



GENERAL DESCRIPTION

Floradrain FD25 is made of recycled polyethylene, molded into a three-dimensional panel. The unique design provides retention cups on the top side, drainage channels on top and bottom and holes in the tops of the “domes” for ventilation and evaporation.

BASIC USE

Floradrain FD25 is specifically designed to act as a drainage and water retention element in Hydrotech’s Garden Roof® Assembly. It is typically utilized under “extensive” landscaping.

TECHNICAL DATA

PANEL DIMENSIONS:	3.3 ft. X 6.6 ft. (1 m X 2 m)
PANEL HEIGHT:	1 in. (25 mm)
WEIGHT:	0.3 lb/ft ² (1.5 kg/m ²) - dry; 0.9 lb/ft ² (4.4 kg/m ²) - wet
COMP. STRENGTH: (ASTM D1621)	3,440 lb/ft ²
FLOW RATE: (ASTM D4716)	39 gal/min/ft width (hydraulic gradient = 1)
WATER RETENTION:	≈0.07 gal/ft ² (3 l/m ²)

INSTALLATION

- FD25 is to be installed loose-laid over the Root Stop WSF40®, STYROFOAM® insulation or Moisture Retention Mat SSM45® over the entire surface of the roof.
- FD25 is easily cut to fit around penetrations, perimeters, drains, etc. with a heavy-duty utility knife or small-toothed saw.
- Adjacent panels are typically butted together.
- As substrate soil loads are typically shallow, lightweight and made up primarily of mineral soil, the retention cups of FD25 are typically not filled with mineral soil.