

Technical data sheet DRAINROOF H6

1. DESCRIPTION

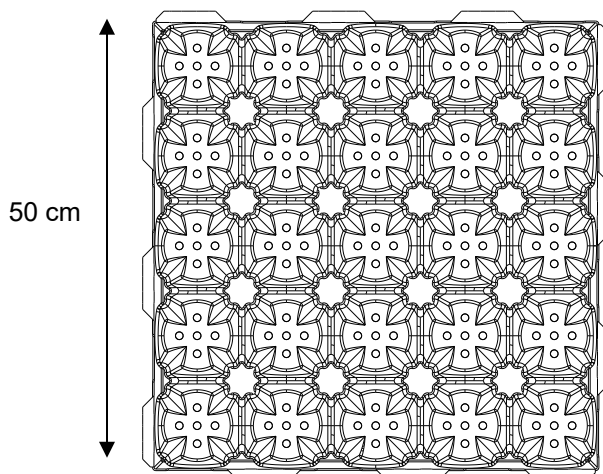
DRAINROOF H6 is a plastic panel with retention and drainage function of rainwater in the green roofs.



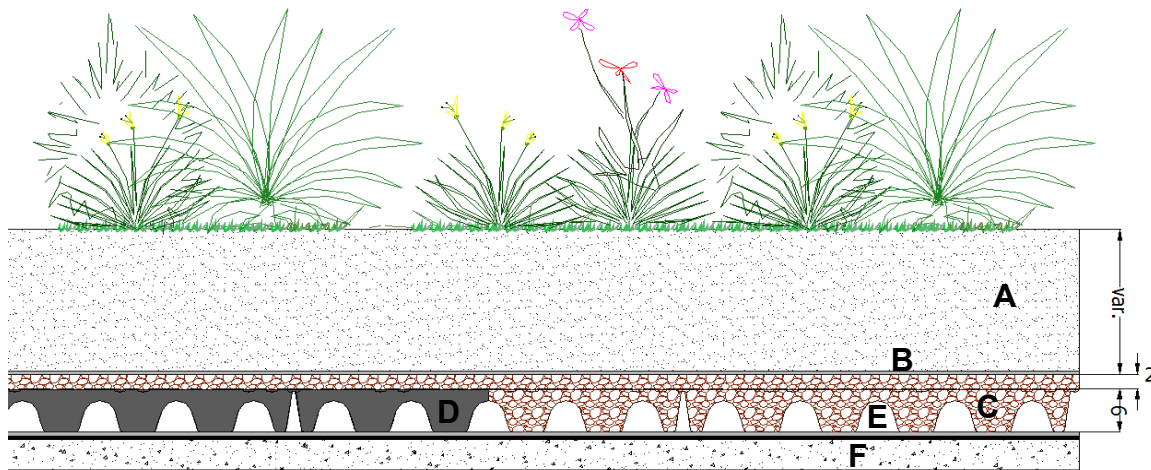
2. TECHNICAL SPECIFICATIONS

Material	-	Graplene
Percentage of recycled material	%	100
Colour	-	Black
Dimensions	cm	50 x 50 x H6
Weight per unit	kg	0,84
Weight per sqm	kg/m ²	3,36
Drainage surface	cm ² /m ²	318
Compressive strength	t/m ²	6
Water reserve	l/m ²	7
Type of connection	-	Double overlapping
Place of production	-	Italy

3. TECHNICAL DRAWINGS



4. TYPICAL STRATIGRAPHY



A - Vegetation soil; B - Geotextile for separation; C - Volcanic stone; D - Drainroof H6; E - Waterproofing membrane and geotextile; F- Slab

- 1) **Waterproofing** - Laying of geotextile (200 g/m²) for the preservation and waterproofing of the slab.
- 2) **Installation of DRAINROOF H6** - Installation of DRAINROOF H6 (60m²/h/worker).
- 3) **Filling of DRAINROOF H6** - Filling of DRAINROOF H6 with volcanic stone (diam. 1/12mm) 2cm above the formwork.
- 4) **Installation of geotextile** - Protection of the panel by applying a 150 g/m² non-woven geotextile. The function of the geotextile is to preserve the drainage capacity of the panel, avoiding clogging.
- 5) **Laying of the vegetation soil** - Thickness varies according to the type of green roof.
 - 8-20 cm for extensive garden
 - 20-150 cm for intensive garden
- 6) **Creation of the garden** - We recommended to choose the plants according to local climatic conditions.

5. PACKAGING AND TRANSPORT

Product code	-	FDRAINR5006
Pcs per sqm	pcs	4
Packaging	-	Stacked on pallet
Pcs per pallet	pcs	720
Surface per pallet	m ²	180
Packaging dimension	cm	105 x 102 x H240