

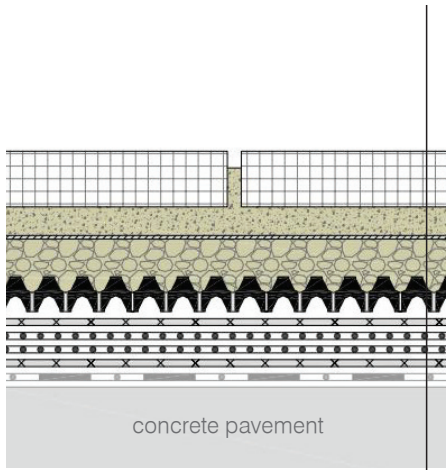
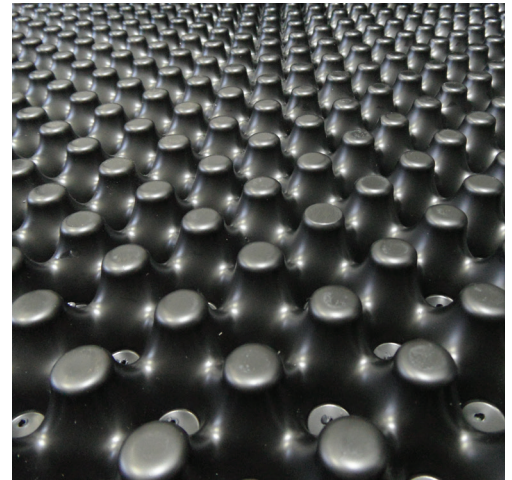
DiaMassive-25

Drainage board for surfaces exposed to high loads

310218

ADVANTAGES

- Extremely high compressive strength ⇒ can be used by heavy vehicles
- High drainage capacity
- Can be paved frost-free
- Stable form
- Economical installation ⇒ negligible overlap loss
- Environment protection ⇒ 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-25 Drainage board**
- 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

When designing a roof with high load traffic, the primary aim is to ensure the effective and fast drainage of water. DiaMassive-25 conducts the water permeating the layer structure through the lower drainage opening to the lower level of the drainage board where it can flow freely to the roof outlet.

SPECIFICATION

Drainage board with CE marking, made of polystyrene, formed on both sides, high load capacity, for green roofs with pedestrian and vehicle traffic. Tested according to EN ISO 256192, EN ISO 12958 and EN 12225. Made of recycled polystyrene; Compressive strength (unfilled): 827.9kN/m²; Compressive strength (filled): 1214.4kN/m². Water flow capacity at 2% tested according EN ISO 12958 - 0.68 l/(m×s); In-fill volume: 11.8 l/m²; Weight: about 2,0 kg/m²; Board size: 196×90×2.5 cm (l×w×h), laying with overlap.

Product: DIADEM® DiaMassive-25.
Certificate of Origin (MCO): APP Kft.
Website: www.diadem.com



100% recyclable

Microbiological resistance
EN12225



TECHNICAL DATA

Board size (mm):	196×90×2,5
Overlap loss:	4%
In-fill volume (l/m ²):	11,8
Surface weight (kg/m ²):	2,0
Compressive strength (kN/m ²):	827,9
Material:	recycled polystyrene
Water flow capacity according to EN ISO12958:	at 1%: 0,47 • at 2%: 0,68 • at 3%: 0,84 • at 5%: 1,11
Storage:	horizontally, for long-term storage protect from UV radiation
Installation:	adjacent to each other or overlapped, cover immediately after laying



APP Dachgarten GmbH, D-85049 Ingolstadt, Jurastrasse 21
Tel.: +49 841 370 9496 • info@grundach.com • www.grundach.com
DIADEM® APP Kft., H-9028 Győr, Fehérvári út 75.
Tel.: +36 96 512 910 • info@diadem.com • www.diadem.com

DIADEM® is a registered trademark. The written permission of the publisher is required to use the images, texts and illustrations in this publication. All rights reserved. Data and images contained in the brochure are indicative, we do not accept responsibility for possible printing errors • 09035900

Green Up the Roof!

