

Aspire Drain Mat

Description

The Aspire Drain Mat is used for rooftop applications to ensure good drainage under the Aspire Paver System Grid. It consists of woven polypropylene core sandwiched between non-woven filter fabrics.

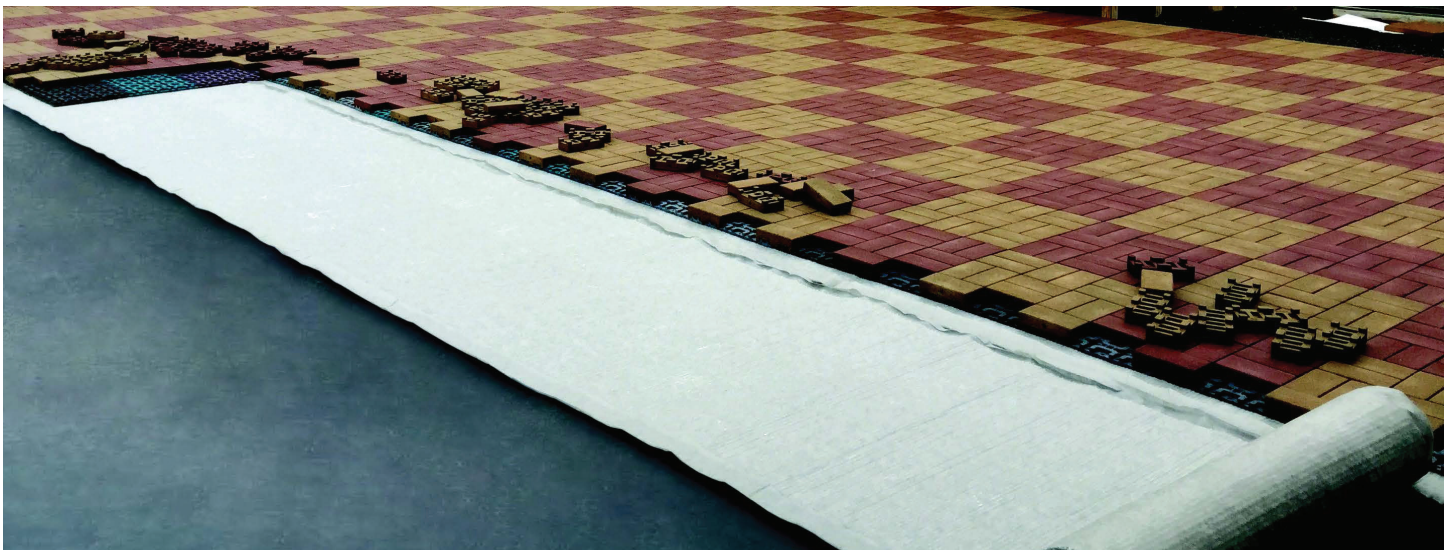
Benefits

- Facilitates excellent water flow under the Aspire Paver Grid.
- Provides added protection for the waterproofing membrane.



High performance drainage for Rooftops and Balconies

This lightweight, easy to install drain mat is the first step in the Aspire Paver solution for Rooftops. It comes in 200 square foot rolls and is quick and easy to install. The Drain Mat is loose laid over the existing roof membrane and can be cut to fit around drains and penetrations. There are 3" overlap flaps on top and bottom that are adhered to provide continuous water flow through the system in all directions... even under high loads.



Physical Properties

Property	English Units	Metric Units
Core Material	Polypropylene	Polypropylene
Thickness	0.25"	6.4 mm
Total Weight	32 lbs/roll	47 g/m ²
Core Weight	10.8 oz/yd ²	366.2 g/m ²

Fabric Properties

Property	Method	Units	ND80 Fabric (Soil Facing)	CD50 Fabric
Mass per unit area	ISO 9073-1	g/m ²	80.0	50.0
		oz/yd ²	2.36	1.48
Thickness	ISO 9073-2	mm	0.45	0.25
Breaking Strength, MD	ISO 9073-3	N/5cm	253.0	136.0
		lbs./2 in	57.8	31.1
Breaking Strength CMD	ISO 9073-3	N/5 cm	212.8	105.9
		lbs./2 in	48.6	24.2
Elongation to Break, MD		%	36.1	52.0
Elongation to Break, CMD	ISO 9073-3	%	40.3	57.2
Dtex per Filament		dpf	15	15
Typical Length		yd	1000	1800
		mm	914	1645
Typical Diameter		inches	27	29
		mm	686	737
Maximum Width		inches	205	205
		mm	5207	5207
Core Diameter		inches	4.72	4.72
		mm	120	120
Fabric Color			Gray	Gray

Flow Rates*

Pressure	1.0 Gradient
500 psf	10.55 gal/min/ft
1000 psf	9.71 gal/min/ft

Typical flow vs. pressure for vertical applications (ASTM D 4716) Sample Configuration Plate/Enkadrain/Plate

* Flow rate estimated based on similar testco core.

Polymer Properties

Polypropylene has excellent resistance to organic solvents, degreasing agents, acid, and alkalines. It has tensile strength superior to high density polyethylene. It has a low moisture absorption rate, is resistant to staining and is very lightweight.

Specifications are subject to change without notice. For more information, please call 844-290-4196.