

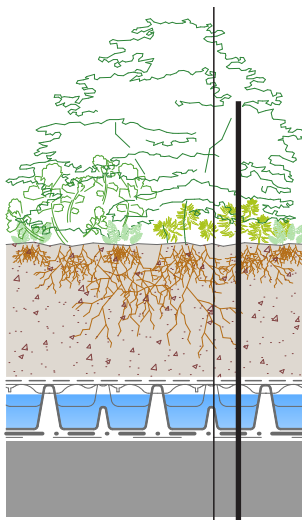
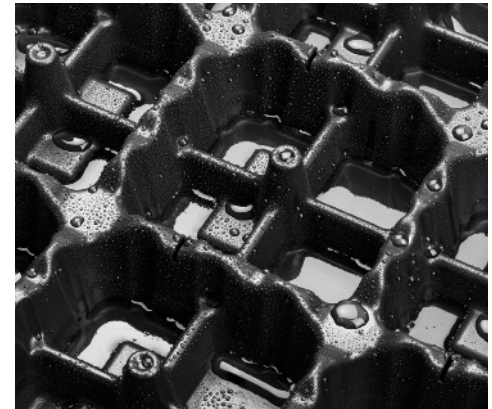
DiaDrain-60H



Water-retention and drainage board
310233

ADVANTAGES

- High rain- and irrigation-water retention \Rightarrow approx. 30,5 l / m² water storage capacity
- Increased contact surface \Rightarrow heightened protection of the waterproofing through the favorable weight distribution
- Long-term ventilation of the root area \Rightarrow increased diffusion openings
- Durable and high compressive strength material (HIPS) \Rightarrow no water cooling needed during summer installations
- Preventing the sinking of the filter layer \Rightarrow dedicated support cones
- Suitable for flooded blue roof \Rightarrow Flooding height with approx. 50 mm; with the combination of DiaDrain-60H-UP as a DiaDrain-120 WM watermanagement system up to 100 mm water level



DIADEM® BUILD-UP

- intensive vegetation
- intensive substrate
- VLF-200 separation and filter geotextile
- DiaDrain-60H drainage board
- VLS-500 protection geotextile with moisture retention
- root-resistant waterproofing membrane
- additional layers



EN 13252



100% recyclable

Microbiological resistance
EN 12225

APPLICATION

Rainwater-retention and flow-delay drainage board for semi-intensive or intensive roof gardens, for green roofs with flooded irrigation system and for paved roofs with sporadic traffic, eg. car parks.



SPECIFICATION

Rainwater-retention and flow-delay drainage board with ETA and CE marking, made of recycled high-impact polystyrene (HIPS), 60 mm high, for semi-intensive or intensive roof gardens, and for green roofs with flooded irrigation system up to a water level of approx. 50 mm (even up to approx. 100 mm when used in the DiaDrain-120 WM System), and for paved roofs with sporadic traffic, eg. car parks, when filled and laid with bedding layer above the filter fleece. With overlapping strip around the board, dam grid structure.

Product: DIADEM® DiaDrain-60H
Producer's certificate: A.P.P. Kft.
Website: www.diadem.com

TECHNICAL DATA

Board size (mm):	1940 x 940 x 60
Water storage capacity (l / m ²):	30.45
Fill-up volume (l / m ²):	approx. 40
Weight (kg / m ²):	2.2
Compressive strength unfilled (kN / m):	122 (± 10%)
Material:	recycled high-impact polystyrene (HIPS)
Water flow capacity EN ISO 12958 (l / m*s):	at 1%: 1.12 • at 5%: 2.42 • at 10%: 3.53 (± 5%)
Storage:	horizontally, for long-term storage protect from UV radiation
Installation:	collided, covered immediately after laying



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