

Urbanscape® Green Cubes



Description

Urbanscape® Green Cubes are made of needled rock mineral wool. Green Cubes are used as a growing medium for the professional cultivation of plants or as a high quality additive used to improve soil and save water in a variety of different landscaping applications. Urbanscape® landscaping and landscape-shaping materials are made from natural, locally sourced volcanic rock. Rock mineral fibres are produced in a heating process entirely without any chemical binders and have superior water storage and release capabilities that make water and nutrients easily accessible to plants. This in turn improves soil structure and reduces environmental stress on plants.

Where to use it

- Landscaping applications (planting pits, garden beds)
- Containers
- Pots

Usage / Installation

- Mix with any substrate or other growing media to improve water retention capacity and aeration. Water in the planting container is evenly distributed and intervals between watering are longer.
- Mix into sandy or loamy soil to improve soil aeration and water distribution. Water is easily available for plant uptake.
- We recommend mixing at least 20% of Green Cubes into the growing medium.
- The more you add, the better results are achieved.

1. Simple to use

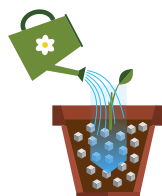


Mix Green Cubes with the substrate at a ratio of 1:5 (1/5 cubes with 4/5 substrate). The proportion of cubes can be increased when planting plants with more demanding water requirements.



Prepare the planting pit. Mix Green Cubes with the prepared soil at a ratio of 1:5 (1/5 cubes mixed with 4/5 substrate).

2. Usual care



Place the mixture in a pot. Place the plant in the ready-made mixture and water thoroughly. The cubes should be covered with soil.

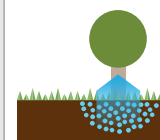


Plant the tree or bush, cover all exposed roots with the mixture and water. Cubes should be covered with soil.

3. Less watering



Green Cubes retain additional water so that the plant may access it as required.



Green Cubes retain additional water so that the shrubs and trees may access it as required.

Recommendations

By adding the Urbanscape® Green Cubes to the soil you achieve:

- better growing medium characteristics
- less environmental stress on the plants
- growth and roots' development
- better plant vigour & resistance

Especially recommended for outdoor growing.

Mixing regular soil with Urbanscape® Green Cubes improves soil structure and produces higher yields. At the same time watering frequency can be reduced by up to 50%. Results may vary due to the type of soil, vegetation and climatic conditions. It is recommended to mix at least 20% of Green Cubes into regular soil or substrate. The more cubes you add, the better results are achieved.

Technical Properties of Urbanscape® Green Cubes

| Characteristic | Unit | Value | Standard |
|---------------------------|---|--------------------------------|----------|
| Specific weight | kg/m ³ (lb/ft ³) | 110 (6.87) | |
| Ignition loos | %wt | max. 0.2 | 6 |
| Fibre diameter | µm (µin) | approx. 4.5 (177) | SK_109 |
| Cube size | mm (in) | 20 × 20 × 20 (0.8 × 0.8 × 0.8) | |
| Colour | | Grey/Green | |
| pH (CaCl ₂) | | 7.5 | |
| Initial water absorption* | times | 7 | |

*The ratio of the weight of water absorbed by a material to the weight of the dry material. Certificates: EUCEB, RAL, ISO 9001, ISO 14001, OHSAS 18001

Packaging of Urbanscape® Green Cubes

| Product | pallet size | weight/pallet | pallet/cont (HC 40ft) | pallet/truck (44.6ft) | Btto weight/truck (44.6ft) |
|---------------------------|-----------------------|---------------|-----------------------|-----------------------|----------------------------|
| Green Cubes 2 kg (463201) | 1000 × 1200 × 1150 mm | 180 kg | 40 | 52 | 9.360 kg |
| | 3.3 × 3.9 × 3.8 ft | 396 lb | 40 | 52 | 20.635 lb |

Benefits



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Knauf Insulation d.o.o.

Trata 32, 4220 Škofja Loka, Slovenia

Tel: +386 (0)4 5114 000

E-mail: urbanscape@knaufinsulation.com

www.urbanscape-architecture.com