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PERLIGRAN®

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PERLIGRAN® Extra

The all-natural inorganic growing media amendment for challenging plants.

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® Extra. Breath for every root.

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® Extra is ideal for demanding soil and growing needs that require a very high degree of porosity, such as is the case with roses, poinsettia, anthuriums, etc.

- improves commercial substrates
- for varieties that require a great deal of growing media porosity
- for perennial herbaceous plant substrates
- for rose and tree nursery substrates
- hydroponic growing
- improves aeration, which many demanding plants require, such as anthuriums, asteraceae, poinsettia, herbs and many more

Properties.

- porous structure
- single-screened
- very minimum portion of fine particles, which prevents the sinking of media due to transport, planting, watering, or the gradual separation of the mix in containers. Impedes the forming of granulation layers in media that could have different water and air capacities
- less loss through mixing
- optimum aeration
- improved wettability
- increased water retention
- superb capillary action and good drainage
- less weight
- chemical inertness
- free of harmful substances
- 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
- 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	< 8.5
Particle size	2–6 mm
True density	2.0–2.2 g/cm ³
Bulk (poured) density	85 kg/m ³ ± 20%
Hygroscopic EMC	< 1.5% of weight



PERLIGRAN® is 100% pure quality by nature.



Fine roots and challenging plants choose PERLIGRAN® Extra.

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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