

# 6

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/m<sup>2</sup>, GRK 3
- 4 Drainage and water storage board: NE 60D
- 5 Standard PES/PP 800 g/m<sup>2</sup> 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.

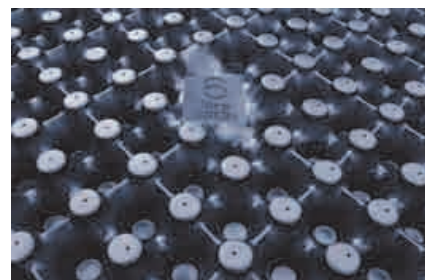
# Drainage and Water Storage Board NE 60D

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/m<sup>2</sup>.

NE 60D is made of recycling polystyrene. It is 60 mm high and stores up to 17.7 l/m<sup>2</sup> 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 <sup>2</sup>	1920
Colour	---	black
Height	mm	60
Crush Resistance with 5 cm Overfill (EN ISO 25619-2 06.2009)	kN/m <sup>2</sup>	1000
Crush Resistance (without Filling) (EN ISO 25619-2 06.2009)	kN/m <sup>2</sup>	115.8
Filling Volume	l/m <sup>2</sup>	24.3
Water Storage Capacity (without Filling)	l/m <sup>2</sup>	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 CE

## Dimensions

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

All values are average results; technical changes remain reserving.

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