

Product Information



Plantaflo® SAB Profi Substrates

Plantaflo® SAB Profi Tray 1 and Tray 2

The fine fibre-free, weakly fertilised special substrate is ideal for sowing and cultivating vegetables and ornamental plants in tray 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.

Tray 1:

35 % White Peat + 65 % Black Peat

Fine Substrates for the propagation of e.g. vegetable young plants, melons and aromatic herbs in tray plugs

For the cultivation of salt-sensitive plants.

This substrate is used when a higher water storing capacity is required.

Tray 2:

50 % White Peat + 50 % Black Peat

Fine substrate for the propagation of e.g. tomatoes, cauliflower, leek and celery in tray plugs.

For the cultivation of salt-sensitive plants.

This substrate is used when a higher air capacity than in Tray 1 is required.

Plantaflo® SAB Profi Blocking Compost

The Blocking Compost is suitable for the production of press pots for cultivating young vegetable plants.

The substrate has a high level of black peat with good pressing and adhering properties. For plants with low nutritional needs. The soil-moist substrate must be sufficiently moistened before processing to produce durable, adhering press pots. If the substrate is too wet, the pots cannot be pressed firmly enough.

25 % White Peat + 75 % Black Peat

Fine substrate for production of peat blocks

Plantaflo® SAB Profi Universal

The Universal Substrate is suitable for the potting of all kind of ornamental plants, e.g. 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 roots, they must be fertilised depending on the plant type and size.

Its high black peat content ensures a high storage of water.

35 % White Peat + 65 % Black Peat

Fine substrate for the potting of e.g. balcony plants, perennials, shrubs



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Characteristics of the Plantaflor® SAB Profi Substrates:

- High-quality peat from Northern Germany
- Good water storing capacity and good air capacity
- Good structure stability
- Freedom of harmful substances
- Optimum pH-value
- Optimum fertilization level
- Uniform quality

Chemical and Physical Characteristics of the Plantaflor® SAB Profi Substrates

	Tray 1	Tray 2	Universal	Blocking Compost
Type of peat	White Peat and Black Peat from Northern Germany			
Degree of decomposition	H3 - H7			
pH-value (CaCl ₂)	5,2 - 6,0			
pH-value (H ₂ O)	5,7 - 6,5			
Organic matter	95 - 99 weight -% (dry)			
Salt level approx.	1,0 g/l	1,0 g/l	1,6 g/l	1,0 g/l
Fertilizer approx.	1,0 g/l	1,0 g/l	1,6 g/l	1,0 g/l
Electrical conductivity (µS/cm)	300 - 370	300 - 370	420 - 520	300 - 370
Nitrogen (N)	110 - 250	110 - 250	220 - 360	110 - 250
Phosphate (P ₂ O ₅)	60 - 140	60 - 140	120 - 200	60 - 140
Potassium Oxide (K ₂ O)	120 - 280	120 - 280	240 - 400	120 - 280

Available Packaging:

340 litres input (0,150 m³ = 5,3 cbft)

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