



Product Spec Sheet | **Crossgrind**

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.

WARRANTY

PLAE warrants that Crossgrind, 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 Crossgrind'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/in²)
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
THICKNESS: 12mm
WEIGHT PER AREA: 2.7lbs/sq. foot
ROLL WIDTH: 4'
ROLL LENGTH: 30'

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/cm²
Class I
> 0.9
0.406 BTU-in/hr-sq. foot - °F