Floradrain® FD 40-E
Drainage and water retention element of thermoformed recycled polyolefin.

Material: Polyolefin, mainly PE (REC)
Color: dark grey
Height: ca. 1.6 in. (ca. 40 mm)
Weight: ca. 0.4 lbs/sq. ft. (ca. 1.9 kg/m²)
Diffusion opening: ca. 0.1 in. (ca. 2 mm)
Water retention capacity: ca. 0.12 gal/sq. ft. (ca. 5 l/m²)
Filling volume: ca. 0.42 gal/sq. ft. (ca. 17 l/m²)
Max. compressive strength (at 10 % compression):
- without filling: ca. 24.7 psi (ca. 170 kN/m²)
- with filling: ca. 36.3 psi (ca. 250 kN/m²)
In-plane Water Flow Rate:
- roof slope 1 %: ca. 7.2 gpm/ft. (ca. 1.5 l/(s·m))
- roof slope 2 %: ca. 10.1 gpm/ft. (ca. 2.1 l/(s·m))
- roof slope 3 %: ca. 12.6 gpm/ft. (ca. 2.6 l/(s·m))
Dimensions: ca. 3.3 ft. x 6.6 ft. (ca. 1.00 m x 2.00 m)

Installation Instructions
Install the Drainage Element Floradrain® FD 40-E on the protection mat. The drainage elements are installed butt jointed, in green roof applications with the evaporation holes facing up, for hard landscape applications with the evaporation holes facing down and infilled with well graded coarse sand (3/8 in. to # 100). Cut the drainage element in situ at roof penetrations. Consider an allowance for wastage of ca. 3 %. Floradrain® FD 40-E 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.