

6 fürs GRÜN

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

Layer Composition



Height
8 cm



Weight
95 - 127 kg/m²*



Water Retention
21 - 36 l/m²*

* depending on substrate utilised

Our Green Roof System

NE 20 V - The very Speedy Solution



- 1 Planting: Sedum cuttings
- 2 Growing medium: Extensive substrate Hydrotop-E, application height 6 cm
- 3 Drainage und water storage board: NE 20 V with laminated Filtering layer PP 136 g/m² GRK 2
- 4 Protection layer: Geotextile Standard PES/PP 300 g/m²

The system NE 20 V – The very Speedy Solution – our system for beautiful extensive green roofs and a very quick installation! With a size of 25 m² and a laminated filter layer on top the rolls of NE 20 V are extremely speedily laid out. NE 20 V allows to bridge puddles up to a height of 20 mm on flat roofs.

Drainage and Water Storage Board NE 20 V

NE 20 V is made of a HDPE drainage and water storage board and a laminated PP filter layer on top. The NE 20 V boards are crush resistant up to 240 kN/m². They are chemically neutral, rot-proof and resistant to moulds and algae.

Application

- Drainage and water storage element for extensive green roofs
- Water diversion in tunnel construction
- Diversion of percolation and ground water
- Also applicable for inverted roofs
- For extensive green roofs with a pitch of $\geq 0^\circ$



Data Sheet

Subject	Unit	NE 20 V
Raw Material Drainage Layer Raw Material Filter Layer	---	HDPE PP
Weight (Tolerance +/-10%)	g/m ²	1140
Colour of Drainage Layer Colour of Filter Layer	---	black grey
Height	mm	20
Crush Resistance unfilled (according DIN EN ISO 25619-2)	kN/m ²	240
Temperature Resistance	°C	-40 bis +80
Water Storage Capacity (unfilled)	l/m ²	6.0
Drainage Capacity (i=1) hard/hard (DIN EN ISO 12958 : 1999) on 20 kPa load	l/sm	10.61

Data: certificated concerning ISO 9001; technical data are liable to a constant outside control according DIN 18200

Dimensions

Subject	Unit	NE 20 V
Length	m	12.50
Width	m	2.00
m ² / Roll	m ²	25.00
Weight / Roll	kg	28.50

*all values are average results; technical changes remain reserving.

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