

# REGUPOL Abzorb Product Specifications

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

		12MM
<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	91.44%
	at 50% strain	88.21%
	at 75% strain	92.50%
<b>Critical Fall Height <sup>2</sup></b>	ASTM F3146-18	1.23m
<b>Density <sup>1</sup></b>	ASTM D3676	34 lbs./cu.ft.
<b>Lateral Transmissivity (0.5% slope) <sup>1</sup></b>	ASTM D4716	0.69 gal/hr/ft
<b>355A "Flat" Gmax <sup>2</sup></b>	ASTM F355A	< 104
<b>355A "Flat" HIC <sup>2</sup></b>	ASTM F355A	286
<b>Force Reduction <sup>2</sup></b>	AAA	65%
<b>Vertical Deformation <sup>2</sup></b>	AAA	9.6mm
<b>Energy Restitution <sup>2</sup></b>	AAA	40%
<b>Rotational Resistance <sup>2</sup></b>	EN15301	37N
<b>Ball Rebound <sup>2</sup></b>	EN 12235	0.92m
<b>Tensile Strength <sup>1</sup></b>	ASTM D412	> 50 psi
<b>Tensile Elongation at Break <sup>1</sup></b>	ASTM D412	> 55%
<b>Compression Set B <sup>1</sup></b>	ASTM D395	< 18%
<b>Coefficient of Friction (Movement of artificial turf over 50mm) <sup>2</sup></b>	ASTM D2047	1.0 G
<b>Microbiological Analysis <sup>1</sup></b>	ASTM G21-96	No growth 1-14 days
<b>Temperature Resistance <sup>1</sup></b>		- 40°C to 115° C

<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

## REGUPOL America LLC

11 Ritter Way | Lebanon, PA 17042

phone +1 800 537 8737 | info@regupol.com

regupol.us

©2020 REGUPOL America LLC

