

# Product Data Sheet

## Protection Mat TSM 32

Order No.2032



Synthetic fibre mat, for application as separation and protection layer under gravel fills or extensive green roof build-ups.



### Technical Data

#### Protection Mat TSM 32

Non-rotting synthetic fibre mat of polyester.

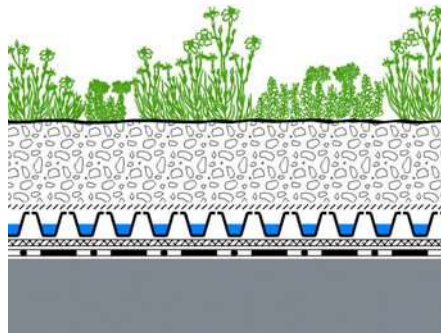
Thickness:	ca. 3 mm	
Weight:	ca. 350 g/m <sup>2</sup>	
Colour:	grey	
Water storage capacity:	ca. 3 l/m <sup>2</sup>	
Protection efficiency according to EN ISO 13428:	Residual thickness ≥ 20 %	
Penetration force according to EN ISO 12236:	> 2000 N	
Strength class:	3	
Melting point:	260 °C	
Dimensions:		
Roll width:	ca. 2.00 m	Order No. 2032
Roll length:	ca. 50.00 m	Order No. 42035
	ca. 10.00 m	

### Features

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

### 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 TSM 32**  
Roof construction with root resistant waterproofing

### Specification Suggestion

Separation and protection layer of non-rotting synthetic fibres with proven protective effect according to European Standard EN ISO 13428, weight ca. 350 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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