



**PRODUCT INFO
& DATASHEET**

SICOFLOR[®] GROWING SUBSTRATES

A complete range for successful horticulture!

SICOFLOR[®] GROWING SUBSTRATES: Your advantages for successful horticulture !

- High-quality peat and selected additives.
- Homogeneous, permanently high quality thanks to uniform distribution produced by intensive mixing processes.
- Individual mixing and, therefore, optimum adaptation to each different type of use.
- Packaging in recycable plastic bags.

SICOFLOR[®] GROWING SUBSTRATES ... the complete range for horticulture ! (in 80 ltr bags*)

- **Type 1: Seedling & Young plant substrate**
For sowing, cuttings, rearing seedlings and pricking out. A substrate with loose consistency containing a small proportion of added compost. Recommended for salt-sensitive plants.
- **Type 1B: Seedling & Young plant substrate with PERLITE** - When high air capacity is required.
For sowing, cuttings, rearing seedlings and pricking out. A substrate with loose consistency containing a small proportion of added compost. Recommended for salt-sensitive plants.
- **Type 2: Plant potting substrate**
For potting and re-potting of salt-tolerant plants with a nutrient shortage. A well-balanced nutrient content and the favourable consistency ensure rapid root penetration and fast growth.
- **Type 3: Compressed peat pot substrate (blocking compost)**
The ideal special substrate for growing vegetables. It has the right composition for durable compressed peat pots. The substrate must be moistened before the pots are pressed.
- **Type 4: Universal potting soil for hobby gardens**
Is suitable universally for all types of flowers, except heather-type plants. It contains all the nutrients, which are important for the plant growth.
- **Type 5: Container (potting) substrate**
For rearing and cultivating nursery trees and shrubs in containers. The correct ratio between black and brown peat plus an optimum nutrient supply guarantees rapid root penetration and fast plant development.
- **Type 6: Azalea substrate**
For azaleas, rhododendrons, ericas and other plants which require a peaty soil. A slightly limed substrate with low pH for all plants which prefer an acidic soil.
- **Type 7: Tray (sowing) substrate**
The fine fibre-free, weakly fertilised special substrate is ideal for sowing and cultivating vegetables and ornamental plants in trays and multi-cell systems. Thanks to its excellent crumbling properties, the substrate can be used on automatic filling lines without any problems and is also suitable for all modern growing systems.
- **Type 8: Clay potting substrate**
Universal substrate for all potted plants, particularly for cyclamen, bedding and balcony plants. The addition of granulated clay makes a considerable improvement to water absorption and re-moistening.
- **Type 9: Universal substrate & Potting soil incl. 3-4 M slow release (SR) NPK 16.11.11 + starter NPK 18.10.20**
Including starter fertiliser NPK 18.10.20 and slow release (SR) (3-4 months) NPK 16.11.11.
- **Type 10: Universal substrate & Potting soil incl. starter NPK 18.10.20**
Including starter fertiliser NPK 18.10.20.
- **Type 11: Seedling substrate & Potting soil incl. starter NPK 14.16.18**
Including starter fertiliser NPK 14.16.18.

Any 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



PRODUCT TECHNICAL DETAILS

Type	Content ltr	pH	N mg/ltr	P2O5 mg/ltr	K2O mg/ltr	Salt level	EC µS/cm	Structure
1	80 ltr	5.2 – 6.0	135 – 225	60 – 140	175 – 290	0.6 – 1.4	300 – 400	Fine
1B	80 ltr	5.2 – 6.0	135 – 225	60 – 140	175 – 290	0.6 – 1.4	300 – 400	Fine
2	80 ltr	5.2 – 6.0	190 – 315	80 – 180	240 – 400	0.8 – 1.8	400 – 500	Medium
3	80 ltr	5.2 – 6.0	135 – 225	60 – 140	175 – 290	0.6 – 1.4	300 – 400	Fine
4	80 ltr	5.2 – 6.0	160 – 270	160 – 270	230 – 380	1.2 – 2.4	400 – 500	Medium
5	80 ltr	5.2 – 6.0	190 – 315	80 – 180	240 – 400	0.8 – 1.8	400 – 500	Coarse
6	80 ltr	4.0 – 4.8	55 – 125	30 – 70	60 – 140	0.3 – 0.7	180 – 280	Medium
7	80 ltr	5.2 – 6.0	135 – 225	60 – 140	175 – 290	0.6 – 1.4	300 – 400	Fine
8	80 ltr	5.2 – 6.0	190 – 315	80 – 180	240 – 400	0.8 – 1.8	450 – 550	Coarse
9	80 ltr	5.2 – 6.0	135 – 225	60 – 140	175 – 290	0.6 – 1.4	300 – 400	Fine
10	80 ltr	5.2 – 6.0	135 – 225	60 – 140	175 – 290	0.6 – 1.4	300 – 400	Fine
11	80 ltr	5.2 – 6.0	150 – 260	180 – 300	190 – 320	0.8 – 1.8	400 – 500	Fine

Quantity per 40' fcl: 936 bags x 80 ltr = 74,880 ltr / per 20' fcl: 630 bags x 80 ltr = 50,400 ltr

The 80 ltr. bags according to German DIN norms are equal to 70 ltrs according to the new EN norms.

* Some of these SICOFLOR® growing substrates can also be supplied in 40 ltr FAVORIT® bags.

SOME MORE POPULAR TYPES :

- **Sicoflor Tobacco substrate for swimming cultivation (Art. No. N10)**
Including starter fertiliser NPK 18.10.20
- **Sicoflor Tobacco substrate for non-swimming cultivation (Art. No. N11)**
Including starter fertiliser NPK 18.10.20
- **Sicoflor Substrate for sowing and pricking (Art. No. N12)**
Including starter fertiliser NPK 18.10.20
- **Sicoflor Substrate for cultivation (Art. No. N13)**
Including starter fertiliser NPK 18.10.20
- **Sicoflor Growbag with PERLITE esp. for strawberry culture (Art. No. N14)**
Including starter fertiliser NPK 18.10.20
- **Sicoflor Potting soil with organic fertiliser (Art. No. N15)**
Enriched with starter fertiliser NPK 14.16.18 and organic NPK 6.2.3