

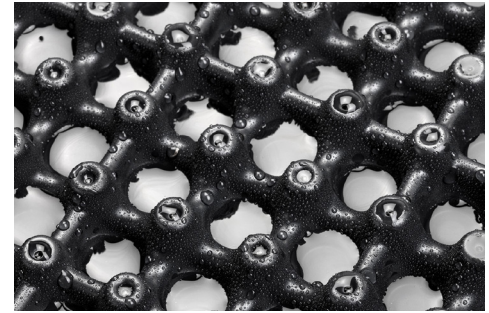
# DiaMassive-25H



Drainage board for surfaces exposed to high loads  
310246

## ADVANTAGES

- Extremely high compressive strength ⇒ can be used by heavy vehicles (up to 34 tonnes)
- Can be paved frost-free
- Stable form
- Economical installation ⇒ negligible overlap loss
- Environment protection ⇒ made from recycled primary waste which can be recycled

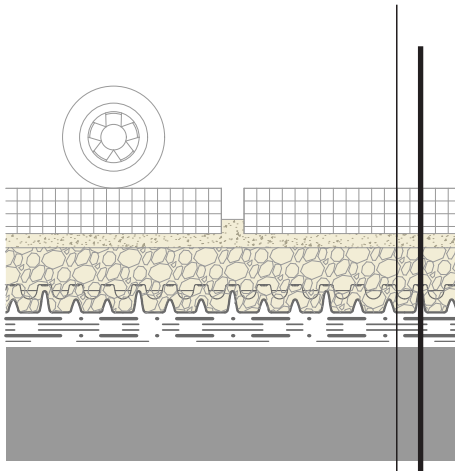


## APPLICATION

Rainwater retention and drainage plate 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.



Microbiological resistance  
EN 12225



### DIADEM® BUILD-UP

- cubble stone pavement
- bedding layer, min. 4.0 cm
- leveled crushed stone bedding 4.0-5.0 cm
- crushed stone bedding min. 10.0 cm
- DiaMassive-25H drainage board
- VLU-300 mechanical protection geotextile
- GF-1000 skid membrane 2 lyrs.
- VLU-500 mechanical protection geotextile
- root-resistant waterproofing membrane
- additional layers

## SPECIFICATION

Heavy duty (34 tonnes) 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: 1000 kN / m<sup>2</sup> (unfilled), water flow capacity on 1% roof slope 0,35 l / m x s certified according to EN ISO 12958.

Product: DIADEM® DiaMassive-25H  
Producer's certificate: A.P.P. Kft.  
Website: [www.diadem.com](http://www.diadem.com)

## TECHNICAL DATA

Board size (mm):	2020 × 1100 × 25
Compressive strength unfilled (kN/m <sup>2</sup> ):	1000 (± 10%)
Compressive strain bei 1 MPa(%):	10.7
Fill-up volume (l/m <sup>2</sup> ):	13.5
Water flow capacity 20 kPa, i=0,01 (l/(mxs)):	0,35 (± 5%)
Water flow capacity 20 kPa, i=1 (l/(mxs)):	3,6 (± 5%)
Material:	HIPS



**A.P.P. Kft.**

Tel.: +36 96 512 910 • [info@diadem.com](mailto:info@diadem.com) • [www.diadem.com/hu](http://www.diadem.com/hu)

**APP Dachgarten GmbH**

Tel.: +49 841 370 9496 • [info@diadem.com](mailto:info@diadem.com) • [www.diadem.com/de](http://www.diadem.com/de)

**DIADEM CH AG.**

Tel.: +41 79 516 20 62 • [info@diadem.com](mailto:info@diadem.com) • [www.diadem.com](http://www.diadem.com)

