

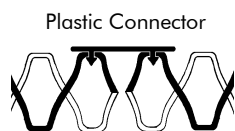
Product Data Sheet

Floradrain® FD 40-E

Order No. 3041



Drainage and water storage element of recycled polyolefin for use on extensive and intensive green roofs with or without slope.



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. 1.9 kg/m ² |
| Diffusion opening: | ca. 2 mm |
| Water storage capacity: | ca. 5 l/m ² |
| Filling volume: | ca. 17 l/m ² |

Compressive strength at 10 % compression

| | |
|------------------|---------------------------|
| without filling: | ca. 170 kN/m ² |
| with filling: | ca. 250 kN/m ² |

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)

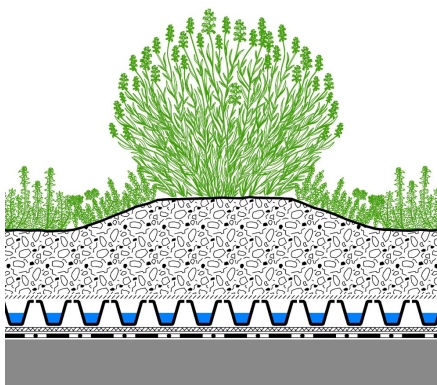
Order No. 9620

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”



Plant layer “Heather with Lavender”

System Substrate
“Heather with Lavender”, ca. 120 l/m²

Filter Sheet SF

Floradrain® FD 40-E

Protection Mat SSM 45

Roof construction with root resistant waterproofing

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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