



...❖ **INSTALL ANTI-FALL PROTECTION ON YOUR FLAT ROOF IN JUST 4 STEPS!**
FOR GREEN & BALLAST ROOFS

BENEFITS:

- ...❖ **No penetration of the roof membrane**
- ...❖ **No interference with the building structure**
- ...❖ **Flexible use**
- ...❖ **Tested + certified pursuant to DIN EN 795 Cl. E**
- ...❖ **Quick installation, easy to use**
- ...❖ **Cost effective**
- ...❖ **Corrosion-proof stainless steel**

- 1.** Locate the position of the anchor points according to the layout plan and position the OPTISAFE base plate
- 2.** Install the OPTISAFE safety panel on top of the OPTISAFE base plate
- 3.** Place the high strength, tear resistant OPTISAFE safety mat over the OPTISAFE safety panel
- 4.** Apply substrate or ballast: when finished, the specified weight of the roof greening or ballast build-up provides the OPTISAFE system with certified stability

Optigreen product solutions „OPTISAFE“

- ...❖ **OPTISAFE Type L Liner**
- ...❖ **OPTISAFE Type P Point**
- ...❖ **OPTISAFE Type K Ballast**
- ...❖ **OPTISAFE Type G Railing**

Descriptions overleaf

...❖ **Quick and easy to install – no roof penetration!**



STEP 1: Locate



STEP 2: Install



STEP 3: Cover



STEP 4: Finished!

Legal requirements

Building owners or their appointed planners are obliged by current legal requirements to plan anti-fall protection systems for buildings higher than 3 metres and to include these in the call for bids.

These legal requirements apply to both the construction phase and the maintenance phase of a green or ballast roof.

Persons equipped with personal protective equipment can attach themselves to the anchor points or to the steel safety cable. This protects them from falling over the roof edge.

CE certified and approved system for flat roofs (0-5°)

Anti-fall protection system secured by weight must be approved by an accredited expert in accordance with DIN EN 795 Class E. The approval and required CE marking are only granted after successful testing and presentation of instructions for installation and use.

OPTISAFE is a certified and approved anchor system for personal protective equipment.

The OPTISAFE principle

All the products from the OPTISAFE anti-fall protection system work reliably and safely on the basis of the same simple, patented principle:

The OPTISAFE system attains the stability required for anchor points for personal protective equipment without any penetration of the roof membrane by transferring the specified weight of the green roof or ballast build-up on to the system.

It must be pointed out that the laws of the home country, norms, guidelines and warranties must be followed.

Optigrün international AG

Am Birkenstock 19
72505 Krauchenwies
GERMANY

Phone +49 (0) 75 76 / 772-0
Fax +49 (0) 75 76 / 772-299
Web www.optigruen.de
E-mail info@optigruen.de



OPTISAFE TYPE L Liner

Inline safety cable running parallel to the roof edge; for green and ballast roofs



OPTISAFE TYPE P Point

Single anchor point for green roofs



OPTISAFE TYPE K Ballast

Single anchor point for ballast roofs



OPTISAFE TYPE G Railing

Permanent railing for green and ballast roofs for care and maintenance – without any penetration of the roof (certified according to DIN 13374 Class A)

FAX RESPONSE

+ 49 (0) 7576/772-299 (GERMANY)

PLEASE SEND ME FURTHER INFORMATION:

- Comprehensive planning and design tools OPTISAFE
- PLANNING DOCUMENTATION
Roof greening
- Quote/Order
OPTISAFE Type _____
- Other _____

Company _____

Contact partner _____

Telephone _____

Fax _____

Stamp