

# Product Data Sheet

## Protection Mat SSM 45

Order No. 2045



Water and nutrient storage mat of synthetic fibres, for the application as a protection layer under green roofs, gravel fills, slab pavings, etc.



### Technical Data

#### Protection Mat SSM 45

High quality fibre mat made of polyester/polypropylene.

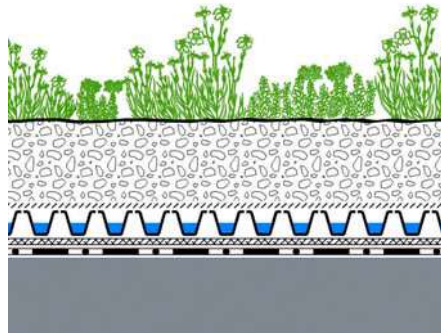
Thickness:	ca. 5 mm
Weight:	ca. 470 g/m <sup>2</sup>
Colour:	brown mottled
Water storage capacity:	ca. 5 l/m <sup>2</sup>
Protection efficiency according to EN ISO 13428:	Residual thickness ≥ 25 %
Tensile strength according to EN ISO 10319:	> 5.5 kN/m
Extension lengthwise:	> 75 %
Penetration force according to EN ISO 12236:	> 2000 N
Strength class:	3
Dimensions:	
Roll width:	ca. 2.00 m
Roll length:	ca. 50.00 m

### Features

- resistant to mechanical stress
- with proven protective effect according to European Standard EN ISO 13428
- water and nutrient storage
- non-rotting
- biologically neutral
- bitumen and polystyrene compatible
- made of recycled fibres
- quick and easy installation

### Application Example

“Extensive Green Roof Type Rockery Type Plants according to ETA-13/0668”



Plant layer  
e. g. “Rockery Type Plants”

System Substrate “Rockery Type Plants”

Filter Sheet SF  
Floradrain® FD 25-E  
**Protection Mat SSM 45**  
Roof construction with  
root resistant waterproofing

### Specification Suggestion

High quality, non-rotting synthetic fibre mat with proven protective effect according to European Standard EN ISO 13428, thickness ca. 5 mm, weight ca. 470 g/m<sup>2</sup>, strength class 3, delivery and installation according to manufacturer’s instructions

as a Protection layer against mechanical impact on top of the waterproofing.

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