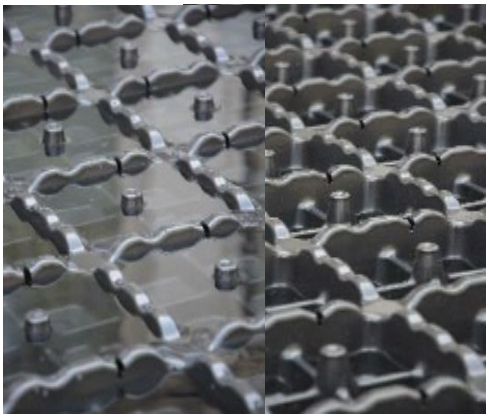
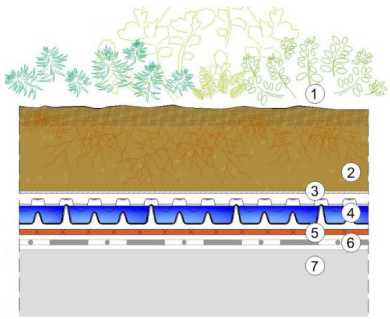
DiaDrain-60H

Flow-delay retention board

ADVANTAGES

- Quick and simple installation
- Lightweight
- High compressive strength
- Recessed evaporation vents→ unobstructed aeration
- High rainwater retention
- Negligible overlap loss→ economical installation and cost savings
- Stable shape and size
- Low cost transport
- Efficient storage





1. Vegetation, 2. Vegetation substrate SRM, 3. Geotextile filter VLF-200, 4. Drainage board **DiaDrain-60H**, 5. Protection and water retention layer VLS-500, 6. Root resistant layer FLW-1000, 7. Roof construction

APPLICATION

Flow-delay retention board for extensive and semi-intensive horizontal or sloping green roofs and hard- surface pedestrian areas, made of recycled high impact polystyrene (HIPS). The flow-delay and the retention functions are provided by the stepped barrier design.

SPECIFICATION

Flow-delay retention board with CE marking, made of recycled high-impact polystyrene, 60 mm high, stepped barrier form, with deep-drawn recessed evaporation vents, compressive strength 122 KN/m^2, water flow capacity on 2% roof slope 2.06 l/m*s, certified according to EN 25619-2, DIN 4095, EN ISO 12958, water storage, capacity 19.59 l/m^2, microbiological resistance tested (EN12225), fire classification E (EN 13501-1).

EN13252

100% recyclable

TECHNICAL DATA	
Board size (mm)	1940x940x60
Water retention capacity	30.45
Overlap loss	<1%
Weight (kg/m^2)	2.2
Compressive strength(KN/m^2)	122
Material	recycled high impact polystyrene (HIPS)
Water flow capacity (l/(mxs))	i=0.01 1.5, i=0.02 2.06, i=0.05 3.34, i=0.1 4.81, i=0.3 8.55, i=1 16

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

ΠΡΑΣΙΝΗ ΣΤΕΓΗ

Green Up the Roof!

DIADEM

PRODUCT INFORMATION SHEET

36, Omorfokklisias, P.C 151 22, Marousi, tel. +30 210 2515005, fax: 210 2515010, e-mail: info@prasinistegi.gr, URL: www.prasinistegi.gr