

## PRODUCT DATA SHEET

# Bauder (FLL Compliant) Extensive/Biodiverse/Intensive Substrate

Lightweight, free draining substrates, designed as a growing medium for a range of different plant species.

### Intended Use

This FLL/GRO compliant substrate provides a free draining, growing medium for green roof systems. It is a lightweight substrate designed for most vegetation (Sedum, Wildflower or Grass blankets, Specimen shrubs and trees, plug-plants or seed). Additionally, it provides aeration qualities with some inherent water retention.



PRODUCT INFORMATION AND TECHNICAL PERFORMANCE				
Characteristic	Unit	Extensive Value	Biodiverse Value	Intensive Value
Maximum saturated weight	kg/m <sup>3</sup>	≤1,200	≤1,200	≤1,250
Typical supply weight	kg/m <sup>3</sup>	c. 900	c. 950	c. 1,000
Water storage	By vol	35%	35%	35%
pH value	-	6 - 8.5	6 - 8.5	6 - 8.5
Bulk bag size	m <sup>3</sup>	1.25	1.25	1.25
Small bag size	Litre	25	25	25
Material	Recycled crushed brick, expanded clay, shale, composted pine bark			

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	≥ 95% recycled material

### UNITED KINGDOM

Bauder Ltd  
 70 Landseer Road, Ipswich, Suffolk IP3 0DH  
 T: +44 (0)1473 257671 E: [info@bauder.co.uk](mailto:info@bauder.co.uk)  
[bauder.co.uk](http://bauder.co.uk)

### IRELAND

Bauder Ltd  
 O'Duffy Centre, Carrickmacross, Co. Monaghan  
 T: +353 (0)42 9692 333 E: [info@bauder.ie](mailto:info@bauder.ie)  
[bauder.ie](http://bauder.ie)

## PRODUCT DATA SHEET

**INSTALLATION GUIDANCE**

Normally installed above a filter fleece and drainage board product. Substrates are raked out to give an even coverage of the required depth after settlement. See Bauder's Green Roof Installation Guide for full details.

Bauder reserves the right to amend information and product specifications without prior notice. All reasonable care has been taken to ensure that all data is current at the time of print, however because Bauder pursues a policy of constant development we recommend ensuring that your copy of this information is current by contacting our Technical Department at [technical@bauder.co.uk](mailto:technical@bauder.co.uk).

Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.

**UNITED KINGDOM**

Bauder Ltd

70 Landseer Road, Ipswich, Suffolk IP3 0DH

T: +44 (0)1473 257671 E: [info@bauder.co.uk](mailto:info@bauder.co.uk)[bauder.co.uk](http://bauder.co.uk)**IRELAND**

Bauder Ltd

O'Duffy Centre, Carrickmacross, Co. Monaghan

T: +353 (0)42 9692 333 E: [info@bauder.ie](mailto:info@bauder.ie)[bauder.ie](http://bauder.ie)