

Forteco nursery products



Propagation cube

Made of Power coco, the Forteco propagation cube is pressed as a small plank and packed in a thin plastic bag. The side walls as well as the bottom of the cube are covered, to avoid any loss of coco material on the propagation floor. Via the drain slits, the cube absorbs nutrient solution to expand to its full size (10/10/8). Its unique water/air ratio results in a perfect growing medium for young plants. At the moment of planting, the bottom part of the plastic can be removed easily.



Propagation pot

This plastic pot makes any organic propagation plug more user friendly for the propagator! The pot carries inside the organic plug and the outer dimensions of the pot are exactly 10x10 cm. This specific square shape allows the plug to be handled automatically in a similar way as the stonewool cubes are handled. This pot also avoids any loss of organic material on the propagation floor.



Growpot

The Forteco Growpot is a growbag of 4, 5 or 6 litre that is designed to be used both as a propagation unit and a growing unit in the greenhouse. This pot allows to propagate larger plants and it brings immediate cost savings for the grower as this product has a double function (propagation cube and growbag in one).

Forteco substrates

Research centre 'De Kas'

The Research and Development department of Van der Knaap Group of Companies is located at research centre 'De Kas' in Honselersdijk. In several compartments, new Forteco products are tested.

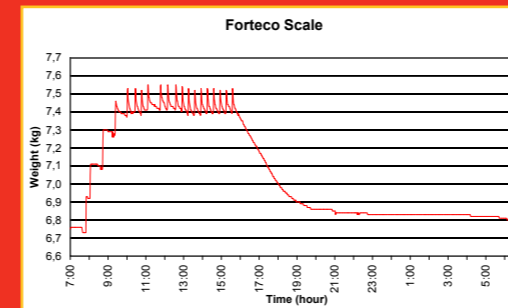


To measure is to know!

To achieve maximum output when growing on Forteco coco slabs, Forteco has designed its own weighing scales. The weight of the Forteco coco slabs is monitored continuously at one-minute intervals. The data of the weighing scales are sent to the computer via wireless communication. These data are then plotted in a graph with the utmost accuracy.



Analysis of these data allows a refinement of the irrigation strategy. Start and stop times, frequency of the irrigation and decrease of the moisture content during the night can be fine tuned based on the graphs.



Weight of the coco slab during 24 hours.



Coco substrates for professional horticulture

Forteco bv

Bovendijk 50
2295 RZ Kwintsheul
P.O. Box 136
2290 AC Watingen
Holland
Phone + 31(0)174 296606
Fax + 31(0)174 298767
E-mail forteco@vanderknaap.info
www.vanderknaap.info

van der Knaap

Forteco bv is part of Van der Knaap Group of Companies. Van der Knaap is a group of companies that specialises in developing high quality, organic solutions for rooting and growing of plants. Offering complementary activities, the Van der Knaap Group became a leader in the professional horticulture, national as well as international.

van der Knaap

Forteco bv

leader in organic substrates

Sustainable growing and generating high yields

Because of the unique characteristics of the product and due to a unique way of producing, Forteco has succeeded in creating a homogenous product with excellent growing characteristics. Over the last five years, Forteco has become the number one in coco substrates around the world.

Production locations

To be able to guarantee a continuous quality of the coco slabs, Van der Knaap Group has built their own production locations in Sri Lanka and India. Prior to shipment, the physical and chemical characteristics of the coco slabs are checked. These quality reports are provided together with the shipping documents.

Forteco coco slabs

Differences in crops and cultivars require specific steering. Therefore, Forteco has developed four different coco slabs, each with their own generative or vegetative input.



Forteco Basic

- Vegetative
- The slab has an air holding capacity of 20 volume% at full water saturation
- Made of coir pith

Forteco Profit

- Generative
- The slab has an air holding capacity of 30 volume% at full water saturation
- Made of crushed husk
- Buffered

Forteco Power

- Good vegetative and generative steering
- The slab has an air holding capacity of 25 volume% at full water saturation
- Made of crushed husk and coir pith
- Buffered

Forteco Maximum

- Maximum generative growth
- The slab has an air holding capacity of 40 volume% at full water saturation
- Made of crushed husk
- Buffered

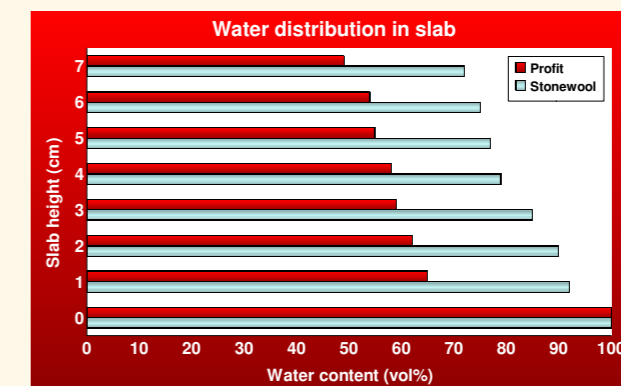
Benefits of Forteco substrates

Easy to install

Forteco coco slabs are completely 'ready to use'. Drain slits and plant holes are pre-cut and stick holes are drilled according to the wishes of the customer. This saves the grower a large amount of labour costs.

Maximum steering ability

A high air holding capacity is an important quality aspect of a Forteco slab. Consequently, each slab has an important drainage capacity resulting in an excellent steering of the crop. The coco slabs have sufficient capillarity to allow 'dry growing' without risking a reduced water uptake during the different growing phases. The total substrate volume remains available for the plant.



Moisture content in a Profit slab.

Excellent rooting

Plants root in very easily in Forteco coco slabs, because of their unique air/water ratio. Roots are distributed throughout the entire substrate. This will result in extra vigour during the summer season.

Stable structure

Due to the high air holding capacity, the structure of the Forteco coco slabs is very stable. It even lasts more than one season. Coco slabs are therefore suitable for multiple year cultivation of crops.

Easily recyclable

Coco is a raw material that is 100% organic and can be completely recycled as a soil improver. In other words, coco slabs have an important residual value!

