



matting / athletics / flooring

## STARFIELD™ TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

Starfield™ is a high-performance vulcanized rubber flooring system, engineered to support weightlifting and training activities within high-traffic environments. This dual-layer rubber flooring guarantees resistance against cuts and dents, dissipates shock and stress, and provides energy return to its users. Starfield™'s non-porous, anti-microbial surface helps eliminate odors and hygiene concerns. Starfield™ is FloorScore® certified and qualifies for LEED credits.

### TECHNICAL SPECIFICATIONS

Hardness Shore A	ASTM D2240	80 ±5
Compression Set	ASTM D395	0.0993
Co-efficient of Friction	ASTM D2047	> 0.8 Dry
Static Coefficient of Friction	ASTM C-1028	> 1.0 Wet / Dry
Tensile Strength	ASTM D412	Top 1000 psi / Bottom 350 psi
Elongation at Break	ASTM D412	Top 300% / Bottom 200%
Tear Strength	ASTM D624	>25kN/m
Static Load Limit	ASTM F970-00	Passes
Moisture Absorption	ASTM D570	0.0037
Critical Radiant Flux	ASTM E648-03, NFPA253	Class I > .45 watts / cm2
Resistance to Heat	ASTM F-1514	Passes
Optical Density of Smoke	ASTM E662	Class 1 < 450
Resistance to Chemicals	ASTM F-925	Good
Wear Layer Thickness	ASTM F-410	Passes
Abrasion Resistance	ASTM D-3389	Passes
Dimensional Stability	ASTM F-2199	Passes
VOC Compliance	CA 01350	Yes
Thickness	ASTM F-3868	Passes
Size	ASTM F-2055	Passes
Squareness	ASTM F-2055	Passes
Quality of Cut	ASTM F-511	Passes
Color Stability	-	Good
Light Reflection	-	Average
Contributes to LEED Points	-	Yes
Anti-microbial /Anti-fungal Properties	-	Yes

Dual-layer Vulcanized Rubber  
 Top Wear Layer: Colored Virgin Rubber  
 Base Layer: 55% Recycled Rubber

	<b>Thickness</b>	<b>Dimensions</b>	<b>Weight</b>	<b>Area</b>
<b>ROLLS</b>	1/8" (3.5mm)	4' x 50' (±1.22m x 15.24m)	0.90 lbs./sq.ft. (0.4kg)	200 sq.ft. (18.59 sq.m)
	1/4" (6mm)		1.8 lbs./sq.ft. (0.8kg)	
	5/16" (8mm)	4' x 30' (±1.22m x 9.15m)	2.4 lbs./sq.ft. (1.1kg)	120 sq.ft. (11.16 sq.m)
	3/8" (10mm)		3.2 lbs./sq.ft. (1.5kg)	
<b>TILES</b>	1/8" (3.5mm)	39.25" x 39.25" (1m x 1m)	16 lbs./tile (7.3kg)	10.75 sq.ft. (1 sq.m)
	1/4" (6mm)		23 lbs./tile (10.4kg)	
	5/16" (8mm)		30 lbs./tile (13.6kg)	
	3/8" (10mm)		38 lbs./tile (17.2kg)	
	3/8" (10mm) Interlock	37.7" x 37.7" (0.96m x 0.96m)	31 lbs./tile (14.1kg)	9.87 sq.ft. (0.92 sq.m)