

TURF CUSHION™ with Eco Raw® is a Synthetic Turf Underlay that provides industry leading performance when used as part of an overall playground installation system. TURF CUSHION™ is a sustainable and renewable product that can be 100% reclaimed at the end of its service life. Typical values are as follows:

PHYSICAL PROPERTIES	TEST METHOD	PTS-KSF 003 (2 in)	PTS-KSF 016 (1.5 in)	PTS-KSF 100 (1 in)	PTS-KSF 050 (0.5 in)
Density	ASTM 3575-08	1.5 lb/ft ³	1.5 lb/ft ³	1.5 lb/ft ³	1.5 lb/ft ³
Size	ASTM 3575-08	4'X5'	4'X5'	4'X5'	4'X125' rolls
Thickness	ASTM 357 8-08	2"	1.5"	1"	.50" (1/2")
Compressive strength @ 25%	ASTM 3575-08	7 PSI	7 PSI	7 PSI	4.5 PSI
Compressive strength @ 50%	ASTM 3575-08	14 PSI	14 PSI	14 PSI	7.5 PSI
Compressive Set	ASTM 3575-08	< 20%	< 20%	< 20%	< 20%
Tensile Strength	ASTM 3575-08	23 PSI	23 PSI	23 PSI	23 PSI
Tear Resistance	ASTM 3575-08	7 lb/in	7 lb/in	6 lb/in	5.5lb/in
Cell Size	ASTM 3576-04	2.5MM	2.5MM	2.5MM	2.5MM
Water Absorption	ASTM 3575-08	< .3lb/ft ²	< .3lb/ft ²	< .3lb/ft ²	< .3lb/ft ²
Thermal Stability	ASTM 3575-08	<2%	<2%	<2%	<2%
GMAX	ASTM F 1292	Up to 10 ft	Up to 8 ft	Up to 7 ft	Up to 5 ft
HIC	ASTM F 1292	Up to 10 ft	Up to 8 ft	Up to 7 ft	Up to 5 ft

Note: GMAX and HIC values are dependent upon test conditions conducted in the lab. Values shown are as reported by Pro-Turf Lab using 2 to 4 lbs. infill per sq. ft. and 75 to 80 oz weight Synthetic Turf. The maximum criteria at specific drop height is 200 GMAX and 1,000 HIC.