

Grodan Elite

Product data sheet



The Grodan Elite stone wool slab, based on NG2.0 technology, is a unique and innovative substrate for the high-tech cultivation of tomatoes. The special structure of the slab promotes strong, finely-branched root development. The outstanding horizontal and vertical water distribution allow

quick and accurate control of the WC and EC in the slab. Grodan Elite pushes the boundaries of crop performance and increases your profits. The adapted irrigation strategy ensures the right balance and interaction between the climate, plant characteristics and the root zone environment.

Grodan Elite

Grodan Elite is a unique and innovative substrate optimised for tomato growing in a high-tech environment.



45-80%

Control range

Product characteristics

Elite's special dual-layer slab structure promotes strong, finely-branched root development at the start of cultivation. This also ensures optimal refreshment of the nutrient water.

Block-slab combination

The Plantop NG2.0 block and the Grodan Elite slab are both based on the same NG2.0 technology and are perfectly compatible. The uniform structure guarantees continuous root development in both blocks and slabs throughout the entire growing season. The Grodan Elite also makes a perfect match with the Grodan Pro block, which is based on Vision technology. The strong stability and stick firmness of the substrate make the Pro block the best choice for

growers who highly value improved handling of blocks in automated processes, while retaining an optimal water and air balance in the block.

NG2.0 Technology

NG2.0 is the successor of the Next Generation Technology and adds new benefits to the existing advantages. Water distribution is even more uniform and the crop utilises the total substrate volume better. Continual new growth of roots in both the block and the slab results in a healthier and more vigorous crop throughout the whole growing season. These benefits translate into higher yields, improved fruit quality and reduce the sensitivity of the crop to diseases. The technology is available in plugs, blocks and slabs.

Product functionality		Water distribution over the height		Product specifications
WC control range (practical conditions)	45-80%	0	50	<ul style="list-style-type: none"> • Single-year, 10 cm high slab • Optimised dual density slab structure • With extra light-tight foil
		0	50	
Resaturation after 1 day from 50%	71%	0	44	
		0	56	
Resaturation after 1 day with a week at 30%	68%			
WC uniformity within one slab	★★★★★			
Irrigation efficiency	★★★★★			

Key benefits

- Efficient root system
- Vital and healthier crops
- Higher production

Grodan

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Our information is compiled with the greatest possible care and according to the latest technological developments, however this information is non-binding at all times – May 2019 Grodan is part of the ROCKWOOL Group