

# REGUPOL Abzorb Product Specifications

<b>Standard Thickness</b>	8mm
<b>Weight per SqFt.</b>	1.04 lbs.
<b>Standard Width</b>	48"
<b>Custom Thicknesses</b>	Available upon request.

		8MM
<b>Vertical Permeability <sup>1</sup></b>	ASTM F1551	> 100 in/hr (Infiltration BS EN 12616)

<b>Compression Strength <sup>1</sup></b>	ASTM D3575-08	Rebound
Compaction %	at 25% strain	92.47%
	at 50% strain	89.50%
	at 75% strain	90.63%

<b>Critical Fall Height <sup>2</sup></b>	ASTM F3146-18	1.08m
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<b>Density <sup>1</sup></b>	ASTM D3676	34 lbs./cu.ft.
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<b>Lateral Transmissivity (0.5% slope) <sup>1</sup></b>	ASTM D4716	0.65 gal/hr/ft
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<b>355A "Flat" Gmax <sup>2</sup></b>	ASTM F355A	< 112
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<b>355A "Flat" HIC <sup>2</sup></b>	ASTM F355A	315
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<b>Force Reduction <sup>2</sup></b>	AAA	65%
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<b>Vertical Deformation <sup>2</sup></b>	AAA	9.3mm
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<b>Energy Restitution <sup>2</sup></b>	AAA	38%
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<b>Rotational Resistance <sup>2</sup></b>	EN15301	37N
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<b>Ball Rebound <sup>2</sup></b>	EN 12235	0.85m
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<b>Tensile Strength <sup>1</sup></b>	ASTM D412	> 50 psi
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<b>Tensile Elongation at Break <sup>1</sup></b>	ASTM D412	> 55%
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<b>Compression Set B <sup>1</sup></b>	ASTM D395	< 18%
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<b>Coefficient of Friction (Movement of artificial turf over 50mm) <sup>2</sup></b>	ASTM D2047	1.0 G
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<b>Microbiological Analysis <sup>1</sup></b>	ASTM G21-96	No growth 1-14 days
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<b>Temperature Resistance <sup>1</sup></b>		- 40°C to 115° C
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<sup>1</sup> testing of pad only <sup>2</sup> testing of system.  
System= 2" turf, 70% sand/30% rubber (at depth of 40mm) with REGUPOL Abzorb shock pad

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