

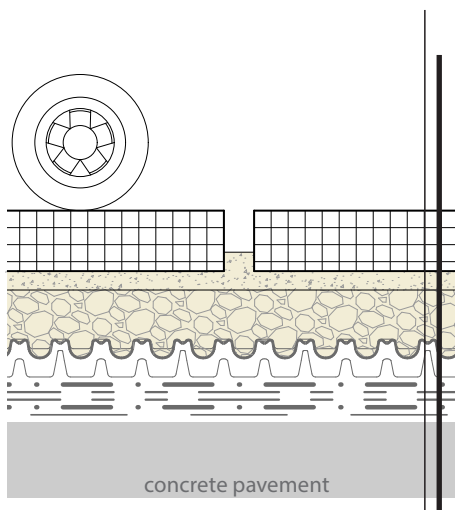
DiaMassive-25H

Drainage board for surfaces exposed to high loads

310246

ADVANTAGES

- Extremely high compressive strength \Rightarrow can be used by heavy vehicles
- Can be paved frost-free
- Stable form
- Economical installation \Rightarrow negligible overlap loss
- Environment protection \Rightarrow made from recycled primary waste which can be recycled



DIADEM® BUILD-UP

- Concrete tiles
- Sand bedding
- VLF-150 / VLF-200 filter geotextile
- Grit bedding (4 mm – 11 mm)
- DiaMassive-25H**
- VLU-300 / VLU-500 protection fleece
- GF-1000 skid layer (2 layers)
- VLU-300 / VLU-500 protection fleece
- Root-resistant layer
- Existing build-up (roof deck)



APPLICATION

Rainwater retention and drainage plate extensive and semi-intensive green roofs and paved surfaces subject to vehicular traffic, made of recycled polystyrene with increased impact resistance (HIPS). The specially designed barrier structure provides a run-off retarding effect.

SPECIFICATION

Heavy duty flow-delay drainage board of recycled high-impact polystyrene, 25 mm high, of paved/wooden surfaces of roof areas and for gravel roof build-up. Due to its excellent load bearing capacity it is appropriate for drainage layer under heavy vehicle roads. Compressive strength 1089,2 kN / m² (unfilled), water flow capacity on 2% roof slope 0,57 l / m²s certified according to EN ISO 12958.

Product: DIADEM® DiaMassive-25H
 Producer's certificate: A.P.P. Kft.
 Website: www.diadem.com



100% recyclable

Microbiological resistance
 EN 12225



TECHNICAL DATA

Board size (cm):	202 × 110 × 2,5
Overlap loss:	< 4%
Fill-up volume (l / m ²):	13,5
Weight (kg / m ²):	2,25
Compressive strength filled (kN / m ²):	1839,6
Compressive strength unfilled (kN / m ²):	1089,2
Material:	HIPS
Water flow capacity EN ISO 12958 (l / m ² s):	at 1%: 0,39 • at 2%: 0,57 • at 3%: 0,71 • at 5%: 0,91
Storage:	horizontally, for long-term storage protect from UV radiation
Installation:	adjacent to each other or overlapped



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Green Up the Roof!