Product Data Sheet
Floradrain® FD 40-E

Technical Data
Floradrain® FD 40-E
Drainage and water storage element of thermoformed recycled polyolefin.

- Material: Polyolefin, mainly PE
- Colour: dark grey
- Height: ca. 40 mm
- Weight: ca. 2.0 kg/m²
- Diffusion opening: ca. 2 mm
- Water storage capacity: ca. 6 l/m²
- Filling volume: ca. 17 l/m²
- Compressive strength at 10 % compression without filling: ca. 170 kN/m²
- with filling: ca. 250 kN/m²
- In-plane water flow capacity (EN ISO 12958):
  - roof slope 1 %: ca. 1.5 l/(s·m)
  - roof slope 2 %: ca. 2.1 l/(s·m)
  - roof slope 3 %: ca. 2.6 l/(s·m)
- Dimensions: ca. 1.00 m x 2.00 m
- Accessories: Plastic Connector (to be pressed into diffusion openings) Order No. 9620

Features
- universal element for extensive and intensive green roof build-ups
- high drainage capacity
- also suitable for roofs without slope
- water storage even on sloped roof
- walkable
- biologically neutral
- quick and easy installation
- joint connector as accessory available

Application Example
“Semi-intensive Green Roof Type Heather with Lavender according to ETA-13/0668”

Specification Suggestion
Drainage and water storage element of recycled polyolefin, height ca. 40 mm, max. compressive strength (without filling) 170 kN/m², with water storage cells and openings for ventilation and evaporation as well as multidirectional drainage channel system on the underside, in-plane water flow capacity tested according to EN ISO 12958, delivery and installation according to manufacturer’s instructions.

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