

Technical Data Sheet

Sport Mat



Product Information

Composition	Construction	Mat Size	Sq. Ft. / 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

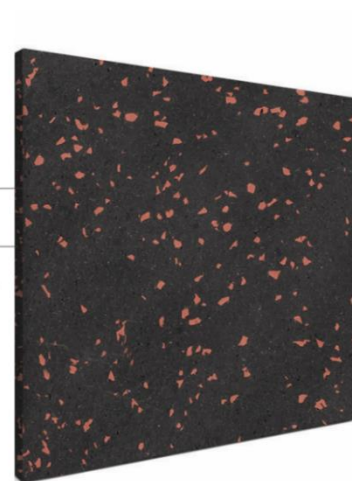
Maintenance

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

Product

Homogeneous, no color wear

High Density, Low Porosity
Durable product, ease of maintenance



Sustainability

Performance	Standard	Requirement	Performance vs. Requirements
TVOC Range	CDPH/EHLB v1.2-2017 (California Section 01350)	<0.5 mg/m ³	Pass
Low Emitting Adhesives	SCAQMD Rule #1168	Less than 50 g/L	Pass, 37 g/L
Recycled Content	Black: 89.14% Post-Consumer, 0.0% Post-Industrial, 89.14% Total Recycled Content Metro: 76.43% Post-Consumer, 1.31% Post-Industrial, 77.74% Total Recycled Content Standard 10%: 81.32% Post-Consumer, 0.81% Post-Industrial, 82.13% Total Recycled Content Standard 30%: 70.18% Post-Consumer, 1.94% Post-Industrial, 72.12% Total Recycled Content Standard 50%: 59.19% Post-Consumer, 3.09% Post-Industrial, 62.27% Total Recycled Content Granite Flex: 73.82% Post-Consumer, 1.56% Post-Industrial, 75.39% Total Recycled Content Decor: 70.16% Post-Consumer, 1.94% Post-Industrial, 72.10% Total Recycled Content Stone Line: 18.95% Post-Consumer, 7.09% Post-Industrial, 26.04% Total Recycled Content Elite Line: 5.04% Post-Consumer, 8.52% Post-Industrial, 13.55% Total Recycled Content		



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Sustainability Cont'd

Certification Attribute	Standard	3rd party Certification/Certifier
Low-Emitting Material	CDPH/EHLB v1.2-2017 (California Section 01350)	#SCS-FS-02144
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-03589

Testing

Description	Test Method	Up to 50% Color	Over 50% Color
Static Propensity	AATCC 134	Maximum Average Voltage = POS 1.6 KV	
Electrical Resistance Surface to Surface	ASTM F 150	50%RH = 1.9x10 ¹⁰ Ohms 12%RH = 4.5x10 ¹⁰ Ohms	
Electrical Resistance Surface to Ground	ASTM F 150	50%RH = 5.2x10 ⁹ Ohms 12%RH = 1.2x10 ¹⁰ Ohms	
NRC Sound Absorption	ASTM C423		SAA 0.06
Abrasion Resistance	ASTM C501	Weight Loss 0.71 grams - 0.8%	Weight Loss 2.85 grams - 4.0%
Static Coefficient	ASTM D2047	Dry 1.04; Wet 1.05	Dry 0.85; Wet 1.01
Hardness Shore A Durometer	ASTM D2240	65	62
Density	ASTM D3676	66.0 Lbs/Cubic Foot	77.7 Lbs/Cubic Foot
Compression Set	ASTM D395B	96.3% Recovered; 3.7% unrecovered	94.7% Recovered; 5.3% unrecovered
Tenacity	ASTM D412	290.2 Lbs/Square Inch	186.1 Lbs/Square Inch
VOC	ASTM D5116	Passes - FloorScore Certified	Passes - FloorScore Certified
Impact Sound Transmission	ASTM E492	4mm IIC 44 (on concrete) IIC 57 (on concrete with plenum) 8mm IIC 46 (on concrete) IIC 59 (on concrete with plenum)	
Critical Radiant Flux	ASTM E648	CRF 0.11 watts/square cm (10mm 10% EPDM interlock loose lay) CRF 0.12 watts/square cm (10mm 50% EPDM interlock loose lay)	CRF 0.19 watts/square cm (4mm 70% EPDM glue down) CRF 0.23 watts/square cm (4mm 80% EPDM glue down) CRF 0.25 watts/square cm (6mm 80% EPDM glue down) CRF 0.22 watts/square cm (10mm 80% EPDM glue down)
Critical Radiant Flux - With Fire Retardant	ASTM E648	CRF 0.37 watts/square cm (6mm - 80% Fire Retardant/20% SBR - glue down) CRF 0.51 watts/square cm (8mm - 80% Fire Retardant/20% SBR - glue down) CRF 0.35 watts/square cm (10mm - 80% Fire Retardant/20% SBR glue down) CRF 0.63 watts/square cm (4mm 30% EPDM with Fire Retardant) CRF 0.48 watts/square cm (8mm Black with Fire Retardant)	CRF 0.20 watts/square cm (8mm - 40% Fire Retardant/60% SBR glue down) CRF 0.37 watts/square cm (10mm - 40% Fire Retardant/60% SBR glue down)



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Critical Radiant Flux (15 min burn)	ASTM E648 (NY)	CRF 0.23 watts/square cm (10mm 10% EPDM interlock loose lay) CRF 0.44 watts/square cm (10mm 50% EPDM interlock loose lay)	CRF 0.59 watts/square cm (4mm 70% EPDM glue down) CRF 0.58 watts/square cm (4mm 80% EPDM glue down) CRF 0.84 watts/square cm (6mm 80% EPDM glue down) CRF 0.61 watts/square cm (10mm 80% EPDM glue down)
Critical Radiant Flux (15 min burn) - With Fire Retardant	ASTM E648 (NY)	CRF 0.84 watts/square cm (4mm Black with 30% EPDM with Fire Retardant)	
Smoke Density	ASTM E662	Flaming 748; Non-Flaming 618	Flaming 462; Non-Flaming 396
Flexibility	ASTM F137	Passes 6 mm Mandrel	
Electrical Resistance - Surface to Surface Electrical Resistance - Surface to Ground	ASTM F150	1.5x10 ¹¹ Ohms 4.6x10 ¹⁰ Ohms	3.9x10 ¹¹ Ohms 1.9x10 ¹¹ Ohms
Short Term and Residual Indentation (@ 140 lbs)	ASTM F1914	0.25 Inch (6.0%) Immediate Indentation 0.007 Inch (1.7%) Residual Indentation	-0.030 Inch (9.0%) Residual Indentation
Resistance to Chemicals	ASTM F925	No Change	
Resistance to Chemicals	ASTM F925	No Change to all with the exception of Slight Change to Kerosene	No Change
Static Load (24 Hr period)	ASTM F970	0.000 Inch (0.0%) Residual Compression @ 125 lbs	0.030 Inch (7.3%) Residual Compression @ 1,000 lbs
Surface Burning	CAN ULC 102.2	FSC1 110; SD 625 (30% EPDM)	
Surface Burning - With Fire Retardant	CAN ULC 102.2	FSV 130; SDV 566 - 6mm 50% EPDM with 50% Fire Retardant FSV 126; SDV 570 - 6mm 100% Fire Retardant FSV 55; SDV 331 - 6mm 25% EPDM	FSV 87; SDV >450 - 6mm 15% SBR; 70% EPDM FSV 50; SDV 270 - 6mm 75% EPDM
Burning Pill Test	CPSC FF 1-70	Passes	
Static Decay NFPA 99	FTM 101B/NFPA 99 Method 4046	Decay Time -5000 Volt Charge 0.25 seconds	Decay Time -5000 Volt Charge 11.50 seconds

Warranty

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

