



**PRODUCT INFO  
& DATASHEET**

**SICOFLOR BALTIC PEAT SUBSTRATES (Latvia)**

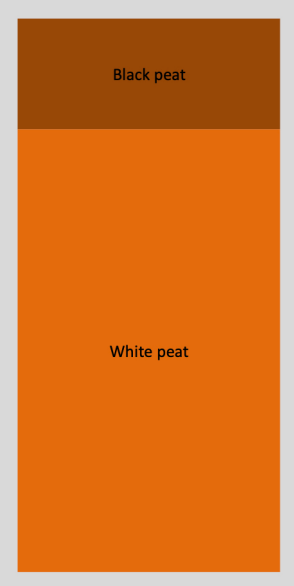
**SICOFLOR® SUBSTRATE 1 80/20**  
(Art. No. BPS 6) - Origin: Latvia

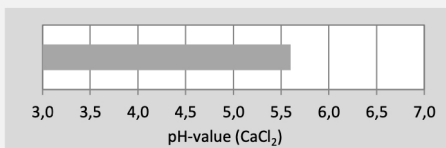
12/2023

**FIELD OF APPLICATION:**

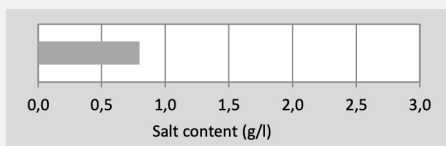
Propagation substrate with a high share of white peat; for sowing and pricking.

Technical data:





pH-value (CaCl<sub>2</sub>)



Salt content (g/l)

**Recipe:** 760013

<b>pH value * (CaCl<sub>2</sub>)</b>	5,6
<b>Salt content * (g/l)</b>	0,8
<b>N-nitrogen * (CaCl<sub>2</sub>)</b>	140 mg/l
<b>P<sub>2</sub>O<sub>5</sub>-phosphate * (CAL)</b>	80 mg/l
<b>K<sub>2</sub>O-potassium * (CAL)</b>	190 mg/l
<b>Structure</b>	fine

<input checked="" type="checkbox"/> contains wetting agent	<input type="checkbox"/> Potting, pot size:
<input type="checkbox"/> contains clay	<input type="checkbox"/> 7-9 cm
<input type="checkbox"/> contains sand	<input type="checkbox"/> 8-11 cm
<input type="checkbox"/> contains slow release fertilizer	<input type="checkbox"/> 8-14 cm
	<input type="checkbox"/> >12 cm
	<input type="checkbox"/> Cont. >1 l
	<input type="checkbox"/> Cont. >3 l
	<input checked="" type="checkbox"/> customized
	<input type="checkbox"/> Trays
	<input type="checkbox"/> General propagation, soil blocks
	<input type="checkbox"/> Growbag
	<input type="checkbox"/> Tubs
	<input type="checkbox"/> Hanging baskets
	<input type="checkbox"/> Planting soil
	<input type="checkbox"/> 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.  
Wetting agent Instant plus.

**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.  
Improves the water uptake of the substrate particularly of the dry material.

**\* STORAGE**

Store cool, dry. Protect from moisture & direct sunlight and drying out. Close opened bales tightly. Indicated nutrient contents refer to values established at moment of packing by the producer and can undergo natural changes during storage.

**\* PACKING**

250 ltr bales

This new 250 ltr peat bale (INPUT) content indication is according to the new European standards (EN) equals to the old 278 ltr. bale according to DIN (= but is same content). There is quite a difference between INPUT and OUTPUT. We compress the products into the bale. The OUTPUT will be quite more than the INPUT. Attention: some unscrupulous suppliers mention the OUTPUT as content on their offers. !

Continuous control tests by independent organisations ensure consistent quality. Before use please ensure that the substrate is sufficiently moist. We suggest that you combine these products with orders for other products from the **SICOFLOR®** product range. (see Sicoflor German growing substrates & potting soils)

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.

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



**PRODUCT INFO  
& DATASHEET**

## **SICOFLOR® SUBSTRATE 1 80/20** *(Art. No. BPS 6) - Origin: Latvia*

12/2023

Fine structure for seeds, cuttings and seedlings, as well as transplanting of nitrate-sensitive plants. This ready-to-use peat substrate comprises a balanced combination of nitrogen, lime, potash and trace elements, which encourages fast germination and rapid growth of eg. vegetable young plants and aromatic herbs. Virtually free of all pests, wood and seeds.

### **COMPOSITION & FERTILISATION**

Mixture of 80 vol.-% slightly to moderately decomposed sphagnum peat from raised bogs (white peat), 20 vol. % highly decomposed peat from raised bogs (black peat), lime, NPK 18-10-20 fertiliser with micronutrients, trace elements & wetting agent.

### **STRUCTURE:** fine

### **CHEMICAL PROPERTIES**

pH value (CaCl <sub>2</sub> )	5.2 - 6.0
Salt level (KCl)	0.5 - 1.1 g/ltr
Nitrogen (N)	85 - 195 mg/ltr
Phosphate (P <sub>2</sub> O <sub>5</sub> )	50 - 110 mg/ltr
Potassium oxide (K <sub>2</sub> O)	145 - 240 mg/ltr
Electrical conductivity (µS/cm) (50 ml substrate in 180 ml aqua dest.)	270 - 330

### **SOME SUGGESTED APPLICATIONS**

For plants with lower nutrient requirements. / For the cultivation of salt-sensitive plants & crops.

### **STORAGE**

Store cool, dry. Protect from moisture & direct sunlight and drying out. Close opened bales tightly. Indicated nutrient contents refer to values established at moment of packing by the producer and can undergo natural changes during storage.

### **\* PACKING:** 250 ltr bales

This new 250 ltr peat bale (INPUT) content indication is according to the new European standards (EN) equals to the old 278 ltr. bale according to DIN (= but is same content). There is quite a difference between INPUT and OUTPUT. We compress the products into the bale. The OUTPUT will be quite more than the INPUT. Attention: some unscrupulous suppliers mention the OUTPUT as content on their offers. !

Continuous control tests by independent organisations ensure consistent quality. Before use please ensure that the substrate is sufficiently moist. We suggest that you combine these products with orders for other products from the SICOFLOR® product range. (see Sicoflor German growing substrates & potting soils)

### **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 eV (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 eg. growth of fungi. Our products are supplied with official phytosanitary certificate on request.

**SICOFLOR® SUBSTRATES AND PEAT: EVERY TIME THE RIGHT SOLUTION  
THE RIGHT PRODUCT FOR EACH PLANT!**

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.

**SAP INTERNATIONAL CORPORATION by Krekelenberg 83, B-2980 Zoersel, Belgium**  
Tel. +32-3-309.06.51 Email : [info@sico.be](mailto:info@sico.be) Website : [www.sico.be](http://www.sico.be)