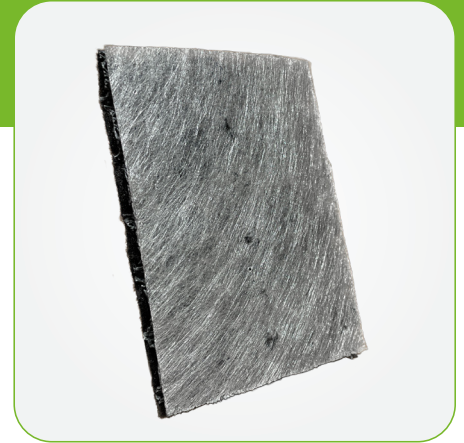


Extenduct 2

Extenduct 2 is a drainage composite mat that enables drainage of excess water without the risk of clogging. It consists of entangled filaments bonded on both sides to a geocomposite filter fabric. The waffle pattern of the filaments creates an open flow path, even during backfill.

Extenduct 2 includes both filter fabric and another protection fabric fully integrated into the drainage core. This secondary fabric eliminates the need for protection board.



FEATURES AND BENEFITS

- Conforms to irregular surfaces and corners
- Includes protection for waterproofing
- Excellent durability
- Long rolls reduce installation costs by reducing butt seams and eliminating interlocking
- Recycled content polymer contributes towards LEED points
- 3" fabric overlap on both sides

PRODUCT DATA

Roll Size	3.25' x 100' (325 sq ft)
Core Material	Recycled Polypropylene
Thickness	0.45"
Total Weight	0.165 lb/ft ²
Core Weight	0.111 lb/ft ²
Compressive Load	>30,000 psf (ASTM D-1621)
Polypropylene CAS	9003-07-0
Warranty	2 years



FABRIC PROPERTIES

Property	Filter Fabric	Protection Fabric	Test Method
Polymer	Polypropylene	PA6 + PET	-
Fabric Color	Black	Grey	-
Weight	0.031 lbs/ft ²	0.026 lbs/ft ²	ASTM D-5261
Grab Strength MD/CD	120.0 lbs	125.0 lbs	ASTM D-4632
Grab Elongation	50%	40%	ASTM D-4632
Trapezoidal Tear	50.0 lbs	40.0 lbs	ASTM D-4533
Puncture Strength	70.0 lbs	35.0 lbs	ASTM D-4833
AOS (maximum average)	70 US Sieve	45 US Sieve	ASTM D-4751
Flow Rate	120.0 gal/min/ft ²	185.0 gal/min/ft ²	ASTM D-4491
Permittivity	1.8 sec ⁻¹	2.5 sec ⁻¹	ASTM D-4491

Values are MARV (Minimum Average Roll Value)

FLOW RATES

Pressure	1.0 Gradient	0.5 Gradient	0.2 Gradient
250 psf	20.2 gal/min/ft	13.6 gal/min/ft	7.7 gal/min/ft
500 psf	18.1 gal/min/ft	12.4 gal/min/ft	7.3 gal/min/ft
1000 psf	17.9 gal/min/ft	12.2 gal/min/ft	7.2 gal/min/ft
2000 psf	16.8 gal/min/ft	11.2 gal/min/ft	7.0 gal/min/ft
3000 psf	12.9 gal/min/ft	7.9 gal/min/ft	4.9 gal/min/ft
3600 psf	8.6 gal/min/ft	4.7 gal/min/ft	2.8 gal/min/ft
5000 psf	3.8 gal/min/ft	2.5 gal/min/ft	1.3 gal/min/ft
8000 psf	1.7 gal/min/ft	1.0 gal/min/ft	0.5 gal/min/ft

Typical flow vs pressure for vertical applications (ASTM D-4716) Sample configuration: Plate/Extenduct 2/Plate

