

skylight protection system

LIGHT

The translucent fall-through protection



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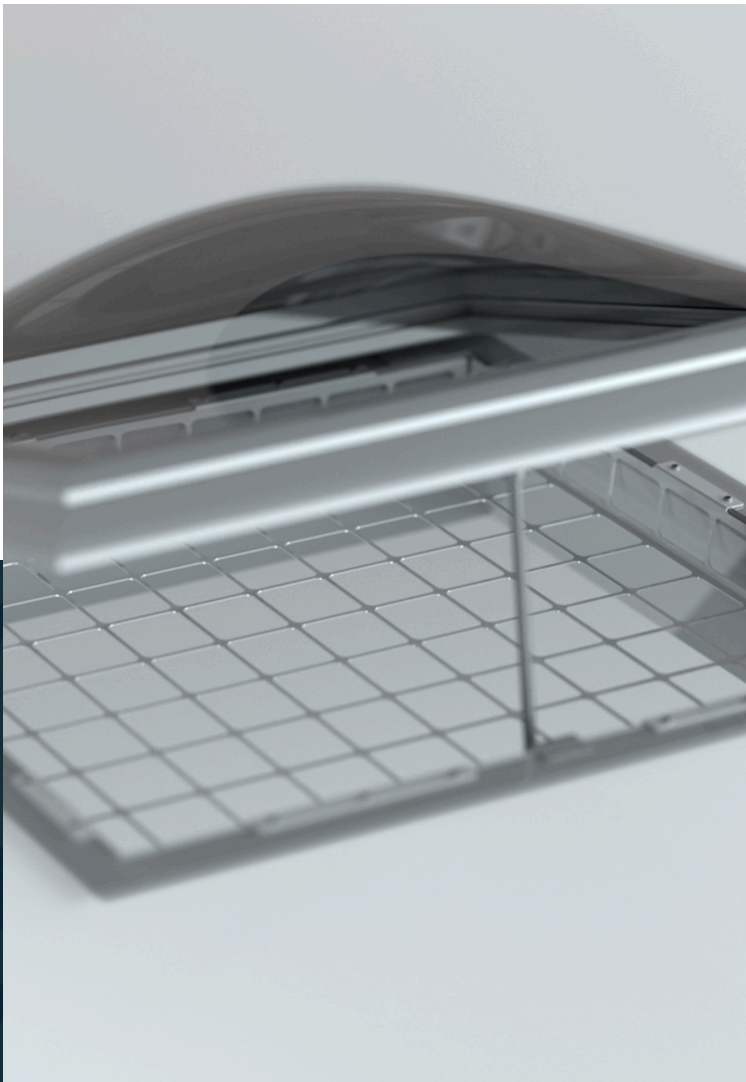
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LIGHT skylight protection system

For fall-through-protected lighting elements, creating no functional impairment

The LIGHT skylight protection systems protect against fall-through around lighting elements: Depending on the lighting element and frequency of access to the danger area around the skylight, it is possible to choose between permanently mounted and temporary protection systems.

The protection systems do not impair the incidence of light. Permanent protection systems installed directly within the skylight also retain the legally required smoke extraction. A temporary solution is available for short-term tasks in the danger area. The LIGHT skylight protection systems thus provide a wide selection for the most varied installation situations.



BENEFITS

- Maximum flexibility, because the protection systems can also be installed retrospectively around existing lighting elements
- Protection for all situations: The protection systems protect against fall-through, whether the skylight is open or closed
- With permanent protection systems, light permeability and smoke extraction are retained
- Versatile: There is no restriction on the shape, regardless whether round, square, or rectangular. Furthermore, there are permanent and temporary solutions.

Protection for skylights and strip lights



Skylight protection is a flexible collective solution for protecting lighting elements, and can be individually selected, appropriate to your requirements and application.

Permanent solutions are installed directly into the skylight. Whether onto steel, concrete, plastic, or wood, installation onto these substructures is possible, also retrospectively. Positioning on the flashing does not in itself affect the roof, and it is also independent of structures installed on the roof. With this installation variant, nothing prevents the skylight from being opened as usual for fresh air and (in an emergency) for smoke extraction. The temporary solution is positioned over the skylight and lashed in place.

Installation does not require roof penetration

Installing permanent protection systems directly onto the flashing of the skylight, and installing the temporary protection system directly onto the skylight means that the roof surface is not damaged.

Specific certificate for retention of light and air permeability

In addition to the required inspection against standards, the LIGHT and LIGHT-FLEX fall-through protection systems are certified to confirm that this protection system does not impair the incident light or the smoke extraction capability of a smoke and heat extraction system.

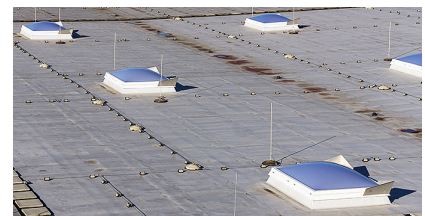
Collective protection - safety in any event

INNOTECH fall-through protection systems protect not just one person, but several simultaneously. No personal protective equipment is required for protection around the skylight.



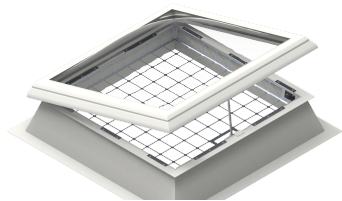
BENEFITS

- Secured short-term and long-term: Temporary and permanent solutions for the collective protection of multiple persons
- High practicability thanks to the fastening options on very different substructures (steel, concrete, plastic, wood, etc.)
- Optimum fall-through protection thanks to high-quality materials
- Max. mesh width 100 x 100mm as per standard



State of the art certification:

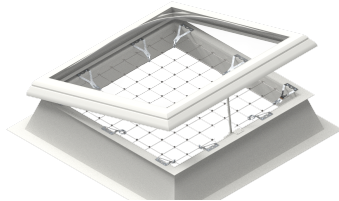
EN 795 TYP D
CEN/TS 16415
EN 353-1
DIBt



LIGHT SKYLIGHT PROTECTION SYSTEM

LIGHT skylight protection
system

For details see subsequent
pages



LIGHT-FLEX-SKYLIGHT PROTECTION NET

LIGHT skylight protection
system

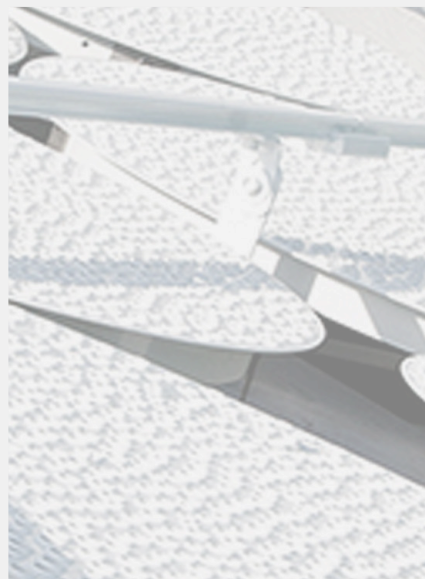
For details see subsequent
pages



EAP-MOBI

EAP-MOBI skylight
protection system

For details see subsequent
pages



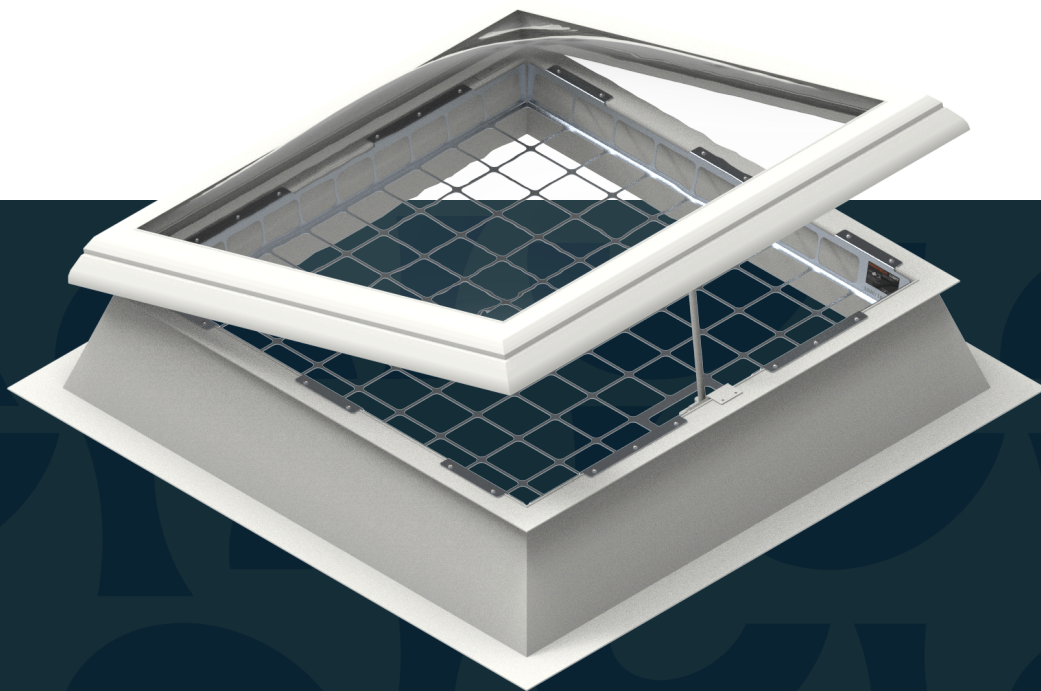
LIGHT SKYLIGHT PROTECTION SYSTEM

LIGHT skylight protection system

The LIGHT skylight protection system, made from a stable steel wire basket, provides visually pleasing protection from fall-through for all persons in the danger area of lighting elements. The customised manufacture of the LIGHT system variant forms the foundation of a stylish solution for fall-through protection of lighting elements. Recesses and curves present no problem. The individualisation of the colour options rounds out the pleasing visual appearance: Through customisation of shape and colour, LIGHT assimilates ideally to the existing architecture. Installation is directly into the skylight substructure, and can therefore be undertaken retrospectively. The width of the wire mesh ensures unimpeded passage of light and smoke.

BENEFITS

- High-quality appearance for office and sales areas thanks to colour options as per the RAL palette.
- Optimum adaptability, thanks to manufacture tailored to the skylight dimensions.
- Flexibility, because it can be installed or retrofitted at any time.
- Provides protection, whether skylight is open or closed.



Currently no updates for this product

Technical product description

The LIGHT skylight protection system consists of a galvanised steel wire basket which reliably prevents fall-throughs. By means of a dimension sheet, the wire basket is manufactured to match the skylight perfectly. Variable sizes and models are therefore available, including rounded shapes, for example. The maximum mesh width of 100 x 100mm allows a high flow of light and smoke. Recesses for the opening mechanism of the skylight and of other objects in the light well can also be implemented individually.



TECHNICAL BENEFITS

- Various sizes and models available, and partial cut-out possible for opening mechanism.
- Specific dynamic testing for fall-through, using 100 kg from a fall height of 1.2 m.
- Fastenings for various substructures and sealing lips.

State of the art certification:

GS-BAU-18

EN 1873:2016

EN 14963:2006

Components

LIGHT

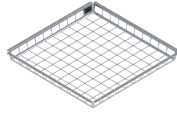
Skylight protection system LIGHT

Mesh width: max. 100 x 100 mm

Material: galvanised steel

high light and smoke permeability easy installation and backfitting

Different RAL-colours, different mesh widths and special lengths (round e.g.) on request!



LIGHT-FLEX-SKYLIGHT PROTECTION NET

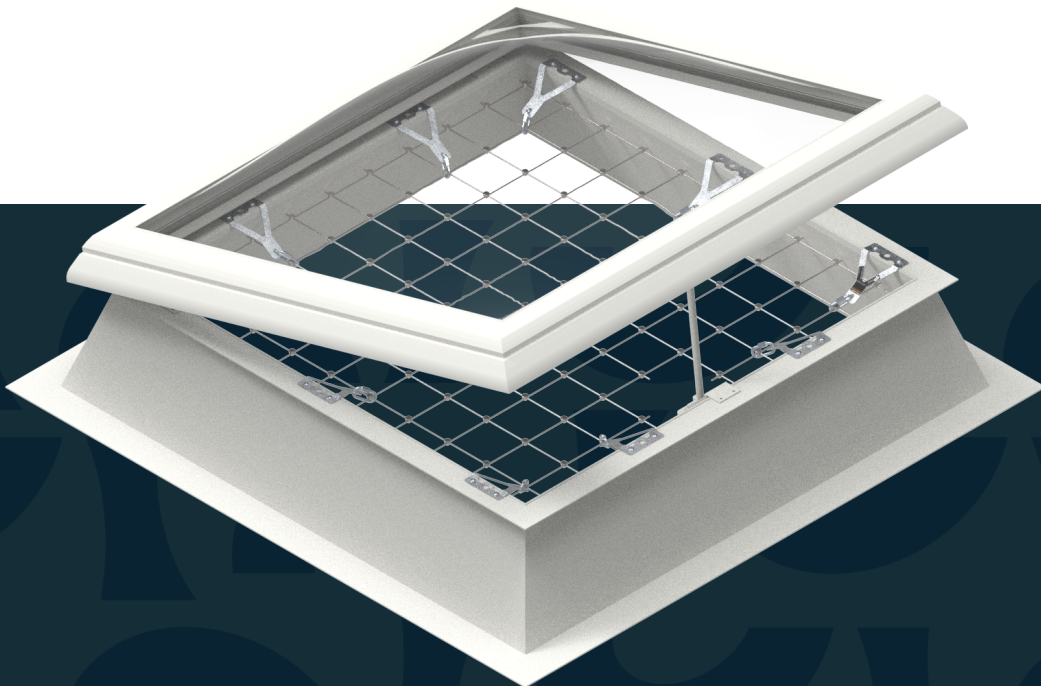
LIGHT skylight protection system

The LIGHT-FLEX skylight protection system from INNOTECH is a flexible, robust safety solution for many types of skylights, especially for longer light elements such as strip lights.

Because it is a net, LIGHT-FLEX can be implemented in any desired size, and is especially suitable for long strip lights, for example in industrial warehouses. The system variant is a winner because it is quick and easy to install on steel, concrete, plastic, or wood substructures. The fall-through protection is installed within the skylight or strip light. In combination with an optimum mesh width, LIGHT-FLEX ensures reliable fall-through protection and unrestricted incident light, as well as smoke extraction.

BENEFITS

- Flexible installation of fall-through protection on open and closed skylights.
- The system is sold by the metre, and can be installed up to any length.
- Simple to install or retrofit.
- Especially also for the protection of strip lights.



Currently no updates for this product

Technical product description

The LIGHT-FLEX skylight protection net made from galvanised steel can be ordered in any length and width. Because it can be overlapped during installation, it is especially suitable for longer strip lights. In addition, even strip lights with a smoke and heat extraction mechanism can be installed by means of a special rail, and with cut-outs.



TECHNICAL BENEFITS

- Variable section sizes for opening mechanism.
- Variable size adjustment, even during the installation.
- Various fastening options on steel, wood, concrete, and plastic.

State of the art certification:

GS-BAU-18

EN 1873:2016

EN 14963:2006

Components

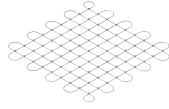
LIGHT-FLEX-NET-01-XXX-XXX-VZ

Skylight protection system LIGHT-FLEX

Mesh width: max. 100 x 100 mm

Material: galvanised steel

high light and smoke permeability easy installation and backfitting



Rating plate FLEX-TYP for skylight protection sy

Dimensions: 130 x 90 mm

Material: Plastic

for marking a LIGHT-FLEX skylight protection system



Accessory items

LIGHT-FLEX-KARI-VZ

Screw carabiner LIGHT-FLEX-KARI

Material: galvanised steel

Load-bearing capacity: 125 kg

locking carabiner for LIGHT-FLEX-BEF-01-VZ



LIGHT-FLEX-RWA-01-1165

Stiffening rail LIGHT-FLEX-RWA-01-1165

Adjustment range: 800 - 1165 mm (clear span)

Material: galvanised steel

Stiffening rail for LIGHT-FLEX-NET-01 with skylights including a smoke and exhaust system



LIGHT-FLEX-RWA-01-1525

Stiffening rail LIGHT-FLEX-RWA-01-1525

Adjustment range: 1150 - 1525 mm (clear span)

Material: galvanised steel

Stiffening rail for LIGHT-FLEX-NET-01 with skylights including a smoke and exhaust system



LIGHT-FLEX-RWA-01-1900

Stiffening rail LIGHT-FLEX-RWA-01-1900

Adjustment range: 1525 - 1900 mm (clear span)

Material: galvanised steel

Stiffening rail for LIGHT-FLEX-NET-01 with skylights including a smoke and exhaust system



LIGHT-FLEX-BEF-02

Fastening holder LIGHT-FLEX-BEF-02

Length: 136 mm

Width: 90 mm

Material: galvanised steel

Fixation bracket for LIGHT-FLEX to seal lip shaping.



Accessory items

LIGHT-FLEX-BEF-40

Beam clamp LIGHT-FLEX-BEF-40

Material: galvanised steel

Flange thickness: 5 to 26 mm

Beam clamp HILTI MAB-13 for LIGHT-FLEX-BEF-01

Available only upon request!



LIGHT-FLEX-BEF-01-VZ

Fastening holder LIGHT-FLEX-BEF-01

Length: 130 mm

Width: 90 mm

Material: galvanised steel
fixation bracket for LIGHT-FLEX-NET-01



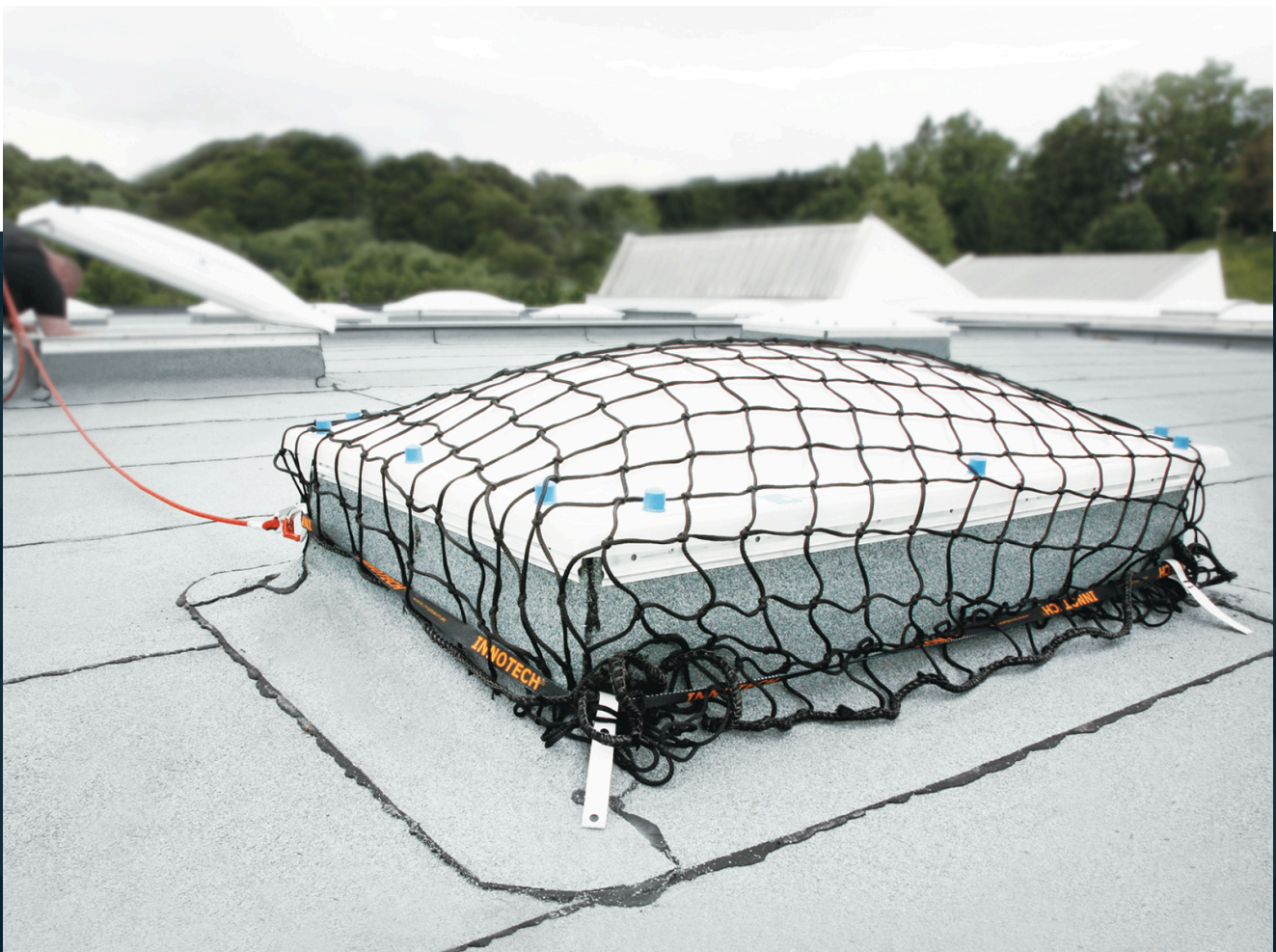
EAP-MOBI

EAP-MOBI skylight protection system

The EAP-MOBI skylight fall-through protection system from INNOTECH can be used as fall-through protection, and also as a single anchor point for one person. This enables a person positioned on a skylight to move safely, starting from the skylight. It guarantees ideal safety, especially for clearing or maintenance work, and is extremely practical and simple to use, because it is fitted simply over the skylight using a net and lashing strap.

BENEFITS

- For temporary protection of skylights – not a permanent solution.
- Simple and fast installation thanks to net and lashing strap.
- Attached by a lashing strap to the skylight – causes no damage to the skylight.
- Optimum for protection during brief tasks on the roof.



Technical product description

The EAP- MOBI mobile skylight fall-through protection from INNOTECH, made from high-strength polypropylene, is used both as a fall-through protection system, and also as a single anchor point for one person. Attachment to the skylight is made simply and quickly by throwing the net over the skylight, and tightening the lashing strap.



TECHNICAL BENEFITS

- Also tested and certified as a single anchor point of Class B for 1+1 person.
- Rapid inspection by means of test threads which are sent in for assessment.
- Available in two models (for skylights no larger than 1.5 x 1.5m and 2.7 x 2.7m).

State of the art certification:

GS-BAU-18

EN 1263-1

EN 795:2012 TYP B

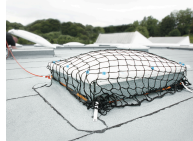
Components and associated equipment

Components

EAP-MOBI

Skylight protection system MOBI

Sizes: 2 x 2 m (max. skylight size 1.5 x 1.5 m) 3 x 3 m (max. skylight size 2.7 x 2.7 m) **Material:** plastic, galvanised steel mesh net for covering the skylight including lashing strap
(Lashing strap can be also used as single anchor point!)



Accessory items

EAP-MOBI-TAPE-13

Single anchor point MOBI-TAPE-13

Length: 13 m (max. size of skylight 2,7 x 2,7 m)
Material: plastic, galvanised steel
ashing strap can be used as an anchorage point EAP!



EAP-MOBI-TAPE-9

Single anchor point MOBI-TAPE-9

Length: 9 m (max. size of skylight 1,7 x 1,7 m)
Material: plastic, galvanised steel
ashing strap can be used as an anchorage point EAP!





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