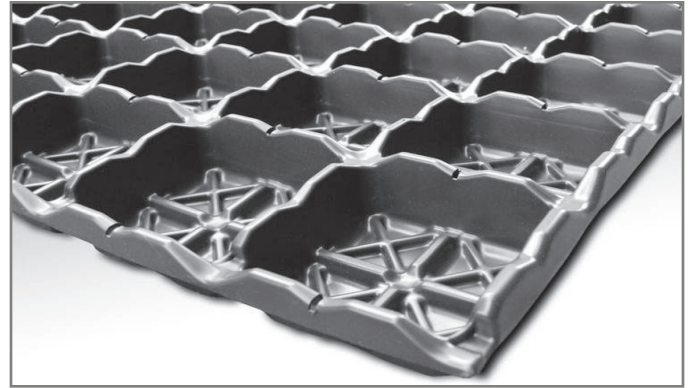


INTENSIVE 2.4" DRAINAGE / RETENTION BOARD

Our Intensive 2.4" Drainage / Retention (DR) Board provides water storage for intensive roofs with large plant palettes. Specific to this product, it:

- is a plastic panel that **retains water within pockets** on the upper side, making water available to vegetation
- has **drill holes to drainage channels** for diffusion and irrigation
- channels surplus water through its **bottom-sided canal system** for secure drainage
- allows for the incorporation of a complete array of zone appropriate **plantings, including shrubs & trees**, in a greater than 12" depth assembly
- **transfers loads uniformly** to the substructure via large contact areas



Protection and Drainage Board FKD 60BO by

OPTIGRÜN[®]
ROOF GREENING



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



• Special order product



• Individual Unit
• Full Section
• Full Pallet



• 24.75 ft² per Unit
• 30 Units per Section (742.5 ft²)
• 6 Sections per Pallet (4,455 ft²)

TECHNICAL DATA

Materials:

- Recycled HDPE

Material Thickness:

- 2.36"

Board Dimensions (W x L):

- 3' 3 1/2" x 7' 8 1/8"

Board Area:

- 24.75 ft²

Board Weight:

- 0.47 lbs. / ft²

Compressive Strength:

- 94.27 lbs. / in² (filled)

Water Holding Capacity:

- 0.91 in³ / in² (0.564 gal / ft²) (filled)

Drainage Performance (fully saturated):

- at 1% Slope = 29.38 in³ / ft / sec
- at 2% Slope = 42.59 in³ / ft / sec

Vegetated Roofing Use:

- High load capacity systems that harvest stormwater and cool buildings

Installation Requirements:

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