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PERLIGRAN®

01/2014

PERLIGRAN® Medium

The ideal soil amendment and hydroponic medium for seedlings.

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® Medium. The best protection for fine roots.

Thanks to its homogenous porosity, higher water absorption capacity and superior wettability, PERLIGRAN® is the perfect basis for the healthy growth of plants' roots. PERLIGRAN® Medium is an optimum seed cover, as it protects seeds from the sun while maintaining the moist conditions they require to germinate. In addition, PERLIGRAN® Medium is the preferred amendment choice in substrates for young plants, grass or as a soilless medium for vegetables. This is because its stabilising structure and finely graded grains allow young roots and tender seedlings to mature into high-yielding organisms.

- all-natural inorganic soil amendment for lighter soils with lower water retention capacity in landscaping applications
- hydroponic growing of vegetables, such as tomatoes, etc.
- inorganic, natural conditioner for young plant soil, seedling substrates, nursery flats for young plants and cuttings
- for varieties that require more water
- for soil or plant varieties that have special requirements

Properties.

- porous structure
- optimum aeration
- improved wettability
- increased water retention
- 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.

- premium quality
- controlled compliance with RHP standards
- company-owned source of raw material within Europe
- service and qualified assistance from horticulture specialists
- advantage for substrates: noticeably less mix and volume losses
- advantage for hydroponic growing: thanks to disinfecting action of steam sterilisation, PERLIGRAN® may be reused up to five times
- recyclable as soil conditioner as per EU soil amendment regulations

Product variants.

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

Physical properties.

pH	6–8.5
Particle size	0–3 mm
True density	2.0–2.2 g/cm ³
Bulk (poured) density	80 kg/m ³ ± 20%
Hygroscopic EMC	< 1.5% of weight



PERLIGRAN® is 100% pure quality by nature.



Tender seedlings feel at home in PERLIGRAN® Medium.

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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