

# Product Data Sheet

## Protection Mat SSM 45



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

### Technical Data

EDP No. 2046

#### Protection Mat SSM 45

High quality recycled fiber mat made of polyester/polypropylene.

Color:	brown mottled	
Thickness:	ca. 0.2 in.	(ca. 5 mm)
Weight:	ca. 0.1 lbs/sq. ft.	(ca. 470 g/m <sup>2</sup> )
Water retention capacity:	ca. 0.12 gal/sq. ft.	(ca. 5 l/m <sup>2</sup> )
Strength class:	3	
Protection efficiency according to EN ISO 13428:	Residual thickness ≥ 40 %	
Tensile strength lengthwise:	> 31.4 lbs/in.	(> 5.5 kN/m)
Extension lengthwise:	> 75 %	
Dimensions:	ca. 6.6 ft. x 32.8 ft.	(ca. 2.00 m x 10.00 m)
	ca. 215 sq. ft. (ca. 20 m <sup>2</sup> ), folded	

### Features

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

### Installation Instructions

Install the Protection Mat SSM 45 above a waterproofing or root barrier with an overlap of 4 inch. The protection mat has to be taken above the Growing Media along edges and at roof penetrations. Cut the protection mat in situ at roof penetrations. Consider an

allowance for overlap and wastage of ca. 10–15 %. Protection Mat SSM 45 is, included, but not limited to, to be installed according to manufacturer's instructions, not exposed to UV-light, completely covered. Call manufacturer for further options.

### Health and Safety

This product does not require a material safety data sheet (MSDS) according to the OSHA Hazard Communication Standard (29 CFR 1910.1200). When used as recommended or under ordinary

conditions, it should not present a health and safety hazard. However, an MSDS can be provided as a courtesy in response to a customer request.

