

Armor-X[®]
by dinoflex

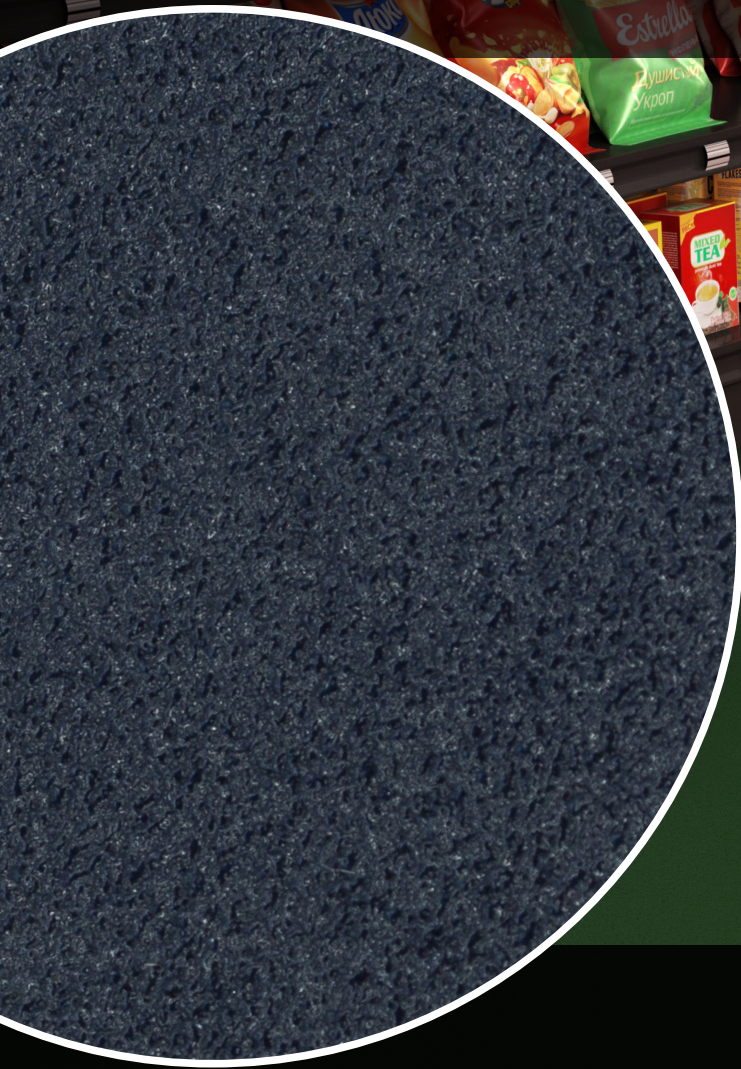
Need a Hero?

FITNESS ■ SPORT ■ COMMERCIAL ■ RETAIL ■ HOSPITALITY ■ EDUCATION



**RECYCLED
RUBBER
FLOORING**

Armor-X is the only flooring of its kind, featuring an invincible polyurethane wear layer fused to exceptionally durable Dinoflex backing options, tailored to different environments. For fitness facilities, the NEXT STEP® High Impact backing is recommended, providing maximum resilience, shock absorption, and durability to withstand heavy weights and high-intensity activity. For retail and commercial spaces, the NEXT STEP® WalkSoft backing is the ideal choice, offering enhanced underfoot comfort, superior sound absorption, and a more forgiving surface for employees and customers who spend long hours on their feet.



With striking color blends, exceptional durability, and a self-healing wear layer that eliminates indentations from pressure points and rolling loads, Armor-X is designed to perform in high-traffic areas. It cleans easily, reducing maintenance time and costs, while its array of solid colors ensures a lasting, stylish solution that will outlast the competition in any setting.

Features

- Extremely durable and rugged
- Non-porous wear layer
- Impervious to most liquids
- Impact absorbing
- Self-healing wear layer
- Low VOC, free from PVS & Halogens

Benefits

- Long lasting, high performance
- Reduces odor & hygiene concerns
- Reduce the incidence of staining from harsh chemicals or dyes
- Reduces soreness & fatigue in muscles & joints
- Indentations from pressure points simply disappear
- FloorScore® certified

Best For

Arenas

Commercial

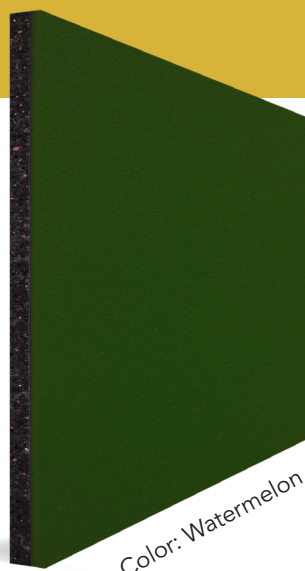
Fitness Centers

Recreations Centers

Retail

Ski Resorts

Weightlifting Areas



Color: Watermelon

Tolerance of +/- 0.5mm

Square Cut Glue Down

38" x 38" = 10.0ft²
(96.5cm x 96.5cm = 0.93m²)

STANDARD FORMULATION
(2mm top wear layer)
(Available in Square + Interlocking)

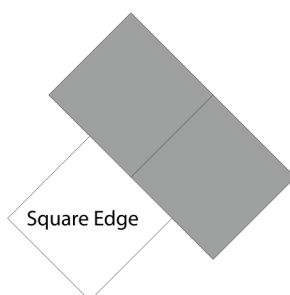
2mm + 4mm = 6mm (1/4"),
2mm + 6mm = 8mm (5/16"),
2mm + 8mm = 10mm (3/8"),
2mm + 10mm = 12mm (1/2")

Interlocking Loose Lay

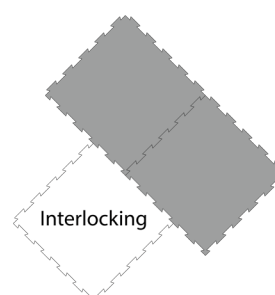
37" x 37" = 9.5ft²
(94cm x 94cm = 0.88m²)

SKATE FORMULATION
(3mm top wear layer)
(Available in Square)

3mm + 5mm = 8mm (5/16"),
3mm + 7mm = 10mm (3/8"),
3mm + 9mm = 12mm (1/2")

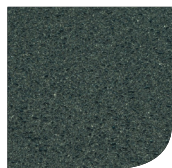


Square Edge



Interlocking

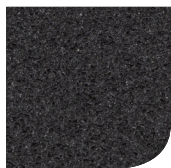
Color Swatches



AGAVE - AX33



BAOBAB - AX50



BLACKBERRY - AX11



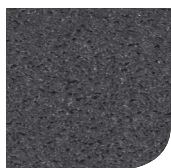
BLUEBERRY - AX14



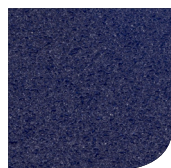
CANTALOUPE
- AX42



DRAGON FRUIT
- AX12



ELDERBERRY - AX13



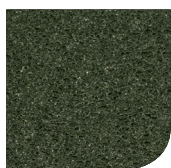
HUCKLEBERRY
- AX35



PASSION FRUIT -
AX52



PEAR - AX45



WATERMELON
- AX34

Contact your Sales Representative for more information.

Colors shown are reproduced as closely as possible to actual product. Contact Dinoflex for product sample.





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.

Date Issued: June 2025

