

Product Data Sheet

Floradrain® FD 60 neo



Highly efficient drainage and water storage element made of profiled plastic, suitable for intensive green roofs.

Technical Data

EDP No. 3062

Floradrain® FD 60 neo

Drainage and water storage element of thermoformed recycled polyolefin.

Material:	Polyolefin, mainly PE	
Color:	black	
Height:	approx. 2.4 in.	(approx. 60 mm)
Weight:	approx. 0.45 lbs/sq. ft.	(approx. 2.2 kg/m ²)

Water retention capacity with infill:	approx. 0.32 gal/sq. ft.	(approx. 13 l/m ²)
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Filling volume: (when calculating the infill material consider possibly of compaction!)	approx. 0.66 gal/sq. ft.	(approx. 27 l/m ²)
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Compressive strength (at 10 % compression):		
- without filling:	approx. 5.8 psi	(approx. 40 kN/m ²)

In-plane Water Flow Rate:		
- roof slope 1 %:	approx. 5.3 gpm/ft.	(approx. 1.1 l/(s·m))
- roof slope 2 %:	approx. 7.7 gpm/ft.	(approx. 1.6 l/(s·m))
- roof slope 3 %:	approx. 9.7 gpm/ft.	(approx. 2.0 l/(s·m))

Dimensions:	approx. 3.4 ft. x 7.5 ft.	(approx. 1.03 m x 2.30 m)
Net dimensions:	approx. 3.3 ft. x 7.4 ft.	(approx. 1.00 m x 2.25 m)

Amount per pallet:	approx. 4844.0 sq. ft.	(approx. 450 m ² (net))
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Features

- for use on intensive green roofs and roof landscapes
- spacious channel system for ventilation and drainage
- very high water storage
- special interlocking studs for a safe connection of the elements length- and crosswise
- also applicable in combination with dam-up irrigation on 0° roofs
- irrigation by diffusion and capillary action
- applicable as permanent formwork e.g. under driveways and foundations

Installation Instructions

Install the Drainage Element Floradrain® FD 60 neo on the protection mat with their diffusion openings facing upwards. Connect the FD 60 neo elements at the connecting fold all along their edges, in a way, that the larger fold covers the smaller one. In vegetated areas fill with Zincblend M.

In paved areas fill with structure stable and drainable loose stone material, such as coarse sand or fine gravel (grain size < 0.3 in.). Cut the drainage element in situ at roof penetrations. Cover immediately after installation to protect from UV-radiation. 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.

