



## Product Spec Sheet | **Earthflex**

### DESCRIPTION

**Materials:** Recycled fine SBR rubber fibers and virgin colored rubber (EPDM) polyurethane bonded

**Attributes:** Single-layer 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. Solid-grip surface provides slip/stain resistance and requires minimal maintenance.

### APPLICATIONS

Fitness centers, ice rink perimeters and other off-ice areas exposed to 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.

### WARRANTY

PLAE 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 **5 years** from the date of its original installation. Please refer to Earthflex's warranty for full details.

### TECHNICAL CHARACTERISTICS

#### PERFORMANCE CRITERIA

Hardness  
Force Reduction  
  
Ball Rebound  
Impact Installation Class  
Flexibility (0.25" Mandrel)  
Ambient Noise Reduction  
Sound Transmission Coefficient

#### DURABILITY CRITERIA

Static Load Limit (1,000lbs/in<sup>2</sup>)  
Tensile Strength  
Ultimate Elongation  
Tear Resistance  
Chemical Resistance

#### SAFETY CRITERIA

Critical Radiant Flux  
(Only Earthflex TRU colors)  
Coefficient of Friction  
Thermal Conductivity

### PHYSICAL CHARACTERISTICS

#### SURFACE:

Seamless, solid-grip texture; please see website for color options

#### THICKNESS:

Tile: 8mm  
Interlocking Tile: 8mm  
Rolls: 6mm, 8mm, and 9mm

#### WEIGHT PER AREA:

1.25lbs/sq. foot, 1.72lbs/sq. foot, and 1.95lbs/sq. foot

#### TILE SIZE:

3' x 3'

#### INTERLOCKING TILE SIZE:

24" x 24" (colors 001, 100, 101), 23" x 23" (all colors)

#### ROLL WIDTH:

All 4'

#### ROLL LENGTH:

25' and 50'

### ENVIRONMENTAL CHARACTERISTICS

#### LEED Credit:

MR: 2.1, 2.2, 4.1, 4.2, 5.1, 5.2; IEQ: 4.1, 4.3

#### STANDARDS

ASTM D2240  
ASTM F2569,  
EN 14808  
EN 12235  
ASTM E492  
ASTM F137  
ASTM C423  
ASTM E413

ASTM F970  
ASTM D412  
ASTM D412  
ASTM D624  
ASTM F925

ASTM E648,  
NFPA 101  
ASTM D2047  
ASTM C518

#### AVG. TEST RESULTS

60 ± 5 Shore A  
Class 1  
10-21%  
Pass  
> 45  
Pass  
0.1 Sabin/sq. foot  
> 45

< 0.02"  
> 200 psi  
> 145%  
> 170lbs/in  
No Surface Attack

> 0.45 W/cm<sup>2</sup>  
Class I  
> 0.9  
0.406 BTU-in/hr-sq. foot - °F