

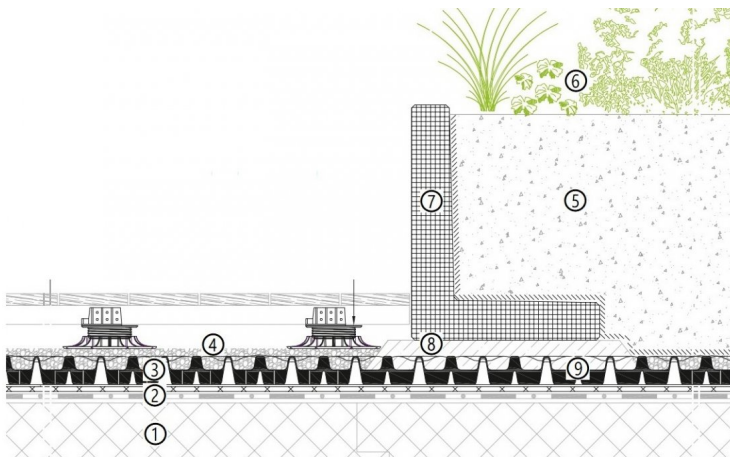
DiaDrain-60H

310233

2 3/8" Height, Structural/Retention Board made of Rec. Polystyrene

KEY FEATURES

- Simple and quick installation
- Low structural weight
- Great load bearing capacity
- Increased water drainage and ventilation capacity
- Form and shape stability



(1)Structural, (2)Waterproof Membrane, (3)DD60H-Unten Drainage Board, (4)Fill up aggregate, (5)Growing Media, (6)Vegetation, (7)Drycast Angle, (8) Concrete Bedding, (9)DD60H Structural Board

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' 4-3/8" x 3' 1" x 2' 5/8"
Water retention capacity: (gal/sqf)	0.77
Weight per Area unit (+/- 5%): (oz/sy)	64.88
Water flow capacity i=0.02: (l/(mxs))	2.06
Water flow capacity i=0.05: (l/(mxs))	3.34
Material: (HIPS)	High Impact Polystyrene
Flammable classification: (DIN EN 13501)	E
Fill-up Volume: (gal/sqf)	1.02
Compressive strength (unfilled): (lbs/sqf)	2,498
Compressive strength (filled): (lbs/sqf)	27,035
Material Requirement : (sqf/sqf)	1.02-1.15

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DIADEM USA, Inc.
8795 SW Tualatin Sherwood Rd #1005, Tualatin, OR 97062
info@diademusa.com • www.diademusa.com



Green Up the Roof!