

Mats Inc. Technical Data for Decathlon Design

Product Description

General	Black recycled rubber made with pre-consumer and post-consumer recycled content with EPDM colored granules
Roll sizes	185 – 580 lnft (varies by thickness)
Minimum Order	50 lnft
Colors	353 Chili Pepper, 354 Toasted Almond, 352 Caterpillar, 351 Atlantis, 350 Lunar Light, 703 Blue Hawaiian*, 708 Juicy Fruit*, 706 Chocolate Chip*, 701 Granite*

Technical Specifications

	Test	Requirement	Decathlon Design
Physical Properties			
Overall thickness	EN 428	In millimeters	9mm (701, 703, 706 and 708 also available in 4, 6, 8 and 12mm)
Weight	EN 430	In pounds per square foot	Varies by thickness
Slip resistance	ASTM C1028		0.86 (701, 703, 706, 708)
Slip resistance	ASTM D2047	Static coefficient of friction: OSHA min. 0.5; ADA (guideline) min. 0.6	0.9 (350, 351, 352, 353, 354)
Density	ASTM F3676	In pounds per cubic foot	60 lbs/ft ³
Durability			
Hardness	ASTM 2240	Shore A	60
Tensile strength	ASTM D412	in pounds per square inch (psi)	> 220 psi
Elongation	ASTM D412	%	> 145%
Tear resistance	ASTM D624	In pounds per inch	80 lbs/inch
Flexibility	ASTM F137	¼" mandrel	Pass
Chemical Resistance	ASTM F925		No change
LEED			
IEQ Credit 4.1	LEED-NC v.3	For 1 point: low-emitting adhesive with a VOC of 70 g/L or less for multipurpose adhesive	Urethane-Bond VOC: 45 g/L
MR Credit 4	LEED-NC v.3	For 1 – 2 points: \$ value of <u>all</u> materials = min. average 10% and 20% recycled content	350, 351, 352, 353, 354: 9% pre-consumer, 56% post-consumer; 701, 703, 706, 708: 20.3% pre-consumer, 36.6% post-consumer
MR Credit 5	LEED-NC v.3	For 1 – 2 points: The material must be manufactured within 500 miles of the project location.	