



Polyflow® 18

PRODUCT OVERVIEW

Polyflow® 18 Drainage Mat is two-part, molded sheet drainage geocomposite consisting of a formed impermeable polymeric core covered on one side with woven filter fabric. The fabric allows water to pass into the drain core while restricting the movement of soil particles which might clog the core. The core allows the water to flow to designated drainage exits. Polyflow 18 is designed for horizontal applications. Compressive strength is 21,000 psf.

- Lightweight & Easy to Install.
- Enhanced Compressive strength of core.
- Compressive Strength: 21,000 psf
- High strength Woven Fabric.
- Complements waterproofing.
- Ideal for Split slabs, Plazas and Parking Decks.

Property	Test Method	Typical Value
<u>DRAIN</u>		
Flow Capacity	ASTM D 4716	23 g/min/ft.
Roll Length		50 ft.
Roll Width		4 ft.
Roll Weight		50 lbs.
<u>CORE</u>		
Material		Polymeric
Thickness	ASTM D 1777	0.40 inch
Compressive Strength	ASTM D 1621	21,000 lbs./ft ²
Polymeric Film Layer		No
<u>FABRIC</u>		
Material		Polymeric
Grab Tensile Strength	ASTM D 4632	365 x 200 lbs.
CBR Puncture Strength	ASTM D 6241	675 lbs.
EOS (AOS)	ASTM D 4751	40 US Sieve
Flow Rate	ASTM D 4491	145 g/min/ft ²

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Drainage Systems & Accessories



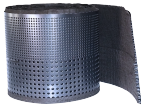
Polyflow®
15/15P



Polyflow®
18



Polyflow®
BD



Totalflow™



Totalflow™
End Outlet



Totalflow™
Tee Outlet