

DiaMassive-25

Drainage board for traffic-bearing roof surfaces

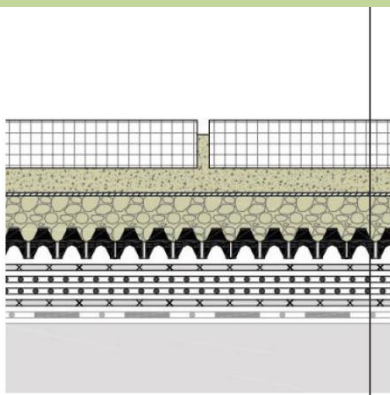
ADVANTAGES

- High compressive strength drainage board suitable for traffic-bearing surfaces → up to 1.214,4 KN/m² (filled)
- High rainwater retention → ca. nearly 12 l/m² of water storage capacity
- Delayed rainwater runoff → avoid overuse of wastewater channel system
- Microbiological resistance test (EN 12225) → Very important in the case of greywater use for irrigation
- Recessed evaporation vents → unobstructed aeration
- Negligible overlap loss → economical installation and cost savings



APPLICATION

High strength flow-delay retention board made of recycled high impact polystyrene (HIPS). For green roofs with heavy construction or traffic-bearing roof surfaces (e.g. parking area). The flow-delay and retention functions are provided by the stepped barrier design.



Layer component from top to bottom:

- Paving
- Sand bedding
- Filter geotextile VLF-200
- Grit bedding (4 mm – 11 mm)
- Drainage board **DiaMassive-25**
- Protection fleece VIU-500
- Root resistant layer FLW-400
- Roof construction

SPECIFICATION

Flow-delay retention board with CE marking, made of recycled high-impact polystyrene, 25 mm high, stepped barrier form, with deep-drawn recessed evaporation vents, high compressive strength 1.214,4 KN/m², water flow capacity on 2% roof slope 0.68 l/m*s certified according to EN ISO 12958, water storage capacity 11.8 l/m², microbiological resistance tested (EN12225), fire resistance classification B2 (EN13501-5).



TECHNICAL DATA

Board size	1960x900x25
Water retention capacity (l/m ²)	4.3
Overlap loss	4%
In-fill volume (l/m ²)	11.8
Weight (kg/m ²)	2.00
Fire resistance classification (EN 13501-5)	B2
Compressive strength (KN/m ²)	827.9 (unfilled) 1.214,4 (filled)
Material	recycled high impact polystyrene (HIPS)

Water flow capacity (EN ISO 12958) slope 1%=0.47; 2%=0.68, 3%=0.84, 5%=1.11

Storage: horizontal, for long-term storage protect from UV radiation



Green Up the Roof!

