

**BOLD PERFORMANCE**  
**UNLEASHED EarthFlex**

Updated on February 17, 2011

<b>Product Description</b>			
Materials	Recycled fine SBR rubber fibers and virgin colored rubber (EPDM) polyurethane bonded		
Attributes	<i>Single-layer</i> non-laminated surface with superior durability, long-lasting color stability, and aesthetic appeal. No wear layer but single-ply layer provides cushioning for a comfortable walking surface. Surface provides slip and stain resistance and requires minimal maintenance needs.		
<b>Applications</b>			
Fitness centers, ice rinks and perimeters, off-ice area exposed to ice skate traffic, weight rooms, cardio areas, locker rooms, lobbies, corridors, cafeterias, shops, game rooms, and restrooms 8mm and 9mm are recommended for most weight rooms			
<b>Physical Characteristics</b>			
Surface	Seamless, grippy texture; Please refer to EarthFlex's web page for color options		
Thickness	Interlock: 8mm Rolls and Tiles: 6mm, 8mm, and 9mm		
Weight per Area	1.25 lb/ft <sup>2</sup> (6.1 kg/m <sup>2</sup> ), 1.72 lb/ft <sup>2</sup> (8.39 kg/m <sup>2</sup> ), and 1.95 lb/ft <sup>2</sup> (9.6 kg/m <sup>2</sup> ), respectively		
Interlock Size	2' x 2' (0.61 m x 0.61 m)		
Tile Size	All 3' x 3' (0.91 m x 0.91 m)		
Roll Width	All 4' (1.22 m)		
Roll Length	Customer specifies roll length		
<b>Installation</b>			
Adhesive	PLAE EcoFuse		
Subfloor Preparation	Please refer to EarthFlex's Installation web page		
Instructions	Please refer to EarthFlex's Installation web page		
<b>Maintenance</b>			
Please refer to EarthFlex's Maintenance web page			
<b>Warranty</b>			
PLAE USA warrants that EarthFlex, when installed using PLAE's recommended procedures and adhesives, shall be free from manufacturing defects under normal use for a period of <b>5 years</b> from the date of its original installation. <i>Please refer to EarthFlex's Warranty for full details.</i>			
<b>Environmental Characteristics</b>			
V.O.C. Compliance	Yes, meets requirements of VOC limits established by SCAQMD		
L.E.E.D.® Credit	MR: 2.1, 2.2, 4.1, 4.2, 5.1, 5.2; IEQ: 4.1, 4.3		
<b>Technical Characteristics</b>			
	<b>Standards</b>	<b>Average Test Results</b>	<b>Units</b>
<i>Performance Criteria</i>			
Hardness	ASTM D2240	60 ± 5	Shore A
Force Reduction	ASTM F2569, EN14808	Class 1 10 - 21	- %
Ball Rebound	EN 12235	Pass	-
Impact Insulation Class	ASTM E492	> 45	-
Flexibility (1/4" Mandrel)	ASTM F137	Pass	-
Ambient Noise Reduction	ASTM C423	0.10	Sabin/ft <sup>2</sup>
Sound Transmission Coefficient	ASTM E413	> 45	-
<i>Durability Criteria</i>			
Static Load Limit (1000 lb/in <sup>2</sup> )	ASTM F970	< 0.020	Inches
Tensile Strength	ASTM D412	> 200	psi
Ultimate Elongation	ASTM D412	> 145	%
Tear Resistance	ASTM D624	> 70	lb/in
Chemical Resistance	ASTM F925	No Surface Attack	-
<i>Safety Criteria</i>			
Critical Radiant Flux (Only EarthFlex TRU colors)	ASTM E648; NFPA 101	> 0.45 Class I	W/cm <sup>2</sup> -
Coefficient of Friction	ASTM D2047	> 0.9	-
Thermal Conductivity	ASTM C518	0.406	BTU-in/hr-ft <sup>2</sup> -°F

These specifications may not be construed as a contractual obligation.