

So larbrite®

Lentex Sports Flooring





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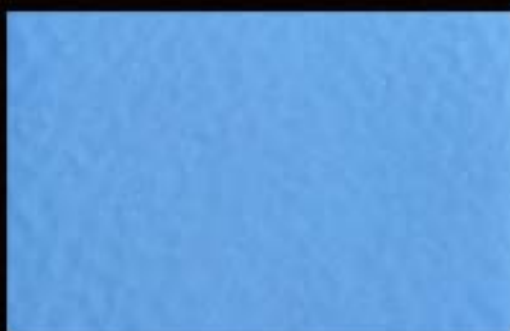
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SOLARBRITE LENTEX Floorings is designed for use in multi-purpose sports facilities. Its parameters allows to use it for Flooring games as: **Volleyball, Basketball, Table Tennis, Badminton, Handball and Futsal**. It can be also used in **Gyms, Training halls, Movement-Rehabilitation centres, Fitness Clubs & more**. Its properties, confirmed by research reports and certificates, make the flooring a professional surface material for sports floors.

Coloring

The colours of SOLARBRITE LENTEX Sport flooring are chosen taking into account the requirements of sports games. The collection includes 6 solid-colour patterns and one pattern that imitates a wooden floor. It includes Cords in colors of the surface for hot glueing. That allows to construct multi-colour sports floors with an attractive look.

Welding Cord



SOLARBRITE LENTEX Sport Floorings should be hot welded using welding cords. A wide range of colors of cords make it possible to produce permanent patterns on the surface, e.g. three-point lines, bounds, a logo.

Hot welding of pieces of Solarbrite Lentex Sport Floorings increases usable value of sports surface, protects against contamination and bursting and makes the binding-hermetic. When the Flooring is hot welded properly, it becomes a waterproof and hygienic surface which prevents water and dirt from getting under it.

Construction

SOLARBRITE LENTEX Sports Flooring has modelled surface layer to give it the required slip ratio alongwith high use values and protects the colored PVC layer made of transparent PVC. The Flooring is strengthened with glass fibre fabric which is fused with the PVC layer. The bottom layer is made of PVC foam, which gives it the required sports and technical properties.

- ❑ Modelled surface layer from transparent PVC provides the required slip ratio
- ❑ Colored middle layer from solid PVC
- ❑ White solid PVC layer, provides higher durability increases durability and provides colouring
- ❑ Glass fibre reinforcement: provides stable dimensions, increases resistance to deformation
- ❑ PVC foam layer: provides the required level of amortisation

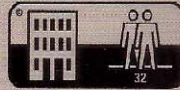


TECHNICAL CHARACTERISTICS

CE PN-EN 14041:2006/AC:2007
DZ Nr: 0 2 / Z W / 0 8

Classification

EN 685



Class 32



Class 41

	PN-EN 428	Total Thickness	4,0 mm ¹
	PN-EN 429	Thickness of wear layer	0,4 mm ²
	PN-EN 430	Total weight	3,50 kg/m ² ³

	PN-EN 426	Roll length	15 mt
	PN-EN 426	Roll width	2 mt

Installation: Glued down
with dispersion aqueous non-solvent adhesive
Painting of lines: Special-poly urethane paint

CHARACTERISTICS ACCORDING TO: EN 14041

	PN-EN 13501-1	Reaction to fire	C _{fl-s1}		PN-EN 13893	Dynamic coefficient of friction	≥ 0,3
	PN-EN 1815	Static electrical propensity	< 2,0 kV		PN-EN 1081	Electric resistance	< 1,0 x 10 ⁹ Ω

PN-EN 14041 Electric behaviour (static electricity) - classification

Antistatic and discharging floor coverings

ADDITIONAL CHARACTERISTICS

	PN-EN 651	Wear group	group T		PN ISO 105-B02	Colourfastness to artificial light	min 6
	PN-EN 434	Dimensional stability	max 0,4 % / max 8 mm		PN-EN 425	Castor chair test	no damages
	PN ISO 77/2 ΔL _v	Sound absorption	16 dB		PN-EN 433	Residual indentation after static loading	max 0,2 mm
	DIN V 18032-2	Impact strength	ca 20 N/m / min 8 N/m		PN-EN 424	Effect of simulated movement of a furniture leg	no damages
	DIN V 18032-2	Ball bouncing	100% / min 90%		DIN V 18032-2	Slip ratio	0,57 / w gran 0,4 - 0,6
	DIN V 18032-2	Indentation	0,04 mm / max 0,5 mm				

5 yrs warranty against manufacturing defect.

Nr wydania: AB/1/09-2008

¹ Tolerance of total thickness PN-EN 651 / +0,18 -0,15 mm

² Tolerance of thickness of wear layer PN-EN 651 / +13% -10%

³ Tolerance of total weight PN-EN 651 / +13% -10%

Produced by Lontox, Poland.

Marketed in India by "Solarbrite"