

## PERLIGRAN<sup>®</sup> ORGANIC

Mineral soil additive and substrate improver for organic farming and horticulture.



## PERLIGRAN® – MORE AIR FOR BETTER GROWTH

PERLIGRAN® is a 100 % natural, soil-improving additive made by KNAUF AQUAPANEL. The product was especially developed as an additive for any horticulture substrates as well as a pure base for growing of vegetables or cut flowers. PERLIGRAN® is based on natural perlite, a high-quality mineral of volcanic origin.



## PERLIGRAN® ORGANIC. DESIGNED FOR ORGANIC SUBSTRATES

Organic products are becoming increasingly important, also in the area of horticulture. But organic substrates often fail to deliver the desired results. The substrates are badly structured, their drainage and aeration often insufficient. And with compost as an additive, the soil and substrate will get continuously muddier, as the compost is in a steady decomposing process. On this account we have developed PERLIGRAN® Organic. Its base is – naturally – perlite. But the purely mineral natural product is mixed with humic acid, a natural colouring, which gives it a darker colour.

- > for organic pot herb substrates
- > for organic hobby and end consumer substrates
- > for organic urban gardening substrates with a long lifespan
- > for organic special soils with high ventilation and drainage requirements
- > for organic shrub substrates
- > for organic pot plant substrates
- > for organic rosary and tree nursery substrates
- > also suitable for hydroponic use
- > more soil ventilation for highly demanding plant (anthuriums, gerbera, poinsettia, herbs and many more)

## FEATURES AND AREAS OF USE FOR PERLIGRAN® ORGANIC

### Organic hobby substrate

- > weight reduction
- > better ventilation through high pore volume
- > sustainable drainage effect
- > better structure – less sagging of the substrate
- > resulting in longer lifespan for permanent plantings

### Organic pot herb substrate

- > better drainage
- > less fungus infection
- > reduced water logging
- > improved ventilation – therefore more fibre roots

### Organic vegetable substrate

- > very good drainage
- > more fibre root development
- > microbiological activation through humic acids – therefore more robust and resilient plants

## PHYSICAL PROPERTIES

<b>Particle size</b>	2–6 mm
<b>Screening</b>	1x screening
<b>Moisture content</b>	20 % (weight)
<b>Bulk (poured) density</b>	90 kg/m <sup>3</sup> ± 20 %
<b>Delivery form</b>	Big Bag 1,7 m <sup>3</sup>

## 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