

Data Sheet

Anti-Slip System Type N

Anti-slip system with plastic netting and sills for pitched green roofs with inclines from 15° to 45°



Technical details and properties:

Material:

Netting: PET fibre with protective coating

Sills: ABS rigid plastic

Height:

60 mm

Sill element length:

725 mm

Colour:

Black

Specific properties:

- Tensile strength of netting: 55 kN/m
- Number of sills required cross-wise to direction of flow = 1.4 sills per metre
- Sill spacing in relation to roof pitch:

up to 20°	1000 mm
21 – 25°	500 mm
26 – 35°	330 mm
36 – 45°	250 mm

Accessories

- Combination bearing profile for fastening the netting to the roof (tensile strength of clamped netting: up to 3 kN/m)
- Fixing pins for fastening the vegetation mat to the sill

Delivery form:

Netting in rolls	Roll width:	2.6 m
	Roll length:	50 m
Sills in boxes		

Quantity per delivery unit:

- 1 roll of netting for 130 m²
- 1 box of sills with 40 units

Storage:

Flat, dry, protected from sunlight during extended storage

Area of use:

- As an anti-slip system on pitched roofs with inclines from 15° to 45°
Shear force transfer via the roof ridge or via the combination bearing profile
- calculation of the occurring shear forces is mandatory to M50 the maximum possible loads and netting lengths

Installation

See Optigreen installation instructions

Note: Combination bearing profiles must be fastened to the roof structure so that they are statically effective and then sealed.

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