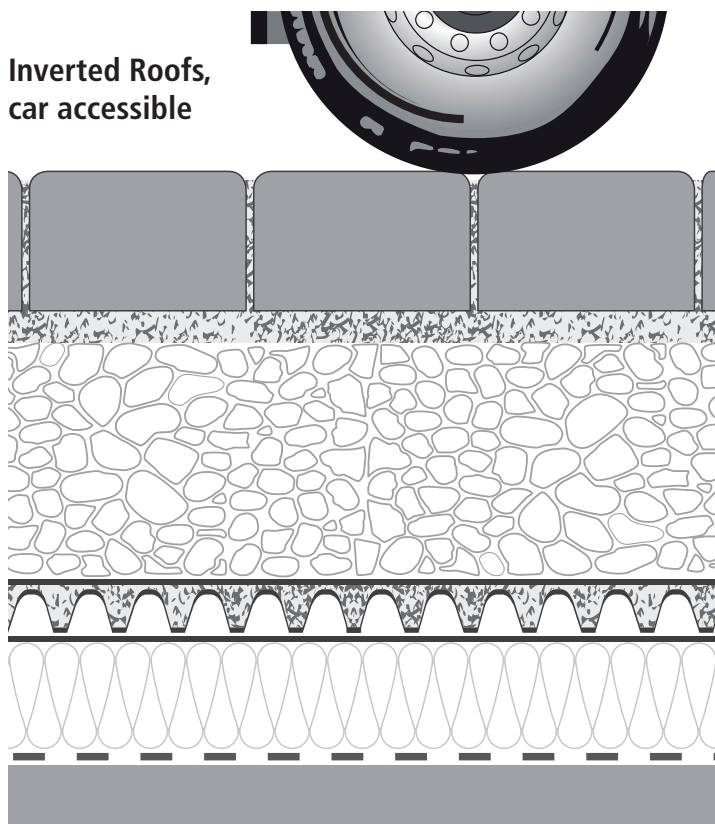


# Drainage and Water Storage Board WE25

6  
fürs  
GRÜN

System Recommendation for Car accessible Inverted Roofs  
(SLW 30 = Gross axle weight rating of 10 tons or gross vehicle weight of 30 tons)

## Inverted Roofs, car accessible



- ..... Paving (Thickness min. 10 cm)
- ..... Bedding layer: Stone shippings 0/4 (Thickness 3 - 5 cm)
- ..... Gravel Base layer: Crushed stones 0/32, (min. 15 cm), compacted
- ..... Quality Fleece PP type TGV+, 150 g/m<sup>2</sup>, GRK 3 as filter layer
- ..... WE 25, The pressure-resistant, filled with Stone Shipping 2/8
- ..... Quality Fleece PP 150 TGV+, 150 g/m<sup>2</sup>, GRK 3 as separation layer
- ..... Thermal insulation pressure resistant
- ..... Slip sheet, 2 layers, PE-LD 0,2 mm
- ..... Stable roof construction with waterproofing

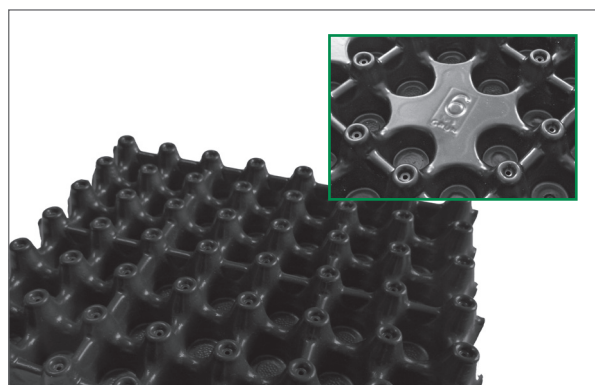
Subject	Unit	WE 25
Material	---	Recycling-Polystyrene (high impact)
Weight	gr/m <sup>2</sup>	1360
Colour	---	black
Height	mm	25.0
Max. Crush Resistance without infill (EN ISO 25619-2; 2009-06)	kN/m <sup>2</sup>	322.0
Crush Resistance with infill (EN ISO 25619-2; 2009-06)	kN/m <sup>2</sup>	478.7
Filling volume	l/m <sup>2</sup>	13.5
Water storage capacity (without infill)	l/m <sup>2</sup>	11.8
Drainage capacity on 20 kPa load soft/rigid	l/m·s	
(DIN EN ISO 12598: 2010-08)		
on i = 1		4.117
on 2 % incline		0.572
on 3 % incline		0.705
on 5 % incline		0.909
Fire protection classification (EN13501-5)	---	B <sub>ROOF</sub> (t2)
Microbiological Resistance (DIN EN 12225)	---	yes
Discharge coefficient C (ψ) on a roof with a pitch of 2 % and with 10 cm substrate	according FLL (2008)	0.29
Dimensions	m	2.02 x 1.10

### SUGGESTION FOR A TENDER:

Drainage board made of high impact polystyrene, height 25 mm, with lowered vents in order to ensure a long-lasting unobstructed evaporation, also applicable for car accessible inverted roofs, max. crush resistance with infill 479 kN/m<sup>2</sup>, drainage capacity according to DIN EN ISO 12958 on 2 % incline 0,57 l/m·s, micro-biological resistance according to DIN EN 12225, fire protection classification „B<sub>ROOF</sub> (t2) according to EN 13501-5, to supply and to install according to manufacturer's instructions.

Product: 6 fürs Grün WE 25

Supplier: 6 fürs Grün GmbH, [www.6-f-g.de](http://www.6-f-g.de)



Technical changes remain reserving.

10/2015