

## EXTENSIVE 1.2" STORMWATER DISCHARGE DELAY BOARD

Our Extensive 1.2" Stormwater Discharge Delay (SDD) Board is designed with serpentine channels to slow the storm surge on extensive vegetated roofs. Specific to this product, it:

- gathers surplus water within the cells of the panel and passes it from one cell to the next
- forces water to travel in a sinuous route, thus lengthening the drainage distance and **delaying the discharge** to the sewer system
- provides vegetation with **long-term access to water**
- allows for the incorporation of a complete array of zone appropriate **drought tolerant plantings**; in a less than 6" depth assembly



Meander Water Retention Board FKM 30 by



LEED Credits available for:  
• Materials & Resources (MR)



• Special order product



• Individual Unit  
• Full Section  
• Full Pallet



• 21.52 ft<sup>2</sup> per Unit  
• 50 Units per Section (1,076 ft<sup>2</sup>)  
• 5 Sections per Pallet (5,382 ft<sup>2</sup>)

### TECHNICAL DATA

**Materials:**

- Recycled HDPE

**Material Thickness:**

- 1.18"

**Board Dimensions (W x L):**

- 3' 4 1/2" x 6' 4 3/4"

**Board Area:**

- 21.52 ft<sup>2</sup>

**Board Weight:**

- 0.35 lbs. / ft<sup>2</sup>

**Compressive Strength:**

- 16.67 lbs. / in<sup>2</sup> (unfilled)

**Temporary Water Holding Capacity:**

- 0.75 in<sup>3</sup> / in<sup>2</sup> (0.466 gal / ft<sup>2</sup>)

**Drainage Performance (fully saturated):**

- at 1% Slope = 3.01 in<sup>3</sup> / ft / sec
- at 2% Slope = 4.24 in<sup>3</sup> / ft / sec

**Vegetated Roofing Use:**

- Stormwater discharge delay extensive vegetated roofs using a complete array of zone appropriate drought tolerant plantings

**Installation Requirements:**

- Butt boards tight together
- Cover boards with overburden immediately to protect from UV rays & wind uplift