

# OPTIGRÜN NET

## Anti-Slip System N

Optigrün Anti-Slip System N as an anti-slip system on pitched roofs with 15° - 45° roof pitch for shear erosion over the ridge or in combination with a fastening profile.



<b>Material</b>	Net: PET rope with protective cover Anti-Slip sill: ABS hard plastic
<b>Dimensions</b>	Height: 60 mm Length: 600 mm
<b>Colour</b>	Black
<b>Tensile strength of net</b>	55 kN/m
<b>Requirement perpendicular to the flow direction</b>	RP up to 20° = 1.4 sills/m <sup>2</sup> 21°-25° = 2.8 sills/m <sup>2</sup> 26°-35° = 4.2 sills/m <sup>2</sup> 36°-45° = 5.6 sills/m <sup>2</sup>
<b>Sill spacing</b>	RP up to 20° = 1,000 mm RP 21°-25° = 500 mm RP 26°-35° = 330 mm RP 36°-45° = 250 mm
<b>Accessories</b>	- Fastening profile to attach net in the roof area (clamping of the net withstands shear force up to 5 kN/m) - Securing pins to secure the vegetation mat to the anti-slip sill
<b>Quantity/delivered unit</b>	130 m <sup>2</sup> /roll net (2.6 x 50 m) 40 pieces/cardboard box anti-slip sills 12 cardboard boxes/pallet anti-slip sills
<b>Delivery form</b>	According to size of order by parcel shipment or on euro pallets by forwarding agent
<b>Pack size</b>	Net 2.6 m length Ø 300 mm anti-slip sill 800 x 400 x 350 mm/cardboard box
<b>Delivery weight</b>	Net 60.0 kg/roll anti-slip sill 0.3 kg/piece Anti-slip sill 12.0 kg/cardboard box Anti-slip sill 180.0 kg/pallet

### Area of use

- As an anti-slip system on pitched roofs with 15° - 45° roof pitch for shear erosion over the ridge or in combination with a fastening profile.
- Property-related calculation of the shear forces that occur for measurement of the max. usable loads and net lengths essential.

### Specific properties

- Tensile strength of net: 55 kN/m
- Requirement of sills perpendicular to the flow direction RP up to 20° = 1.4 sills/m<sup>2</sup>  
21°-25° = 2.8 sills/m<sup>2</sup>  
26°-35° = 4.2 sills/m<sup>2</sup>  
36°-45° = 5.6 sills/m<sup>2</sup>
- Sill spacing up to  
RP 20° = 1,000 mm  
RP 21°-25° = 500 mm  
RP 26°-35° = 330 mm  
RP 36°-45° = 250 mm
- Material is not permanently UV stable. Material must be covered with substrate immediately after installation. No permanent outdoor storage.

The preceding details are guideline values established under laboratory conditions. These values are subject to a certain manufacturing tolerance. The data contained in this product information sheet represents Optigrün's technical knowledge at the time of publication. Optigrün reserves the right to change and update details in accordance with new insights and to modify specified properties accordingly. No liability accepted for misprints.

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