

Soccer Shock Pad



SHOCK PAD

Shock absorbing underlay for artificial turf pitches. The product consists mainly of cross linked polythene foam board.

v	VALUE (30KG/M ³)				UNITS	TEST METHOD
	8MM	10MM	12MM	15MM		
THICKNESS	8	10	12	15	MM	
DENSITY	30	30	30	30	KG/M ³	ISO845
TENSILE STRENGTH	0,19	0,25	0,24	0,20	mPa	ISO1798
BREAKING STRAIN	80	85	70	95	%	ASTMD3575/412
PERMANENT CRUSH (at 11 0kg/m ² pressure)	<2,29	<2,29	2,29	0,96	%	TS2013ENISO1856
THERMAL CONDUCTIVITY (A)	0,035-0,040	0,035-0,040	0,035	0,030-0,032	W(MK)	TS 388 ISO 140/6-98
VERTICAL WATER PERMEABILITY	2195	36000	1003	3200	mm/h	ISO 1663
WATER ABSORPTION	0,1761	0,1761	0,1761	0,120	(kg/m ²)	ASTN D3375-9,Suffix L
FIREPROOF GRADE	B2/B1	B2/B1	B2/B1	B2/B1	HARD FLAMMABLE NONFLAMMABLE	DIN 4102
APPLICATION TEMPERATURE	-80 °C and + 115 °C					
SHOCK ABSORPTION	31	32	44	51	+/-45%	
COMBINED WITH SYNTHETIC TURF AND INFILL	64	65	64	66	%	
ENERGY RESTITUTION	49	43	39	36	%	
VERTICAL DEFPRMATION	5	7	7	7	%	