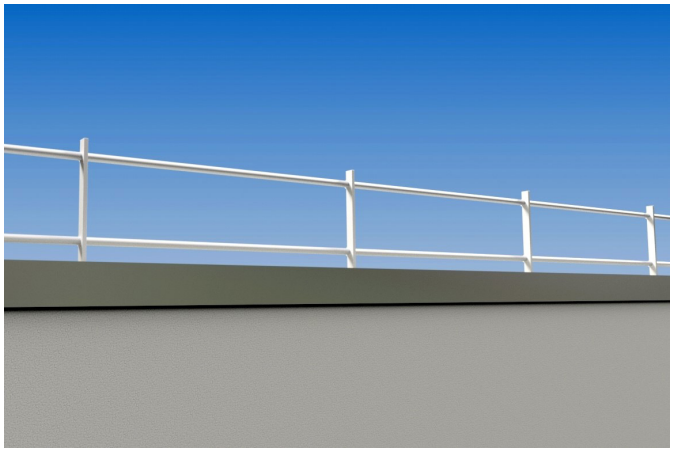
OPTIGRÜN RAILING GWP

Railing for maintenance and care



In accordance with DIN EN 13374 - protection class A.
Safety railing held by superimposed load made from aluminium as side protection device during maintenance and care.
Superimposed load by green roof structure in combination with fleece or by counterweights.

Material	Aluminium
Colour	Aluminium natural
Superimposed load by green roof structure with fleece for load bearing	Fleece width: 2 m Minimum superimposed load by green roof structure: 52,5 kg/m² dry weight (not included in scope of delivery)
Superimposed load by counterweights	Material: PVC recyclate Weight: 25 kg/piece
Total height	1.10 m - 1.25 m
Post spacing	max. 2.8 m
Quantity/delivery unit	Railing consisting of railing posts with cantilever rail, hand rail and knee rail, end caps as well as fleece or counterweights (as per scope of order). Sales unit linear metre (3 m increments)
Delivery form	according to size of order by parcel shipment
Pack size	according to size of order
Delivery weight	according to size of order

Area of use

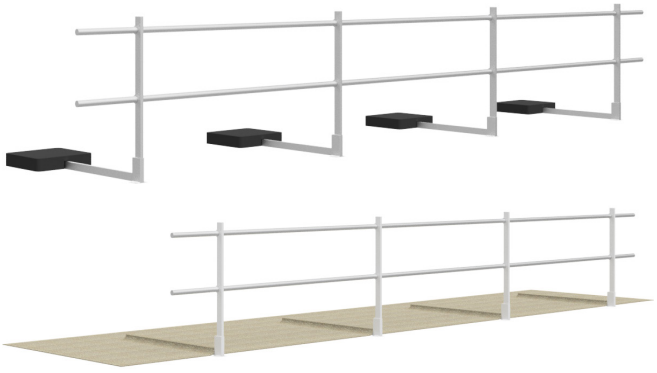
- Safety railing according to DIN EN 13374 - protection class A
- For collective fall protection during maintenance, care and servicing work
- On flat roofs with 0-10 ° roof pitch

Specific properties

- Held by superimposed load: Integrated into the green roof structure with fleece as load-bearing surface (combination with a system build-up approved by the manufacturer required) or with counterweights made of PVC recyclate
- No penetration of the roof waterproofing required
- Available with straight posts as standard or with inclined posts 15° and 30°
- Maintenance free
- Lightning current carrying capacity according to DIN EN 62561-1 (Class H)

Accessories

- Additional knee rail, baseboard, door
- Powder coating in standard RAL colours



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.

Datasheet Item No. Geländer GWP Last Update 09.02.2026

DEUTSCHLAND

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

GREAT BRITAIN

Optigreen Limited
Unit 157 | Milton Keynes Business Centre
Foxhunter Drive | Linford Wood | Milton Keynes | MK14 6GD
Tel. sales@optigreen.co.uk | +44 203 589 9400

OPTIGRÜN®
ROOF GREENING