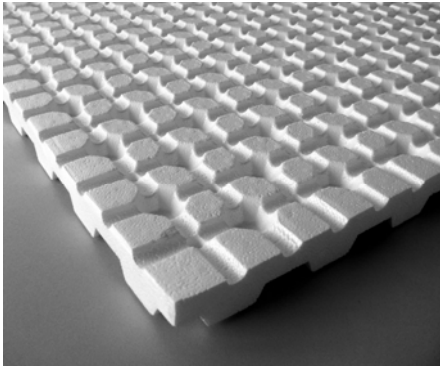


# Product Data Sheet

## Floraset® FS 50

Order No. 3052



Economic drainage element of expanded polystyrene for the application on extensive green roofs with and without slope.

### 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 <sup>2</sup>
Density:	ca. 20 kg/m <sup>3</sup>

Water storage capacity (large studs facing downwards):	ca. 3 l/m <sup>2</sup>
---	------------------------

Compressive strength at 10 % compression:	ca. 45 kN/m <sup>2</sup>
--	--------------------------

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)
roof slope 10 %:	ca. 2.11 l/(s·m)

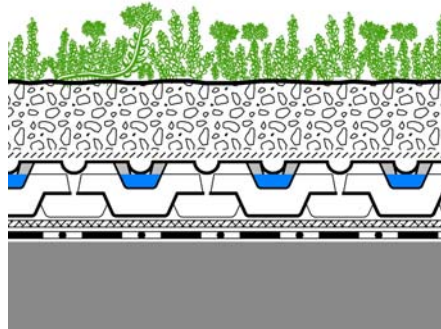
Dimensions:	ca. 1.00 m x 1.00 m
-------------	---------------------

### Features

- useable for 0°-roofs a 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/m<sup>2</sup>, 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  
Enquiries: ZinCo GmbH,  
Phone: +49 7022 6003-0