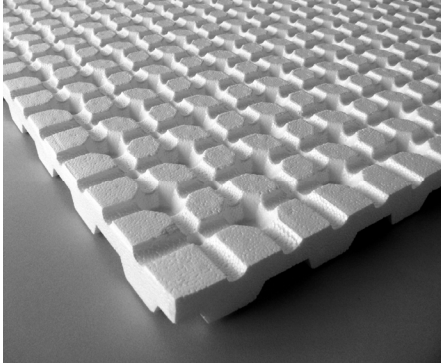


Product Data Sheet

Floraset® FS 50

Order No. 3052



Economic drainage element of expanded polystyrene for the application on extensive green roofs with and without slope and on slightly pitched roofs up to 10°.



www.zinco-greenroof.com/epd

Technical Data

Floraset® FS 50

Drainage element of expanded polystyrene (EPS); produced without CFC's.

Material:	EPS
Colour:	white
Height:	ca. 50 mm
Weight:	ca. 0.6 kg/m ²
Density:	ca. 20 kg/m ³

Water storage capacity
(large studs facing downwards): ca. 3 l/m²

Compressive strength
at 10 % compression: ca. 45 kN/m²

In-plane water flow capacity according to EN ISO 12958:
roof slope 1 %: ca. 0.63 l/(s·m)
roof slope 2 %: ca. 0.92 l/(s·m)

on pitched roofs (large studs facing upwards):
roof slope 10 %: ca. 2.11 l/(s·m)

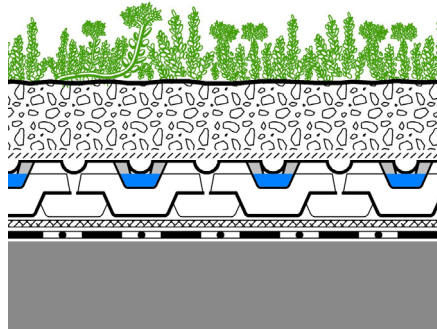
Dimensions: ca. 1.00 m x 1.00 m

Features

- useable for 0°-roofs and mono pitched roof with a slope of up to 10°.
- above the German Standard DIN 4095
- walkable
- low weight
- economic
- biologically neutral
- quick and easy installation

Application Example

"Green Roof on 0°"



Plant layer "Sedum Carpet"

System Substrate "Sedum Carpet", ca. 60 mm

Filter Sheet SF

Floraset® FS 50

Protection Mat SSM 45

Roof construction with root resistant waterproofing

Specification Suggestion

Drainage and water storage element, made of expanded polystyrene, height ca. 50 mm, with water storage cells and openings for ventilation and diffusion, as well as multi-directional channel system on the underside, compressive strength at 10 % compression ca. 45 kN/m², in-plane

water flow capacity ca. 0.92 l/(s·m) at 2 % roof slope, delivery and installation according to manufacturer's instructions.

Make: ZinCo Floraset® FS 50
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