

CULTIVATION OF FLOWERS

Hortiscape Rings

Hortiscape Rings are specially designed for the hydroponic cultivation of flowers in pots. Hortiscape Rings are durable and environmentally friendly growing media, which hold water for a long time, and are suitable for multi-year use. The sizes of Hortiscape HTC Rings can be adjusted to the size of the plugs. The growing medium enables optimal growing conditions and has superior water-storage capacities and release capabilities, making water and nutrients easily accessible to plants.

Thanks to the characteristics of the growing medium (perfect water:air ratio), roots can grow and penetrate easily and quickly, which provides an excellent basis for strong plant growth. HTC Rings enable plants to stand firmly in the pot by fixing the plug and consequently make it easy to harvest without the plant being pulled out. The hole in the disc can be adjusted to the size of the plugs as well as to the size of the pot.



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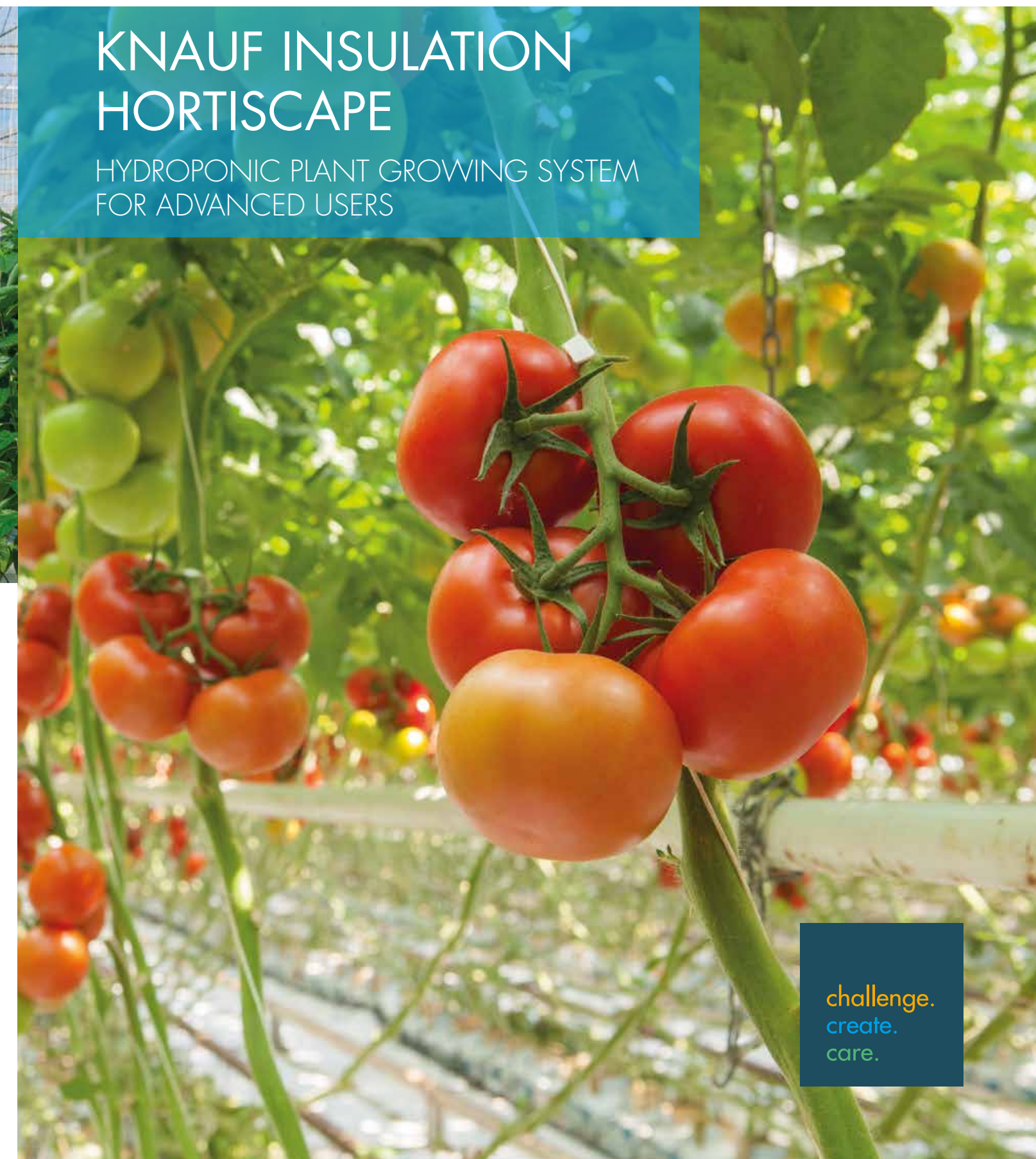
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KNAUF INSULATION HORTISCAPE

HYDROPONIC PLANT GROWING SYSTEM
FOR ADVANCED USERS



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challenge.
create.
care.

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care.

HORTISCAPE CORE PRODUCTS

For further converting into appropriate growing media shapes

CONVERTED PRODUCT LINE FOR PROFESSIONAL GROWING OF VEGETABLES

WHY CHOOSE KNAUF INSULATION HORTISCAPE GROWING MEDIA?

BENEFITS



Excellent water absorption



Improved root growth



Innovative horticulture solution



Perfect water and air ratio



Thanks to their exceptional properties Knauf Insulation Hortiscape products ensure optimum development of the root system and promote quality plant growth through all stages of development:

- improved absorption of water and dissolved nutrients
- optimal –water:air ratio
- the possibility to regulate the type and quantity of nutrients, pH and EC values in the growing medium*.

*Nutrients required for growth should be added to the growing medium separately.



Hortiscape core products are made of rock mineral wool fibre. Thanks to their optimised properties, they are perfect high-quality growing media, used for the hydroponic cultivation of vegetables, herbs and flowers.

They can be used for the production of a wide range of professional horticultural products, including:

- propagation plugs
- propagation blocks
- growing slabs
- small cubes used for pot cultivation

HTC BOARD PF Traditional Growing Medium

Hortiscape™ HTC BOARD PF is made of rock mineral wool fibre bound with PF binder. Due to its optimised properties, it is the perfect ultra-light and dimensionally stable high-quality growing medium.

Available in different densities, thicknesses and tailor-made dimensions according to customer needs. Thicker versions up to 250 mm can be obtained as a non-standard version. Ready for use as pH neutral.



Length	1000, 1200 or 2000 mm
Width	600 or 1000 mm
Thickness	50–200 mm
Density	40–100 kg/m ³

HTC BOARD ET Premium Growing Medium

Hortiscape™ HTC BOARD ET is made of rock mineral wool fibre bound with a patented sustainable ECOSE binder that is based on natural resources. Because of its optimised properties it is the perfect ultra-light and dimensionally stable high-quality growing medium.

Available in different densities, thicknesses and tailor-made dimensions according to customer needs. Thicker versions up to 250 mm can be obtained as a non-standard version. Ready for use as pH neutral.

Length	1000, 1200 or 2000 mm
Width	600 or 1000 mm
Thickness	50–200 mm
Density	40–100 kg/m ³



An innovative solution for the professional horticulture market



The new generation of rock mineral wool growing media is made from volcanic rock with a bio-based formula binder manufactured without added formaldehyde or added artificial dyes. The binder used in our Mineral Wool with ECOSE Technology is mainly derived from rapidly renewable materials.

The Mineral Wool with ECOSE Technology manufactured at our European, Russian and CIS manufacturing plants are manufactured in sites certified with four key international management standards namely ISO 9001 (Quality Management), ISO 14001 (Environmental Management), ISO 50001 (Energy Management) and OHSAS 18001 (Health and Safety Management) for all our Europe, Russia and CIS Plants.



No added phenolformaldehyde

HORTISCAPE PLUGS Ø28 / Ø38 The tray with the selected size of rock mineral wool plugs

Hortiscape Plugs is used to grow seedlings from seeds. When the seedling is large enough to be transplanted, simply transfer the plug to the Hortiscape Block 75 cube (with a suitable hole); this will allow optimum growth of the young plant. When the root system in the cube is sufficiently developed, place the cube on a suitable Hortiscape Slab 100 slab.

Product dimensions:

- **Hortiscape Plugs Ø28:**
tray with Ø28mm plugs (height 40mm) – 126 pcs/tray
- **Hortiscape Plugs Ø38:**
a tray with Ø38mm plugs (height 40mm) – 84 pcs/tray



HORTISCAPE BLOCK 75 Ø28 / Ø38

Made of rock mineral wool, **Hortiscape Block 75** (Ø 28 or Ø 38 hole) offers the optimum growing conditions for seedlings. These should subsequently be transferred to Hortiscape Slab.

Product dimensions:

- **Hortiscape Block 75 Ø28:**
cube 75 × 75 × 65 mm with a Ø28mm hole
- **Hortiscape Block 75 Ø38:**
cube 75 × 75 × 65 mm with a Ø35 mm hole



HORTISCAPE SLAB 100

Hortiscape Slab 100 growing slabs are suitable for growing a variety of plants (cucumbers, tomatoes, peppers and similar). Growing plants in slabs stimulates the development of the root system and provides for high-quality crops. Slabs are suitable for indoor hydroponic systems. We recommend they be used with other Hortiscape products.

Product dimensions: Hortiscape Slab 100: slab 1000 × 150 × 75 mm



EASY TO USE

