

Technical Data Sheet – EcoSedum Tray & Substrate

Name: Intensive Green Roof Substrate – for Ecosedum Trays

Description: Lightweight substrate made from various lightweight aggregates, selected from

- Re-cycled clay brick
- LECA – Light weight expanded clay
- LYTAG
- Compost (PAS100 Certified)
- Medium clay loam

Application: General purpose green roof growing media for intensive greening:

- Intensive Green Roofs, including Roof Gardens
- Simple intensive green roofs
- Small domestic green roofs
- Localised areas on biodiversity roofs to change vegetation

Technical Information (Typical)

- Screened to 16mm
- pH value: av. 8.4
- Total pore volume: 49-60%
- Soil Organic Matter (SOM): 10%
- Maximum water holding capacity 33.5% vol.

Unit	Weight (Kgs)		
	Dry (Driest day in Summer)	At Max Water Capacity	Fully Saturated @ Design Max
m ³	875	1210	1493
1 sqm @ 100mm	88	121	149
1 sqm @ 2smm	23	30	37

Following FLL method for measuring saturated bulk density we obtained a bulk density of 1380kg/m³

Eco-Sedum tray specifications (Tray Only)

Length: 600mm

Width: 400mm

Depth: 68mm

Weight: 1.52 KG



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