PRODUCT DATA SHEET

OPTIGRÜN WKK

Water Conduction Channel



As linear drainage to support the guidance of excess water from drainage and substrate layers. The profiles can be fitted together using a simple click fastening system to form endless lengths.

Material	Recycled plastic (ABS)
Colour	Black
Dimensions	Length: 1,090 mm (including end pots) Working length 1,000 mm Width: 100 mm Height: 50 mm
Cross-section profile	Semi-circular
Drainage capacity	approx. 1.13 l/s with 0.0% roof pitch approx. 1.22 l/s with 1.0% roof pitch approx. 1.24 l/s with 2.0% roof pitch approx. 1.25 l/s with 3.0% roof pitch
Minimum purchase quantity	30 pieces
Quantity/ delivered unit	1 cardboard box with 30 piece or 1 pallet with 10 cardboard boxes (300 pieces)
Pack size	Cardboard box approx. 1,100 x 400 x 350 mm Euro pallet approx. 1,200 x 800 x 1,500 mm
Delivery form	according to size of order by parcel shipment or on euro pallets by forwarding agent
Delivery weight	approx. 0.4 kg / piece approx. 12.0 kg / cardboard box Approx. 155.0 kg / euro pallet
Measurement	Precise measuring of quantity, modular dimensions and max. flow lengths requires a calculation of the excess water present based on the local rainfall, the planned layer structure and the size of the catchment area, taking into account the discharge coefficient to be applied.

Area of use

- On roof areas up to approx. 5° roof pitch
- To support the guidance of excess water into drainage and substrate layers with flow lengths over 6-10 m
- Can be combined with inspection chambers, Water Conduction Channels WKA, Water Conduction Gutters WRA and edge trim via pre-cut connection options

Specific properties

- Targeted, resistance-free drainage of excess water
- The height of the system structure above remains unaffected, thus greater space for roots
- No floating of the profiles as with round pipes.
- Simple and variable laying
- Rapid guidance of excess water with siphonic drainage

Datasheet Item No. 15055 WKK Last Update 14.12.2022

The preceding details are guideline values established under laboratory conditions. These values are subject to a certain manufacturing tolerance. The data contained in this product information sheet represents Optigrün's technical knowledge at the time of publication. Optigrün reserves the right to change and update details in accordance with new insights and to modify specified properties accordingly. No liability accepted for misprints.

Optigrün international AG
Am Birkenstock 15 – 19,
72505 Krauchenwies-Göggingen
Tel. +49 7576 772-0, Fax +49 7576 772-299, info@optigruen.de

Optigreen Limited (Service UK only)
Suite G5 Albany Chambers, 26 Bridge Road East
Welwyn Garden City (Herts), AL7 1HL
Phone +44 203 5899400, Fax +44 207 1171664, info@optigreen.co.uk