



**PRODUCT INFO  
& DATASHEET**

## **SICOFLOR®**

**Universal substrate & Potting soil (Type 10)**  
*including starter fertiliser NPK 18.10.20 (Art. no. 3372)*

Revised edition 04/2020

### **APPLICATIONS**

**Universal substrate incl. starter NPK 18.10.20.**

German high bog peat.

### **COMPOSITION**

Mixture of approx. 50 vol. % slightly to moderately decomposed peat from raised bogs (white peat) and approx. 50 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**

Fine

### **CHEMICAL PROPERTIES**

pH value (CaCl <sub>2</sub> )	5.2 – 6.0
Salt level (KCl)	0.6 - 1.4 g/ltr
Nitrogen (N)	135 - 225 mg/ltr
Phosphate (P <sub>2</sub> O <sub>5</sub> )	60 - 140 mg/ltr
Potassium oxide (K <sub>2</sub> O)	175 - 290 mg/ltr
Electrical conductivity (µS/cm) (50 ml substrate in 180 ml aqua dest.)	300 - 400

### **PACKING**

In 80 ltr (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!**

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

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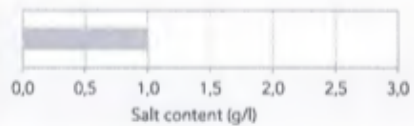
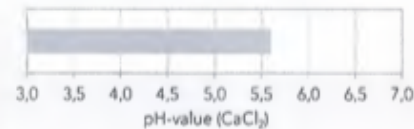


## Type 10

### 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: 710010

pH value * (CaCl <sub>2</sub> )	5,6
Salt content * (g/l)	1,0
N-nitrogen * (CaCl <sub>2</sub> )	180 mg/l
P <sub>2</sub> O <sub>5</sub> -phosphate * (CAL)	100 mg/l
K <sub>2</sub> O-potassium * (CAL)	230 mg/l
Structure	fine
PG-Mix 18-10-20	1,00 kg/m <sup>3</sup>

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

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