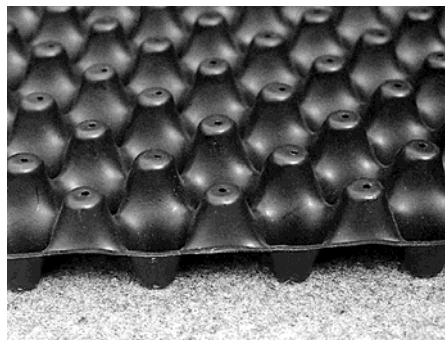


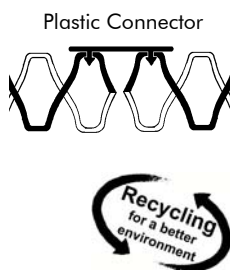
# Product Data Sheet

## 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 <sup>2</sup>
Diffusion opening:	ca. 2 mm
Water storage capacity:	ca. 6 l/m <sup>2</sup>
Filling volume:	ca. 17 l/m <sup>2</sup>

#### Compressive strength at 10 % compression

without filling:	ca. 170 kN/m <sup>2</sup>
with filling:	ca. 250 kN/m <sup>2</sup>

#### 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
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#### Accessories:

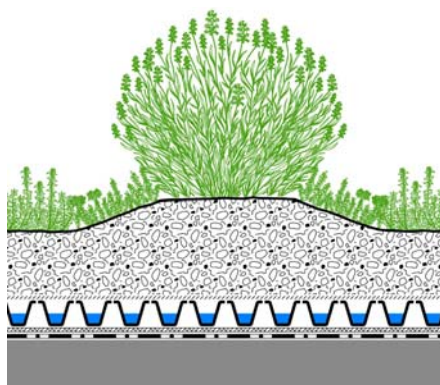
Plastic Connector (to be pressed into diffusion openings)	Order No. 9620
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### Features

- 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/m<sup>2</sup>

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/m<sup>2</sup>, 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.

Make: ZinCo Floradrain® FD 40-E

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