

# Product Data Sheet

## Protection Mat SSM 45



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

### Technical Data

EDP No. 21204500

#### Protection Mat SSM 45

High quality, UV stabilized, fiber mat made of polypropylene, with fleece backing.

<b>Color:</b>	black	
<b>Thickness:</b>	ca. 0.15 in.	(ca. 3.8 mm)
<b>Weight:</b>	ca. 0.11 lbs/sq. ft.	(ca. 543 g/m <sup>2</sup> )
<b>CBR puncture</b> (according to ASTM D6241)	ca. 1050 lbs	(ca. 4671 N)
<b>Grab Tensile Strength</b> (according to ASTM D4632)	ca. 380 lbs	(ca. 1690 N)
<b>Elongation</b> (according to ASTM D4632)	50 %	
<b>Apparent Opening Size (AOS)</b> (according to ASTM D4751)	ca. 100 US Sieve	(ca. 0.150 mm)
<b>Water Flow Rate</b> (according to ASTM D4491)	ca. 50 gpm/sq. ft.	(ca. 2037 l/min/m <sup>2</sup> )
<b>Water retention capacity:</b>	ca. 0.1 gal/sq. ft.	(ca. 4 l/m <sup>2</sup> )
<b>Dimensions:</b> EDP No. 21204500	ca. 7.5 ft. x 150.0 ft.	(ca. 2.29 m x 45.72 m)

### Features

- resistant to mechanical stress
- high quality protection layer
- water and nutrient retention
- non-rotting
- biologically neutral
- bitumen and polystyrene compatible
- 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.

