Product Data Sheet
Floradrain® FD 60 neo

Technical Data
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/m²)
- Water retention capacity with infill: approx. 0.32 gal/sq. ft. (approx. 13 l/m²)
- Filling volume: approx. 0.66 gal/sq. ft. (approx. 27 l/m²)
  (when calculating the infill material consider possibly of compaction!)

- Compressive strength (at 10 % compression):
  - without filling: approx. 5.8 psi (approx. 40 kN/m²)
- 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 m² (net))

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 lengthwise 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 Zincoblend 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.