Technical Submission



Document No: 16WS-PAC-TS	o: 16WS-PAC-TS-005			Rev:	01		
Project: 16 Whitfield S	16 Whitfield Street			Project No:	302		
To: Make One Gro	oup			Deter	00/04/2025		
From: Pace Roofing				Date:	09/01/2025		
Approval of the following equipment is required:							
Equipment: Access Hatch				Make: Suresp	Make: Surespan		
Description/ location: Main Roof – Green Areas							
Design team spec refs/ Rev:	Q37						
Design team Drg. Ref/Rev:	47563-01-	0001					
BauderGREEN-SUB-EM-BM-IM-(UK)-Extensive-Biodiverse-Intensive-Substrate-Technical-Data-Sheet							
Equipment Specifying sched	ule	N	6 Build	ers work requirements	s Y		
2 Manufacturers data		Υ		•	ably & installation details N		
3 Design check calculations				kM instructions N			
4 Certified performance levels		Υ	9 List o	List of recommended spares N			
5 QA/ QC Documents		N					
^Compliance	The enclosed documents are specification compliant: Yes ✓/ No □						
Schedule of deviations 2.		nfirmation – SUB-BM UK Biodiverse Substrate to be used.					
N.D. in authoritting this calcuted ag	3.	have not	roviousod	Diamadan	alta dallinami		
N.B in submitting this selected equipment we the total system and its performance against		t the design intent (to			Planned on site delivery: tbc		
be changed dependant on D&B a	nd designe	d projects)			.DC		
MOG Reviewed & Checked							
Name: Signe		Signed:		Date:			
Overall Status of Tech Submission							
Name:		Signed:		Da	te:		
Status A – Proceed no comments							
Status B – Proceed including any comments							
Status C – Do not proceed – re-issue including comments							
Comments							
- Communic							



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TECHNICAL DATA SHEET

BauderGREEN SUB-EM UK extensive

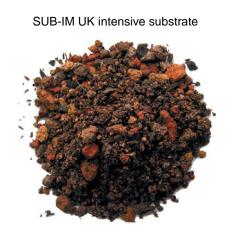
These lightweight, free draining substrates are green roof growing mediums for a broad range of different plant species. Being man-made, they have consistent characteristics that improves reliability in establishment of the vegetation.

Intended Use

These FLL/GRO compliant substrates provide a free draining, growing medium for green roof systems. The lightweight substrates are designed for most vegetation (sedum, wildflower or grass blankets, specimen shrubs and trees, plug plants or seed). Additionally, the substrates provide aeration qualities with some inherent water retention.







PRODUCT INFORMATION AND TECHNICAL PERFORMANCE					
Characteristic	Unit	SUB-EM UK Value	SUB-BM UK Value	SUB-IM UK Value	
Maximum saturated weight	kg/m³	≤1,200	≤1,200	≤1,250	
Typical supply weight	kg/m³	c. 900	c. 950	c. 1,000	
Water storage	by vol	35%	35%	35%	
pH value	рН	6 - 8.5	6 - 8.5	6 - 8.5	
Bulk bag size	m³	1.25	1.25	1.25	
Small bag size	litre	25	25	25	
Material	Recycled crushed brick, expanded clay, shale composted pine bark.				
Recycled content	≥ 95%				



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TECHNICAL DATA SHEET

DELIVERY AND PACKAGING					
Packaging	1.25 m³	Woven polypropylene single use bulk bags delivered on pallets if required.			
	bulk bag				
	25 litre bags	Transparent polypropylene sacks, widely recycled - 40 per pallet			
Storage		Avoid using crane straps prior to lifting to roof			
Delivery method		24 pallets/bulk bags per articulated trailer			
		(There is no recycled content to the packaging)			

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.

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Intended use of this product should be verified with Bauder to ensure suitability and compliance with applicable guidance, regulations, legislations, project requirements, specifications, and installation techniques.