



## Spec | Earthflex

### DESCRIPTION

**MATERIALS:** Fine Recycled SBR rubber fibers and virgin colored rubber (EPDM) with polyurethane binder.

**ATTRIBUTES:** Single-layer surface with superior durability, long-lasting color stability, and aesthetic appeal. Solid-grip surface provides slip/stain resistance and requires minimal maintenance while providing a dynamic training surface.

### APPLICATIONS

Fitness centers, weight rooms, cardio areas, locker rooms, lobbies, corridors, cafeterias, shops, game rooms, ice rinks, and restrooms.

### 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.

### PHYSICAL CHARACTERISTICS

**SURFACE:** Seamless, solid-grip texture; please see website for color options.

**THICKNESS:** Tile: 8mm  
Interlocking Tile: 8mm  
Rolls: 8mm (all colors)  
6mm (001,100,101)  
9mm (001,100,101,103)

**WEIGHT PER AREA:** 1.25 lbs/sq. foot, 1.72 lbs/sq. foot, and 1.95 lbs/sq. foot

**INTERLOCKING TILE SIZE:** 23in x 23in (001,100,101)

**ROLL WIDTH:** All 4'

**ROLL LENGTH:** 25' and 50'

### TECHNICAL CHARACTERISTICS

#### PERFORMANCE

Hardness  
Force Reduction

Ball Rebound  
Impact Installation Class  
Flexibility (0.25in Mandrel)  
Ambient Noise Reduction  
Sound Transmission Coefficient  
Static Load Limit (1,000lbs/sq. in)  
Tensile Strength  
Ultimate Elongation  
Tear Resistance  
Chemical Resistance

#### 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

#### AVG. TEST RESULTS

60 ± 5 Shore A  
Class 1  
10 - 21 percent  
Pass  
> 45  
Pass  
0.1 Sab in/sq. foot  
> 45  
< 0.02in  
> 200 psi  
> 145 percent  
> 170 lbs./in  
No Surface Attack

#### SAFETY CRITERIA

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

ASTM E648  
NFPA 101  
ASTM D2047  
ASTM C518

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