

# Mats Inc. Technical Data for Panorama Tile

## Product Description

<b>General</b>	Material is a non-vulcanized, non-laminated tile product with homogeneous color, composed of post-consumer recycled SBR combined with low odor EPDM rubber granules, bound with a proprietary slow-cured MDI water-based polymer.
<b>Tile sizes</b>	Square: 38" x 38"; Interlocking: 37" x 37"

## Technical Specifications

	Test	Requirement	Up to 50% color	Over 50% color
<b>Physical Properties</b>				
Overall thickness	EN 428	In inches (in.)	<b>Square:</b> 4mm (5/32"), 5mm (7/32"), 6mm (1/4"), 7mm (9/32"), 8mm (5/16"), 9mm (11/32"), 10mm (3/8"), 12mm (1/2"); <b>Interlocking:</b> 8mm (5/16"), 9mm (11/32"), 10mm (3/8"), 12mm (1/2")	
Weight	EN 430	In lbs/sq.ft.	varies by thickness	
Slip resistance	ASTM D2047	Static coefficient of friction: OSHA min. 0.5; ADA (guideline) min. 0.6	Wet: 1.05; dry: 1.04	Wet: 1.01; dry: 0.85
Critical radiant flux	ASTM E648	Class II: 0.22 - 0.44 w/cm <sup>2</sup>	Class II	Class I*
<b>Durability</b>				
Hardness	ASTM 2240	Shore A	64 - 65	59 - 62
Compression set	ASTM D395	Method B	96.3% recovered	95% recovered
Static load limit	ASTM F970	Residual compression	0.0"	0.042"
Tensile strength	ASTM D412	In pounds per square inch (psi)	290 psi	186 – 292.2 psi
Taber abrasion	ASTM C501	Weight loss	0.8%	4%
Material emissions	CA 01350	Pass = FloorScore™ certified	Pass	Pass
Short term indentation	ASTM F1914	< 8%	6%	Pending
Residual indentation	ASTM F1914	< 8%	1.7%	Pending
Electrical resistance	ASTM F150	Surface to ground	4.6 x 10 <sup>10</sup> ohms	3.9 x 10 <sup>11</sup> ohms
Chemical resistance	ASTM F925	Best = no change	No change	No change
Phillips roll chair test		Best = no change	No change	Pending
Density	ASTM D3676	Pounds per cubic feet	66 lbs/ft <sup>3</sup>	78 lbs/ft <sup>3</sup>
Impact sound class	ASTM E492	In decibels	4mm: IIC 57; 8mm: IIC 59	
Mold growth	ASTM G21	Best = no growth	No mildew after 14 days	No mildew after 28 days
<b>LEED</b>				
IEQ Credit 4.1	LEED-NC v. 3	For 1 point: low-emitting adhesive with a VOC < 70 g/L	Urethane-Bond VOC: 45 g/L	
IEQ Credit 4.3	LEED-NC v. 3	For 1 point: low-emitting flooring per GreenLabelPlus or FloorScore™	FloorScore™ certified	
MR Credit 2	LEED-NC v.3	For 1 – 2 points: value (by weight or volume) of recycled or salvaged material = min. of 50% of all construction waste	Panorama is manufactured from material that can be diverted from disposal and reused.	
MR Credit 4	LEED-NC v. 3	For 1 – 2 points: \$ value of all	varies by color and EPDM intensity	

		materials = min. average 10% recycled content	Post-consumer recycled content range: 0% - 58.4% Pre-consumer recycled content range: 6.1% - 18.1%
MR Credit 5	LEED-NC v. 3	For 1 – 2 points: The material must be manufactured within 500 miles of the project location.	

\*New York test procedure