



Spec | Achieve

DESCRIPTION

MATERIALS: Recycled SBR rubber and EPDM rubber granules bound by polyurethane

ATTRIBUTES: Factory-fused, dual-layer rolls and tiles provide resistance to sagging and indentation by direct, blunt impact. Entire system delivers maximum durability and simple maintenance. Platforms include three pieces of non-beveled Achieve tiles (one inlay and two bumper drop zones) and lie flush with surrounding Achieve.

APPLICATIONS

Achieve’s performance characteristics are highlighted in weight room applications. Other uses include athletic and military training facilities, fitness centers, locker rooms, indoor tracks, etc.

WARRANTY

PLAE warrants that Achieve, when installed using its recommended procedures and adhesives, shall be free of manufacturing defects under normal use for a period of 15 years from the date of its original installation. Please refer to Achieve’s warranty for full details.

PHYSICAL CHARACTERISTICS

SURFACE: Smooth, seamless, solid-grip; please refer to webpage for color options.

THICKNESS: 8mm, 13mm, 18mm
Wear Layer: 3mm
Underlayment: 5mm, 10mm, 15mm

WEIGHT PER AREA: 1.5, 2.7, 4.1 lbs/sq. foot

ROLL WIDTH: 4’

ROLL LENGTH: 3mm = 50’
8mm = 50’
13mm = 35’
18mm = 25’

PLATFORM THICKNESS: Wood: 0.75in
Rubber: 0.75in, 0.5in

PLATFORM SIZE: 4’ x 6’

BUMPER SIZE: 2’ x 6’

TECHNICAL CHARACTERISTICS

PERFORMANCE	STANDARDS	18mm	13mm	8mm
Tensile Strength	ASTM D412	188 lbs/sq in	158.5 lbs/sq inch	135 lbs/sq inch
Flexibility	ASTM F137	Pass	Pass	Pass
Thermal Conductivity	ASTM C518	1.0850 Btu in./h ft2 F	0.9809 Btu in./h ft2 F	0.4 Btu in./h ft2 F
Coefficient of Friction	ASTM D2047			
Neolite		Dry = 1.11/ Wet = 0.96	Dry = 1.11 /Wet = 0.96	Dry = 1.11/ Wet = 0.96
Leather		Dry = 1.05 /Wet = 0.89	Dry = 1.05 /Wet = 0.89	Dry = 1.05 /Wet = 0.89
Resistance to Light	ASTM F1515	Pass	Pass	Pass
Resistance to Chemicals (24 hrs and 5 min)	ASTM F925	Good	Good	Good
Taber Abrasion	ASTM F4060	Good	Good	Good
Resistance to Heat	ASTM F1514	Pass	Pass	Pass
Pill Flammability	ASTM D2859	Pass	Pass	Pass
Skid Resistance	ASTM E303	Dry = 99 / Wet = 99	Dry = 99 / Wet = 99	Dry = 99 / Wet = 99
Vertical Rebound	ASTM F2117	95%	99%	99.7%
Deformation	ASTM F2157	0.9mm	1.0mm	2.0mm
Force Reduction	ASTM F2569	33.1%	30.7%	12.6%
Weight Per Unit Area	ASTM D3776		337.0 oz/sq yard	
Acoustical Performance				
STC	ASTM E90	52	53	53
IIC	ASTM E492	52	55	54
ΔIIC	ASTM E2179	25	25	24