

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 - The Speedy Solution



- 1 Planting: Sedum cuttings
- 2 Growing medium: Extensive substrate Hydrotop-E, application height 6 cm
- 3 Filtering layer: Quality fleece PP 100 g/m², GRK 2
- 4 Drainage and water storage board: NE 20
- 5 Protection layer: Geotextile Standard PES/PP 300 g/m²

The system NE 20 - The Speedy Solution - our system for beautiful extensive green roofs and a quick installation! With a size of 2.88 m² the boards of NE 20 are quickly laid out. NE 20 allows to bridge puddles up to a height of 20 mm on flat roofs.

Drainage and Water Storage Board NE 20

NE 20 is made of HDPE. It is 20 mm high. The NE 20 boards are crush resistant up to 240 kN/m². They are chemically neutral, rot-proof and resistant to moulds and algae. The fire behaviour meets the requirements of fire protection classification B 2 in accordance with DIN 4102.

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
Raw Material	---	HDPE
Weight (Tolerance +/-10%)	g/m ²	1000
Colour	---	black
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 on 20 kPa load (DIN EN ISO 12958 : 1999)	l/sm	10.61
Fire Protection Classification (acc. DIN 4102)	---	B2

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

Dimensions

Subject	Unit	NE 20
Length	m	2.40
Width	m	1.20
m ² / Board	m ²	2.88
Weight / Board	kg	2.88

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

07/2020