

**29-30 Kings Mews  
London  
WC1N 2JB**


- iii **sections at a scale of 1:20 with manufacturers details demonstrating the construction and materials used and density**

The green roof planting will be in containers and in beds constructed with timber sides containing a Bauder intensive landscape system or similar.

The landscape system enables full landscapes to be created above a waterproof structure. For soft landscapes the intensive substrate is a non-compacting free draining soil allowing practically limitless landscape variations of lawns, shrubs and trees. The system also enables walkways, paving and terraced areas to be built off the same drainage board.

**Photo 2: Proposed Construction : 200mm high timber-sided beds containing Bauder Intensive Landscape System, edged in stone pebbles.**



					Indicative intensive soft landscape system
	Function	Product name	Thickness (mm)	Weight (kg/m <sup>2</sup> )	
1	Vegetation	Specifically selected for each individual roof, from fine lawns to woody shrubs and trees.	Thickness and weight will vary with chosen planting		
2	Growing medium	BauderGREEN SUB-IM UK Intensive substrate	200+	250+	
3	Filtration layer	FV 125 filter fleece	1	0.13	
4	Drainage Layer	DSE 40 drainage board	40	15.3	
5	Protection Layer	FSM 1100 protection mat	8	7.1	
6	Slip Separation Layer	PE 02 Foil x 2	0.4	0.38	
7	Underlying Waterproofing	Bauder's underlying waterproofing system	Not included	Not included	
<b>System build-up (saturated)</b>			<b>249+</b>	<b>272+</b>	
*Bauder supply various green roof systems to meet required biodiverse targets and other green roof requirements					
In-depth and up-to-date product specific technical data is available for each element within a system. Download from our website <a href="http://bauder.co.uk/technical-centre">bauder.co.uk/technical-centre</a>					
<b>Please note:</b> All green roofs require water during times of drought. Bauder recommend that the watering and maintenance of this roof is considered and addressed during its design.					