

		Standard	Requirement	Unit	Result	Tolerance
DESCRIPTION						
Surface treatment	-	-	-	-	Triple Action Protecsol®	
Surface complex	-	-	-	-	D-Max™	
Foam backing	-	-	-	-	Vertical Closed cell	
Anti-bacterial & Fungicidal treatment			-	-	Sanosol®	
Thickness	-	EN 428	-	mm	6.2	± 0.25
	-	-	-	inch	0.24''	± 0.008
Weight	-	EN 430	-	kg/m ²	4.20	± 0.30
	-	-	-	lbs/sq ft	0.86	± 0.04
Length	-	EN 426	-	lm	32 MAX	-0 / +0.20
	-	-	-	linear ft	104'11'' MAX	-0 / +0.06
Width	-	EN 426	-	lm	1.5	-0 / +0.01
	-	-	-	linear ft	4'11''	-0 / +0.03
SPORT PROPERTIES						
Shock absorption	CEN	EN 14808	≥ 25	%	27	±3
	DIN	DIN 18032	> 50	%	30	±3
Vertical deformation	CEN	EN 14809	≤ 3.5	mm	≤3.5	
	DIN	DIN 18032	≤ 3.5	mm	≤3.5	
Energy return	Fr.	NF P 90 203	≥ 0.31	m/s	≥0.31	
Sliding coefficient	CEN	EN 13036-4	80-110	-	80-110	
	DIN	DIN 18032	0.4-0.6	-	0.4-0.6	
Ball bounce	CEN	EN 12235	≥ 90	%	97	±1
	DIN	DIN 18032	≥ 90	%	98	±1
Ball speed		UEFA			55	
TECHNICAL CHARACTERISTICS						
Indentation resistance	CEN	EN 1516	≤ 0.5	mm	≤0.5	
Static load limit	USA	ASTM F 970	≤ 0.005	inch		
Abrasion resistance	CEN	EN ISO 5470-1	≤ 1000	mg	≤350	
Impact resistance	CEN	EN 1517	≥ 8	N.m	≥8	
Rolling load resistance	CEN	EN 1569	≥ 1500	N	≥1500	
	DIN	DIN 18032	≥ 1000	N	≥1000	
Brightness	CEN	ISO 2813	≤ 30	%	≤30	
Sound Insulation	CEN	EN ISO 717-2	-	dB		
CLASSIFICATION						
Fire	USA	ASTM E 648	-		Class 1	
Chemical resistance	USA	ASTM D 543	-	-	OK	