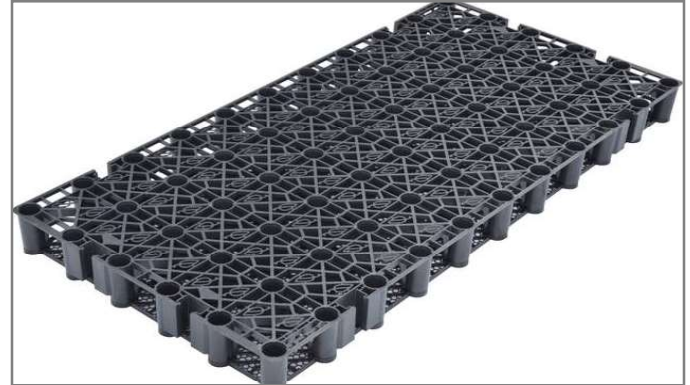


BLU-VAULT 3.74" INTENSIVE RETENTION BOARD

Our Blu-Vault 3.74" Drainage / Retention (DR) Board integrates with raised roof drains to provide water storage and stormwater discharge delay. Specific to this product, it:

- is a lightweight, sub-surface **structural drainage module** used where a high capture and discharge rate of water and high compressive strength is required
- has **95% internal void volume** that allows for a large water retention capacity
- significantly **reduces daily irrigation needs**
- is available with special **capillary columns for vertical water transport** between the reservoir and vegetation layers



Water Retention Box WRB 95 by

OPTIGRÜN[®]
ROOF GREENING



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



• Special order product



• Individual Layer
• Full Pallet
• Full Load



• 7.55 ft² per Board
• 42 Boards per Pallet (317.1 ft²)
• 24 Pallets per Load (7,610.4 ft²)

TECHNICAL DATA

Materials:

- Recycled Polypropylene

Material Thickness:

- 3.74"

Board Dimensions (W x L):

- 3' 10 27/32" x 1' 11 1/4"

Board Area:

- 7.55 ft²

Board Weight:

- 1.64 lbs. / ft²

Compressive Strength:

- 116.03 lbs. / in²

Water Holding Capacity:

- 3.54 in³ / in² (2.21 gal / ft²)

Vegetated Roofing Use:

- Stormwater discharge delay, harvesting, and building cooling through raising roof drains and covering with a filter fleece

Installation Requirements:

- Interlock using dove-tail connectors on each side or butt boards tight together
- Cover boards with overburden immediately to protect from UV rays & wind uplift