



Shire Minerals (Southern)

Mineral Suppliers, Technical Consultants & Project Management
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PROVISIONAL TECHNICAL DATA SHEET

- PRODUCT NAME:** Shire Biodiversity substrate
- PRODUCT DESCRIPTION:** Lightweight substrate made from coarse recycled brick and aircrete, composted bark and medium clay soil.
- PRODUCT APPLICATION:** General purpose green roof growing media for Biodiversity roofs
- Localised areas on biodiversity roofs to change vegetation.

TECHNICAL INFORMATION (TYPICAL)

Size

Sieve Size (mm)	% Passing
25	96
5	40



pH value: 7-8

Organic content: 10% composted bark

Water content wet: 27%

Unit	Weight (kg)		
	dry	Wet	Fully Saturated
	Dryest days in summer	Normal in winter	Design maximum
m ³	806	1026	1456
1 sq m @ 100mm	81	103	146
1 sq m @ 25mm	20.2	25.7	36.4

PACKAGING

Supplied tipper, in single trip 1 m³ Big bags or 25kg sacks

The above information is issued in good faith and without warranty and is intended as a guide only. The information comprises typical data and does not constitute a specification. Specification values are available separately upon request.



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The manufacturing process

The manufacture of house bricks generates a significant percentage of bricks that do not meet the rigorous quality standards required for house building, for instance because of cracks or other damage and are scrapped. These cannot easily be reprocessed and they are set aside and crushed for use in other applications, e.g. as lightweight aggregates or for use as green roof growing media.

Green Compost

Where the Growing Media incorporates Compost it is derived from a sustainable source, normally 'pine bark' Compost.



Biodiversity Substrate used with meadow plants