

# TURF CUSHION™

Patent Pending

## TECHNICAL DATA SHEET

PTS-KSF 024 (2 in) • PTS-KSF 016 (1.5 in) • PTS-KSF 100 (1.0 in)

**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	RESULTS
Density	ASTM 3575-08	1.5 lb/ft <sup>3</sup>
Size	ASTM 3575-08	4'X5'
Thickness	ASTM 357 8-08	2" · 1.5" · 1.0"
Compressive strength @ 25%	ASTM 3575-08	7 PSI
Compressive strength @ 50%	ASTM 3575-08	14 PSI
Compressive Set	ASTM 3575-08	< 20%
Tensile Strength	ASTM 3575-08	23 PSI
Tear Resistance	ASTM 3575-08	7 lb/in · 6 lb/in
Cell Size	ASTM 3576-04	2.5MM
Water Absorption	ASTM 3575-08	< .3lb/ft <sup>2</sup>
Thermal Stability	ASTM 3575-08	<2%
GMAX	ASTM F 1292	Up to 12 ft · Up to 9 ft · Up to 7 ft
HIC	ASTM F 1292	Up to 12 ft · Up to 9 ft · Up to 7 ft

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

