



Armor-X[®]
by dinoflex

Technical Data Sheet

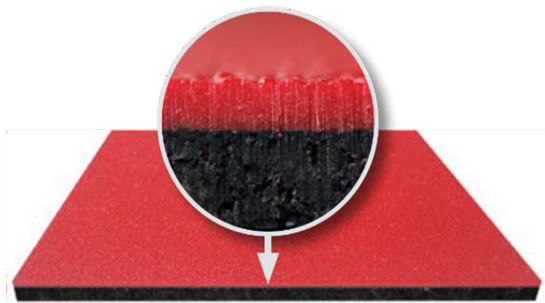


RECYCLED
RUBBER
FLOORING

Product Information

COMPOSITION	CONSTRUCTION	MAT SIZE	SQ. FT / MAT	EDGE FINISH	AVAILABLE THICKNESS	MANUFACTURED
Recycled Rubber	Backings are manufactured in block form	38" x 38"	10.02	Square	6mm, 8mm, 9mm, 10mm, 12mm (both square cut and interlocking)	North America
		37" x 37"	9.5	Interlocking		
Polyurethane Binder	2mm/3mm Wear layer					

Product



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

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
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	

Warranty

A 5-year limited commercial warranty is available when installed per Dinoflex's installation guidelines



Testing Results

DESCRIPTION	TEST METHOD	HIGH IMPACT BACKING	WALKSOFT BACKING
Anti-Fatigue Compression Deflection Comparison			20 lbs/square inch. Deflection: 0.036 inch 40 lbs/square inch. Deflection: 0.056 inch
Static Propensity	AATCC 134		Maximum Average Voltage = POS 0.7 KV
Compression Set @ 25%		-7.6%	
Breaking Load / Elongation / Tensile	ASTM D412	Breaking Load: 87.80 lbs	Breaking Load: 50.18 lbs
		Elongation: 138.65%	Elongation: 214.77%
		Tensile: 501.7 lbs/sq inch	Tensile: 354.6 lbs/sq in.
Static Coefficient of Friction	ASTM D2047	Dry: 0.97	Dry: 0.97
Density	ASTM D3676		53.8 lbs/ft ³
Abrasion Resistance	ASTM D4060	Weight Loss: 0.56 grams (0.86%)	Weight Loss: 0.56 grams (0.86%)
Sound Transmission	ASTM E492		IIC: 60
Critical Radiant Flux (with fire retardant)	ASTM E648	0.52 watts/square cm	
Flexibility	ASTM F137	Passes 6 mm Mandrel	Passes 15 mm Mandrel
Electrical Resistance (Surface to Ground)	ASTM F150		5.3 x 10 ⁹ Ohms (average)
Electrical Resistance (Surface to Surface)	ASTM F150		1.9 x 10 ¹⁰ Ohms (average)
Chemical Resistance (5 min)	ASTM F925		Slight Change to 5% Phenol
Chemical Resistance (24 hour)	ASTM F925		Slight Change to 5% Phenol
Static Load (@ 250 lbs)	ASTM F970	Residual Compression: 0.001 inch	Residual Compression: 0.002 inch
Short Term and Residual Indentation (@ 140 lbs)	ASTM F1914	-0.012 inch (3.74%)	-0.005 inch (1.87%)
Vertical Rebound	ASTM F2117		88%

Please Note: All measurements are subject to nominal variation.

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5-year limited warranty
when installed in accordance with
Dinoflex's Installation Guidelines.

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