

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

PHYSICAL PROPERTIES

pH	Ø 7
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

PRODUCT VARIANTS

- > PERLIGRAN® Classic
- > PERLIGRAN® Extra
- > PERLIGRAN® Medium
- > PERLIGRAN® Premium
- > PERLIGRAN® Organic



- > three production facilities: Dortmund, Bülstringen, Neuburg a. d. Donau
- > short delivery routes and times
- > low transport costs
- > guaranteed availability
- > promise of high quality