

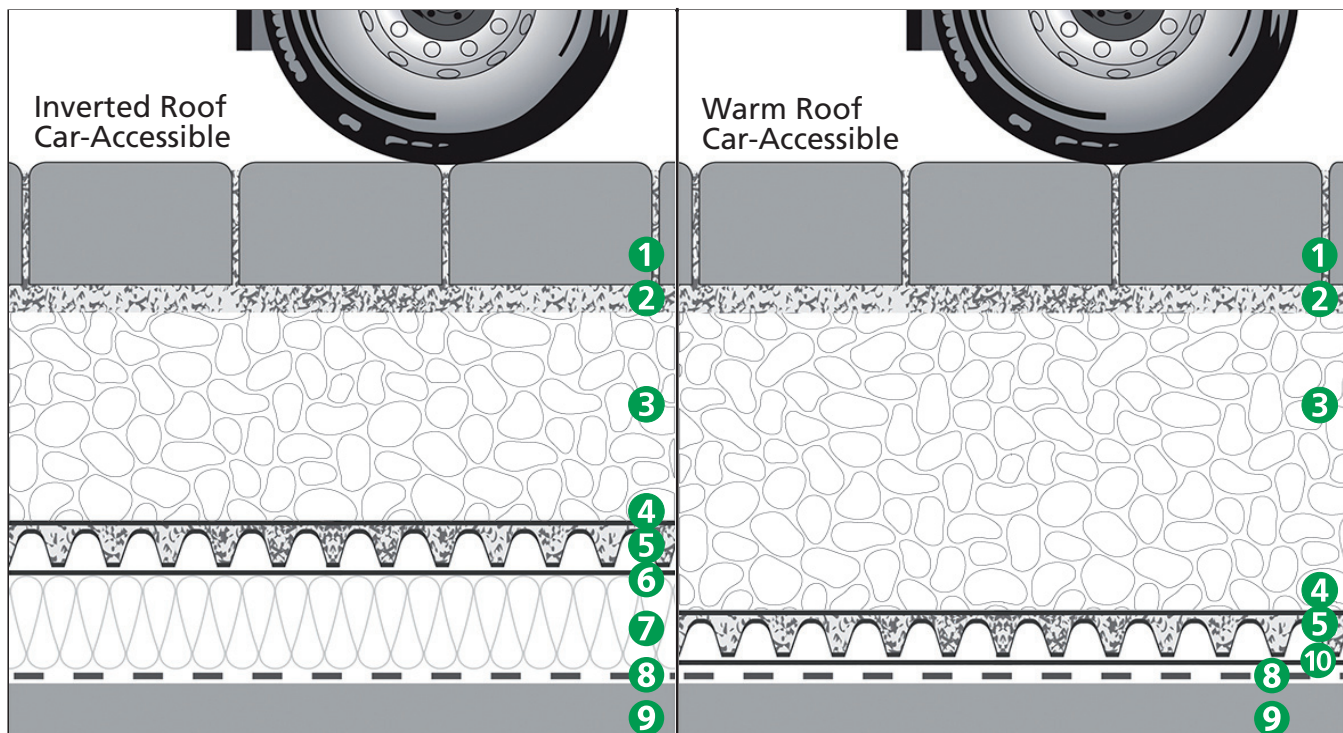
# 6 fürs GRÜN

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



## Our Green Roof System

# WE 25/15 - The Pressure-Resistant Solution For Car-Accessible Roofs



- 1 Top layer: Concrete paving stones (at least 8 cm)
- 2 Bedding: Chippings (0/4), application height 3 cm
- 3 Base layer: Crushed stones (0/32), application height compacted 12 cm
- 4 Separation and filter layer: Quality fleece PP 150 g/m<sup>2</sup>, GRK 3
- 5 Drainage: WE 25/15 – The Pressure-Resistant Solution, filled with chippings (2/8)
- 6 Separation layer: Quality fleece PP 150 g/m<sup>2</sup>, GRK 3
- 7 Insulation: Thermal insulation, pressure-resistant
- 8 Sliding layer: Construction foil PE-LD 0.2 mm (Inverted roof two layers, warm roof one layer)
- 9 Supporting structure including waterproofing
- 10 Separation, sliding and protection layer: TGL 550, GRK 5

**Recommendation of a system for car-accessible inverted and warm roofs  
(SWL 30 = axle weight rating 10 to or vehicles with a total weight of 30 to)**

# Drainage Board WE 25/15 for Car-Accessible Roofs

The drainage board WE 25/15 is made of high impact polystyrene. With infill WE 25/15 shows a crush resistance of 775 kN/m<sup>2</sup>. Due to this fact WE 25/15 is also suitable for installation on car-accessible roofs.

The three-level drainage system with integrated branch drains cares for a high drainage capacity under the build-up.

## Application

- With infill as drainage board under flagging
- With an appropriate overfill also applicable as drainage under vehicle-accessible areas
- Also applicable for inverted roofs
- Suitable for roofs with a pitch of  $\geq 0^\circ$



## Data Sheet

Subject	Unit	Tolerance	WE 25/15
Raw material	---	---	Recycling-Polystyrene (high impact)
Weight	gr/m <sup>2</sup>	$\pm 100$	1360
Colour	---	---	black
Height	mm	$\pm 2$	25
Crush resistance unfilled (EN ISO 25619)	kN/m <sup>2</sup>	$\pm 40$	398
Crush resistance with infill on 8 % compression (EN ISO 25619)	kN/m <sup>2</sup>	$\pm 80$	775
Maximum crush resistance (EN ISO 25619)	kN/m <sup>2</sup>	$\pm 80$	3741
Filling volume	l/m <sup>2</sup>	$\pm$	15
Drainage capacity (EN ISO 12958)			
on 1 % incline	l/m·s	- 0.05	0.64
on 2 % incline	l/m·s	- 0.05	0.94
Overlap	%	---	2
Storage	protected against UV radiation; has to be covered within 24 hours after installation		

1213-CPR-7716 CE

## Dimensions

Subject	Unit	Tolerance	WE 25/15
Length	m	$\pm 0.01$	1.995
Width	m	$\pm 0.01$	1.003
m <sup>2</sup> /board	m <sup>2</sup>	$\pm 0.03$	2.000
Weight/board	kg	$\pm 0.2$	2.72

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

12/2023