



**PRODUCT INFO
& DATASHEET**

SICOFLO[®]

***Universal substrate (SR) & Potting soil (Type 9)
including starter fertiliser NPK 18.10.20 and
slow release (SR)(3-4 months) NPK 16.11.11 (Art. no. 3371)***

Revised edition 04/2020

APPLICATIONS

Universal substrate & Potting soil incl. 3-4 M slow release (SR) NPK 16.11.11 + 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 1 kg starter NPK fertiliser 18-10-20 with micronutrients, additional trace element fertiliser and wetting agent + 1.5 kg slow release NPK 16.11.11, 3-4 months slow release activity (SR)

STRUCTURE

Fine

CHEMICAL PROPERTIES

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

* without considering the nutrients being released slowly from the slow-release fertiliser.

PACKING

In 80 ltr 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!

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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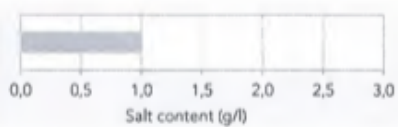
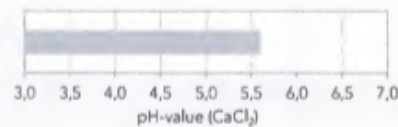


Type 9

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: 104409

pH value * (CaCl ₂)	5,6
Salt content * (g/l)	1,0
N-nitrogen * (CaCl ₂)	180 mg/l
P ₂ O ₅ -phosphate * (CAL)	100 mg/l
K ₂ O-potassium * (CAL)	230 mg/l
Structure	fine
PG-Mix 18-10-20	1,00 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
- Coated slow release 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
- Osmocote Exact Stand 3-4 M supplies the plants with all long-acting macro- and micro-nutrients. Action time approx. 3-4 months

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