

PRODUCT DATA SHEET

FLORADRAIN FD 25

DRAINAGE AND WATER RETENTION ELEMENT OF THERMOFORMED RECYCLED POLYETHYLEN

DESCRIPTION

Highly load-bearing, low in height drainage and water storage element of recycled polyethylene for use in extensive green roofs.

USES

Floradrain FD 25 is used in extensive green roofs

CHARACTERISTICS / ADVANTAGES

- Tested drainage effect
- Tried and tested over years
- Water-retaining, even on sloped roofs
- Resistant to footstep loads
- Low in height and light in weight
- Biologically neutral
- Easy and quick installation

PRODUCT INFORMATION

Chemical Base	High density Polyethylene (HD-PE)	
Packaging	Height	25 mm
	Weight:	~1.7 kg/m ²
	Dimensions:	0.6 m x 1.0 m
Colour	Black	

TECHNICAL INFORMATION

Water Storage Capacity	~3 L/m ²	
Filling Volume	~10 L/m ²	
Max. Pressure Load (without filling)	> 250 kN/m ²	
Waterflow rate in board Level	15 % slope:	0.5 L/(s*m ²)
	3.0 % slope:	0.8 L/(s*m ²)
Waterflow vertical to board	Level:	0.06 L/(s*m ²)

SYSTEM INSTRUCTIONS

System Structure

Example of application "Extensive Green Roof"

Plant level
Roof planting soil
Sarnafil S-felt 80 gr
Floradrain FD 25
Sarnafil S-felt 300 gr
Sarnafil System

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

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