

Data Sheet

Intensive Substrate Type Urban Soil

Special, intensive substrate for multiple-layer structures, that comply with FLL guidelines. Adequate for growing vegetables on flat roofs with a pitch between 0 and 5°



Technical details and properties:

Main components

Pumice, lava and compost in RAL quality.

Specific properties

Max. Water capacity:	48 vol%
pH-value:	7.76
Salt contents:	0.4 g/l
Water permeability	1.3 mm/min
Compacting factor:	1.3
Organic substances:	29 g/l
Total pore volume	57 vol%

Compacted weight:

dry:	min. 1100 kg/m ³
water-saturated:	max. 1650 kg/m ³

- Special feature** Substrate properties especially chosen to grow vegetables, for example:
- ▶ high water-storing capacity
 - ▶ very low salt content
 - ▶ high nutrient-storing capacity
 - ▶ due to originally low content of organic substances, it is possible to add composted vegetation during the cultivation cycle.
 - ▶ suited for drip-irrigation when used with Optigreen-Capillary and Filter Fleece 500 K

Please observe The substrate must be provided with new nutrients, adequately selected for each crop, in every phase of the cultivation cycle

The pH-value may be lowered, according to the needs of a newly planned crop, for example by addition of turf (peat).

Delivery form

- loose on open truck
- blown onto silo truck
- Big-Bags on open truck
- Sacks on Euro-pallets, including transport

Quantity per delivery unit

- according to demand

Area of use

Vegetation substrates for intensive roof-greening with multi-layer structures. Especially suitable for growing vegetables and berries on roofs with a pitch between 0 and 5°.

Storage

Dry. Sacks and Big Bags should be protected from ultra violet rays.

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