

DiaDrain-60

310221

2 3/8" Height flow-delay retention board composed of recycled high impact polystyrene (HIPS), for

KEY FEATURES

- Simple and quick installation
- Low structural weight
- Great load bearing capacity
- Increased water drainage and ventilation capacity
- Distributes rainwater to increase efficiency of drip irrigation
- Form and shape stability
- Economical storage and delivery
- Keeps dry the insulation on an inverted roof



APPLICATION

The DiaDrain product family is formulated for continuous drainage of green roofs. Depending on the product chosen it can take the weight of pedestrian or even heavy vehicle traffic (such as fire engines or moving trucks). The boards can be filled with mineral aggregates to enhance the load-bearing capacity of the product. 2-3/8" high heavy duty and great capacity reservoir and drainage boards suitable even for flooded green roofs. The boards provide a sound framework to support roads and kerbs, while giving continuous drainage.



SPECIFICATION

Diadrain CE marked water drainage and reservoir board with a height of 2-3/8", made of recycled polystyrene, shaped on both sides, perforated on its entire surface. This layer ensures the continuous aeration, water retention and water drainage under an intensive green roof. Tested according to DIN 4095, EN ISO 12958, EN ISO 25619-2, EN 12225.



TECHNICAL DATA

Board size (LxWxH): (inch)	6 5-1/8"x2 11-3/8"x2-3/8"
Weight per Area unit: (oz/sy)	56.62
Fill-up Volume: (gal/sqf)	0.59
Water retention capacity: (gal/sqf)	0.43
Water flow capacity i=0.01: (l/(mxs))	2.22
Water flow capacity i=0.02: (l/(mxs))	3.03
Water flow capacity i=0.03: (l/(mxs))	3.69
Water flow capacity i=0.05: (l/(mxs))	4.78
Compressive strength (unfilled): (lbs/sqf)	2,876
Compressive strength (unfilled, 40°C): (lbs/sqf)	2,003
Compressive strength (filled): (lbs/sqf)	3,074

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Green Up the Roof!