



**PRODUCT INFO  
& DATASHEET**

# **SICOFLOR<sup>®</sup>**

## *Plant substrate (Type 2)*

### *Potting substrate (Art. no. 3364)*

Revised edition 04/2020

#### **APPLICATIONS**

**For all potted plants, bedding and balcony plants.** The structure and nutrients of the substrate are ideally rated to the needs of the plants. Its moist condition means it can be processed in potting machines without any problems. After the plants have taken root, they must be fertilised depending on the plant type and size.  
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**

Medium

#### **CHEMICAL PROPERTIES**

pH value (CaCl <sub>2</sub> )	5.2 – 6.0
Salt level (KCl)	0.8 – 1.8 g/ltr
Nitrogen (N)	190 - 315 mg/ltr
Phosphate (P <sub>2</sub> O <sub>5</sub> )	80 - 180 mg/ltr
Potassium oxide (K <sub>2</sub> 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<sup>®</sup>FERTILISERS: EVERY TIME THE RIGHT SOLUTION**  
**SICOFLOR<sup>®</sup>: 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

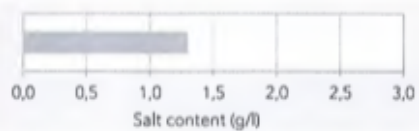
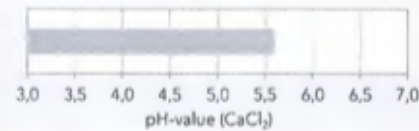


## Type 2

### Field of application:

For small pots of approx. 7-9 cm; for bedding and balcony plants.

Technical data:



Recipe: 710138

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