

FOR RESPONSIBLE GROWTH

WE GO AHEAD WITH
PEAT SUBSTITUTES

Our substrate recommendation:

- ✓ perfectly combined raw materials
- ✓ crop safety
- ✓ more climate protection



GRAMOFLOR

Quality from the start!

PEAT REDUCED PROFESSIONAL SUBSTRATES



You are wondering why we guarantee crop safety?

Simply because we can!

Peat substitutes perfectly combined.

We have been a competent partner in professional horticulture for many decades: With our professional substrates and soils, we focus on peat reduction and therefore on climate-friendly production methods. Gramoflor professional substrates are innovative and well thought out. With an average peat substitution quota of 30% across all professional substrates, our endeavour is already beyond the industry average.

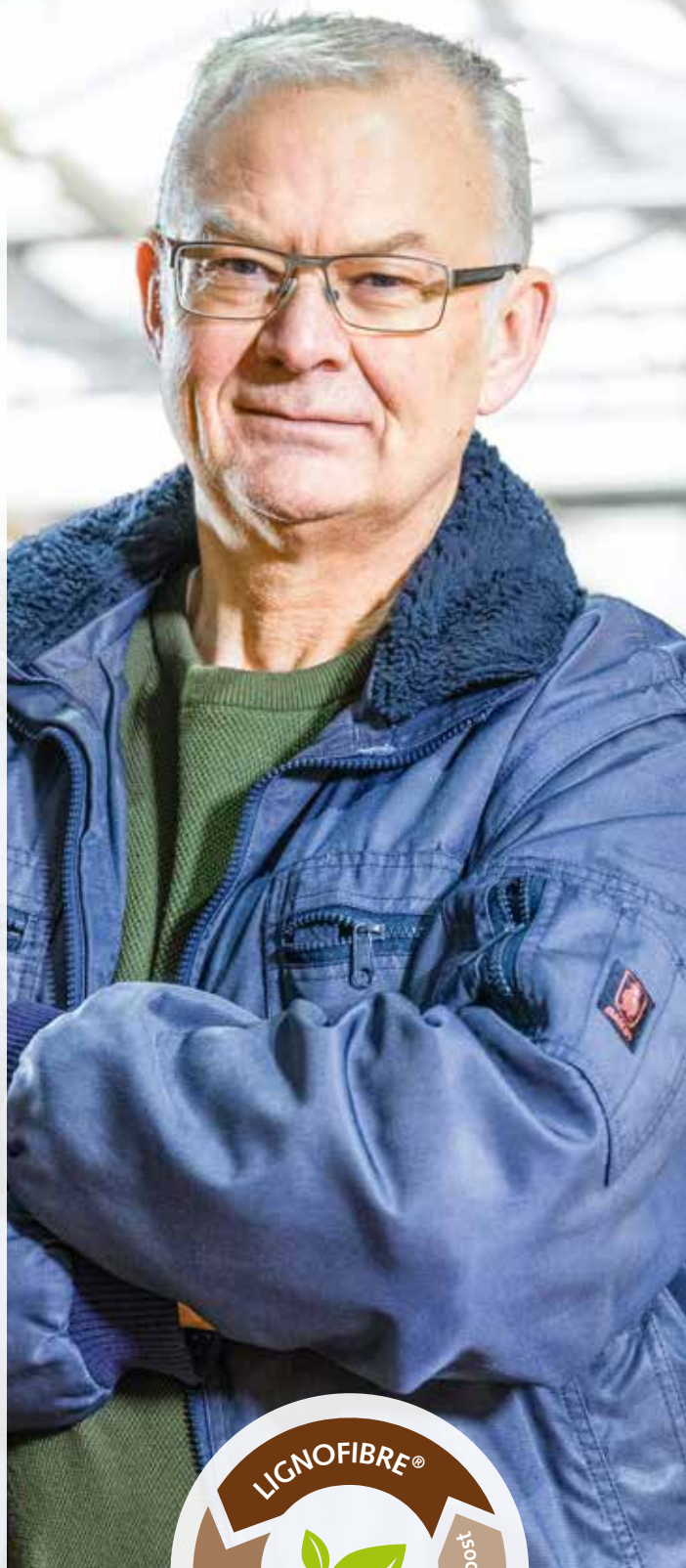
We are focussing primarily on future-orientated, alternative renewable raw materials. These include our **LIGNOFIBRE®** quality wood fibre produced in our own plant, specially processed cocopeat and quality-assured substrate compost (green cuttings waste) from our own processing.

At Gramoflor, these peat substitutes currently form the three most important pillars of peat reduction. By skilfully combining these peat substitutes and their different variants, we achieve a maximum peat substitution quota.

Our peat from northern Germany also continues to play a certain role. Combined with other components such as mineral raw materials, additives and fertilisers, we produce your ideal professional substrate.

It goes without saying that your crop safety is decisive for us. Coupled with healthy plant growth and high-yielding crops, it enables you to manage your cultivation efficiently.

Peat substitutes perfectly combined.
For crop safety and a better CO₂ balance!



OVERVIEW OF GRAMOFLOR'S PROFESSIONAL SUBSTRATES

SUBSTRATE	ARTICLE NO.	PS in %	RAW MATERIALS	AGGREGATES					TARGET-pH-VALUE (CaCl ₂)	STRUCTURE	APPLICATION
				clay	mineral fertilizer	long-term fertilizer	gramoMICRO-DEPOT	MO-Combi			
Tray superfine GF-Anz./Verm.	31883	15			X		X		5,6	superfine	vegetable (seeds), 294 & 384 trays
Aussaat Tray GF-Anz./Verm.	3821	15			X		X		5,6	superfine	vegetable (seeds), 294 & 384 trays
Gramosemi GF-Anz./Verm.	2050	15			X		X		5,8	superfine-fine	vegetable (seeds), 104 & 154 trays, bigger cones
Gramosemi+Perl GF-Anz./Verm.	2051	30			X		X		5,7	ssuperfine-fine	vegetable (seeds), 104 & 154 trays, bigger cones
Presstopf Spezial GF-Anz./Verm.	27603	25			X		X		5,6	fine	for press pots
Presstopf Tray GF-Anz./Verm.	2001	15			X		X		5,6	fine	sowing and propagation vegetables
BIO Aussaat/Semi+Depot GF-BIO	24741	40				X			5,8	fine	sowing and plug substrate, bioland-conformity
Aussaat/Vermehrung Tray 60/40 MO	23001	25			X		X	X	5,6	fine	sowing and propagation for vegetables
Tray media GF-Anz./Verm.	3236	25			X		X		5,6	medium	ornamental plants, shrubs, vegetables
Topf/Pikier GF-Topf	2003	40			X		X		5,8	medium-fibrous	pricking, pot substrate 9cm pots, universal except for bog bed plants
Topf/Pikier+TonL GF-Topf	2004	40		X	X		X		5,8	medium-fibrous	pricking, universal pot substrate 9cm pots also for primrose/violets
TR70 Universal GF-Topf	34180	70			X		X		5,5	medium-fibrous	beeding & balcony plants, perennials, potted plant from pot size 9cm
Topf GF-Topf	2005	40			X		X		5,8	medium coarse-fibrous	ornamental plants, vegetables, herbs
Topf+TonL GF-Topf	10955	40		X	X		X		5,6	medium coarse-fibrous	bed & balcony, ebb&flood systems
Topf+TonXL GF-Topf	2006	40		X	X		X		5,8	medium coarse-fibrous	universal, bed and balcony
Topf+TonXL+Depot GF-Topf	17375	40		X	X	X	X		5,8	medium coarse-fibrous	universal, bed and balcony
Topf+TonL+Perl GF-Topf	10956	35		X	X		X		5,6	medium coarse-fibrous	ornamental plants, bed & balcony
Topf-LF+TonL+Depot GF-Topf	24732	35		X	X	X	X		5,8	medium coarse-fibrous	universal, surfina
TR50 Universal GF-Topf	30820	50		X	X		X		5,8	medium coarse-fibrous	heavily peat reduced universal substrate, i.e. for B&B, shrubs, spring flowering plants, ground covers
Topf+TonL+Depot GF-Topf	13686	40		X	X	X	X		5,6	medium coarse-fibrous	shrubs, ground cover
Topf-LFc TPI GF-Topf	25936	40		X	X		X		5,8	medium coarse-fibrous	for sensible cultures in 10cm-12cm pots (poinsettia and cyclamen), medical cannabis

LEGEND
 proportion of raw materials = color bar
 PS in % = peat substitution

white peat
 black peat
 mixed peat fibre
 Cocopeat/CmF/CF (Cocofibre)
 LIGNOFIBRE® (wood fibre)
 Perlite 0-6
 expanded clay
 substrate compost
 wood chips
 bark humus

CATEGORIES
 substrate sorting

cultivation / propagation substrate
 potting substrate
 container substrate
 special substrate

SUBSTRATE	ARTICLE NO.	PS in%	RAW MATERIALS	AGGREGATES					TARGET-pH-VALUE (CaCl ₂)	STRUCTURE	APPLICATION
				clay	mineral fertilizer	long-term fertilizer	gramoMICRO-DEPOT	MO-Combi			
Topf/Pikier-LF+TonL+MO GF-Topf	24726	35		X	X		X	X	5,8	medium-medium coarse-fibrous	pricking in final pot / universal except bog plants
BIO Universal-LF+Depot GF-BIO	24727	55				X			5,8	medium-medium coarse-fibrous	herbs under glas (basil, parsley etc.), pot subst., ornamentals, bioland conformity, medical cannabis
Topf-Berry Red GF-Topf	30644	70			X		X		5,5	medium-medium coarse-fibrous	special soft berry substrate for strawberries and raspberries
Torrfrei Universal GF-Topf	32598	100			X		X		6,4	according to agreement	multifunctional / universal except for lavender
Container GF-Container	2007	35			X		X		5,8	coarse-fibrous	universal
Container+TonL GF-Container	2008	35		X	X		X		5,8	coarse-fibrous	universal
Container-LFc TPI GF-Container	25943	50			X		X		5,6	according to agreement	for sensible cultures in 14cm pots, container 2-3L (poinsettia/ cynamen), medical cannabis
Topf-LF+TonL GF-Topf	24731	50		X	X		X		5,8	according to agreement	ornamental plants, bed & balcony, herbs
Paperpot-Plus+CC+MO GF-Spezial	18321	45			X		X	X	5,7	fine	plug rooting
Paperpot-Special+Perl+MO GF-Spezial	14680	55			X		X	X	5,6	fine	plug rooting
Friedhof+Wasserspeicher GF-Spezial	4804	40		X	X				5,6	fine	plant and cover substrate
Friedhof (spezial) GF-Spezial	4450	40		X	X				5,6	fine	plant and cover substrate
Primula/Viola-TonXL GF-Spezial	3196	20		X	X		X		5,7	medium-medium coarse-fibrous	primula and viola
Primula/Viola+TonL+Depot GF-Spezial	17427	30		X	X	X	X		5,7	medium-medium coarse-fibrous	primula and viola
Calluna Topf-LF GF-Spezial	24735	40			X		X		4,2	medium coarse-fibrous	caluna
Surfinia+TonXL GF-Spezial	9443	30		X	X		X		4,8	medium coarse-fibrous	surfina
Surfinia-LFc+TonL+Depot GF-Spezial	25947	30		X	X	X	X		5,6	medium coarse-fibrous	surfina
Topf/Cont-LF+TonL+Depot GF-Spezial	28162	45		X	X	X	X	X	5,8	medium-coarse coarse-fibrous	universal pots and container substrate with long term fertilize
Cycl.-/Poins.+LFc+TonL+MO GF-Spezial	25945	40		X	X		X	X	5,8	according to agreement	cyclamen and poinsettia
GF-Containermulch GF-Spezial	31393	100							without lime	according to agreement	cover material for container pots or loosely sprinkled below shrubs

This is the link to the **Substrate Navigator**



A quick and easy tool to find your suitable substrate in our diversified product assortment.

From professionals for professionals

The production of standardised and individual substrates within the sector of professional horticulture is one of the core competencies of Gramoflor. The Gramoflor standard range of professional substrates includes suitable substrates for ornamental plant cultivation, tree nurseries, perennial plants and the cultivation of vegetables or soft fruits. In close cooperation with the experiences knowledge or the Gramoflor experts the substrate formulations are determined on site at the customer's premises.

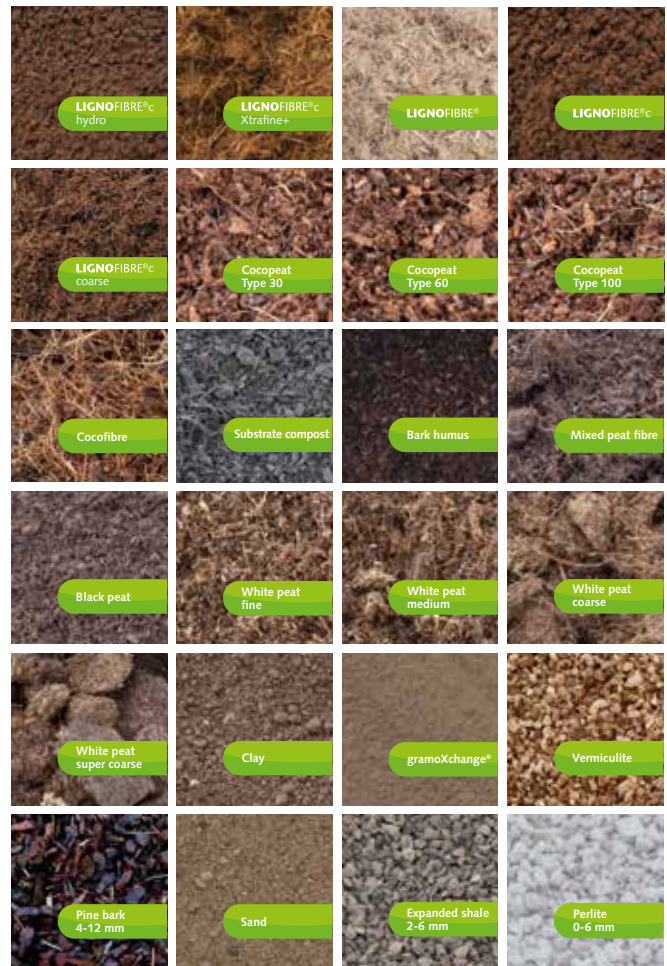
All substrates of the professional product range will be available in bulk, big bales or 70 litre bags.

Individual enquiry for Gramoflor special mixes

You are not able to find a suitable product within our professional standard range? No problem: Gramoflor also offers individual and therefore highly specialised substrate solutions according to customer-specific requirements.

The Gramoflor sales team develops the customised special mix on site together with the customer. As usually peat reduction and crop safety have the highest priority, tailored to the customer's requirements. Our Gramoflor consultants know what is important in professional cultivation management: They can look back on many years of experience and are horticultural technicians, master craftsmen or horticultural engineers. Throughout the entire cultivation period, they be on hand to offer you advice and support. As part of a comprehensive service, they analyse the customer-specific requirements of your crops. We optimise the desired properties of the substrate with the raw materials, nutrient combinations and other components.

We will be happy to supporting you in selecting your ideal professional substrate and look forward to receiving your enquiry.



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