

Stone Wool Substrate Catalog



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Stone Wool Substrate

Begrow is an international company with profound experience in stone wool substrate production and widespread distribution network.

Begrow substrate is made of hydrophilic stone wool and used for hydroponic cultivation of vegetables, lettuces, flowers in high-tech greenhouses.

Begrow substrate provides improved plant growth control, optimal water and fertilizer consumption, helps to maintain nutritional and pH targets.

Begrow substrate is inert and non-pathogenic, hydrophilic, does not change its properties during operation, does not absorb nutrients, easily manageable, chemically and mechanically stable.

Key Benefits

-  Improved Plant Growth Control
-  Optimal Water and Fertilizer Consumption
-  Maintains Nutritional and pH Targets
-  Inert and Non-Pathogenic
-  Hydrophilic and Consistent Properties
-  Easily Manageable
-  Chemically and Mechanically Stable



Different Applications



Greenhouse



Hydroponic cultivation



Nurseries

Composition (%w/w)

Hydrophilic stone wool **100%**

Dimensions



Plug

20mm x 27mm

*Alternative sizes are possible on request



Cube

72mm x 75mm x 65mm

100mm x 100mm x 65mm

150mm x 100mm x 65mm

*Alternative sizes are possible on request



Slab

72mm x 75mm x 65mm

100mm x 100mm x 65mm

150mm x 100mm x 65mm

*Alternative sizes are possible on request

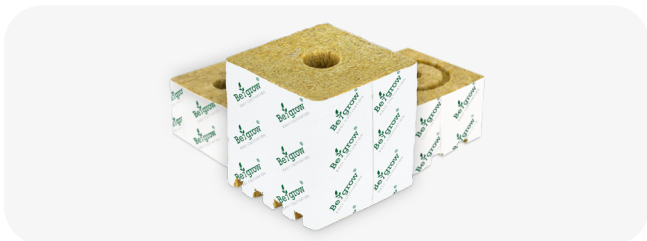
Solutions

Stone Wool Plug



Begrow stone wool plug is used for propagation of the seedlings followed by further growing in cubes or slabs. For the plant propagation plug is usually placed in propagation tray.

Stone Wool Cube

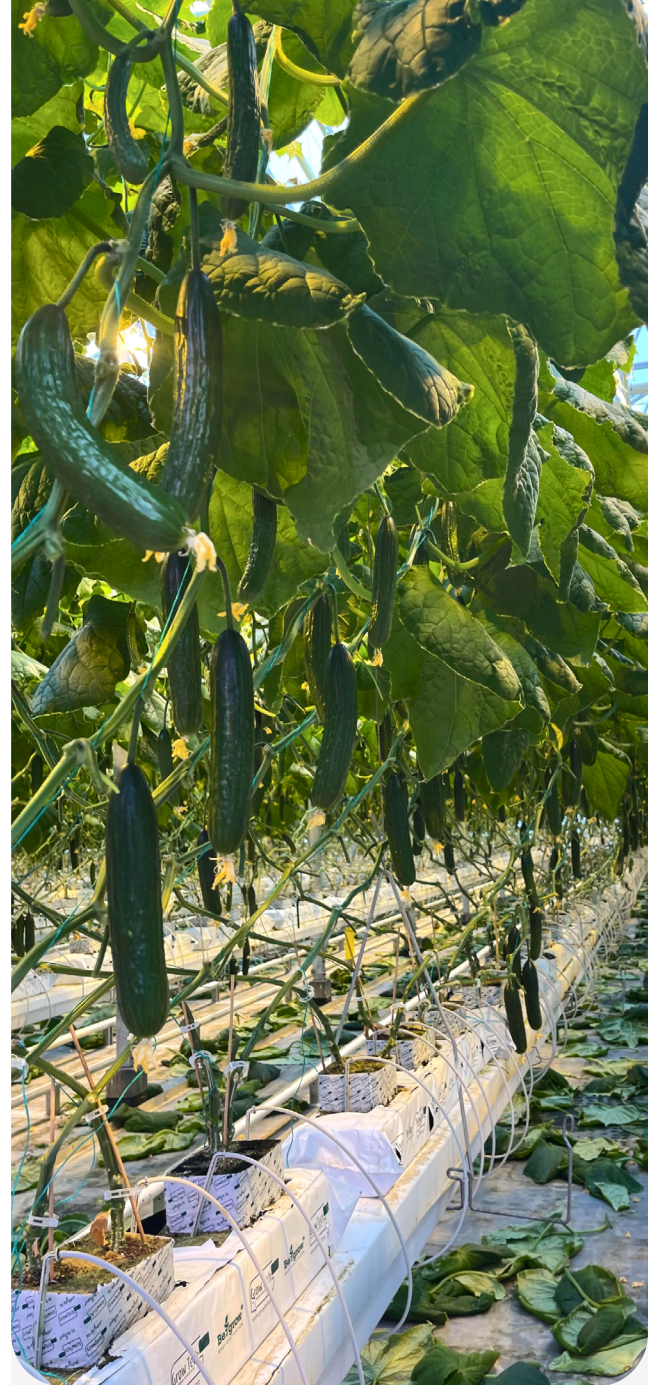


Begrow stone wool cube provides healthy root system, strong plant with a good balance of vegetative and generative development and easy management of growth processes. Cube is purposed for growing young plants of vegetables and flowers.

Stone Wool Slab



Begrow stone wool slab is used as the main habitat of the root system of the plant in high-tech cultivation. Mineral wool slab has sufficient moisture-consuming level, which makes it possible to water the plants less frequently and thus save water resources and fertilizers.



Begrow[®]
EASY CULTIVATION



15 years of manufacturing experience



Worldwide shipping



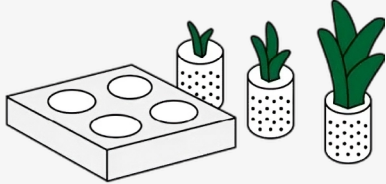
High level of quality control



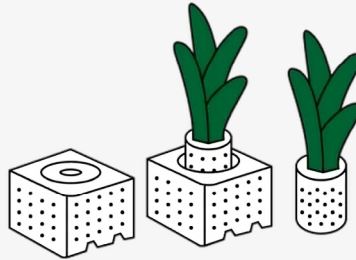
Open for new cooperation



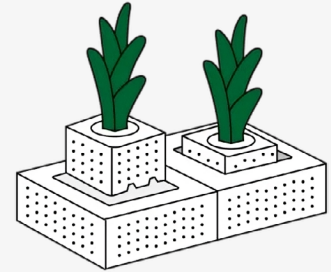
Example of usage of stone wool substrate:



1. Sow your seeds in plugs.
Germinate your seeds.



2. Insert your seedlings into the
cubes of proper size.



3. Transplant your cubes with
germinated seedlings directly
into the stone wool slab.

**We have more than 15 years of
experience in manufacturing and
distribution within three continents:
Europe, Asia and North America.**

Hydrophilic stone wool is the basic material for manufacturing substrate that helps to preserve its major properties while using. It does not absorb nutrients and is characterized by chemical and mechanical stability.

Our substrate is inert, hydrophilic and prevents plant diseases. Substrate enables hydroponic farming management to be more effective.

Begrow substrate is the best solution for high-tech greenhouses and greenhouse facilities. Suitable for growing cucumbers, peppers, tomatoes, eggplants and other vegetables or salads.

Such flowers as roses and gerberas are also cultivated in stone wool substrate, as well as medical cannabis in countries where it is legalized.





Stone Wool Substrate Catalog



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