

Data Sheet



Extensive Single Layer Substrate Type M

Drainable vegetation substrate for extensive green roofs with a single layer build-up on inclines from 1° - 5°

Technical details and properties:

Main components:

Expanded shale, expanded clay, lava, pumice, crushed brick, Porlith and green waste compost in different compositions depending on the region



Specific properties:

Max. moisture capacity:	>= 20 % by vol.	
pH value:	6.0 – 8.5	
Salt content:	<= 3.5 g/L	
Water permeability:	>= 60 mm/min	
Compaction factor:	1,15	
organic substances:	< 40 g/l	
Total pore volume:	> 60 – 70 % by vol.	
<u>Compacted weight:</u>		
Lightweight variant:	Dry:	Min. 670 kg/m³
	Saturated:	900-1260 kg/m³
Heavy variant:	Dry:	Min. 920 kg/m³
	Saturated:	1180-1490 kg/m³

Please contact Optigreen for precise details on weight in relation to the site location

Meets the requirements of the FLL Directive for green roofs

Delivery form:

- Loose bulk in an open truck
- Blown on from a tank truck
- In Big Bags on an open truck
- In sacks on Euro-pallets delivered by transport company

Quantity per delivery unit:

- As required

Area of use:

Vegetation support layer for extensive green roofs with a single layer build-up

Storage:

Dry; protect goods in sacks and Big Bags from sunlight

The above mentioned values are guidelines only, obtained in in-house laboratory or official test laboratories. These values have a certain production tolerance and variation due to manufacture and correspond to Optigreen's technical knowledge at the time they were published. It is Optigreen's prerogative to amend and/or modify these values when additional knowledge is obtained, as well as to introduce modifications of the features. Technical changes and misprints remain reserving.