

ProGuard Shock Pad



PRODUCT SPECIFICATIONS

Standard Thickness	12mm
Weight per SqFt.	1.56 lbs.
Standard Width	48"
Custom Thicknesses	Available upon request.

PRODUCT PERFORMANCE

Vertical Permeability ¹	ASTM F1551	> 100 in/hr (Infiltration BS EN 12616)
Compression Strength ¹	ASTM D3575-08	Rebound
Compaction %	at 25% strain	91.44%
	at 50% strain	88.21%
	at 75% strain	92.50%
Critical Fall Height ²	ASTM F3146-18	1.23m
Density ¹	ASTM D3676	34 lbs./cu.ft.
Lateral Transmissivity (0.5% slope) ¹	ASTM D4716	0.69 gal/hr/ft
355A "Flat" Gmax ²	ASTM F355A	< 104
355A "Flat" HIC ²	ASTM F355A	286
Force Reduction ²	AAA	65%
Vertical Deformation ²	AAA	9.6mm
Energy Restitution ²	AAA	40%
Rotational Resistance ²	EN15301	37N
Ball Rebound ²	EN 12235	0.92m
Tensile Strength ¹	ASTM D412	> 50 psi
Tensile Elongation at Break ¹	ASTM D412	> 55%
Compression Set B ¹	ASTM D395	< 18%
Coefficient of Friction (Movement of artificial turf over 50mm) ²	ASTM D2047	1.0 G
Microbiological Analysis ¹	ASTM G21-96	No growth 1-14 days
Temperature Resistance ¹		- 40°C to 115° C

¹ testing of pad only ² testing of system.

System= 2" turf, 70% sand/30% rubber (at depth of 40mm) with RFM ProGuard shock pad