Product Information

Floradrain® FD 60

Technical Data

Floradrain® FD 60
Drainage and water storage element of thermoformed recycled hard plastic.

Material: ABS (Acrylonitrile-Butadiene Styrene)
Colour: black
Height: ca. 60 mm
Weight: ca. 2.30 kg/m²

Water storage capacity
with Zincolit® Plus infill: ca. 10 l/m²
Filling volume: ca. 27 l/m²

Compressive strength at 10% compression:
without filling: ca. 19 kN/m²
with filling: ca. 75 kN/m²

In-plane water flow capacity (EN ISO 12958):
roof slope 1 %: ca. 1.4 l/(s·m)
roof slope 2 %: ca. 2.0 l/(s·m)
roof slope 3 %: ca. 2.5 l/(s·m)

Dimensions: ca. 1.00 m x 2.00 m

Features

• spacious channel system for ventilation and drainage
• especially high water storage
• irrigation by diffusion and capillary action
• potential for roof dam irrigation up to 40 mm
• light weight
• resistance to high mechanical strain
• usable as shuttering under driveways and foundations

Application Example

“Roof Garden”

Plant layer
(lawn, perennial herbs, bushes)

System Substrate “Roof Garden”
Filter Sheet SF
Floradrain® FD 60 infilled with Zincolit® Plus
Protection Mat ISM 50
Roof construction with root resistant waterproofing

Specification Suggestion

Drainage and water storage element of Acrylonitrile-Butadiene Styrene, height ca. 60 mm, free of chemical softeners, with water storage cells and openings for ventilation and evaporation as well as multi-directional drainage channel system on the underside, in-plane water flow capacity tested according to EN ISO 12958, delivery and installation according to manufacturer’s instructions.

Make: ZinCo Floradrain® FD 60
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Subject to technical alterations and printing errors • First edition 08/1994; Revised 01/2012

Order No. 3060