

PRODUCT DATASHEET**Bauder DSE40 Drainage and Water Storage Layer**

Water storage and multi-directional drainage layer. Used on roofs below 5° pitch.

Intended Use

Laid on to the completed waterproofing to provide continuous drainage within hard and soft landscaping. It is primarily used where the load is moderate to high, such as extensive and intensive green roofs. Its compressive strength makes it suitable beneath paving laid on sand/cement or gravel bedding or within planter beds. Normally laid over a protection layer.



PRODUCT INFORMATION AND TECHNICAL PERFORMANCE			
Characteristic	Test method	Unit	Value
Weight (dry)	DIN EN 1848-1	Kg/m ²	1.8
Weight (saturated)		Kg/m ²	15.3
Water Storage		Ltr	13.5
Compressive Strength		N/m ²	80 KN/m ² empty ≥1000 KN/m ² filled
Depth		mm	40
Size		m	1.04 x 2.03
Approx. Coverage		m ²	2

CERTIFICATION AND ENVIRONMENTAL INFORMATION	
International Standards Organisation (ISO)	ISO 9001:2015 Quality Management Certificates EN1271 (UK) and 70499/03-15_e (Germany). ISO 14001:2015 Environmental Management Certificates A10552 (UK) and 70499/03-15_d (Germany). ISO 50001: 2011 Energy Management Certificate 70499/03-15_c
Recycled content	100% recycled high density polyethylene

INSTALLATION GUIDANCE
Normally installed over a protection layer, sheets are laid (open cells up) over entire areas. Interlock by overlap each sheet by one full cup. See Bauder's Green Roof Installation Guide for full details.

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