



Product Data Sheet

Green Estate Living Roof Substrate

FLL Approved Blend

Green Estate green roof substrate is a light-weight, effective product made from a blend of recycled products and LECA I, with organic material meeting BS PAS100. It has been developed, tested and approved in line with the FLL standards for green roof growing media to give the right balance of moisture retention and free drainage. The substrate also contains the right balance of nutrients – enough to keep the plants healthy without fertiliser but not too rich so as to stimulate excess growth.

Key Benefits of Green estate Green roof Substrate:

FLL approved (European standard) substrate blend

Made from 100% recycled materials

Light weight

Available in Bulk bags, 25kg bags or loose if required.



Green Estate substrate installed on wildflower roof.

Substrate Specification	
Volume Weight In Dry Condition	0.83 g/cm ³ (830 kg M ³)
With Max water capacity	1.23g/cm ³ (1230 Kg M ³)
Max water capacity	40.5 % Volume
Water permeability	3.5 mm/min
pH in CaCl ₂	8.4
Organic substances	50.67 g/L
Plant available nutrients in CAT:	
Nitrogen (N)	3.26 mg/L
Phosphorous (P205)	90.07 mg/L
Potassium (K20)	816.46 mg/L
Magnesium (Mg)	173.67 mg/L