



Guardrail system  
**BARRIER**

**Skylight**

Guardrail system around skylights/strip lights



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## BARRIER-SKYLIGHT

Guardrail system around skylights/strip lights

The BARRIER SKYLIGHT guardrail system is used wherever skylights must be protected on roofs of up to 10° inclination. Regardless of the size of the skylight, the superimposed load system provides optimum fall protection, and thereby neutralises the source of danger which results from a skylight. If various skylights are present on a roof, then the guardrail system can be adapted individually to the actual size of each skylight. In this regard, several installation variants are available. The guardrail system places no restrictions on the functionality of the existing skylight and also ensures optimum light penetration into the space below.

### BENEFITS

- Variable system which is simple to retrofit, thanks to the various installation variants.
- Optimum safety without technical modification of the skylight (no impairment of smoke extraction capability).
- Simple, space-saving installation, thanks to the intelligent adapter directly on the concrete weight.
- Secured access from the skylight to the flat roof, if an optional door set is installed.



Currently no updates for this product

## Technical product description

The guardrail system consisting of aluminium and stainless steel impresses because of its weather resistance and robustness. The guardrail, together with the various individual components, such as the specially developed foot units, posts, booms, and concrete weights, combine to create a harmonised system. There are no restrictions in terms of the size of the existing skylight.



### TECHNICAL BENEFITS

#### Adjustable to individual requirements

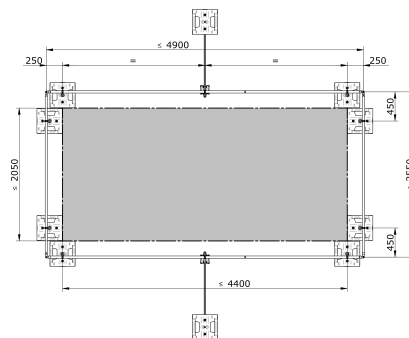
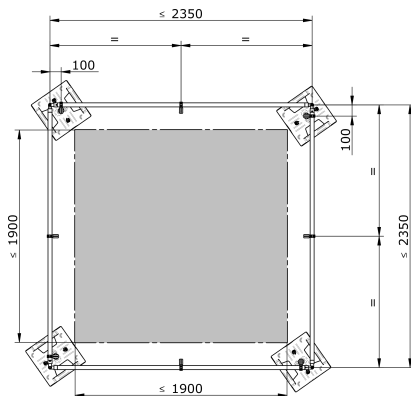
Skylights of different sizes are often found on a roof. The guardrail system can be individually adapted to various sizes. Thanks to a special adapter, which enables installation without booms, space can be saved when securing skylights with a maximum size of 1,9 x 1,9 m.

#### Maintenance of skylight technology

The system is designed in such a way that the technical functioning of the skylight, such as smoke extraction capability, is not restricted. In addition, thanks to our system, the natural light penetration through the skylight is maintained.

#### Secured access

Fitting the optional BARRIER-T30 door set makes possible optimally secured access from the skylight to the flat roof (or vice-versa).



### State of the art certification:

EN 13374:2019

EN ISO 14122-3:2016

DIN 14094-2:2017

## Components

### BARRIER-Z11

Rating plate BARRIER-Z11 for guardrail system

**Material:** Aluminium composite, plastic for marking a BARRIER system



### BARRIER-V20

Vario weight BARRIER-V20

**Height x width x length:** 93 x 390 x 390 mm

**Weight:** 12,5 kg

**Material:** Beton



### BARRIER-S22-1300

Standard boom BARRIER-S22-1300

**Length:** 1300 mm

**Material:** aluminium

Standard boom for System VARIO, escape route according to plan customised lengths on request!



### BARRIER-V12

Vario foot unit BARRIER-V12

**Material:** aluminium, stainless steel (AISI 304)  
VARIO foot unit without boom/post, for creation of a load-bearing collective side protection



### BARRIER-V14

Vario foot unit BARRIER-V14

New

**Material:**  
VARIO foot unit without boom/post, for creation of a load-bearing collective



### BARRIER-V82

Vario adapter BARRIER-V82

**Application:** Creation of a skylight fencing of max. 2000 x 2000 mm

**Material:** aluminium, stainless steel (AISI 304)  
for fastening the post BARRIER-S21 to a VARIO-weight BARRIER-V20



### BARRIER-S20-1140

Standard post BARRIER-S20-1140

**Length:** 1140 mm

**Material:** aluminium, aluminium-zinc, stainless steel  
Standard post for System VARIO including pipe retainer.



### BARRIER-T30

Door set BARRIER-T30

**Material:** aluminium, stainless steel (AISI 304)  
Opening 800 mm, anchorage direction fixed, not selectable (right hand door)

For load-bearing implementation, 4 x BARRIER-V20 weights required for each door side!



### BARRIER-R11

Aluminium pipe BARRIER-R11

**Diameter x wall thickness x length:** 36 x 2.5 x 3000 mm

**Material:** aluminium



### BARRIER-R21

Linear tie BARRIER-R21

**Material:** aluminium, stainless steel (AISI 304)  
for connecting two BARRIER-R11 pipes



### BARRIER-R31

Corner tie BARRIER-R31

**Material:** aluminium, stainless steel (AISI 304)  
Create a corner with two pipes BARRIER-R11  
Angle free adjustable!



## Components

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### BARRIER-S23-560

Stiffening strut BARRIER-S23-560

**Length x width x height:** 560 x 45 x 25 mm

**Material:** aluminium, aluminium-zinc, stainless steel  
Stiffening bar for pipe BARRIER-R11

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### BARRIER-R70

Pipe bracket BARRIER-R70

**Material:** zinc-aluminium, stainless steel  
pipe retainer fo fix the pipes BARRIER-R11

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