

PRODUCT CARD

GREENFOND SW-T volcanic lawn substrate

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INTENDED USE:

planting lawns on intensive substrates and on native or sourced substrates.

COMPOSITION:

Sifted peat, sifted compost, rinsed sand, mineral tuff.

FEATURES:

- maximum water capacity above 60%
- water permeability $> = 0.5$ mm / min
- organic content above 50%
- weight in dry form - 800 kg / m³
- weight with full water saturation - 1215 kg / m³
- weight at delivery - around 1 t / m³
- salt concentration ≤ 1.0 g NaCl / dm³
- loose form, fraction 0-8 mm
- Ph - 5.8 - 7.2

COMMENTS:

The substrate should be spread out immediately after delivery. The substrate layer which it should be spread out is 2 cm.



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RECOMMENDATIONS FOR APPLICATION:

SUPPLY:

The substrate must be delivered to a construction site in covered bulk containers or in Big-Bags. Substrate should not be supplied in conditions of excessive water saturation or freezing. Do not deliver the substrate in direct contact with other materials that may change its physical or chemical properties.

STORAGE:

After delivery to the construction site, the substrate should be stored in a prepared, cleaned and free of rainwater area, i.e. on a hardened ground or in a place which protects the substrate from contamination, e.g. on sand or geotextile. If longer storage is required at the construction site, the substrate should be protected against contamination, weed infestation, washing, erosion and excessive moisture.

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PHYSICAL PROPERTIES*

Granulometric composition: fractions below 0.065 mm	max. 10 % by weight
Content of absorbent aggregates	about 5%
The content of organic ingredients	up to 350 kg / m3
Compactability (wear factor)	approx. 15%
Settling after compaction	less than 6 %
Bulk weight in dry condition	800 kg / m3
Weight in the state of max. water saturation	1215 kg / m3
General porosity	approx. 40%
Water capacity	approx. 45 %
Air capacity	about 10%
Water flow speed	about 0.5 mm / min
The content of other substances	less than 0.5% by weight <small>(aggregates other than those mentioned, oversize aggregates, etc.)</small>

CHEMICAL PARAMETERS **

The pH is H2O	5,0-7,0
Salinity [KCL / l]	below 1,0 g/l

PRODUCT SPECIFICATIONS:

The size of the bag	Big-Bag 1m ³
Article number	30.1208

(*) Own research in accordance with the FLL green roofs planning, construction and care guidelines.

Guidelines for the Planning Construction and Maintenance of Green Roofing, FLL. ed. , 2008.

(**) Average values obtained during standard laboratory tests performed by the Chemical and Agricultural District Station in Warsaw.