

## PERLIGRAN® PREMIUM

The all-natural inorganic medium  
for pure growth.



## 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® PREMIUM. THE BEST GROWING ENVIRONMENT

Thanks to its homogenous porosity, high water absorption capacity and superior wettability, PERLIGRAN® is the perfect basis for the healthy growth of plants' roots. PERLIGRAN® Premium is double-screened, absolutely dust-free and, due to its especially high-grade quality, ideally suited for hydroponic growing. PERLIGRAN® Premium gives cut flowers and vegetables the environment they need to produce at their highest levels.

- > high-grade product for pure hydroponic growing
- > possesses the unique qualities required for soilless growing of cut flowers and vegetables

## PROPERTIES

- > porous structure
- > double-screened
- > completely dust-free
- > optimum aeration
- > improved wettability
- > features consistent air pore volume and water capacity throughout entire media
- > superb capillary action, which ensures uniform distribution of water in container
- > less weight
- > chemical inertness
- > free of harmful substances
- > 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 hydroponic growing: disinfecting action of steam sterilisation allows PERLIGRAN® to be reused up to five times
- > thanks to the homogenous air porosity and uniform distribution of water, plants have the entire container volume at their disposal
- > no forming of horizons or separation in plant containers
- > recyclable as soil conditioner as per EU soil amendment regulations

## PHYSICAL PROPERTIES

<b>Particle size</b>	2–6 mm
<b>Screening</b>	2x screening
<b>pH</b>	Ø 7
<b>True density</b>	2,0–2,2 g/cm <sup>3</sup>
<b>Bulk (poured) density</b>	90 kg/m <sup>3</sup> ± 20 %
<b>Hygroscopic EMC</b>	< 1.5% of weight

## PRODUCT VARIANTS

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



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## KNAUF AQUAPANEL – Experienced premium manufacturer

By choosing PERLIGRAN® you will benefit from the know-how and innovation of the quality leader in gardening. KNAUF AQUAPANEL stands for products that help to shape the future – with good reasons:

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