

Mats Inc. Technical Data for Spectation Sport Tile

Product Description

Material	Dual durometer vulcanized rubber
Tile size	Square cut - approx. 39.37" x 39.37"

Technical Specifications

	Test	Requirement	Spectation
Physical Properties			
Wear layer thickness		In millimeters	2.5 mm
Overall thickness		In inches	3/8"
Weight		In lbs/sq. ft.	Square cut - 2.5 lbs/sq. ft.
Safety			
Critical radiant flux	ASTM E648	Class 1: > 0.44 w/cm ²	Class 1
Optical Density of Smoke	ASTM E662	Pass: < 450	Pass
Performance			
Tensile strength	ASTM D412	In psi	868 psi
Tensile elongation	ASTM D412	%	347%
Hardness	ASTM D2240	Shore A durometer	81
Compression set	ASTM D395	%	48.20%
Tear resistance	ASTM D624	lbs/in	161
Moisture absorption	ASTM D570	%	0.13%
Chemical resistance	DIN EN 423	Good	Good
Sound absorption	ISO 140/8	dB	17dB
Thermal conductivity	DIN 56512	W/mK	.23 W/mk
LEED			
MR Credit 4	LEED-NC v.3	For 1 point each: \$ value of <u>all</u> materials = min. average 10% and 20% recycled content	35% recycled (pre-consumer)
MR Credit 6	LEED-NC v.3	For 1 point: \$ value of all materials = harvested within a 10 year cycle or shorter	Spectation is made of 20% natural rubber, a rapidly renewable material.