

Product Data Sheet

Protection Mat ISM 50

Order No. 2050



Synthetic fibre mat, highly resistant to mechanical stress; for use as protection layer under intensive green roofs, walkways and driveways etc.



Technical Data

Protection Mat ISM 50

High-quality fibre mat of polypropylene with needled carrier and rubber backing.

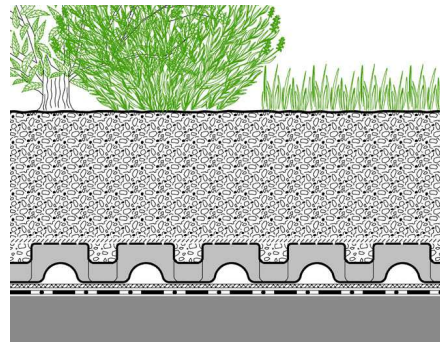
Thickness:	ca. 6 mm
Weight:	ca. 850 g/m ²
Water storage capacity:	ca. 4 l/m ²
Improves footstep sound insulation (with concrete slabs in gravel bedding):	delta L _{w,R} = 25 dB
Penetration force according to EN ISO 12236:	> 4000 N
Strength class:	5
Dimensions:	
Roll width:	ca. 2.00 m
Roll length:	ca. 25.00 m

Features

- highly resistant to mechanical stress
- protection layer meets German Standard DIN 18195, Part 5
- bitumen and polystyrene compatible
- non-rotting
- footstep sound insulation
- water and nutrient storage
- made of recycled fibres
- rubber backing may be used with adhesives

Application Example

"Intensive Green Roof"



Plant layer (e. g. perennials and shrubs)

System Substrate "Roof Garden"

Filter Sheet SF
Floradrain® FD 60, infilled with Zincolit® Plus
Protection Mat ISM 50
Roof construction with root resistant waterproofing

Specification Suggestion

High quality, non-rotting synthetic fibre mat as water and nutrient storage and mechanical protection layer according to German Standard DIN 18195, Part 5; rubber backing, thickness ca. 6 mm, weight ca. 850 g/m², penetration forces according to Standards EN ISO 12236

> 4000 N, delivery and installation according to manufacturer's instructions.

Make: ZinCo Protection Mat ISM 50
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