



VEGETATIVE ROOFING COMPONENTS

DRAINAGE / RETENTION

0.9" Extensive DR Board

Product #

3609

Our 0.9" Extensive Drainage / Retention (DR) Board is designed for extensive vegetated roofs requiring moderate water storage. Specific to this product, it:

- is a studded plastic sheet that **retains water within formed cavities** on the upper side, making water available to vegetation
- has **drainage slits 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 **drought tolerant plantings**; in a less than 6" depth assembly



Tiered pricing based on product quantity



170 Boards per Pallet (5,403 ft²)

TECHNICAL DATA

Materials:

- Virgin HDPE

Material Thickness:

- 0.90"

Board Dimensions (W x L):

- 4' 4 3/8" x 7' 3 13/32"

Board Area:

- 31.78 ft²

Board Weight:

- 0.19 lbs. / ft²

Compressive Strength:

- 17.40 lbs. / in² (unfilled)
- 145.03 lbs. / in² (filled)

Water Holding Capacity:

- 0.24 in³ / in² (0.149 gal / ft²)

Drainage Performance (fully saturated):

- at 3% Slope = 27.90 in³ / ft / sec

Vegetated Roofing Use:

- Extensive vegetative roofs using a complete array of zone appropriate drought tolerant plantings

Installation Requirements:

- Overlap boards by one cup
- Cover boards with overburden immediately to protect from UV rays & wind uplift