Product Information
Floradrain® FD 25-E

Technical Data
Floradrain® FD 25-E
Drainage and water storage element of thermoformed recycled polyethylene.

- Material: PE-HD
- Colour: dark grey
- Height: ca. 25 mm
- Weight: ca. 1.7 kg/m²
- Diffusion opening: ca. 2 mm
- Water storage capacity: ca. 3 l/m²
- Filling volume: ca. 10 l/m²
- Max. compressive strength (without filling): > 270 kN/m²
- In-plane water flow capacity (EN ISO 12958):
  - roof slope 1 %: ca. 0.59 l/(s·m)
  - roof slope 2 %: ca. 0.85 l/(s·m)
  - roof slope 3 %: ca. 1.05 l/(s·m)
- Dimensions: ca. 1.00 x 2.00 m

Accessories:
- Plastic Connector (to be pressed into diffusion openings) Order No. 9620

Features
- tested drainage capacity
- above the German Standard DIN 4095
- proven longterm reliability
- water storage, even on sloped roofs
- walkable
- low profile height and light weight
- biologically neutral
- quick and easy installation
- joint connector as accessory available

Application Example
“Extensive Green Roof”

- Plant layer “Rockery Type Plants”
- System Substrate “Rockery Type Plants”
- Filter Sheet SF
- Floradrain® FD 25-E
- Protection Mat SSM 45
- Roof construction with root resistant waterproofing

Specification Suggestion
Drainage and water storage element made of polyethylene, height ca. 25 mm, pressure resistance > 270 kN/m², water storage cells and openings for aeration and evaporation as well as multidirectional drainage channel system on underside, in-plane water flow capacity tested according to EN ISO 12958, delivery and installation according manufacturer’s instructions.

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