



Armor-X by dinoflex

Need a **Hero**?

FITNESS ■ SPORT ■ COMMERCIAL ■ RETAIL ■ HOSPITALITY ■ EDUCATION



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



Tolerance of +/- 0.5mm

Fitness Centers

Recreations Centers

Commercial

Ski Resorts

Weightlifting Areas

Retai

Square Cut Glue Down

 $38" \times 38" = 10.0 \text{ft}^2$ (96.5cm × 96.5cm = 0.93m²)

STANDARD FORMULATION (2mm or 3mm top wear layer) (Available in Square + Interlocking)

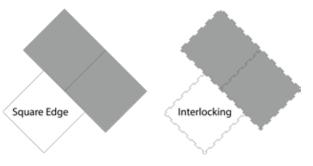
2mm + 4mm = 6mm (1/4"), 2mm+ 6mm = 8mm (5/16"), 3mm + 5mm = 8mm (5/16"), 2mm + 8mm = 10mm (3/8"), 3mm + 7mm = 10mm (3/8"), 2mm + 10mm = 12mm (1/2"), 3mm + 9mm = 12mm (1/2")

Interlocking Loose Lay

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

SKATE FORMULATION (2mm or 3mm top wear layer) (Available in Square + Interlocking)

2mm + 4mm = 6mm (1/4"), 2mm+ 6mm = 8mm (5/16"), 3mm + 5mm = 8mm (5/16"), 2mm + 8mm = 10mm (3/8"), 3mm + 7mm = 10mm (3/8"), 2mm + 10mm = 12mm (1/2"), 3mm + 9mm = 12mm (1/2")



Color Swatches

Standard Colors







BLUEBERRY - AX14



ELDERBERRY-AX13



TAMARIND - AX15

Specialty Colors



CANTALOUPE - AX24



DRAGON FRUIT - AX12



HUCKLEBERRY - AX21



PLUM - AX32



POMEGRANATE - AX19



WATERMELON - AX23

Contact your Sales Representative for more information.







Testing Results

DESCRIPTION	TEST METHOD	RESULT
Breaking Load / Elongation / Tensile	ASTM D412	Breaking Load: 87.80 lbs
		Elongation: 138.65%
		Tensile: 501.7 lbs/sq in.
Coefficient of Friction	ASTM D2047	0.97 Dry
Abrasion Resistance	ASTM D4060	Weight Loss = 0.56 Grams (0.86%)
Critical Radiant Flux	ASTM E648	CRF 0.07 watts/square cm
Critical Radiant Flux (with Fire Retardant)	ASTM E648	CRF 0.52 watts/square cm (with Fire Retardant)
Flexibility	ASTM F137	Passes 6 mm Mandrel
Static Load	ASTM F970	250 lbs: 0.001 Inch Residual Compression
Short Term and Residual Indentation	ASTM F1914	140 lbs: -0.012 in. (3.74%) Residual Indentation
Compression Set		25% Compression Set, -7.6%

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: April 2025