

HAWITA
professional

EN



Professional substrate
for commercial horticulture

100 years' experience
Over 400 employees
8 production locations
4,500 h moorland areas

THE HAWITA GROUP is a globally-active company currently employing over 400 people at eight production facilities and possessing more than 4,500 h of moorland area in Germany and the Baltic region.

Thanks to consistent company policies, lots of know-how and top-class employees, we have developed over the course of our 100-year company history into one of the premium manufacturers of products for modern horticulture. Our portfolio serves very different areas of the »green branch«, from commercial horticulture right up to hobby gardeners.

Innovative spirit, absolutely top-class products, orientation towards our customers and gapless logistics - we stand for all this through our name and our mission statement: Your plants in good hands!





SPECIAL SUBSTRATE MIXTURE
POSSIBLE FROM 10 PALLETS –
CONTACT US!

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... Perlite
Coconut fibre
Cocopeat
Bark humus
Expanded clay
Wood fibre
Wood chips ...



Own raw materials

The basis for our success: The raised bog peat used for the production of our gardening soils is broken down on our own moor areas in Germany and in the Baltic. We then mix this raw material with our high-quality volcanic clay, extracted in the Hessian Vogelsberg region. This creates top-class cultivation substrates with high pore volumes and improved physical properties which are tailored precisely to the requirements of the plants to be cultivated.

After the removal of the peat, we certainly do not leave the natural landscape to attempt recovery by itself. All the removed moorland areas are initially examined regarding their flora and fauna, and are then renaturalised in a complex process: dewatering processes are reversed, and unwanted developments such as the overgrowing and bush growth on valuable open landscape is suppressed through suitable measures.



Quality management and laboratory



QM, QA, R&D: Trust is good, but monitoring is HAWITA.

Quality is our capital. Therefore, all production processes are permanently monitored and inspected through external and own sampling procedures. In the HAWITA Central Laboratory in Lauterbach, qualified specialists conduct analyses of the raw materials and additives used, the finished mixtures and also samples from the cultivation and the irrigation water of the client using their ultra-modern technical equipment. In this way, over 10,000 samples are used per year, which are stored as retain samples for two years after their examination in our own sample rooms. The result of these comprehensive endeavours is our consistently high quality, and not least the award of the RAL quality symbol for our soils and substrates.

The HAWITA Central Laboratory plays an important role, in particular of course in terms of **Research and Development.** Our substrates are continuously adapted and further developed to fit the requirements of modern horticulture in our own greenhouse, together with horticultural testing institutes or directly at our clients' establishments.



... did you know?
We play a major role in
nature conservation!





Renaturation



We merely borrow the treasures of the natural world. For this reason, the efforts of the HAWITA Group regarding the renaturation of the areas from which peat has been excavated rise far above the legally required standards. We work closely together with the responsible authorities and nature conservationists and, for example, do not completely level off the areas. The resulting unevennesses ensure differences in the water levels, which thus provide a new home for very different grassland birds.

Through this gentle care of the landscape, the areas managed by us are even substantially more valuable than before, as the areas previously used for agriculture develop through the rewatering process to become an important replacement substitute habitat for flora and fauna. Intact moors in Germany have to remain untouched, as they have been protected by law.

Propagation substrates



PRICKING-OUT SOILS

- White peat
- Black peat
- Clay
- Perlite

	GERMANY Lauterbach	GERMANY Lauterbach	GERMANY Vechta
	Fruhstorfer soil, Type P	LAT-Terra Standard P	Production-soil P*
Composition			
Art No.	01010	04080	42860
pH (CaCl₂)	5.8	5.8	5.8
Salt content (in g/l)	1.0	1.0	1.0
Fertilisation (in kg/m³)	1.0	1.0	1.0
Structure	Fine	Fine	Fine
Guidelines	Propagation	Propagation + salt-sensitive plants	Propagation




* Optionally available with clay

	BALTIC	BALTIC
	Baltic peat cultivation substrate 1	Baltic Uni 20 clay substrate 1
Composition		
Art No.	45000	45046
pH (CaCl₂)	5.8	5.8
Salt content (in g/l)	1.0	1.0
Fertilisation (in kg/m³)	1.0	1.0
Structure	Fine	Fine
Guidelines	Propagation + salt-sensitive plants	Propagation + salt-sensitive plants



All substrates available as:







SOWING SOILS

	GERMANY Lauterbach	GERMANY Vechta	BALTIC
	Fruhstorfer soil sowing + cuttings soil	Hawita sowing- + cuttings soil	Baltic peat cultivation substrate 1
Composition			
Art No.	01120	42980	45000
pH (CaCl₂)	5.8	5.8	5.8
Salt content (in g/l)	0.5	0.5	1.0
Fertilisation (in kg/m³)	0.5	0.5	1.0
Structure	Fine	Fine	Fine
Guidelines	Sowing + propagation	Sowing + propagation	Propagation + salt-sensitive plants

TRAY SUBSTRATES

	GERMANY Lauterbach	BALTIC	
	Fruhstorfer tray substrate with perlite	Hawita Baltic tray substrate	
Composition			
Art No.	05380	45025	
pH (CaCl₂)	5.8	5.8	
Salt content (in g/l)	0.5	0.8	
Fertilisation (in kg/m³)	0.5	0.5	
Structure	Extra fine	Fine	
Guidelines	Sowing into trays	Sowing into trays	

-  White peat
-  Black peat
-  Clay
-  Perlite



Propagation substrates



FLEECE POT SUBSTRATES

- White peat
- Cocopeat
- Perlite
- Styromull

GERMANY
Lauterbach

**Fruhstorfer
tray substrate
with coconut
and perlite**



GERMANY
Lauterbach

**Fruhstorfer
tray substrate
with perlite**



Composition

	05220	05380
Art No.	05220	05380
pH (CaCl ₂)	5.3	5.8
Salt content (in g/l)	0.5	0.5
Fertilisation (in kg/m ³)	0.7	0.5
Structure	Extra fine	Extra fine
Guidelines	Fleece pots	Fleece pots

Press pot substrates



PRESS POT SUBSTRATES

- White peat
- Black peat

GERMANY
Vechta

**Hawita
press pot soil
S 1000**



BALTIC

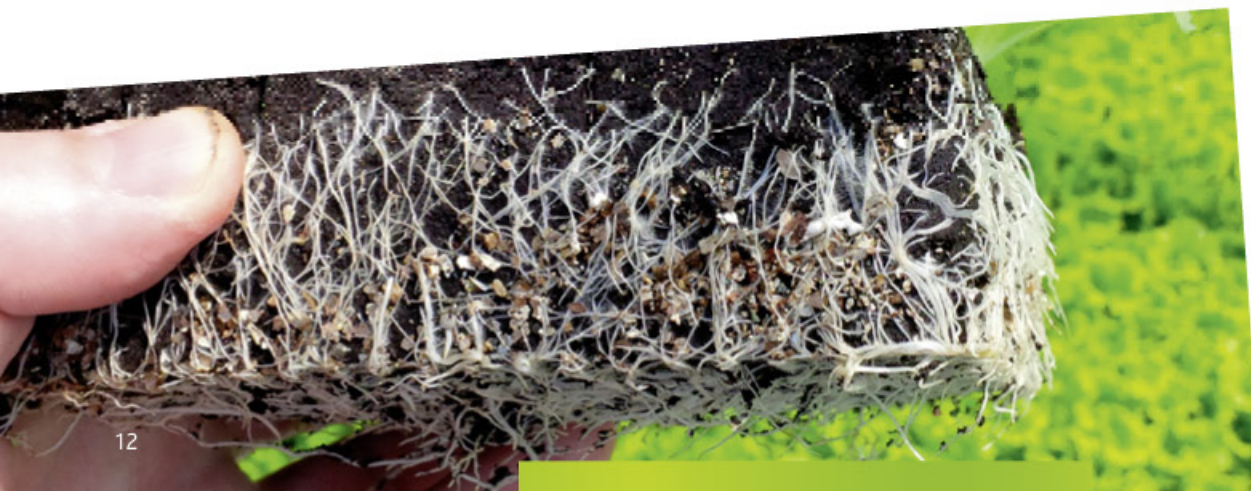
**Hawita-Balt
press pot soil**



Composition

	42090	450240
Art No.	42090	450240
pH (CaCl ₂)	6.0	5.8
Salt content (in g/l)	1.0	0.8
Fertilisation (in kg/m ³)	1.0	1.0
Structure	Fine	Fine
Guidelines	Vegetable plants	Vegetable plants

All substrates available as:



Nursery substrates



NURSERY SUBSTRATES

- White peat
- Black peat
- Clay
- Bark humus
- Coconut fibres
- Cocopeat

Composition

GERMANY
Lauterbach

Fruhstorfer soil container substrate



GERMANY
Lauterbach

Lignostrat U



GERMANY
Lauterbach

LAT-Terra Type T10



GERMANY
Vechta

Hawita production soil T*



Art No.

01150

02010

04132

42400

pH (CaCl₂)

6.0

6.0

6.0

5.8

Salt content (in g/l)

1.5

2.0

2.0

1.0

Fertilisation (in kg/m³)

1.2

1.0

1.5

1.0

Structure

Medium

Medium

Fine-medium

Medium

Guidelines

Pot substrate

Bark cultivation substrate

Pot substrate

Universal pot substrate

* Optionally available with clay (Art No. 42660)

All substrates available as:



BALTIC

Hawita Baltic peat cultivation substrate 2

Composition



BALTIC

Hawita Baltic Uni 10 clay substrate 1



BALTIC

Hawita Baltic Uni 20 clay substrate 2



Art No.

45010

45049

45044

pH (CaCl₂)

5.8

5.8

5.8

Salt content (in g/l)

2.0

1.0

1.0

Fertilisation (in kg/m³)

1.2

1.0

1.0

Structure

Medium

Medium

Medium

Guidelines

Pot substrate

Pot substrate

Pot substrate









Ornamental plant substrates







UNIVERSAL SUBSTRATES

-  White peat
-  Black peat
-  Clay
-  Perlite
-  Bark humus
-  Coconut fibres
-  Cocopeat

Composition

	GERMANY Lauterbach	GERMANY Lauterbach	GERMANY Lauterbach	GERMANY Lauterbach
	Fruhstorfer soil Type T	Fruhstorfer soil Type EP 340	Fruhstorfer soil Type EP	Fruhstorfer soil Type N
				
Art No.	01020	01320	01330	01040
pH (CaCl₂)	5.8	5.8	6.0	5.8
Salt content (in g/l)	1.5	1.0	1.1	1.5
Fertilisation (in kg/m³)	1.8	1.0	1.1	1.5
Structure	Medium	Medium	Medium	Medium
Guidelines	Universal pot substrate	Ebb-flow substrate	Ebb-flow substrate	Pot substrate

Composition

	GERMANY Lauterbach	GERMANY Lauterbach	GERMANY Lauterbach	GERMANY Lauterbach
	Fruhstorfer soil Type LD 80	LAT-Terra Standard T	LAT-Terra Coconut	Lignostrat U
				
Art No.	01130	04060	04070	02010
pH (CaCl₂)	5.8	5.8	5.8	6.0
Salt content (in g/l)	1.1	2.0	1.0	2.0
Fertilisation (in kg/m³)	4.0	1.5	1.0	1.0
Structure	Fine-medium	Medium	Fine-medium	Medium
Guidelines	Pot substrate + 3 kg LZD	Universal pot substrate	Universal pot substrate	Bark cultivation substrate

Ornamental plant substrates



UNIVERSAL SUBSTRATES

	GERMANY Vechta	GERMANY Vechta	GERMANY Vechta	BALTIC	BALTIC
	Hawita production soil T*	Hawita universal substrate TG 30	Hawita Production soil with clay and fibreboard	Hawita Baltic peat cultivation substrate 2	Hawita Baltic Uni 20 substrate
Composition					
Art No.	42400	42142	42662	45010	45045
pH (CaCl ₂)	5.8	6.0	5.8	5.8	5.8
Salt content (in g/l)	1.0	1.0	1.0	2.0	1.0
Fertilisation (in kg/m ³)	1.0	1.0	0.5	1.2	1.0
Structure	Medium	Medium	Medium	Medium	Medium
Guidelines	Universal pot substrate	Universal pot substrate	Universal pot substrate	Pot substrate	Pot substrate

* Optionally available with clay (Art No. 42660)

SPECIAL SUBSTRATE

	GERMANY Lauterbach	GERMANY Lauterbach	GERMANY Lauterbach	GERMANY Vechta	GERMANY Vechta
	Fruhstorfer soil Type primroses and violets	Fruhstorfer soil Type poinsettias	Fruhstorfer soil Type cyclamens	Hawita primrose and violet substrate	Hawita cyclamen and poinsettia soil
Composition					
Art No.	01450	01090	01170	42156	42940
pH (CaCl ₂)	6.0	6.2	6.0	5.8	6.0
Salt content (in g/l)	1.0	1.1	1.0	1.0	1.0
Fertilisation (in kg/m ³)	1.0	1.1	1.0	1.0	1.0
Structure	Fine-medium	Medium	Medium	Fine-medium	Medium
Guidelines	Pot substrate	Pot substrate	Pot substrate	Pot substrate	Pot substrate










Shrub substrates

JUST THE WAY
YOU
WANT IT!

SHRUB SUBSTRATES

-  White peat
-  Black peat
-  Clay
-  Bark humus
-  Expanded clay
-  Wood fibres

	GERMANY Lauterbach	GERMANY Lauterbach	GERMANY Vechta
Composition			
Art No.	06130	04080	42660
pH (CaCl₂)	5.8	5.8	5.8
Salt content (in g/l)	1.0	1.0	1.0
Fertilisation (in kg/m³)	1.5	1.0	1.0
Structure	Fine-medium	Fine	Medium
Guidelines	Pot substrate	Pot substrate	Pot substrate

	BALTIC	BALTIC
Composition		
Art No.	45049	45044
pH (CaCl₂)	5.8	5.8
Salt content (in g/l)	1.0	1.0
Fertilisation (in kg/m³)	1.0	1.0
Structure	Medium	Medium
Guidelines	Pot substrate	Pot substrate

All substrates available as:





Organic substrate with organic fertiliser

ORGANIC SUBSTRATES

-  White peat
-  Clay
-  Bark humus
-  Coconut fibres
-  Cocopeat
-  Green compost
-  Pumice gravel
-  Wood fibres

GERMANY
Lauterbach

GERMANY
Lauterbach

GERMANY
Lauterbach

GERMANY
Lauterbach

GERMANY
Vechta

**Fruhstorfer
organic
herb soil**
EU organic certified

**Fruhstorfer
organic
pot soil**
peat-free
EU organic certified
FiBL-CH/A

**Fruhstorfer
organic
shrub soil**

**Lignostrat
organic**
EU organic certified

**Hawita
organic
herb soil**

Composition



Art No.	01670	03010	01710	02050	42225
pH (CaCl₂)	5.8	6.0	6.0	5.8	5.8
Salt content (in g/l)	1.5	1.5	1.2	1.5	1.2
Fertilisation (in kg/m³)	Organic	Organic	Organic	Organic	Organic
Structure	Fine-medium	Medium	Medium	Fine-medium	Fine-medium
Guidelines	Pot substrate	Pot substrate	Pot substrate	Pot substrate	Propagation of herbs





Special types, Germany



SPECIAL SUBSTRATES

- White peat
- Black peat
- Clay
- Bark humus
- Expanded clay
- Green compost
- Lava

	GERMANY Lauterbach	GERMANY Lauterbach	GERMANY Lauterbach	GERMANY Lauterbach
Composition	Fruhstorfer pH-neutral soil 	Lignostrat F (cemetery soil) 	Lignostrat Roof garden, intensive 	Lignostrat Roof garden, extensive
Art No.	01140	02060	02140	02150
pH (CaCl₂)	5.8	5.8	6.0	6.0
Salt content (in g/l)	0.5	1.1	1.1	1.0
Fertilisation (in kg/m³)	–	1.0	0.6	0.4
Structure	Fine	Fine	Fine	Fine-medium
Guidelines	for own mixtures	for grave decoration plants	Roof vegetation	Roof vegetation

Special types, Baltic



PEAT-REDUCED SUBSTRATES

- White peat
- Cocopeat
- Wood fibres
- Clay

	BALTIC	BALTIC	BALTIC
Composition	Hawita Baltic Uni 20 substrate + wood fibre 	Hawita Baltic Uni 20 substrate + cocopeat 	Hawita Baltic Uni 20 substrate + wood fibre and cocopeat
Art No.	45081	45082	45083
pH (CaCl₂)	5.8	5.8	5.8
Salt content (in g/l)	1.0	1.0	1.0
Fertilisation (in kg/m³)	1.0	1.0	1.0
Structure	Medium	Medium	Medium
Guidelines	Pot substrate	Pot substrate	Pot substrate

All substrates available as:



HAWITA easypot

Under the brand »Easypot«, we sell ready-for-use fleece pots as a propagation system for ornamental plants, shrubs and perennials. From our location in Künzelsau (Germany), we deliver almost 500 mio. Easypots per year to garden centres and nurseries across the whole of Europe.

Easypot is characterised by its fast root penetration and problem-free further processing, also in case of mechanical potting. Due to the high-quality substrate mixture developed especially for the purpose, the cultivation time is shortened, which makes Easypot, together with the savings on working time, one of the most effective and rational propagation systems in horticulture.

The fleece pots are offered in different sizes from 1.5 to 7 cm in 16 different trays.



HAWITA technoplant

Our HAWITA-technoplant subsidiary, founded in the year 1990, is today a leading manufacturer of plastic plant pots. At the Emstek location (Germany), we develop and produce high-quality plant pots for commercial horticulture and hobby gardening as well as for the DIY and self-service areas - from the initial idea, via the development of the tools, right up to the use of ultra-modern injection moulding machines.

Products by HAWITA-technoplant impress with their real functional advantages. For example, their sophisticated filling and water storage devices earn them extra points in practical application. And so that this remains the case, our team from Development and Sales ensures consistent new and further development as well as a rapid reaction to customer wishes. In addition to the standard range, we also produce customer-tailored products according to individual specifications.



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good hands!

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