PRODUCT INFO & DATASHEET

SICOFLOR®

BLOCKING COMPOST (Type 3)

Compressed peat pot substrate (Art. no. 3365A and Art. no. 3365 B)

Revised edition 04/2020

APPLICATIONS

For the production of press pots for cultivating young vegetable plants.
The substrate has a high level of black peat with good pressing and adhering properties.
For plants with low nutritional needs. The soil-moist substrate must be sufficiently moistened before processing to produce durable, adhering press pots. If the substrate is too wet, the pots cannot be pressed firmly enough.
German high bog peat.

COMPOSITION

Mixture of approx. **25% vol.** slightly to moderately decomposed peat from raised bogs (white peat) and **75% vol.** highly decomposed peat from raised bogs (frozen black peat), lime and NPK fertiliser 18-10-20 with micronutrients, additional trace element fertiliser and wetting agent.
This product can be supplied on special request with 1.5 kg PG Mix (Art. no. 3365 B)

STRUCTURE

The fine structure guarantees good processing press pot machines.

CHEMICAL PROPERTIES

pH value (CaCl2)	5.2 – 6.0
Salt level (KCl)	0.6 – 1.4 g/ltr
Nitrogen (N)	135 - 225 mg/ltr
Phosphate (P2O5)	60 - 140 mg/ltr
Potassium oxide (K2O)	175 - 290 mg/ltr
Electrical conductivity (µS/cm) (50 ml substrate in 180 ml aqua dest.)	300 - 400

PACKING

In 80 ltrs. (DIN) bags (= 70 ltrs. as per EN) or in big bags.

IMPORTANT INFORMATION:

All product information ceded by us was produced to the best of our knowledge and belief. There is no claim regarding their completeness and continuing or remaining correctness. We reserve the right to make changes in particular.
The deviations of the chemical substrate properties are within the tolerance limits in accordance with the guidelines of the quality association Substrate für Pflanzen e.V. [Substrates for Plants, Limited Liability Company].
All application and/or use-related recommendations on our part should be understood as non-binding guidelines and must be adapted to the local and usage-dependent conditions.
Our products should be stored in a cool place away from the sun and condensation; otherwise we cannot assume any liability. Moreover we do not accept liability with regards to the occurrence of saprophytic organisms and possible consequences e.g. growth of fungi.

SICO®FERTILISERS: EVERY TIME THE RIGHT SOLUTION

SICOFLOR®: FOR VISIBLE SUCCES!

SAP INTERNATIONAL CORPORATION bv Krekelenberg 83, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Email : info@sico.be Website : www.sico.be

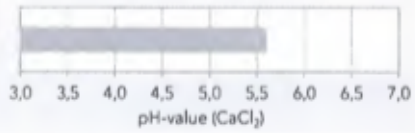
PRODUCT INFO & DATASHEET

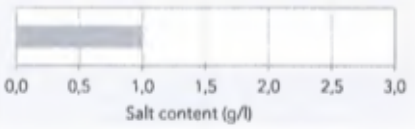
Type 3

Field of application:

Press pots substrate for vegetable and ornamental plants; for small soil blocks.

Technical data:





Recipe:	710137
pH value * ($CaCl_2$)	5,6
Salt content * (g/l)	1,0
N-nitrogen * ($CaCl_2$)	180 mg/l
P_2O_5-phosphate * (CAL)	100 mg/l
K_2O-potassium * (CAL)	230 mg/l
Structure	fine
PG-Mix 18-10-20	1,00 kg/m³

Mineral nutrients have been added to the substrate.

- ☐ contains wetting agent
- ☐ contains clay
- ☐ contains sand
- ☐ contains slow release fertilizer

- ☐ Potting, pot size:
  - ☐ 7-9 cm
  - ☐ 8-11 cm
  - ☐ 8-14 cm
  - ☐ >12 cm
  - ☐ Cont. >1 l
  - ☐ Cont. >3 l
  - ☑ customized
- ☐ Trays
- ☑ General propagation, soil blocks
- ☐ Growbag
- ☐ Tubs
- ☐ Hanging baskets
- ☐ Planting soil
- ☐ Lawn

* Deviation according to the quality parameters established by the Gütegemeinschaft Substrate für Pflanzenbau e.V. (German Quality Assurance Association Growing Media for plants)

Constituents and additives	Effect on the substrate
Strongly decomposed raised-bog peat (black peat)	increases the water holding capacity and improves the water uptake
Slightly decomposed raised-bog peat (white peat)	increases the air capacity and improves the structural stability
Lime (Calcium carbonate)	adapts perfectly the pH-value to the specific requirements of the plants
Top-Quality compound fertilizer	supplies the plants immediately with all macro and micro-nutriens

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