

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

PHYSICAL PROPERTIES

Particle size	2-6 mm
Screening	1x screening
pH	Ø 7
True density	2,0-2,2 g/cm ³
Bulk (poured) density	85 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