

DRAINAGE MAT

DESCRIPTION:

Duro-Last® Drainage Mat is a high-strength drainage panel consisting of a post-industrial recycled polypropylene drainage core of fused, entangled filaments and a geocomposite fabric bonded to each side.

Drainage Mat provides protection for Duro-Last Roofing Systems and adds a drainage layer for overburden such as green roofs or paver systems.



ADVANTAGES:

- Excellent Durability
- Protects roof membrane during and after backfill or placement of concrete pavers
- Second fabric may eliminate need for protection board
- Conforms to irregular surfaces and corners
- Waffle design creates open flow path – even during backfill
- Provides continuous flow even under high loads
- Long rolls reduce installation costs by reducing butt seams and eliminating interlocking
- Recycled content polymer contributes towards LEED points
- Increased flow rates over same thickness nylon and HPDE drains
- 3-inch fabric overlap flap on both sides

ORDERING:

Duro-Last Drainage Mat is ordered per individual 48 in. by 100 ft. roll and packaged on a 48-inch tube. Approximate coverage is 400 square feet per roll.

- 64.2-lb roll (Item #1533)

STORAGE AND HANDLING:

- Always store in a dry location protected from the elements.
- Store on end to avoid deforming rolls or creasing fabric.

INSTALLATION:

1. Unroll and cut to length needed. Allow to relax.
2. Install directly over Duro-Last Roofing membrane and abut panels together. Do not install more product than can be covered or held down by the end of the work day.

Physical Property	Test Method	Typical Value
Roll Dimensions	-	48" X 100'
Gross Roll Weight	-	64.2 lbs
Gross Coverage	-	400 ft ²
Thickness	-	0.50 in
Compressive Strength	ASTM D1621	>30,000 psf
Maximum In-Plane Flow Rate	ASTM D4716	20.2 gal/min/ft
Apparent Opening Size	ASTM D4751	70 US Sieve
Water Flow Rate	ASTM D4491	120 gal/min/ft ²
Grab Tensile	ASTM D4632	120 lbf
Grab Elongation	ASTM D4632	50%
Puncture Resistance	ASTM D4833	70 lbf