

INTENSIVE 2.4" STORMWATER DISCHARGE DELAY BOARD

Our Intensive 2.4" Stormwater Discharge Delay (SDD) Board is designed with serpentine channels to slow the storm surge on semi-intensive / intensive 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 **perennials and ornamental grasses**; in a 6-12" depth assembly



Meander Water Retention Board FKM 60 by



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



• Special order product



• Individual Unit
• Full Section
• Full Pallet



• 19.375 ft² per Unit
• 70 Units per Pallet (1,356.25 ft²)
• 12 Pallets per Load (16,275 ft²)

TECHNICAL DATA

Materials:

- Recycled HDPE

Material Thickness:

- 2.36"

Board Dimensions (W x L):

- 3' 1 3/8" x 6' 2 3/4"

Board Area:

- 19.375 ft²

Board Weight:

- 0.57 lbs. / ft²

Compressive Strength:

- 14.12 lbs. / in² (unfilled)

Water Holding Capacity:

- .688 in³ / in² (0.429 gal / ft²) (permanent)
- .570 in³ / in² (0.355 gal / ft²) (temporary)

Drainage Performance (fully saturated):

- at 1% Slope = 8.92 in³ / ft / sec
- at 2% Slope = 13.02 in³ / ft / sec

Vegetated Roofing Use:

- Stormwater discharge delay vegetated roofs using a complete array of zone appropriate perennials and ornamental grasses

Installation Requirements:

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