

Bauder Drainage and Storage Element DSE 60

Technical Data Sheet

Application area	Pressure resistant drainage and storage panel for roof greening and traffic areas
Article number	7468 0060

Characteristic	Unit	Value
Material		HDPE, black
Weight	kg/m ²	2
Thickness	mm	2
Height of neps	mm	60
Water storage capacity	l/m ²	17
Volume	l/m ²	33
Seating surface underside	%	46
Water drainage capacity in the plain according DIN EN ISO 12958, load 20 kPa		
Hydraulic gradient		
i = 0.01 (slope 1 %)	l/(m·s)	0.85
i = 0.02 (slope 2 %)	l/(m·s)	1.24
Measurements	m	1.0 x 2.0
Packaging unit		Board of 2 m ²

Installation details

Green areas

Drainage and reservoir panel DSE 60 is laid loose on the protection layer with an overlapping of 2-3 cm and filled with mineral drain. Cover with filter fleece.

Walkable traffic areas

Drainage and reservoir panel DSE 60 is laid loose on the protection layer with an overlapping of 2-3 cm and filled with grit 2/5 mm. Recommended layer thickness: 3-5 cm above top edge of DSE 60.

Car-trafficable area

Drainage and reservoir panel DSE 60 is laid loose on the protection layer with an overlapping of 2-3 cm and filled with drainage concrete. Minimum layer thickness of drainage concrete: 15 cm above top edge of DSE 60.

For higher demands fill in concrete according to details given by structural designer in relation to loads.