

**Permavoid 85**

High strength polypropylene interlocking modules with 92% void ratio, designed for use as a sub-base replacement and water attenuation system through retention, detention, passive irrigation and/or infiltration.

**Plan Notes**

Part Number: PV85-EIS

Material: Polypropylene (CoPo)  
 Weight: 4.96 lbs (2.25 kg)  
 Void Space: 0.6922 ft<sup>3</sup> (0.01956 m<sup>3</sup>)

**Compressive Yield Strength**

Vertical: 103.7 psi (715 kPa)  
 Lateral: 22.6 psi (156 kPa)

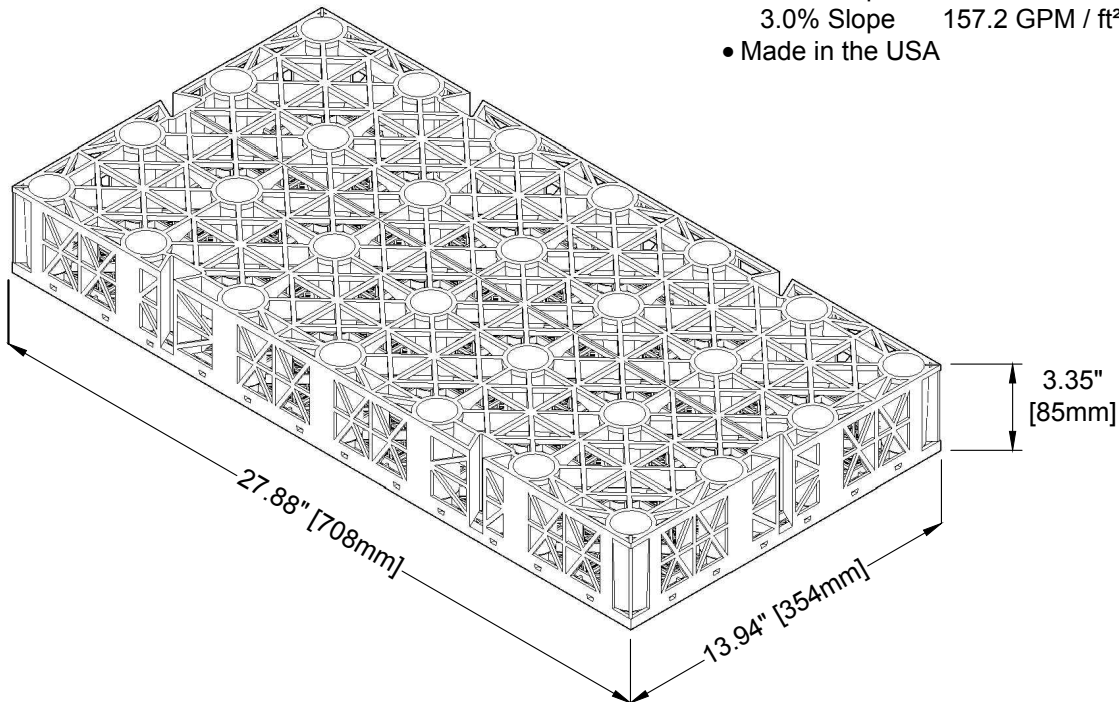
**Deflection Strength [ 1/8 in (3.175 mm)]**

Vertical: 58.0 psi (400 kPa)  
 Lateral: 6.9 psi (48 kPa)

**Hydraulic Performance [GPM / ft<sup>2</sup> (LPS / m<sup>2</sup>)]**

0.0% Slope 74.0 GPM / ft<sup>2</sup> (50.2 LPS / m<sup>2</sup>)  
 1.0% Slope 119.3 GPM / ft<sup>2</sup> (81.6 LPS / m<sup>2</sup>)  
 2.0% Slope 138.8 GPM / ft<sup>2</sup> (94.2 LPS / m<sup>2</sup>)  
 3.0% Slope 157.2 GPM / ft<sup>2</sup> (106.7 LPS / m<sup>2</sup>)




• Made in the USA



**Fabric Notes:**

1. Non-Woven Fabric for separation and/or infiltration:
  - Tencate - Mirafi 1100N (or equal)
2. Woven Fabric for separation and/or infiltration:
  - Tencate - Mirafi HP270 (or equal)
3. Non-Woven Fabric for separation and/or passive irrigation:
  - Tencate - Mirafi H2Ri (or equal)
4. Solid Membrane for retention and/or detention:
  - Per Engineer's requirements

**Accessories:**

-  Wicking Cones
-  Perma-Tie
-  Permavoid Shear Connector

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**Permavoid Water Control System  
 Infiltration, Retention, Detention**

SERIES: **PV-85EIS**

REV: **02**

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