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PERLIGRAN®

01/2014

PERLIGRAN® Classic

The all-natural inorganic amendment
for growing media.

PERLIGRAN® – more air for more growth.

PERLIGRAN® from KNAUF AQUAPANEL is a 100% natural amendment for your growing media. Manufactured from natural perlite, a high-grade mineral derived from volcanic matter, PERLIGRAN® is specifically designed for use in substrates or as a soilless growing medium for vegetables and cut flowers.

PERLIGRAN® Classic. For growing challenges.

Thanks to its homogenous porosity, higher water absorption capacity and superior wettability, PERLIGRAN® is the ideal basis for the healthy growth of plants' roots. PERLIGRAN® Classic is especially suitable for use as an amendment in hobby and commercial substrates, but it also performs admirably in garden and landscape applications. In particular PERLIGRAN® Classic's durable structure and aeration features make it the perfect choice for tree and shrub plantings or for especially challenging native ground.

- principal substrates additive: improvement of water and aeration characteristics as well as structural stability with minimum mix or volume loss thanks to the balanced grading (reduced percentage of fine particles)
- suitable as amendment for any substrat, e.g. potting mix for retail sale
- for beds and containers
- soil amendment for commercial substrates; better aeration for more challenging varieties, such as anthuriums, asteraceae, roses, poinsettia, herbs, perennial herbaceous plants and many more
- all-natural mineral media amendment for landscaping applications with heavy, wet soil

Properties.

- porous structure
- optimum aeration
- improved wettability
- increased water storage volume
- superb capillary action and good drainage
- less weight
- chemical inertness
- free of harmful substances, weed seeds, bacteria, mould, etc.
- RHP-certified
- non-flammable



You reap the benefits.

- controlled RHP quality
- company-owned source of raw material within Europe
- service and qualified assistance from horticulture specialists
- noticeably less mix and volume losses

Product variants.

- PERLIGRAN® Classic
- PERLIGRAN® Medium
- PERLIGRAN® Extra
- PERLIGRAN® Premium
- Grow Bag

Physical properties.

pH	6–8.5
Particle size	0–6 mm
True density	2.0–2.2 g/cm ³
Bulk (poured) density	90 kg/m ³ ± 20%
Compressive strength (10 % compaction)	> 70 kPa
Hygroscopic EMC	< 1.5% of weight



PERLIGRAN® is 100% pure quality by nature.



Tender seedlings feel at home in PERLIGRAN®.

KNAUF AQUAPANEL – premium through experience.

When you choose PERLIGRAN®, you get more – now and in the future – including all the benefits the quality leader in horticulture expertise and innovation offers. KNAUF AQUAPANEL is the right choice for many reasons:

- three manufacturing facilities:
Dortmund, Bülstringen, Neuburg a. d. Donau
- short lead times
- locally sited
- lower shipping costs
- promise of high quality

PERLIGRAN®

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