
SIDE PROTECTION/ GUARD RAIL



OUR SERVICES



YOU'RE SAFE UP HERE WITH US.

Since the company was founded in 1994, we have dedicated ourselves to the design of fall protection devices. We are a family-run company and have our "ear to the ground" where our customers are concerned and consider ourselves to be integrated problem solvers. As a reliable partner, who discusses problems with you on an equal footing, who accepts individual requirements and offers professional solutions. We work daily, full of passion and commitment to become even better and we place great importance in

- personal support
 - expertise
 - innovative strength
 - reliability
 - quality
- ... and last but not least also **deliverability.**

European standards and rules regarding occupational safety specify that if it is possible to use collective protection, this should be preferred over personal protective equipment against falls from a height (PFPE).



MANUFACTURE / SUPPLY

- ▶ Experience – for over 25 years
- ▶ Product development and in-house production
- ▶ Quality assurance through in-house test equipment
- ▶ Innovation
- ▶ Made in the Greater Region Trier-Luxembourg
- ▶ Just in time delivery, throughout Europe
- ▶ Product availability due to high stock levels
- ▶ Fast & flexible
- ▶ Special designs/solutions
- ▶ Monitored and tested by DEKRA Testing and Certification GmbH
- ▶ In-house production control according to EN 1090-2



MATERIAL

- ▶ Aluminium EN AW-6060
- ▶ Stainless steel 1.4301
- ▶ Weather and UV-resistant und UV-beständig
- ▶ Durable
- ▶ Sustainably recyclable
- ▶ Commercially available concrete paving slabs used as a counterweight
- ▶ Can be integrated into the roof greening/gravelling due to flat-laid counterweights
- ▶ Frost-proof
- ▶ Low inherent weight



PLANNING / SERVICE

- ▶ What we plan for you
- ▶ Basis for planning according to DGUV information 201-056
- ▶ Planning as the basis or sketch map for the assembly documentation
- ▶ Based on currently applicable standards and regulations
- ▶ Determination of quantities and requirements
- ▶ LUX-top® QUICK-DOKU (simple and clear documentation by means of application)
- ▶ Developing special customised solutions

TEXTS FOR TENDER (in German only)

- ▶ All products and service descriptions available to download as a text for tender
- ▶ Available at **lux-top.com** or suppliers **heinze.de** and **ausschreiben.com**
- ▶ Available in standard file formats GAEB, RTF, PDF, XLS, WORD, etc.



MEMBERSHIP AND CERTIFICATION

IFBS

IQDF

FISAT

RAL

ISO
9001

EN
1090-2

Product variants

Load-bearing

- ▶ Self-supporting side protection system
- ▶ Post spacing up to 2.50 m possible
- ▶ Commercially available concrete paving slabs used as a counterweight
- ▶ Risk of tripping minimised by concrete paving slabs only 5 cm high (25 x 50 cm)
- ▶ Tested and certified according to EN13374 Class A
- ▶ Meets the requirements of DGUV-I 201-056 and ÖNORM B3417
- ▶ Roof penetration-free
- ▶ Also approved as escape and rescue route according to DIN 14094-2

Direct mounting

- ▶ Side protection system for direct mounting
- ▶ Post spacing up to 2.50 m possible
- ▶ Tested and certified according to EN13374 Class A
- ▶ Meets the requirements of the DGUV-I 201-056 and the norm ÖNORM B3417
- ▶ Aesthetic look/design

Advantages of collective protection



- ✓ DGUV-I 201-056 Equipment class 3
- ✓ Easy and quick installation
- ✓ No limit to the number of persons and occupational group on the roof area
- ✓ No maintenance costs
- ✓ No training on how to handle PFPE necessary
- ✓ Wide post spacing (up to 2.50 m)
- ✓ Low weight of the standard concrete paving slabs (25 x 50 cm) makes assembly and transport on the construction site easier
- ✓ Reduced risk of tripping due to flat counterweights
- ✓ Pre-fabricated and pre-assembled system components
- ✓ Positive locking handrail and corner installation
- ✓ Penetration-free assembly (load bearing systems)
- ✓ No thermal bridges (load bearing systems)
- ✓ No vibration transfer (load bearing systems)
- ✓ Large variety of versions and fastenings

Explanation of symbols



Aluminium



Foldable



Height adjustable



Roof penetration-free



Can be colour coated



Concrete



Wood



Steel



Trapezoidal profile

LOAD-BEARING

Suitable for all load-bearing substrates

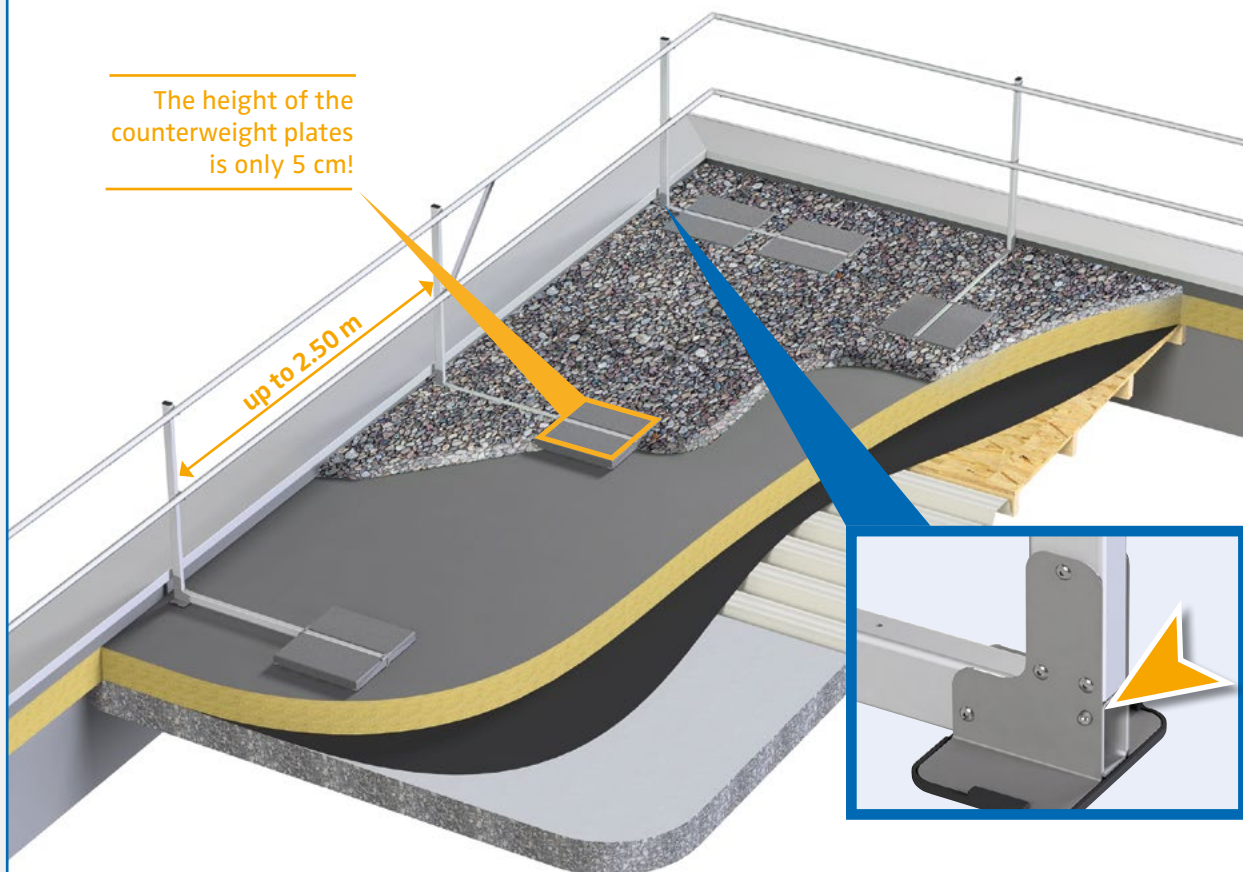
LUX-top® G-T QUICK

Fixed, for use on flat roofs

»»» Successor to G-T ECO «««

The height of the counterweight plates is only 5 cm!

up to 2.50 m



- ▶ Fast, economical installation thanks to plug-in connections (Plug & Safe)
- ▶ Ballasting with concrete paving slabs (25 x 50 cm)



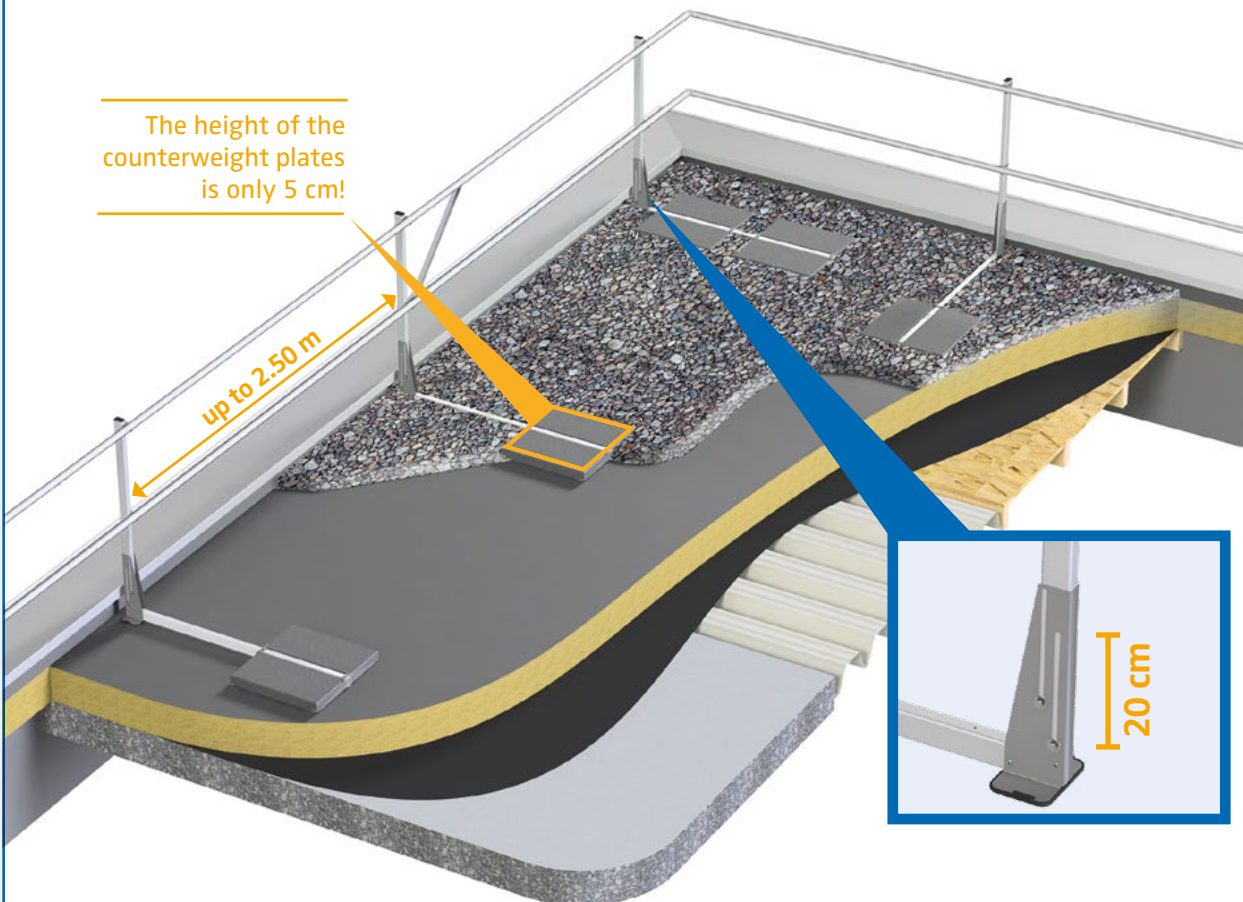
Logistics centre, Fliesen



M Square, Munich

LUX-top® G-T HA

Fixed, for use on flat roofs



- ▶ Up to 20 cm height adjustment possible
- ▶ Ballasting with concrete paving slabs (25 x 50 cm)



State Main Archive, Potsdam



Steffen Holzbau s.a., Grevenmacher

LUX-top® G-T HA green

Fixed, for use on green roofs



Dimensions of the
bulk material tray
only 5 x 50 x 100 cm

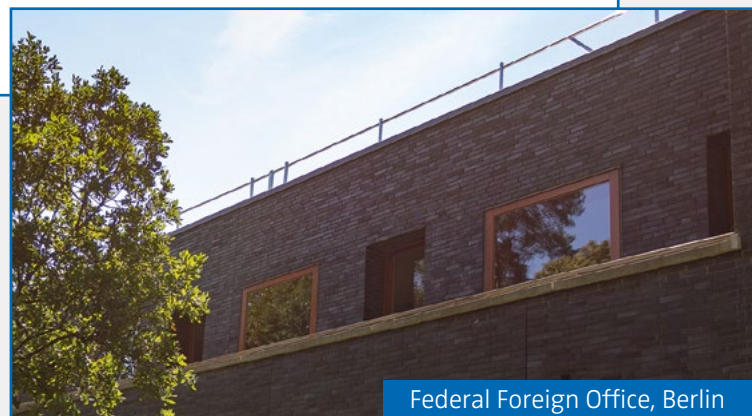
up to 2.50 m

20 cm

- ▶ Up to 20 cm height adjustment possible
- ▶ Can be integrated into the green roof (no risk of tripping)
- ▶ Ballasting with green roof substrate/other suitable bulk material
- ▶ Bulk material surface (dry) of at least 67 kg/m² required



State Main Archive, Potsdam



Federal Foreign Office, Berlin

LUX-top® G-T

Can be tilted or folded,
for use on flat roofs

The height of the
counterweight plates
is only 5 cm!

up to 2.50 m



Curved guardrail posts
(up to 30°) possible

- ▶ Can be tilted 15° & 30° if required
- ▶ Also approved as maintenance, escape and rescue route according to DIN 14094-2
- ▶ Safe usage concept thanks to LUX-top® G-T installation aid (see also accessories p. 15)



Switzerland



Installation aid see p. 15

Federal Foreign Office, Berlin

DIRECT MOUNTING

Suitable for mounting directly or by means of adapter plates on many load-bearing substrates

LUX-top® G-T DIREKT

For direct mounting



- ▶ Can be tilted/folded 15° & 30° if required
- ▶ Installation possible on many load-bearing substrates using different adapter plates



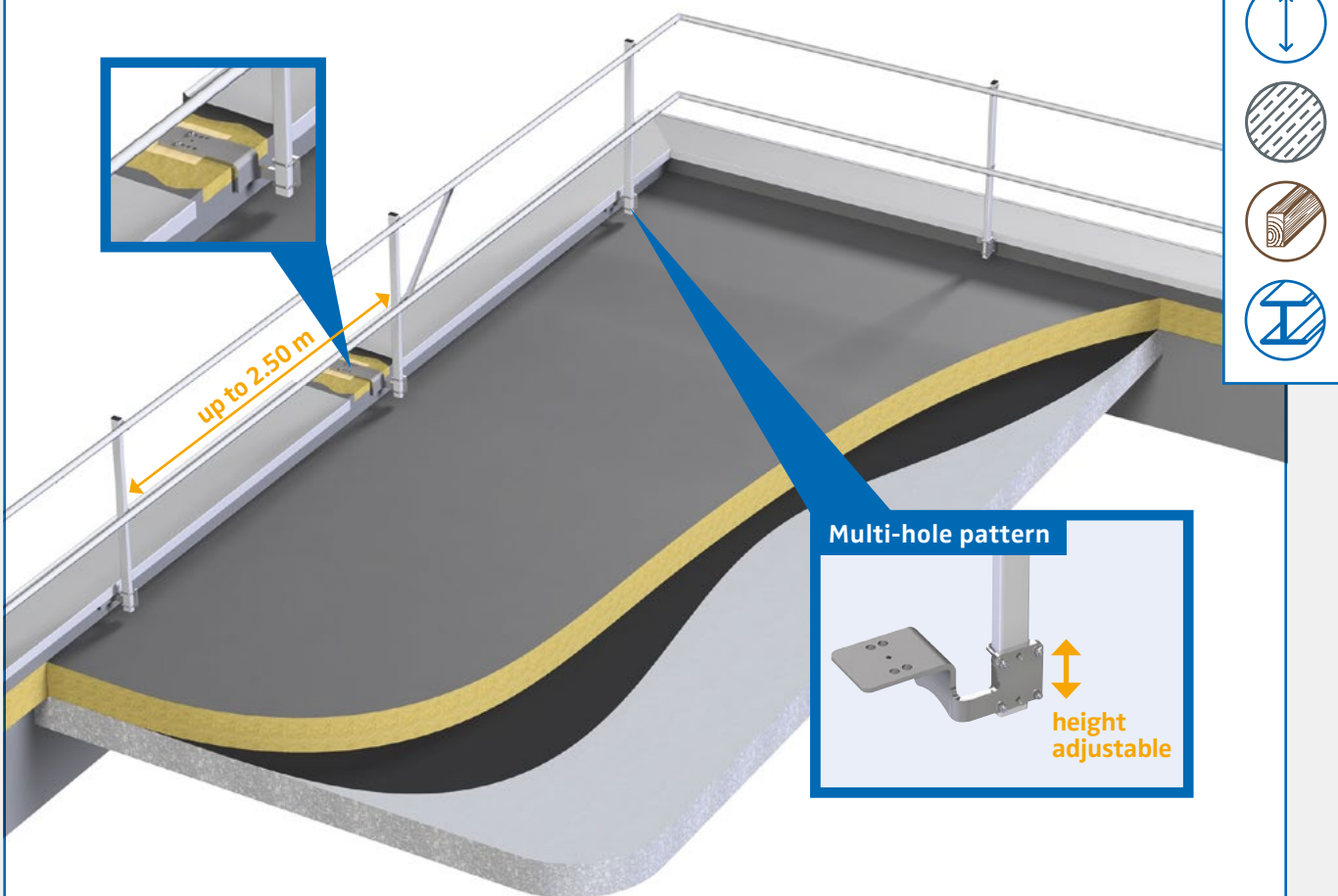
Special designs possible!



Can be used on a wide range of substrates using adapter plates

LUX-top® G-T DIREKT AT

For direct mounting on the parapet
(insulated or non-insulated)



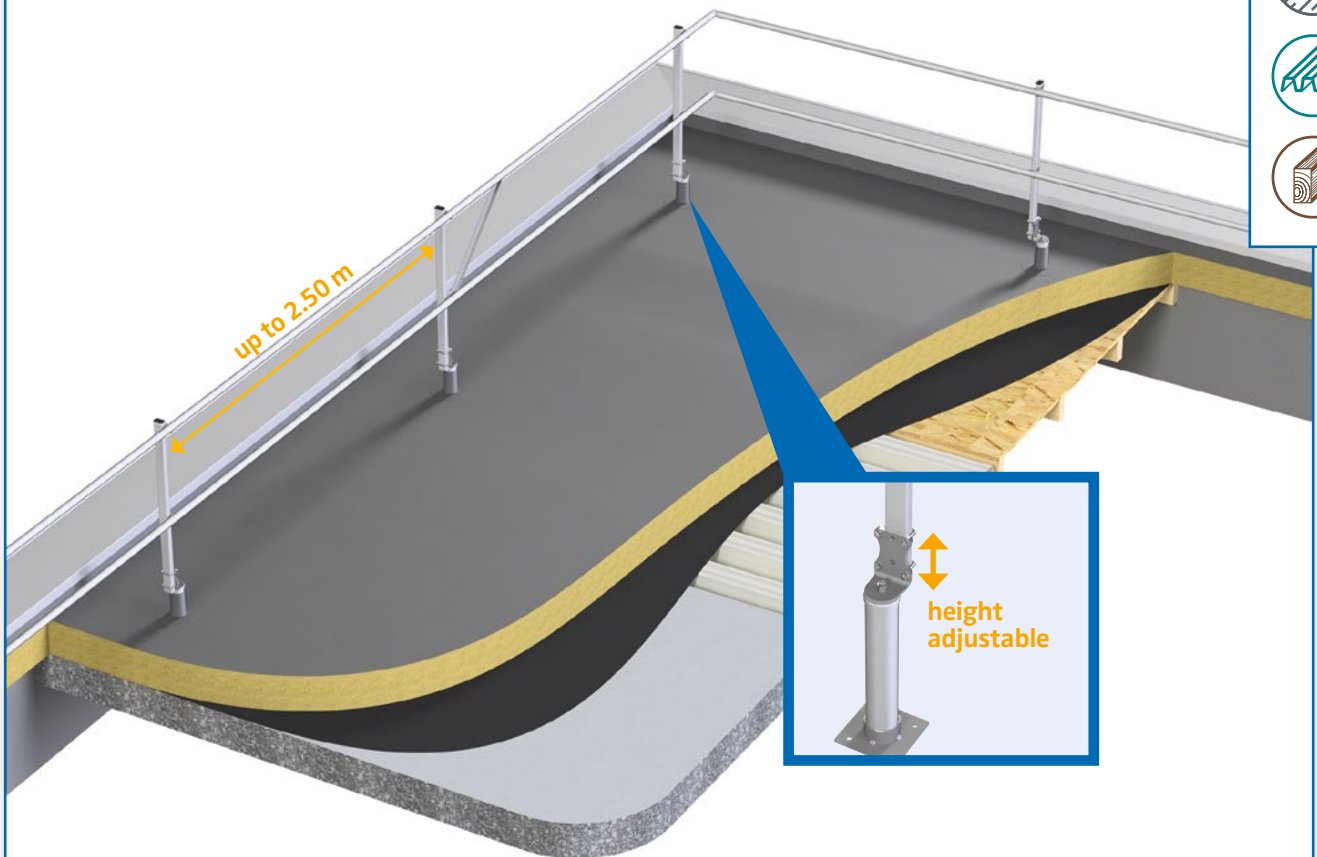
- ▶ Adjustable in height to align parallel to the parapet
- ▶ Fits under standard parapet coverings without extra effort
- ▶ Installation steps optimally adapted to the construction process
- ▶ Fastening outside the water-draining level

i Can be used as side protection during the construction phase



LUX-top® G-T DIREKT WD II

For direct mounting on
thermally insulated flat roofs



- ▶ Adjustable in height to align parallel to the parapet
- ▶ Internally insulated retaining feet individually adjustable
- ▶ Simple sealing due to round moulded parts



Kreativzentrum Dresden

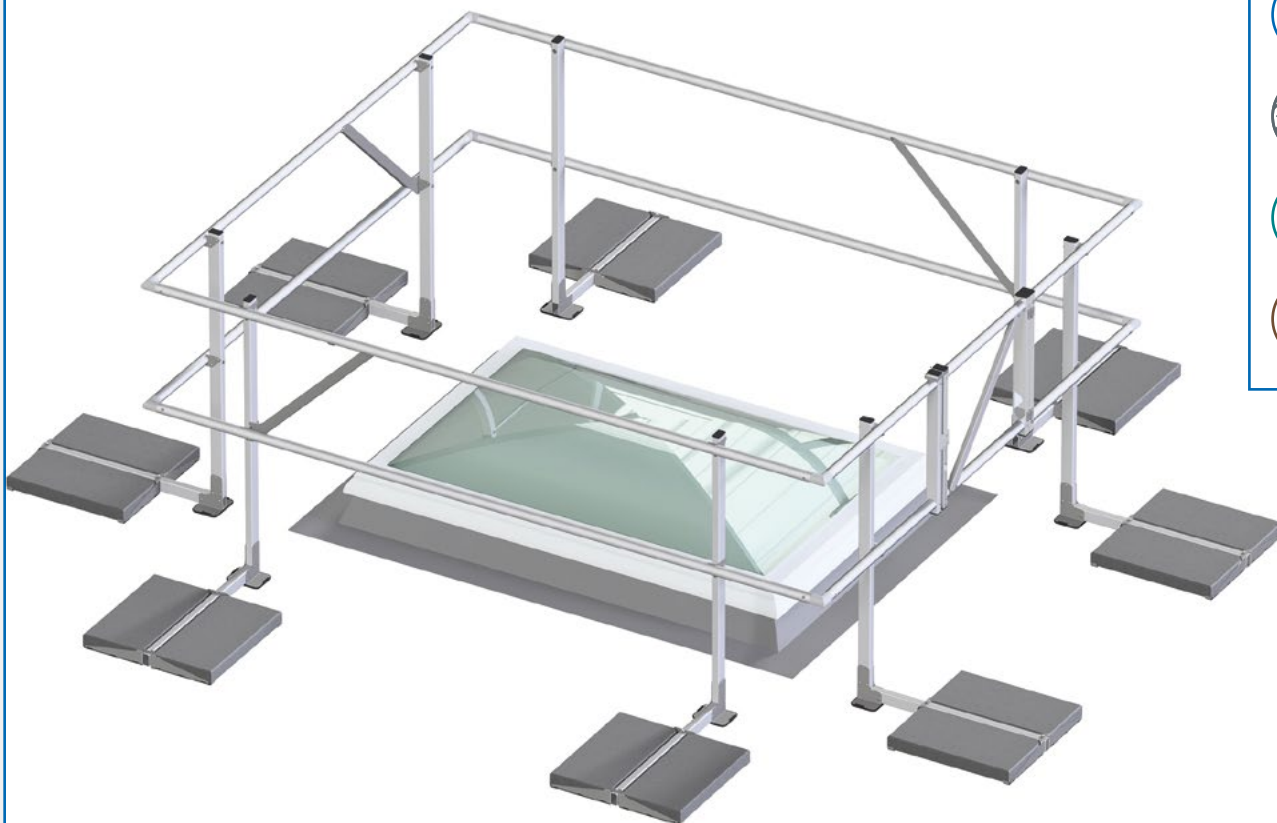


DHL GmbH, Bruchsal

ROOFLIGHTS, ESCAPE ROUTES AND SPECIAL CONSTRUCTIONS

LUX-top® G-T DIREKT LIKU

For securing illumination elements



- ▶ Standard clear opening widths:
 - 1.95 x 2.75 m (S)
 - 2.75 x 2.75 m (M)
 - 2.75 x 4.75 m (L)
 - 4.75 x 4.75 m (XL)
- ▶ More clear opening widths on request
- ▶ With door for roof access



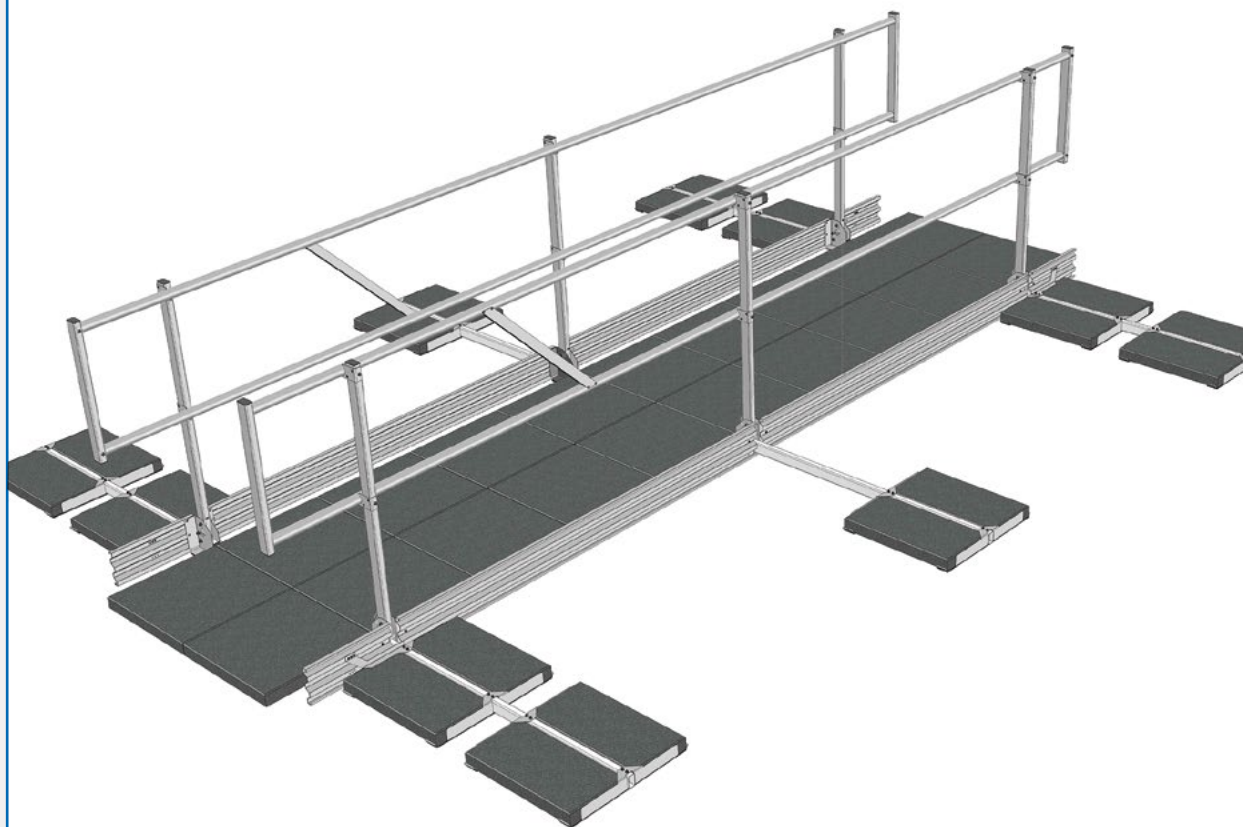
Roof access, Switzerland



State Main Archive, Potsdam

Escape routes with LUX-top® G-T

Design escape routes with
concrete paving slabs



- ▶ Concrete paving slabs (25 x 50 cm)
 - > No special dimensions, sustainable, environmentally friendly
- ▶ Internal ballasting on request

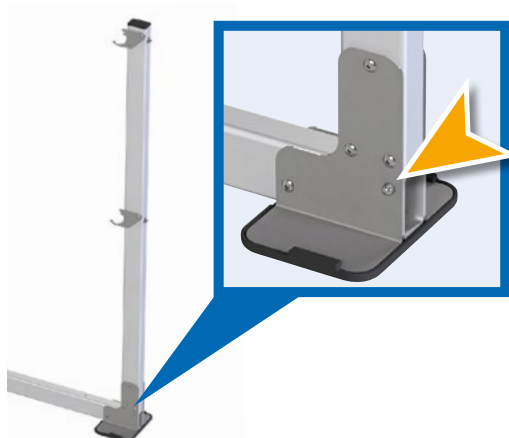


Powder-coated system, Switzerland



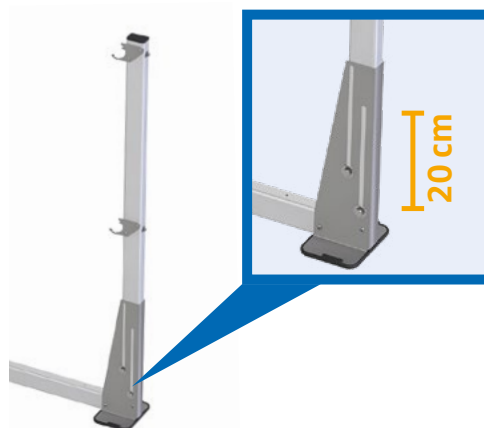
Internal ballasting

News and product improvements



LUX-top® G-T QUICK

Fast, economical installation thanks to plug-in connections (Plug & Safe)

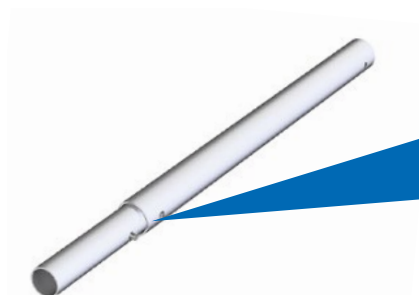


LUX-top® G-T HA

Up to 20 cm height adjustment possible

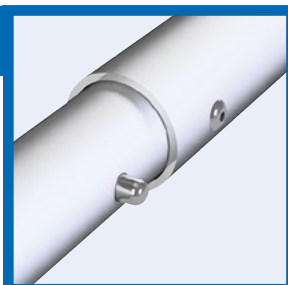


Protective cap as separating layer
(made of polypropylene)



LUX-top® BUTT CONNECTOR QUICK

Fast, economical installation thanks to plug-in connections (Plug & Safe)





LUX-top® G-T
CURVED GUARDRAIL POSTS
tilted up to 30°



LUX-top® G-T ACCESS DOORS
Access doors for LUX-top®
guard rail systems



LUX-top® G-T INSTALLATION AID
For safely setting up and folding down
guard rail systems without additional
securing measures (PFPE)



LUX-top® G-T LAYING AID
Enables fast and parallel installation
(adjustable)



LUX-top® G-T TOEBOARD
Prevents objects from falling down when
parapet height is less than 150 mm

More online

You can find more about our products and
extensive range of accessories online.



QUICK-DOKU



Simple and clear documentation on fastening LUX-top®
anchor devices – **with our QUICK-DOKU app**

- ▶ quick and easy
- ▶ optimised for desktop, smartphone and tablet
- ▶ PDF version of all the documents
- ▶ in 7 languages
- ▶ over 15,000 documents created

www.quick-doku.eu



Simple and clear
documentation –
with our
QUICK-DOKU app:



www.quick-doku.eu



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