



Pulastic Acoustifloor Eco

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

Nominal thickness	6 mm
Character	Sound proofing & Comfort

System Data Sheet
Edition 05/01/2010
Identification Nr.:
SDS/E/ACE6/1001
Acoustifloor Eco



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Seamless PUR floor covering for commercial and public areas

Product Description

Pulastic Acoustifloor Eco is a high-end low VOC emitting polyurethane floor for non-sports use in educational and leisure facilities requiring outstanding thermal and sound insulation and very good comfort, combined with very good resistance to mechanical loads.

Pulastic Acoustifloor is manufactured under **ISO 9001** for quality control and **ISO 14001** for environmental care.

Uses

- ▲ Indoor
- ▲ Non-sports use in educational and leisure facilities such as auditoriums, classrooms, corridors, changing/locker rooms etc.

Characteristics / Advantages

- ▲ Low VOC emissions (AgBB approved)
- ▲ Excellent noise absorbance/sound proofing
- ▲ Outstanding thermal insulation
- ▲ High fire classification
- ▲ Slip resistant
- ▲ Resiliency for excellent comfort
- ▲ Seamless, non-porous and smooth surface for easy maintenance, repair and resurface procedures
- ▲ Crack bridging
- ▲ Sustainability through high content of recycled and renewable raw materials in combination with 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



Product Data

Colours	RAL*		
	* The pigmented TopCoat "Multicoat (E)" will be available in all RAL colours. 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 / System	Nominal thickness	6 mm	
	Shock absorption	16%	EN 14808
	Vertical Deformation	1,0 mm	EN 14809
	Slip resistance	R10	EN 51130
	Residual indentation	0,23 mm	EN 433
	Impact sound reduction	17 dB	ISO 140-8
	Impact resistance	11 Nm	ISO 6272-1
	Resistance to rolling load	> 0,05 mm	EN 1569
	Abrasion Resistance	621 mg	Taber Test
	Gloss	10 - 30%	EN 2813
	Flammability	C _{fl} -S ₁	EN 13501-1
	Thermal insulation value	R = 0,032 m ² *h**C/kcal	
	Compatible with floor heating*	Yes	* according to heating manufacturers specifications
Technical Data / Components	V.O.C. content – adhesive	Solvent free	
	V.O.C. content - finish	< 0,01 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.		



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Legal Notes

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