

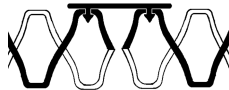
# Product Information

## Floradrain® FD 40-E

Order No. 3041



Drainage and water storage element of recycled polyethylene 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 polyethylene.

Material: PE-HD  
 Colour: dark grey  
 Height: ca. 40 mm  
 Weight: ca. 2.2 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

#### Accessories:

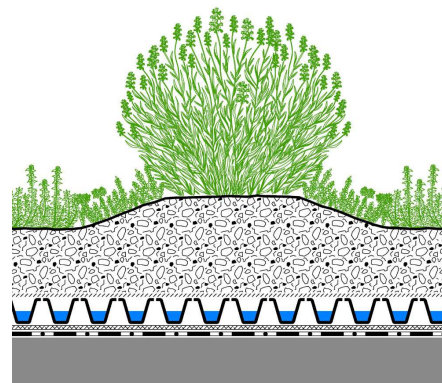
Plastic Connector Order No. 9620  
 (to be pressed into diffusion openings)

### 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"



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 polyethylene, 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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