

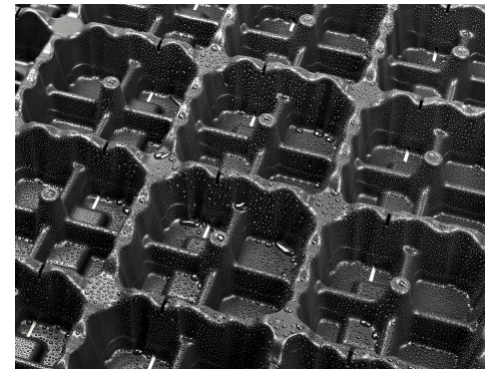
DiaDrain-60H-UP



Drainage board
310234

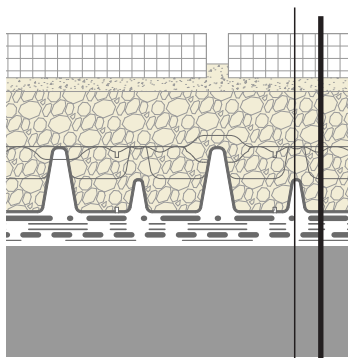
ADVANTAGES

- Protecting the waterproofing against the scattering of the filling material ⇒ protective overlapping edge around the board
- Increased contact surface ⇒ heightened protection of the waterproofing through the favorable weight distribution
- Vapor diffusion for inverted roofs ⇒ increased diffusion openings both side
- Durable and high compressive strength material (HIPS) ⇒ no water cooling needed during summer installations
- Preventing the sinking of the filter layer ⇒ dedicated support cones
- Suitable for flooded blue roof ⇒ up to 100 mm water level with the combination of DiaDrain-60H rainwater retention board as a DiaDrain-120 WM watermanagement system



APPLICATION

Flow-delay drainage board for inverted roof structures with high vapor diffusion requirement, for blue roofs with the application of water accumulation valve, and for draining of traffic areas with zero slope constructions, filled with bearing layer (broken gravel, drainage concrete, etc.) or as permanent shuttering.



DIADEM® BUILD-UP

- stone pavement
- bedding layer, min. 4,0 cm
- leveled crushed stone bedding
- DiaDrain-60H-UP perforated drainage board
- VLU-500 mechanical protection geotextile
- GF-1000 skid membrane in 2 lyrs.
- VLS-500 protection geotextile with moisture retention
- root-resistance waterproofing membrane
- additional layers

SPECIFICATION

Flow-delay drainage board with CE marking, made of recycled high-impact polystyrene (HIPS), 60 mm high, for inverted roof structures with high vapor diffusion requirement, for blue roofs with the application of water accumulation valve, and for draining of traffic areas with zero slope constructions, filled with bearing layer (broken gravel, drainage concrete, etc.) or as permanent shuttering; with overlapping strip around the board, dam grid structure with perforations on the both side and water channel system on the underside for water drainage; compressive strength: 122 kN / m²; Water flow capacity on 3% roof slope 1.76 l / (mxs) certified according to EN ISO 12958.

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



EN 13252

Microbiological resistance
EN 12225



100% recyclable

TECHNICAL DATA

Dimensions (mm):	1940 x 940 x 60
Fill-up volume (l / m ²):	approx. 40
Weight (+5%, kg / m ²):	2.2
Compressive strength unfilled (kN / m ²):	122 (± 10%)
Material:	recycled high-impact polystyrene (HIPS)
Water flow capacity DIN EN ISO 12958 (l / (mxs)):	at 3%: 1.76 • at 5%: 2.20 • at 10%: 3.29 (± 5%)
Fire classification::	Class „E“ regarding DIN EN 13501-1
Storage:	horizontally, protect from UV radiation
Installation:	side by side, covered immediately after the collision



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