



Pulastic Solidfloor Deluxe Eco

A seamless elastic polyurethane floor, especially designed for use in commercial and public areas in educational and leisure facilities, providing comfort combined with very good resistance to mechanical loads.

Nominal thickness	2 mm
Character	Comfort/Elasticity

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

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Pulastic Solidfloor Deluxe Eco

Seamless PUR floor covering for commercial and public areas

Product Description Pulastic Solidfloor Deluxe Eco is a high-end low VOC emitting polyurethane floor for use in commercial and public areas in educational and leisure facilities requiring comfort, combined with very good resistance to mechanical loads.

Pulastic Solidfloor Deluxe Eco responds to the highest standards for Indoor Air Quality, and is thus AgBB approved.

Pulastic Solidfloor Deluxe Eco is manufactured under **ISO 9001** for quality management, **ISO 14001** for environmental care and **ISO 26000** for corporate sustainability .

Pulastic Solidfloor Deluxe Eco is composed of CE labelled components.

Uses	<ul style="list-style-type: none">✓ Indoor✓ Use in educational and leisure facilities such as auditoriums, classrooms, corridors, changing/locker rooms etc.✓ <u>Not suitable for use in sports areas</u>, please consult your Pulastic representative for a tailor made solution for sports application.
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Characteristics / Advantages	<ul style="list-style-type: none">✓ Low VOC emissions (AgBB approved)✓ High fire resistance✓ Slip resistant✓ Resiliency for comfort✓ Seamless, non-porous and smooth surface for easy maintenance, repair and resurface procedures✓ Sustainability and lasting performance through outstanding mechanical strength and wear resistance✓ Excellent mechanical strength and wear resistance for minimum life cycle cost and maximum usability (return on investment)✓ UV resistant (indoor use)✓ Wide colour selection with outstanding colour fastness
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Product Data

Colours The pigmented Top Coat “Multicoat (E)” will be available in the 32 colours from the Pulastic colour card (Classic & Design colours) as well as in a limited number of RAL colours. Please consult your Pulastic representative about the details. Be aware that there could be some variation in the bright colour ranges and that in case of the bright colours 2 or more layers of Multicoat may be necessary in order to obtain good coverage of the floor.

Technical Data /	Nominal thickness	2 mm	
System	Shock absorption	4%	EN 14808
	Vertical Deformation	0,1 mm	EN 14809
	Slip resistance	R10	EN 51130
	Residual indentation	0,02 mm	EN 433
	Improvement impact sound insulation (ΔL_w)	2 dB	ISO 717-2
	Impact resistance	4 Nm	ISO 6272-1
	Resistance to rolling load	≥ 1500 N	EN 1569
	Abrasion Resistance	< 65 mg	Taber Test CS10/1kg/1000 rev.
	Gloss	10 - 30%	EN 2813
	Shore hardness	A 80-85	DIN 53505
	Flammability	B _{fl} -S ₁	EN 13501-1
	Thermal insulation value	Good	
	Compatible with floor heating*	Yes	* according to heating manufacturers specifications
Technical Data /	V.O.C. content – adhesive/resins	Solvent free	
Components	V.O.C. content - finish	< 50 gr/lit (EU)	2004/42/EG
	AgBB Approval	Yes	
	Resin composition	Free of solvents and heavy metals	

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 floor”.

Cleaning / Maintenance

The instructions for pre-treatment and cleaning corresponding to manufacturers document “Initial use and general maintenance tips for your Pulastic floor” shall be carried out to promote hygiene and assure that the floor retains its appearance and proper characteristics. This improves safety and enhances life time.

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.

System Data Sheet

System: Solidfloor Deluxe Eco

Edition: 29/10/2014

Identification No.: SDS/E/SFDE/1410

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SPORTS FLOORING

A SIKA COMPANY

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.
