

Innovation 2018

Kleeschulte substrate fibre topora® aqua

Substrate fibre with water-collecting properties



topora® aqua

Product description:

topora® aqua is conceived as a sustainable substrate component with optimized water-collecting properties. The product is particularly suitable for water-saving components in peat-reduced and peat-free substrates and as a sustainable alternative to coco peat.

In addition to the water-saving properties, topora® aqua absorbs excess moisture and effectively reduces the volume/transport weight of substrate mixtures due to the low tare weight.

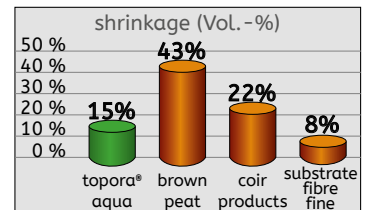
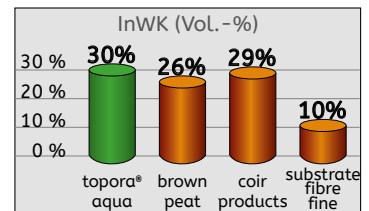
Application and characteristics:

- first substrate fibre with water-collecting properties
- ecological alternative to coconut and peat products
- optimised water absorption and water storage
- CO₂-Footprint on very low level
- sustainable product from renewable raw materials
- professional quality with N-immobilization at low level
- excellent rooting characteristics
- low weight for optimized volume weights/transport weights
- meets the criteria of RAL quality (german quality assurance system).

- ecological alternative to coconut and peat
- optimised transport weight
- regional raw material

Nutrient content:

pH-value (Ca Cl ₂):	4.5
salt content:	< 0.1 g/l
N total:	< 50 mg/l
P ₂ O ₅ :	< 50 mg/l
K ₂ O:	< 50 mg/l
Dimensional weight:	95 g/l
N-immobilisation:	<130 mg N/l



(originator: Hagen Knafsa, Horticon. From survey report on physical parameters constituents of horticultural growing media in particular the substrate topora® aqua.)