

Product Data Sheet

Floradrain® FD 60



Powerful drainage and water retention element of thermoformed recycled hard plastic for use on intensive green roofs and roof landscapes.

Technical Data

EDP No. 3060

Floradrain® FD 60

Drainage and water retention element of thermoformed recycled hard plastic.

Material:	ABS (REC)	(Acrylonitrile-Butadiene Styrene (REC))
Color:	black	
Height:	ca. 2.4 in.	(ca. 60 mm)
Weight:	ca. 0.4 lbs/sq. ft.	(ca. 2.0 kg/m ²)
Water retention capacity:		
- with filling:	ca. 0.2 gal/sq. ft.	(ca. 10 l/m ²)
- Filling volume:	ca. 0.7 gal/sq. ft.	(ca. 27 l/m ²)
Max. compressive strength (at 10 % compression):		
- without filling:	ca. 2.8 psi	(ca. 19 kN/m ²)
- with filling	ca. 10.9 psi	(ca. 75 kN/m ²)
In-plane Water Flow Rate:		
- roof slope 1 %:	ca. 6.8 gpm/ft.	(ca. 1.4 l/(s·m))
- roof slope 2 %:	ca. 9.7 gpm/ft.	(ca. 2.0 l/(s·m))
- roof slope 3 %:	ca. 12.1 gpm/ft.	(ca. 2.5 l/(s·m))
Dimensions:	ca. 3.3 ft. x 6.6 ft.	(ca. 1.00 m x 2.00 m)

Features

- spacious channel system for ventilation and drainage
- especially high water retention
- irrigation by diffusion and capillary action
- potential for roof dam irrigation up to 1.6 in.
- light weight
- resistance to high mechanical strain
- usable as shuttering under driveways and foundations
- extremely high drainage capacity

Installation Instructions

Install the Drainage Element Floradrain® FD 60 on the protection mat. The drainage elements are installed with an overlap of ca. 1 inch with the evaporation holes facing up, infill with Zincoblend M. Cut the drainage element in situ at roof penetrations.

Consider an allowance for overlap and wastage of ca. 3–6 %. Floradrain® FD 60 is, included, but not limited to, to be installed according to manufacturer's instructions, not exposed to UV-light, completely covered. Call manufacturer for further options.

Health and Safety

This product does not require a material safety data sheet (MSDS) according to the OSHA Hazard Communication Standard (29 CFR 1910.1200). When used as recommended or under ordinary

conditions, it should not present a health and safety hazard. However, an MSDS can be provided as a courtesy in response to a customer request.

