

ARMORDeck

ArmorDeck 1 – With aeration and drainage holes

ArmorDeck 2 – With solid top panel surface

ArmorDeck 3 – ArmorDeck with reinforced underside

Module Size	42" x 42" (1.067m x1.067m) usable surface area 45"x 45" (1.143m x 1.143m) outside dimension w/connection tabs exposed
Thickness	ARD1 and ARD2: 2" (5.08cm) ARD3: 2" (5.08cm) including reinforced bottom panel
Colors	Light Gray, Putty Gray, Translucent. Custom colors available.
Edging	Sloped transitional pieces with traction ribs 41.875" x 12" x 1.875" (1.063m x 30.48cm x 4.75cm) (at highest point) 12 lbs. (5.44kg) Secured using standard cam lock.
Warranty	3 year manufacturer's limited warranty, including cam locks
Ground Surface	ArmorDeck® is engineered for use over natural or synthetic turf, dirt, sand, gravel, asphalt, and other sensitive surfaces. It is ideal for ground protection and access.

CONNECTION SYSTEM:

Integrated self-aligning hook-and-loop connection system. Built-in cam-lock system can be used for a more secure connection when required.

Cam Locks

Rotating proprietary plastic cam locks for added strength.

Connection Loops

Four (4) built-in connector loops on each side and four (4) receiver pins on each side. Connection system is designed for easy installation, with reinforcing ribs behind connector loops for durability and strength.

PANEL CONSTRUCTION:

Durable panel construction including high grade materials, engineered structural support and high-quality manufacturing

Material

High-Density Polyethylene (HDPE) reinforced with additives for added strength, flex modulus, and izod impact value.

UV Package

A 5-year UV package is incorporated into the material formulation to prevent degradation and brittleness as a result of prolonged sun exposure.

Ribbed Construction

Bi-directional ribbing system includes four (4) full-height ribs in either direction and five (5) half-height ribs to provide strength while minimizing surface area contact. All ribbing incorporates radius edges to prevent sub-surface damage or cutting.

- Liquid Containment** Connected panels overlap to minimize liquid penetration. Incorporates a specialized containment channel under each overlapping area, designed to capture stray liquid that may seep from top surface.
- Reinforcing Panel** Optional module attaches to the underside of each panel to provide additional strength, rigidity and weight distribution and allow the system to support heavier weights. All ArmorDeck variants interconnect to allow for a seamless surface and customized installations.
- Aeration Holes** Specially designed for use over live grass to allow light, aeration, and water drainage. Each aeration hole incorporates a proprietary ridge that prevents casual spills from flowing through to the subsurface. This specialized aeration hole ridge also improves traction in wet conditions.

WEIGHT LOADING:

	Panel Weight	Weight Capability
ArmorDeck 1 or 2	31 lbs / 14.1 kg	25,000 lbs/ft ² (122,000 kg/m ²)*
ArmorDeck 3	41 lbs / 18.6kg	45,000 lbs/ft ² (220,000 kg/m ²)*

*static load on a solid and level subsurface

Fire rating: UL94 HB

