

Mats Inc. Technical Data for Activation Sport Tile

Product Description

Material	100% recycled SBR, with either recycled SBR or EPDM top wear layer.
Tile sizes	1" x 24" x 24"
Accessories	Reducer: 4" wide x 48" long; ADA Reducer: 12" wide x 48" long; Dowels: to interlock tiles

Technical Specifications

	Test	Requirement	Activation Sport Tile
Physical Properties			
Overall thickness	EN 428	In inches	1"
Overall weight	EN 430	In pounds per square foot	4.5 lbs/sqft (18 lbs/tile)
Safety			
Critical radiant flux	ASTM E648	Class 2: 0.22 – 0.44 w/cm ²	Class 2
Slip resistance	ASTM D2047	Static coefficient of friction: OSHA min. 0.5; ADA (guideline) min. 0.6	> 0.90
Performance			
Impact sound transmission	ASTM E492	Less than 45 = footfall noise clearly audible Greater than 60 = footfall noise barely audible	FIIC 50
Hardness	ASTM D2240	Shore A	65
Tear strength	ASTM D624		70
Elongation	ASTM D412		> 150%
Tensile strength	ASTM D412		> 200 psi
Chemical resistance	ASTM D925		No change
Density	ASTM D3676	Top layer	65 – 80 (depends on surface color)
LEED			
MR Credit 4	LEED-NC v. 3	For 1 – 2 points: \$ value of <u>all</u> materials = min. average 10% recycled content	100% Black: 91% post-consumer; 10% color: 82% post-consumer, 1% pre-consumer; 35% color: 57% post-consumer, 6% pre-consumer; 95% color: 5% post-consumer; 15% pre-consumer
MR Credit 5	LEED-NC v. 3	For 1 – 2 points: The material must be manufactured within 500 miles of the project location	