

Technical data sheet

BauderGREEN DSE 20/1

drainage board



17/03/2025

Product description	Moulded HDPE 20mm drainage board	
Application fields	Interlocking, loose laid, water storage and multi directional drainage board for hard and soft landscaping. Can be filled with aggregate (such as BauderGREEN SUB-MB UK) to improve the compressive strength of the product.	
Colour	Black	
Article number	7468 0025	

Characteristic	Unit	Value
Material	-	100% recycled HDPE, black
Water storage capacity	l/m ²	7.2
Weight	g/m ²	1000
Initial thickness of material	mm	1.00
Size	m	1.06x2.36
Height of cells	mm	20
Volume	l/m ²	10.5
Lower surface contact area	%	37
Delivery form	-	board of 2.5m ²
Compressive strength	kPa	219 (EN ISO 25619-2)
Compressive strength - filled with grit 2/5	kPa	>500 (EN ISO 25619-2)

Installation guidance

Refer to the Bauder Green & Blue Roof Installation Guide.

Draining performance horizontal

hydraulic gradient		longitudinal (Load 20 kPa) (EN 12958)	transversal (Load 20 kPa) (EN 12958)
i = 0.016 (slope 1%)	l/(m·s)	0.54	0.48
i = 0.031 (slope 2%)	l/(m·s)	0.78	0.68

Product storage guidance

The product should be stored out of direct sun light and must not be exposed to temperatures exceeding 35°C. The products must not be exposed to a direct naked flame or other ignition sources, or to solvents or other chemicals covered with a suitable robust UV resistant, flame-retardant tarpaulin. Ensure the product is clear of buildings and any other storage areas. Where there are storage containers on site, these may be suitable for storing products.

Pallet size

400 boards / 1000m²

Packaging material

The product will be delivered on wooden pallets with plastic overwrap to protect the product.

Handling/PPE

All persons using the product should be fully aware of the manual handling methods as roofing materials are

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	heavy and can cause serious injury. When using/handling the product, installers should be provided with, and wear, suitable personal protective equipment.
Shelf life	When stored correctly, the product has no stated shelf life.
Disposal guidance	Waste of the product is not a hazardous substance. Observe local regulations. European Waste Catalogue EWC number 170203 Plastic Mirror Non-hazardous
Recycled Content	100% recycled material
Further information/documents	Current documents such as DoP's (where relevant), brochures, installation guides, etc. can be found by visiting www.bauder.co.uk
Safety Data Sheet	Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK. This product is classed as an article; therefore, this product does not have a requirement for a Safety Data Sheet.