

6 fürs GRÜN

- Green Roofs
- Artificial Turf
- Natural Ponds
- Garden Lighting
- Flat Roofing
- Road Construction

Layer Composition



Height
20 cm



Weight
356 kg/m²



Water Retention
—

suitable for walkable areas

Our Green Roof System NE 10 – The Walkable Solution



- 1 Top layer: Concrete paving stones 6 cm
- 2 Bedding: Chippings (0/4), application height 3 cm
- 3 Base layer: Crushed stones (0/32), application height 10 cm
- 4 Drainage: NE 10 V, drainage with geotextile
- 5 Separation, sliding and protection layer: TGL 550, GRK 5

The system NE 10 – for walkable areas on green roofs and for patios
NE 10 – The Walkable Solution – is excellent in use as drainage under patios and balconies. It is as well the ideal solution under all kind of walkable areas on green roofs and other pavements that require a drainage underneath.

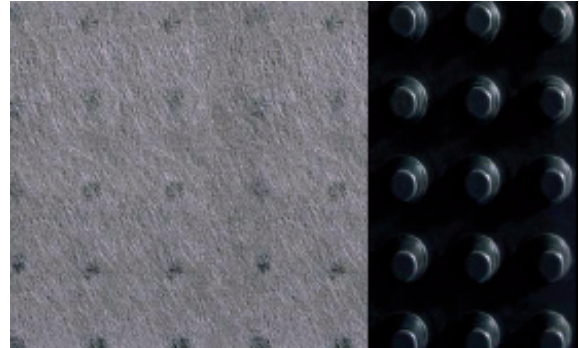
Drainage NE 10 V with Geotextile

The drainage NE 10 V is made of dimpled PE-HD membrane with a laminated filter layer on top. Due to a crush resistance of up to 420 kN/m² it is highly versatile for example as drainage under patios and pavements. With an appropriate overfill it is as well suitable as drainage under vehicle accessible areas. Depending on the set-up of the layers, an impact sound reduction of up to 33 dB can be achieved.

The drainage NE 10 V with filter layer is harmless to drinking water, chemically neutral, root resistant, rot-proof and resistant to mould and bacteria.

Application

- as drainage on roofs with a pitch
- as drainage under roof patios
- as drainage under walkable areas
- with appropriate overfill as drainage under vehicle accessible areas
- for roofs with a pitch of $\geq 0^\circ$



Data

| Subject | Unit | NE 10 V |
|--|---------------------|----------------------------|
| Raw material membrane | --- | PE-HD |
| Raw material geotextile | --- | PP |
| Weight membrane | | 600 |
| Weight geotextile | g/m ² | 136 |
| Total weight | | 740 |
| Colour membrane | --- | black |
| Colour geotextile | --- | silver grey |
| Height of dimples | mm | 10 |
| Quantity of dimples | pro m ² | 3 364 |
| Drainage capacity (according to EN ISO 12958, i=1) | l/ms | 3.5 |
| Opening size geotextile (according to EN ISO 11058) | 10 ³ m/s | 50 |
| Crush resistance (according EN ISO 25619-2) | kN/m ² | 420 (42 t/m ²) |
| Temperature resistance | °C | -40 up to + 80 |
| Impact sound reduction | db | up to 33 |

Dimensions

| Subject | Unit | NE 10 V |
|-----------------------|----------------|---------|
| Length | m | 12.5 |
| Width | m | 2 |
| m ² / roll | m ² | 25 |
| Weight / roll | kg | 18.5 |

* All values are average values. Technical changes remain reserving.

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