

SedumDrain® 25 drainage board

Part No.: 1200



Application area

SedumDrain® 25 is a highly versatile, multi-functional 25 mm drainage board. SedumDrain® 25 boards are very popular among contractors in Europe and overseas because they are very sturdy, lightweight, and easy to install in a green roof build-up. SedumDrain® 25 are outstanding water reservoir and drainage boards on green roofs. SedumDrain® 25 have been installed on LEED Platinum and BREEAM outstanding award-winning green roofs.

Benefits

- ☑ stores more than 10 litres of water per square metre
- ☑ excellent drainage and ventilation properties
- ☑ exceptionally high compressive strength
- ☑ when filled with crushed brick can be installed under wooden decks, paving slabs, walkways, and driveways
- ☑ environmentally conscious production technology according to ISO14001
- ☑ made of recycled polystyrene

Technical data

Material	100% recycled polystyrene
Method of production	Thermoformed on both sides
Height / Width / Length	25 / 960 / 1915 mm
Area of board	1.838 m ²
Weight per unit area	1.36 kg/m ²
Water retention capacity	10.1 l/m ²
Filling volume (filled with substrate)	12.2 l/m ²
Max. compressive strength	
empty	347 kN/m ²
infilled: 4-8 mm gravel	> 500 kN/m ²
(EN ISO 25619-2:2009)	
Horizontal water discharge capacity	
i=0,020 (2% fall)	1.40 l/m·s
i=0,030 (3% fall)	1.85 l/m·s
i=1	15.38 l/m·s
(EN ISO 12958, at 20 kPa)	
Rate of drainage through perforation (under 5 mm permanent water press.)	0.092 l/m ² ·s
Colour	Black
CE marking	Affixed
Packaging unit	555 m ² / pallet (302 boards)



Specification suggestion

ArchiGreen® SedumDrain® 25 is a CE-marked, double-sided, water reservoir and drainage layer with high load-bearing capacity made of recycled high impact polystyrene. Diffusion openings cover the entire surface of one side. This layer provides the necessary aeration and durability of green roofs in the long run. Retention capacity: (water) 10.1 l/m² (crushed brick infill) 12.2 l/m²; compressive strength EN ISO 25619-2:2009: 347 kN/m²; water discharge capacity at i=0.03 (3%) EN ISO 12958/2010: 1.85 l/m·s; surface weight: 1.36 kg/m²; board size: 1915x960x25 mm; laid by overlapping 1-2 corrugations.

Installation example

