

Pulastic Classic 100Light is manufactured under **ISO 9001** for quality management , **ISO 14001** for environmental care and **ISO 26000** for corporate sustainability.

Uses	<ul style="list-style-type: none">✓ Indoor✓ Training and competition of all common international ball games and badminton✓ Physical education✓ Cultural events, exams, exhibitions and a variety of non-athletic activities.
Characteristics / Advantages	<ul style="list-style-type: none">✓ Good resiliency for comfort and injury prevention✓ Seamless, non-porous and smooth surface for easy maintenance, repair and resurface procedures✓ Sustainability through high content of recycled and renewable raw materials in combination with lasting performance through outstanding mechanical strength and wear resistance✓ Water based finish for very low odour during installation and maximum indoor clean air protection during use✓ Appropriate mechanical strength and outstanding wear resistance for minimum life cycle cost and suitable usability (return on investment)✓ Outstanding ball bounce✓ Wide colour selection with outstanding colour fastness✓ No glare for clear visibility of the durable line marking✓ Excellent contact noise reduction (acoustic isolation)✓ Outstanding thermal insulation

Product Data

Colours	16 Classic colours and 16 Design colours in accordance with the colour brochure		
Technical Data /	Nominal thickness	10 mm	
System	Shock absorption	35%	EN 14808
	Vertical Deformation	1,0 mm	EN 14809
	Linear Friction (dry)	98	EN 13036-4
	Linear Friction (damp)	0,3	Leroux
	Ball Bounce	98 %	EN 12235
	Gloss	3 %	EN 2813
	Resistance to rolling load	≥ 1500 N	EN 1569
	Resistance to impact	≥ 800 gr @ 10°C ≥ 1.200 gr @ 23°C	EN 1517 EN 1517
	Resistance to indentation	0,54 mm @ 5 min 0,24 mm @ 24 hrs	EN 1516 EN 1516
	Resistance to wear	150 mg	EN ISO 5470
	VOC (internal testing)	Complies	AgBB
	Flammability	B _{fl} -S ₁	EN 13501-1
	Improvement impact sound insulation (ΔL _w)	20 dB	ISO 717-2
Technical Data /	VOC content – adhesive	Solvent free	
	VOC content – coating	0,01 gr/lit (EU)	2004/42/EG
Components		45 gr/lit	ASTM D 3960
	Resin composition	Free of solvents and heavy metals	
	Elongation at break – structure	150 %	DIN 53455
	Tensile strength – structure	8 N/mm ²	DIN 53455
	Tear strength – structure	25 N/mm	DIN 53515

Installation Conditions / Limitations

Installation shall be carried out corresponding to manufacturers installation instructions, by a manufacturer trained installer.

The subfloor shall correspond to manufacturers document “requirements prior to the installation of a Pulastic sports floor”.

Cleaning / Maintenance

The instructions for pre-treatment and cleaning corresponding to manufacturers document “Your Pulastic sports floor in top condition” shall be carried out to promote hygiene and assure that the floor retains its matt appearance and proper grip/sliding characteristics. This improves safety and enhances sport performance.

Value Base

All technical data stated in this System Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.



Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Pulastic products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

CE Labelling

The harmonized European Standard EN 14904 "Surfaces for sports areas – Indoor surfaces for multi-sports use" specifies requirements for multi-purpose indoor sports surfaces.

Seamless resin floor systems fall under this specification. They have to be CE-labelled as per Annex ZA.3, Figure ZA.1 and fulfil the requirements of the given mandate of the Construction Products Directive (89/106).

CE

Pulastic sports flooring
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EN 14904

Pulastic Classic 100 Light: Seamless polyurethane floor covering with recycled rubber shockpad, for use in gymnasias and sports halls.

Reaction to fire: Class B_{fl}-S₁

Friction: 98 (EN 13036-4)

Shock absorbency: 35% (EN 14808)

Formaldehyde emission: Class E1