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fürs
GRÜN

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

Our Green Roof System

NE 60 - The multi-purpose solution



- 1 Plants: trees, bushes, grass, herbs, perennials
- 2 Growing medium: Hydrotop-I Intensive Substrate
- 3 Filtering layer: Quality Fleece PP 200 g/m², GRK 3
- 4 Drainage and water storage board: NE 60D
- 5 Standard PES/PP 800 g/m² protective geotextile

The system NE 60 – The multi-purpose solution – our system for versatile intensive green roofs. Trees, shrubs, perennials or herbs - with the system NE 60 you can let your imagination run wild and you have free choice among all kinds of plantation.

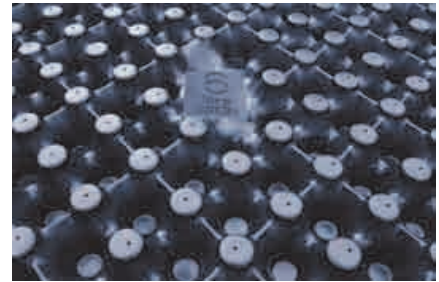
Drainage and Water Storage Board NE 60D

The drainage and water storage element NE 60D guarantees drainage according to DIN 4095. It has a filling volume of up to 24.3 l/m².

NE 60D is made of recycling polystyrene. It is 60 mm high and stores up to 17.7 l/m² of water. It is chemically neutral, rotproof and resistant to mould and bacteria. The microbiological resistance corresponds to DIN EN 12225.

Application

- Drainage and water storage board for intensive green roofs
- With an appropriate overfill also applicable as drainage under vehicle accessible areas
- Also applicable for inverted roofs
- For intensive green roofs with a pitch of $\geq 0^\circ$



Data Sheet

Subject	Unit	NE 60D
Raw Material	---	Recycling-Polystyrene
Weight	g/m ²	1920
Colour	---	black
Height	mm	60
Crush Resistance with 5 cm Overfill (EN ISO 25619-2 06.2009)	kN/m ²	1000
Crush Resistance (without Filling) (EN ISO 25619-2 06.2009)	kN/m ²	115.8
Filling Volume	l/m ²	24.3
Water Storage Capacity (without Filling)	l/m ²	17.7
Drainage Capacity on 20 kPa Load (rigid/rigid) (EN ISO 12958: 2010-04)	(i = 1) l/ms (i = 1%) l/ms (i = 2%) l/ms	26.09 2.22 3.03
Fire Protection Classification (DIN 4102)	---	B2

0799-CPR-53

Dimensions

Subject	Unit	NE 60D
Length	m	1.88
Width	m	0.90
m ² / Board	m ²	1.69
Weight / Board	kg	3.25

All values are average results; technical changes remain reserving.

04/2016