



**PRODUCT INFO
& DATASHEET**

SICOFLO[®]

Container substrate (Type 5)

Potting substrate (Art. no. 3367)

Revised edition 04/2020

APPLICATIONS

For cultivating nursery plants and shrubs in containers, apart from ericaceous plants.

The substrate is the basis for successful container cultivation. The provision of nutrients guarantees a good start and rapid rooting of the nursery plants. Depending on plant type, container size and season, re-fertilisation may be necessary depending on the cultivation status.

German high bog peat.

COMPOSITION

Mixture of approx. **70% vol.** slightly to moderately decomposed peat from raised bogs (white peat) and **30% 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.

STRUCTURE

Coarse structure.

CHEMICAL PROPERTIES

pH value (CaCl ₂)	5.2 – 6.0
Salt level (KCl)	0.8 – 1.8 g/ltr
Nitrogen (N)	190 - 315 mg/ltr
Phosphate (P ₂ O ₅)	80 - 180 mg/ltr
Potassium oxide (K ₂ O)	240 - 400 mg/ltr
Electrical conductivity (μS/cm) (50 ml substrate in 180 ml aqua dest.)	400 - 500

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
SICOFLO[®]: FOR VISIBLE SUCCES!

All information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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SICO FERTILISERS
EVERY TIME THE *right* SOLUTION

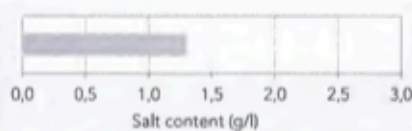
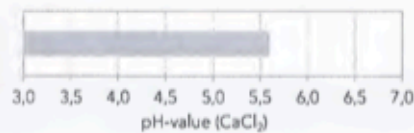


Type 5

Field of application:

The special mixture has been adapted to the requirements of the customer and will address the thought of customers use.

Technical data:



Recipe: **710140**

pH value * (CaCl ₂)	5,6
Salt content * (g/l)	1,3
N-nitrogen * (CaCl ₂)	250 mg/l
P ₂ O ₅ -phosphate * (CAL)	130 mg/l
K ₂ O-potassium * (CAL)	320 mg/l
Structure	coarse
PG-Mix 18-10-20	1,50 kg/m ³

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

- Slightly decomposed raised-bog peat (white peat)
- Strongly decomposed raised-bog peat (black peat)
- Lime (Calcium carbonate)
- Top-Quality compound fertilizer

Effect on the substrate

- increases the air capacity and improves the structural stability
- increases the water holding capacity and improves the water uptake
- adapts perfectly the pH-value to the specific requirements of the plants
- supplies the plants immediately with all macro and micro-nutrients