

# Rubber Tile I & II

## TECHNICAL SPECIFICATIONS

### Product Information

Composition	Construction	Mat Size	Sq. ft. per Mat	Edge Finish	Available Thickness	Manufactured
Recycled Rubber	Mats manufactured in block form	38" x 38"	10.02	Square	4mm, 5mm, 6mm (Square only)	North America
Synthetic Rubber		37" x 37"	9.5	Interlocking	7mm, 8mm, 9mm, 10mm (Both edge finishes)	
Polyurethane Binder					Custom thicknesses available	

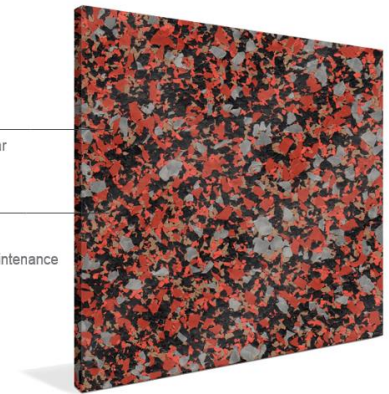
### Installation

Edge Finish	Installation Type	Layout
Square	DinoGrip adhesive	Ashlar/Brick pattern
Interlocking	Loose lay	Ashlar/Brick pattern

### Product

Homogeneous, no color wear

High Density, Low Porosity  
Durable product, ease of maintenance



### Maintenance

Cleaner	Cleaning	Cleaning Method
DinoClean	Vacuum or sweep	Microfiber mop Auto Scrubber

### Sustainability

Certification Attribute	Standard	3rd party Certification/Certifier
Low-Emitting Material	CDPH/EHLB v1.2-2017 (California Section 01350)	#SCS-FS-08638
LEED Scorecard	MR2.2, MR4, MR5, EQ4.1, EQ4.3, ID1.1	
Environmental Product Declaration (EPD)	ISO 14025:2006 and ISO 21930:2007	SCS-EPD-08915

Performance	Standard	Requirement	Performance vs. Requirements
TVOC Range	CDPH/EHLB v1.2-2017 (California Section 01350)	<0.5 mg/m <sup>3</sup>	Pass
Low Emitting Adhesives	SCAQMD Rule #1168	Less than 50 g/L	Pass, 37 g/L
Recycled Content	Evo 50: 56.57% Post-Consumer, 3.31% Post-Industrial, 59.87% Total Recycled Content Evo 60: 41.91% Post-Consumer, 4.72% Post-Industrial, 46.63% Total Recycled Content Evo 70: 19.67% Post-Consumer, 7.0% Post-Industrial, 26.67% Total Recycled Content Evo 80: 16.27% Post-Consumer, 7.35% Post-Industrial, 23.62% Total Recycled Content Evo 90: 13.43% Post-Consumer, 7.65% Post-Industrial, 21.07% Total Recycled Content		

### Testing

Description	Test Method	Over 50% Color
Accelerated Floor Trafficking		None
Sound Absorption / Noise Reduction Coefficient	ASTM C423	SAA - 0.06 NRC - 0.05
Taber Abrasion	ASTM C501	Weight Loss 2.85 grams (4.0%)
Compression Set Under Force	ASTM D395B	94.7% Recovered; 5.3% Unrecovered
Breaking Load / Elongation / Tenacity	ASTM D412	Breaking Load: 73.7lbs - 119.5 lbs Elongation: 69.9% - 117.6% Tenacity: 186.1 lbs/square inch - 292.2 lbs/square inch
Static Coefficient of Friction	ASTM D2047	Dry 0.85; Wet 1.01
Hardness Shore A Durometer	ASTM D2240	59 - 62
Density Foam Test	ASTM D3676	78.3 lbs/cu. ft.
Impact Sound Transmission (with Plenum)	ASTM E492	4mm IIC 56; 8mm IIC 59
Critical Radiant Flux	ASTM E648	CRF 0.23 watts/square cm (4mm 80% EPDM) CRF 0.22 watts/square cm (6mm 75% EPDM) CRF 0.37 watts/square cm (6mm High Color)
Critical Radiant Flux (15 min burn)	ASTM E648 (NY)	CRF 0.59 watts/square cm (4mm 70% EPDM) CRF 0.58 watts/square cm (4mm 80% EPDM)
Flexibility	ASTM F137	6mm Mandrel PASS
Electrical Resistance - Surface to Ground	ASTM F150	$1.9 \times 10^{11}$ Ohms (average)
Electrical Resistance - Surface to Surface	ASTM F150	$3.9 \times 10^{11}$ Ohms (average)
Chemical Resistance	ASTM F925	No Change
Chemical Resistance - Liquid Nitrogen (5 min & 24 hr)	ASTM F925	No Change
Static Load (1000 lbs)	ASTM F970	0.042 inch (10.6%) residual compression
Short Term and Residual Indentation (@ 140 lbs)	ASTM F1914	-0.030 Inch (9.0%) Residual Indentation
Mildew Resistance	ASTM G21	No Mildew After 28 Days

### Warranty

10 - year Limited Commercial Warranty when installed in accordance with Siena's Installation Guidelines.