

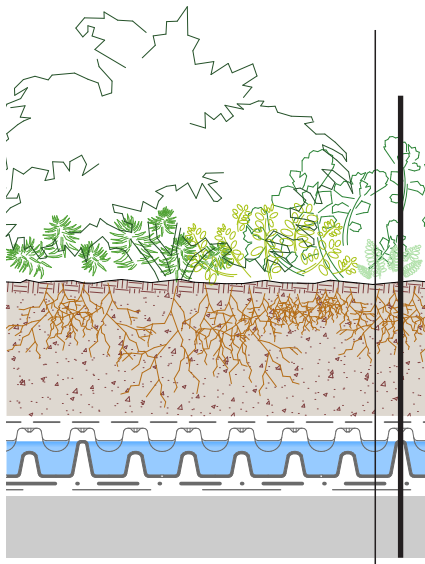
DiaDrain-40H-DeReT

drainage board perforated on both sides

310240

ADVANTAGES

- Lower and upper openings for water drainage ⇒ fast water drainage of excess storage water
- Very good drainage ⇒ properties unhindered water drainage between retention element and sealing membrane
- Negligible overlap loss ⇒ economical installation



DIADEM® DIADEM® BUILD-UP

Vegetation

Growing media

VLF-150/200 filter layer

DiaDrain-40H-DeReT

VLU-300/VLS-500 mechanical protection layer

Root resistant waterproofing membrane

Roof construction



APPLICATION

Drainage panel with flow retardation and residual water storage made of recycled, impact-resistant polystyrene, 40 mm high, graduated barrier shape, with recessed evaporation openings, with drainage openings at the bottom and with water channel system at the bottom.



EN 13252



100% recyclable

microbiological resistance
EN 12225



SPECIFICATION

Drainage board, perforated on both sides, made of high-impact polystyrene, height 40 mm, with lower and upper drainage openings of paved/wooden surfaces of roof areas and for gravel roof build-up. Water flow capacity at 2% roof slope is 1,01 l/mxs certified according to EN ISO 12958, microbiological resistance tested (EN 12225).

Product: DIADEM® DiaDrain-40H-DeReT

Producer's certificate: A.P.P. Kft.

Website: www.diadem.com

TECHNICAL DATA

Board size (mm):	approx. 2040 × 1040 × 40 [ca. 2.12 m ² / sheet]
Rainwater retention capacity (l / m ²):	8.2
In-fill volume (l / m ²):	22.75
Overlap loss:	~5%
Surface weight (+/-5%, kg / m ²):	1.96
Compressive strength unfilled (kN / m ²):	> 210
Material:	recycled high-impact polystyrene (HIPS)
Water flow capacity EN ISO 12958 (l / m ² s):	at 1%: 0.70 • at 2%: 1.01 • at 3%: 1.25 • at 5%: 1.63
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!

