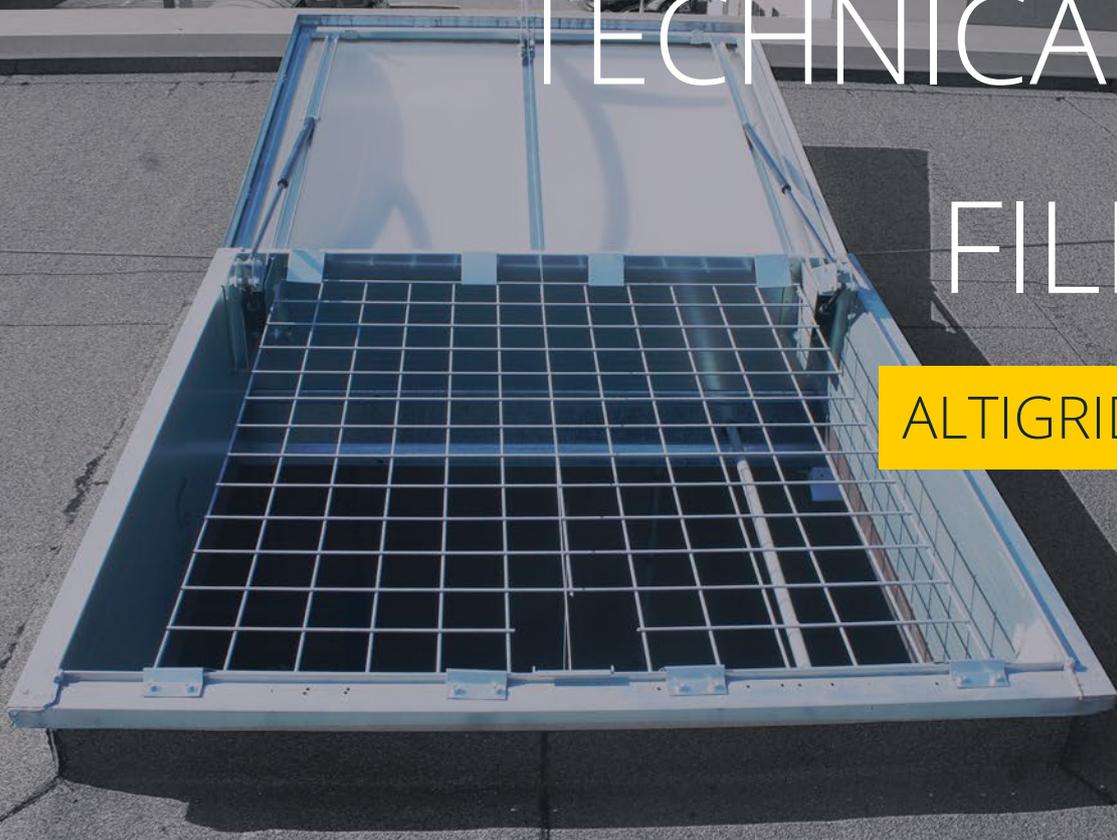




# TECHNICAL FILE

ALTIGRID





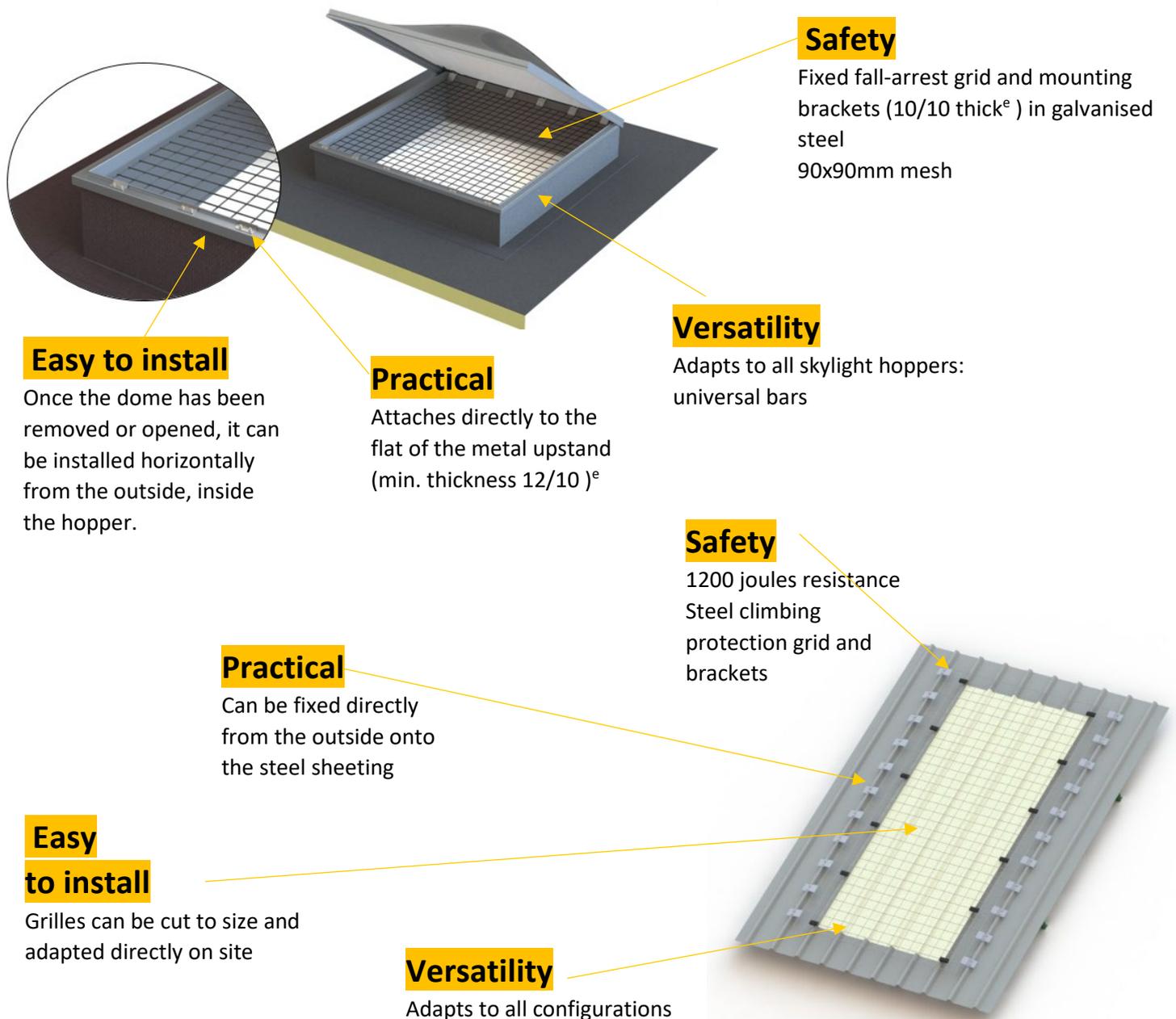
Distribué par

## Fall arrest grids for rooflights

### ALTIGRID

#### PRODUCT BENEFITS

ALTIGRID grilles are collective protection systems designed to secure your roof openings: skylights or translucent rooflights.



#### Safety

Fixed fall-arrest grid and mounting brackets (10/10 thick<sup>e</sup>) in galvanised steel  
90x90mm mesh

#### Easy to install

Once the dome has been removed or opened, it can be installed horizontally from the outside, inside the hopper.

#### Practical

Attaches directly to the flat of the metal upstand (min. thickness 12/10)<sup>e</sup>

#### Versatility

Adapts to all skylight hoppers: universal bars

#### Safety

1200 joules resistance  
Steel climbing protection grid and brackets

#### Practical

Can be fixed directly from the outside onto the steel sheeting

#### Easy to install

Grilles can be cut to size and adapted directly on site

#### Versatility

Adapts to all configurations



Distribué par

# Fall arrest grids for rooflights

## ALTIGRID

### LANTERNS

The grids are designed for upstand hoppers measuring a maximum of 200x200cm.

The design of the grille and fixing brackets means that it can be adapted on site by simply cutting one or more meshes.

### TECHNICAL CHARACTERISTICS OF RESISTANCE

- 1200 joules

Tests carried out in accordance with C.R.A.M. MR72 recommendations and the G.I.F. test protocol (March 1997).

- **Static test:** 300 DaN (1 minute)
- **Dynamic test:** a 50 kg spheroconical bag (NF P08-301) dropped from a height of 2.45 m.

(equivalent energy: 1200 joules)

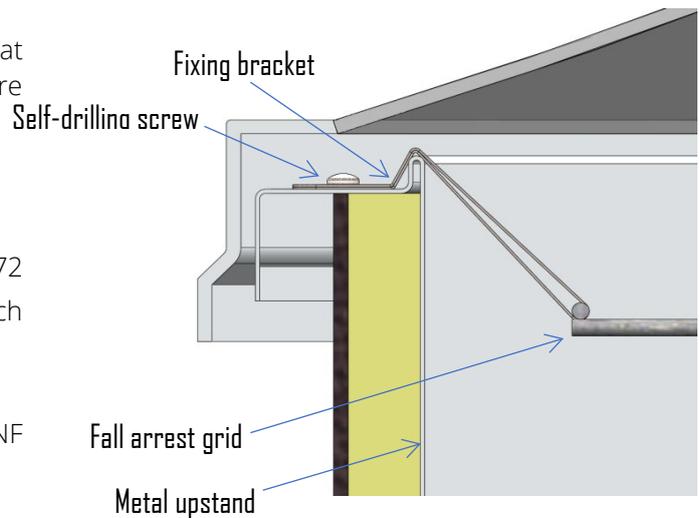
### TECHNICAL SPECIFICATIONS

- Grid :
  - Ø 4 mm galvanised steel wire
  - 90 x 90 mm mesh
- Mounting bracket: galvanised steel
- Fixings: Ø 5.5 x 25mm self-drilling screws

### INSTALLATION FEATURES

- The fall arrest grids are installed inside the hopper from the outside, after dismantling or opening the dome.
- The louvre brackets are fixed using 2 self-drilling screws to the horizontal part of the metal upstand with a minimum thickness of 12/10.

### MOUNTING PRINCIPLE



#### **Note for smoke extraction rooflights :**

**The small cross-section of the grilles has little influence on the effective smoke extraction surface area (SUE). However, you should check that the available EES is still compatible with the fire safety regulations for your building.**

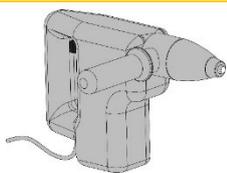


Distribué par

# Fall arrest grids for rooflights

**ALTIGRID**

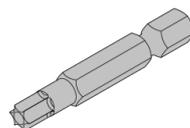
## TOOLS & PERSONNEL REQUIRED



1



2



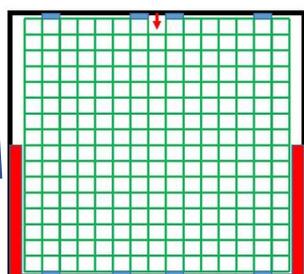
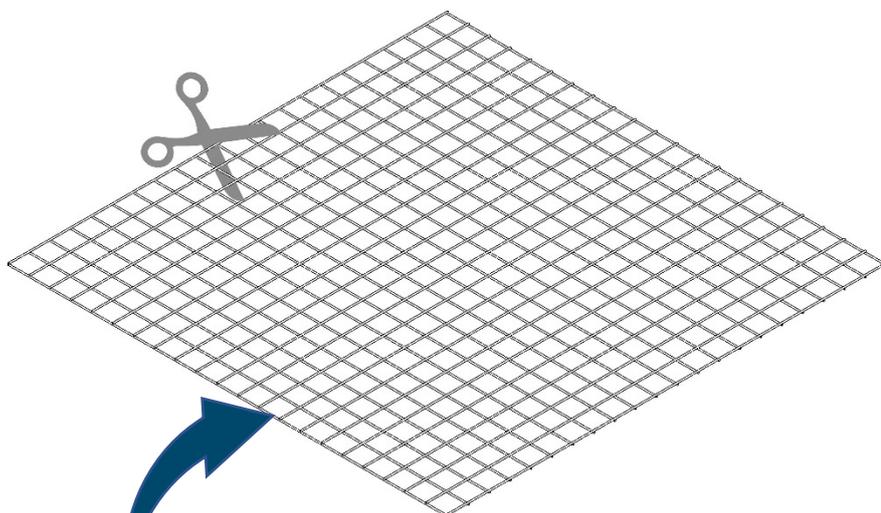
TX25

3

x2



4



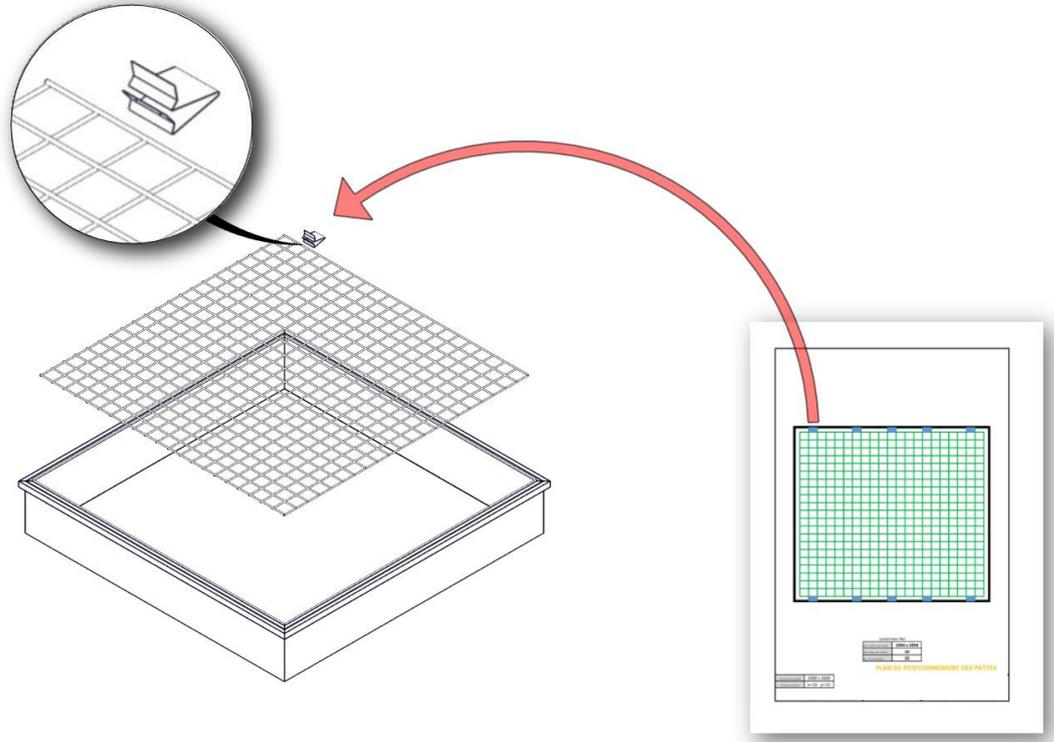


Distribué par

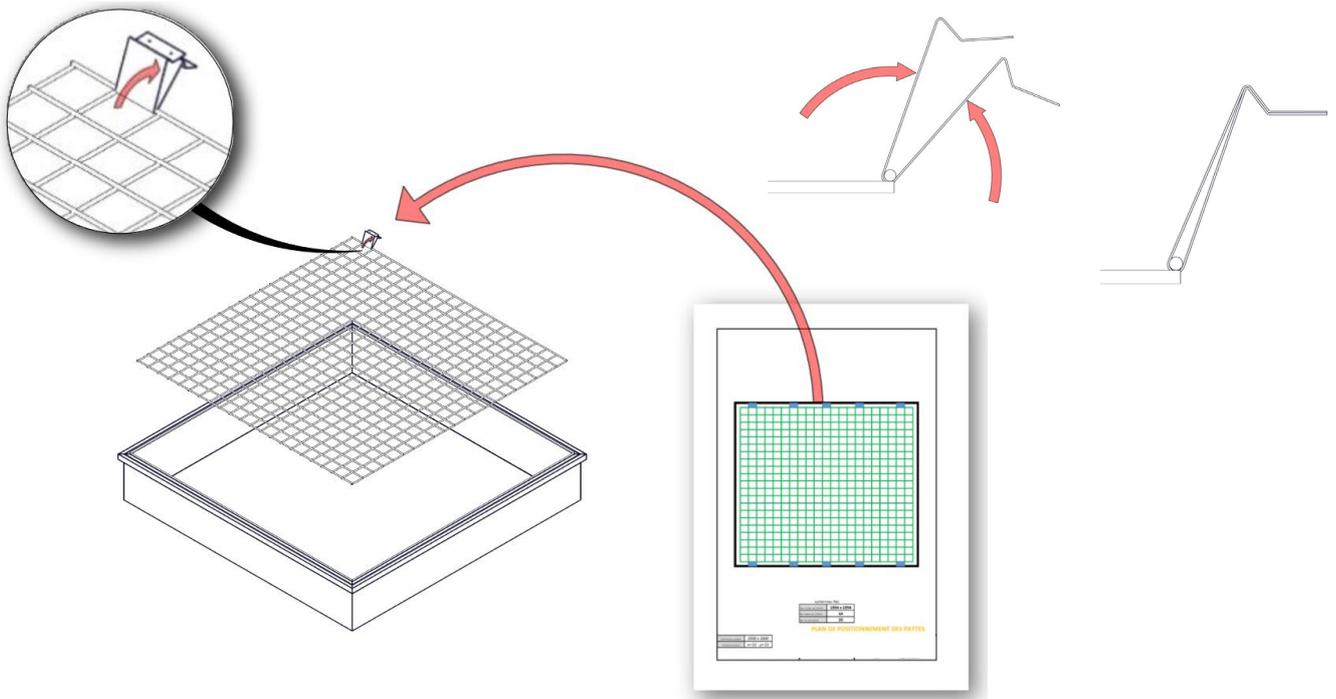
# Fall arrest grids for rooflights

## ALTIGRID

1



2



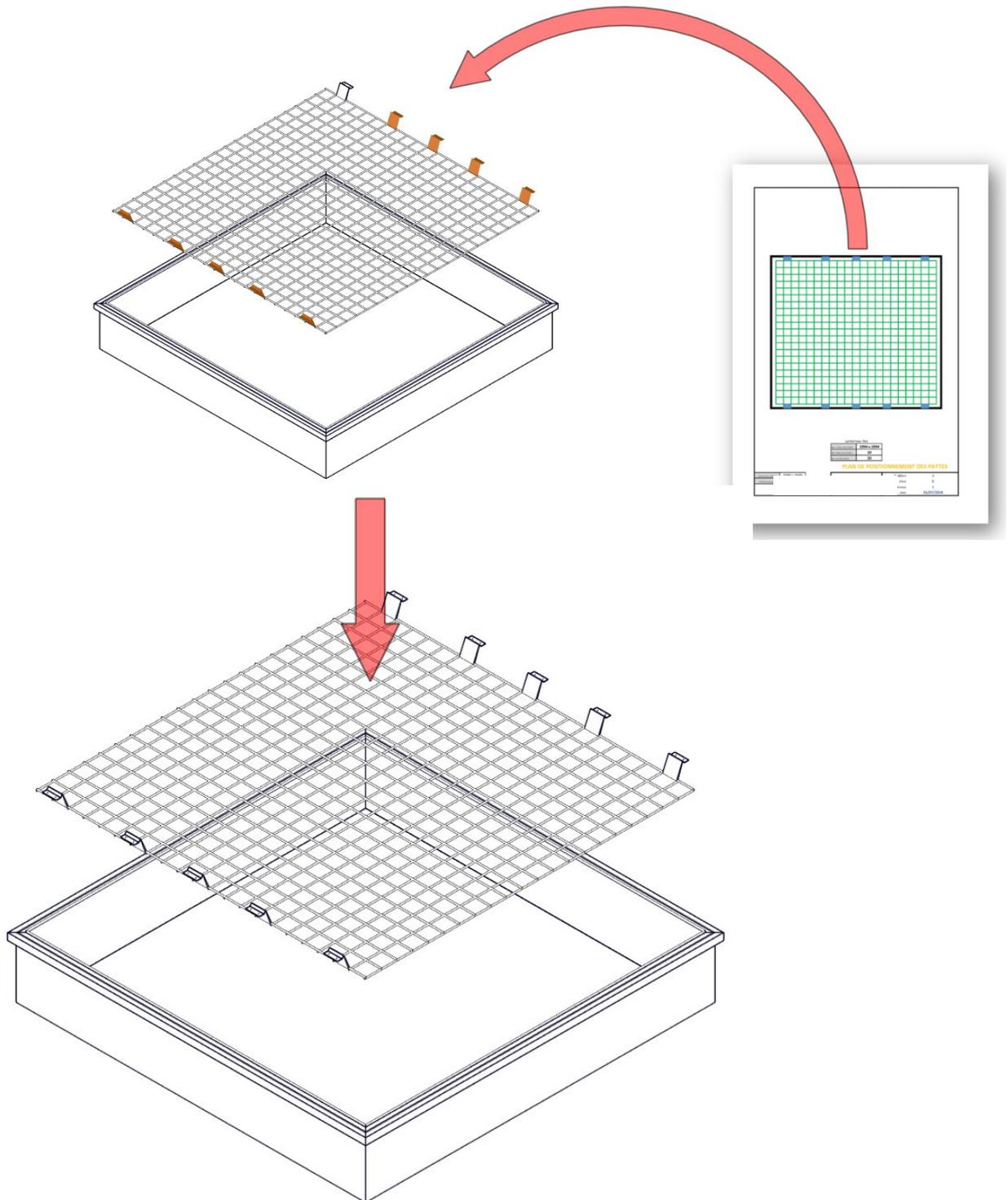


Distribué par

# Fall arrest grids for rooflights

**ALTIGRID**

**3**



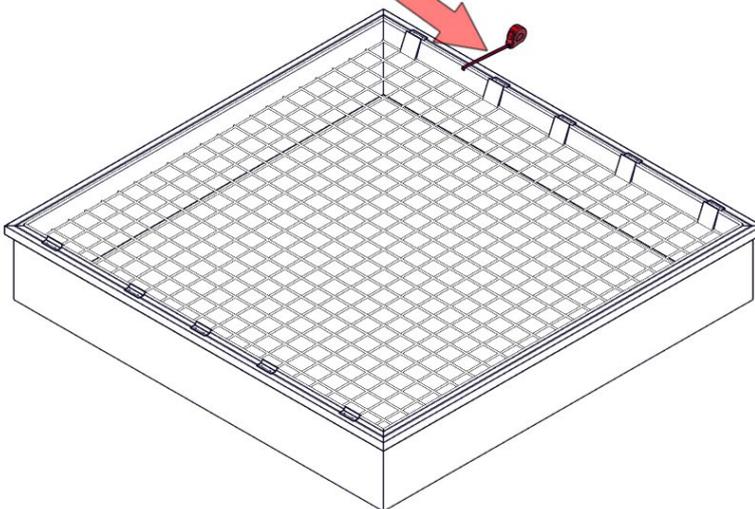
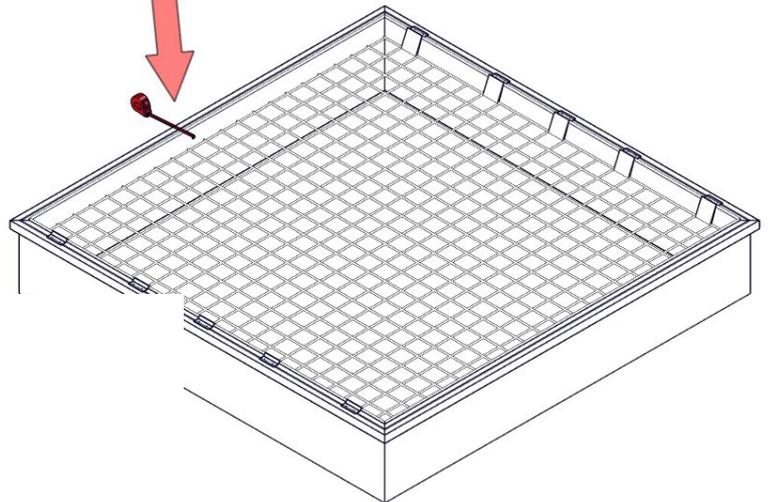


Distribué par

## Fall arrest grids for rooflights

**ALTIGRID**

**4**



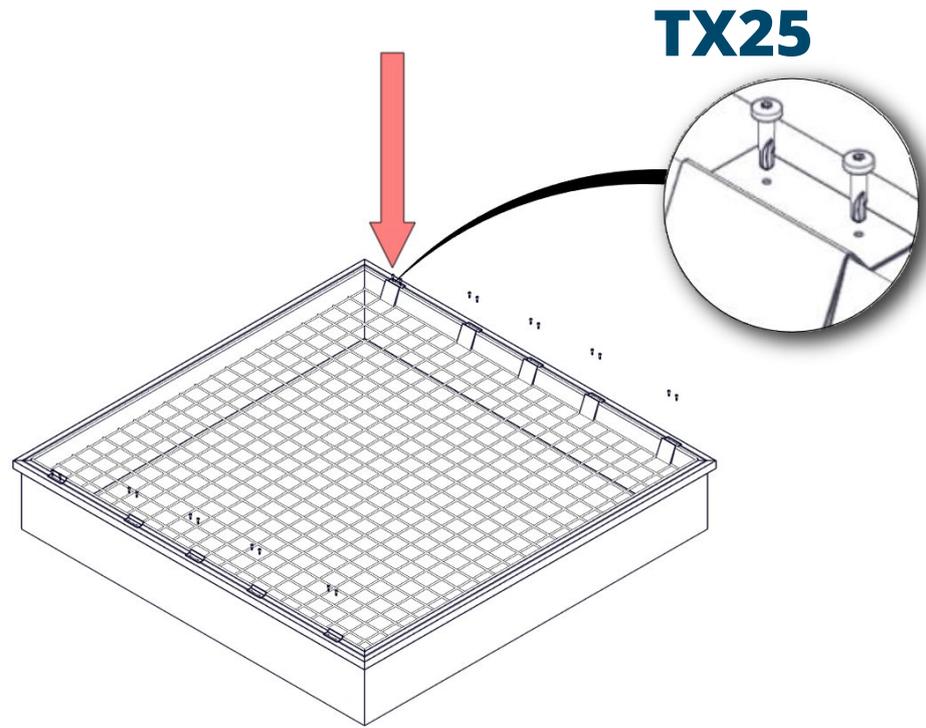


Distribué par

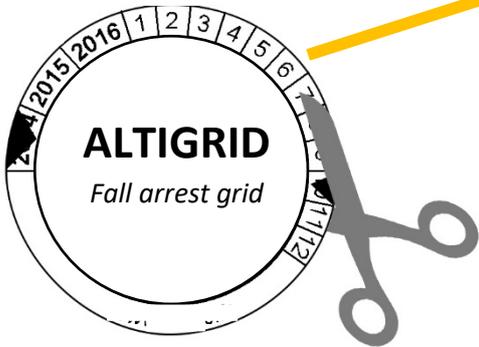
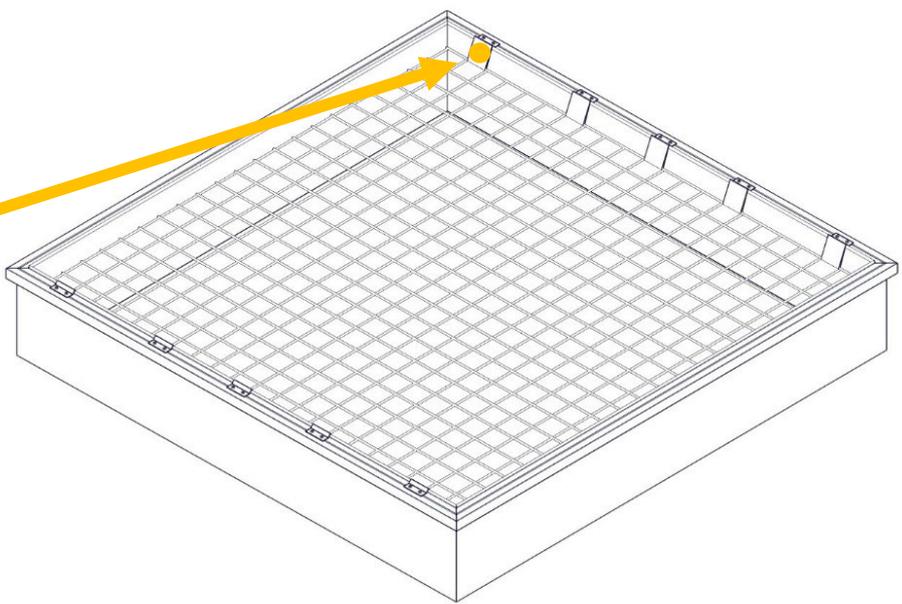
# Fall arrest grids for rooflights

## ALTIGRID

5



6





Distribué par

## Fall arrest grids for translucent

### ALTIGRID

#### TRANSLUCIDES

The design of the mounting brackets, combined with the possibility of recutting the grilles on site, means that they can be adapted to the various configurations encountered.

#### TECHNICAL CHARACTERISTICS OF RESISTANCE

- 1200 joules

Tests carried out in accordance with C.R.A.M. MR72 recommendations and the G.I.F. test protocol (March 1997).

- **Static test:** 300 DaN (1 minute)
- **Dynamic test:** a 50 kg spheroconical bag (NF P08-301) dropped from a height of 2.45 m. (equivalent energy: 1200 joules)

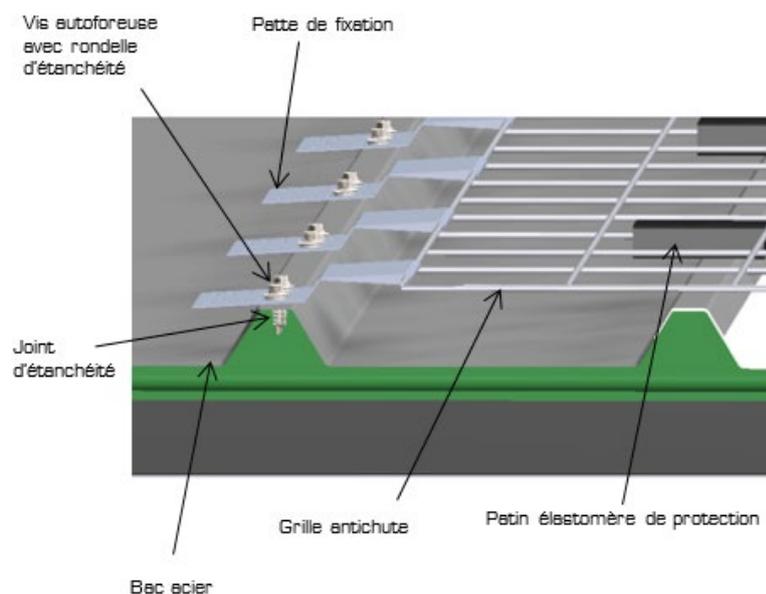
#### TECHNICAL SPECIFICATIONS

- **Grid :**
  - Ø 4 mm galvanised steel wire
  - Mesh size 100 x 100 mm
- **Mounting bracket:** galvanised steel
- **Fixings:** Ø 6.3 x **27mm** self-drilling screws

#### INSTALLATION FEATURES

- The anti-drop grilles are installed directly above the translucent trays from the outside,
- The louvre brackets are fixed to the horizontal part of the corrugation of the steel sheet using 2 self-drilling screws.
- The legs can be adjusted to suit different configurations.

#### MOUNTING PRINCIPLE



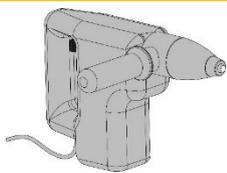


Distribué par

## Fall arrest grids for translucent

**ALTIGRID**

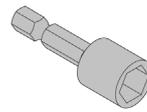
### TOOLS & PERSONNEL REQUIRED



1



2



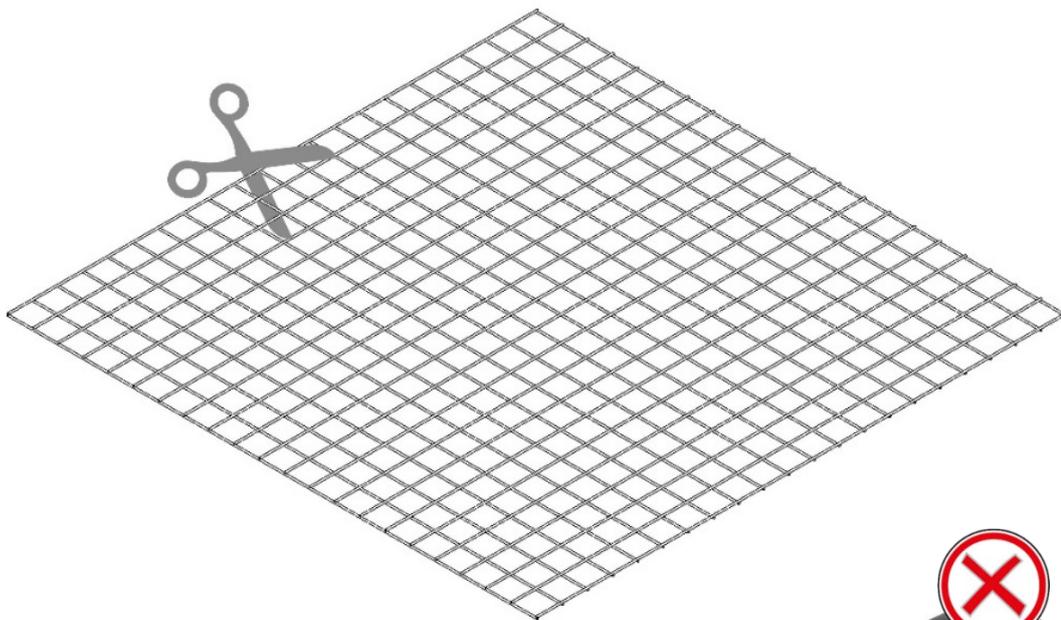
3

8

x2



4

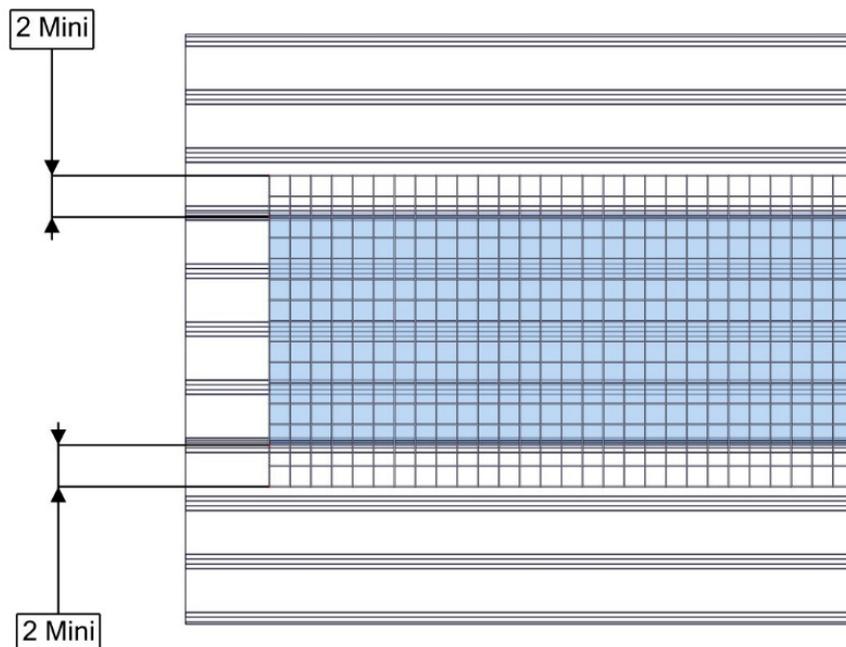
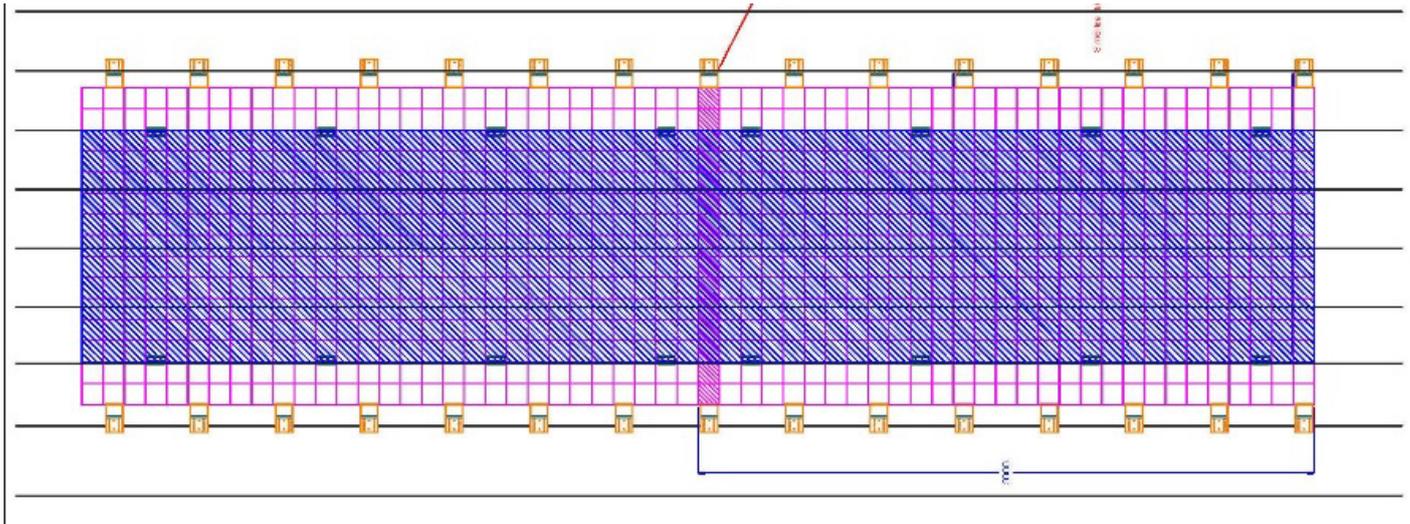




Distribué par

# Fall arrest grids for translucent

**ALTIGRID**



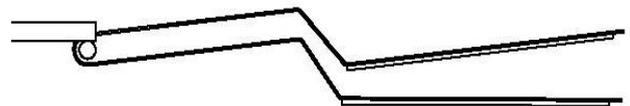
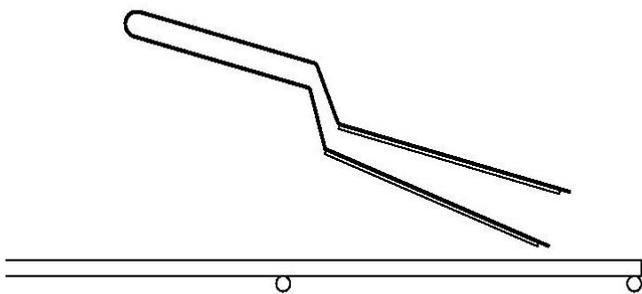
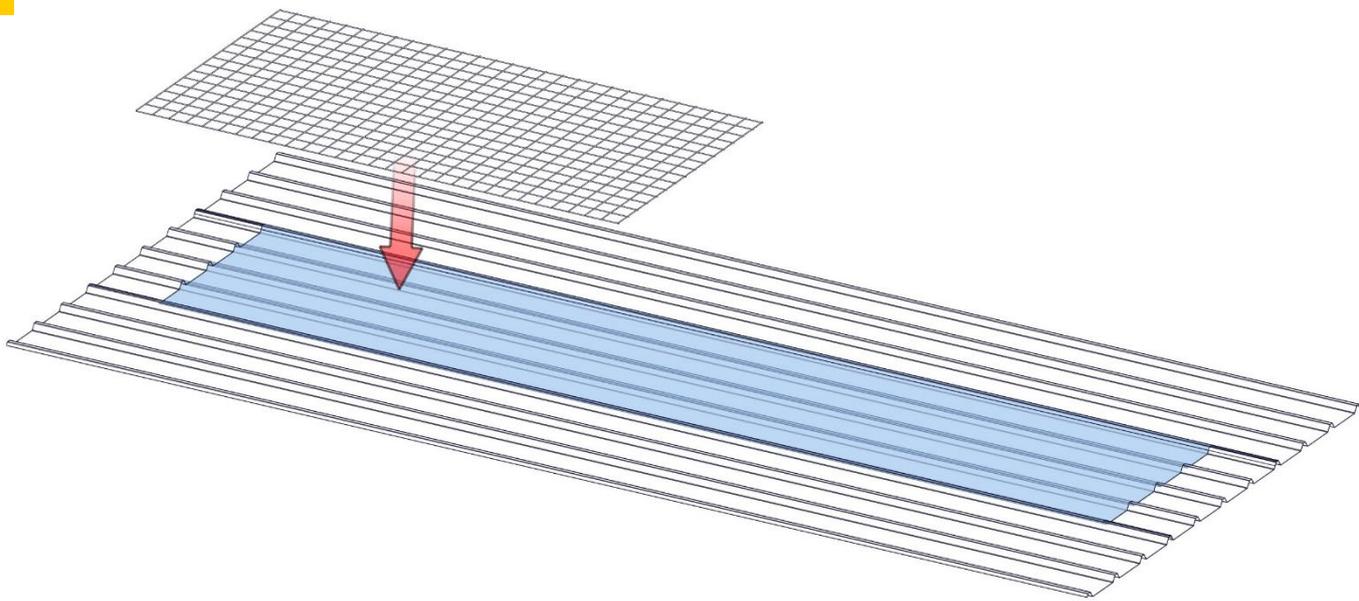


Distribué par

# Fall arrest grids for translucent

**ALTIGRID**

**1**



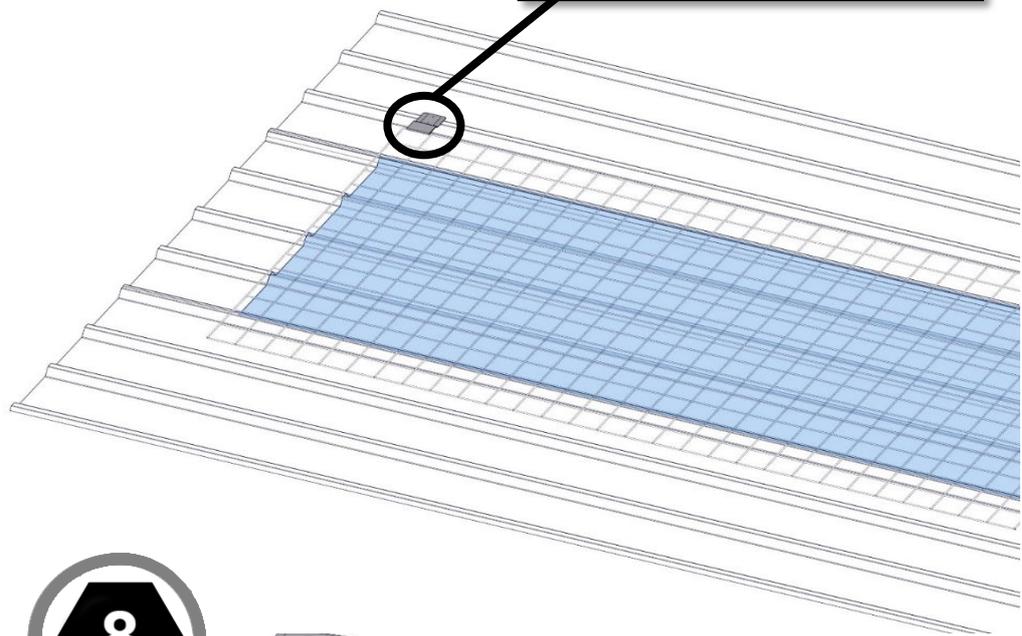
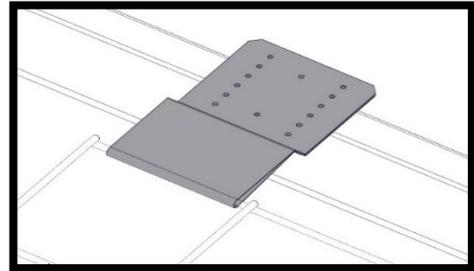


Distribué par

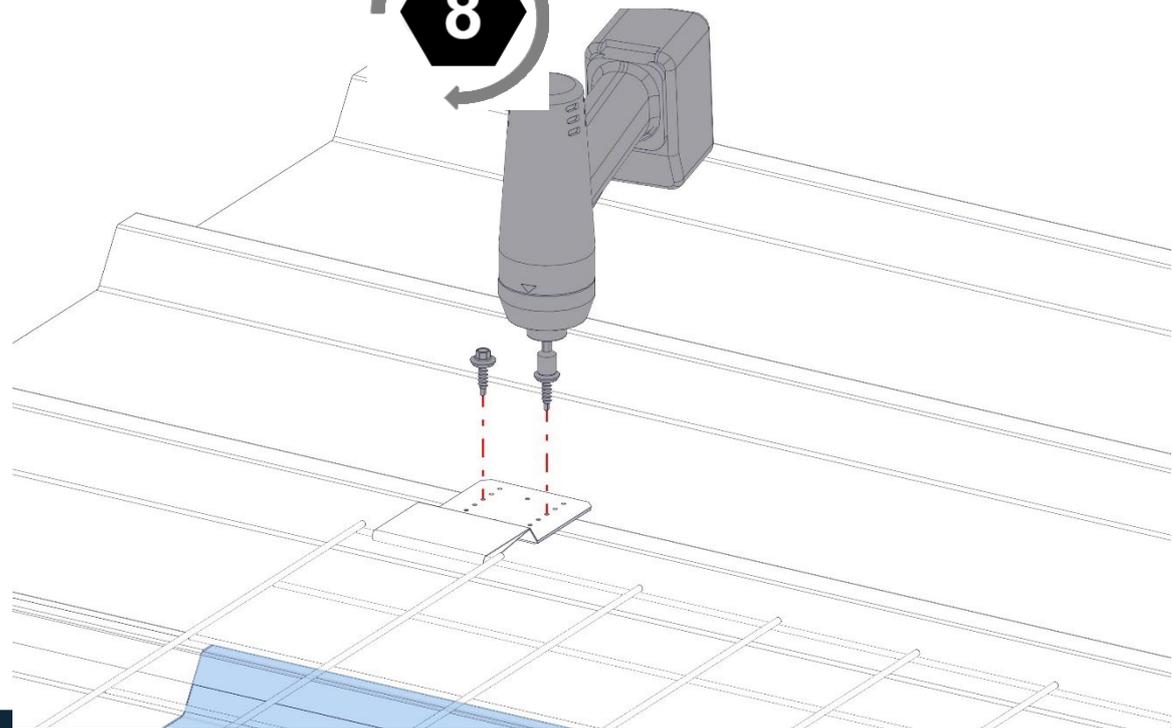
# Fall arrest grids for translucents

## ALTIGRID

2



3



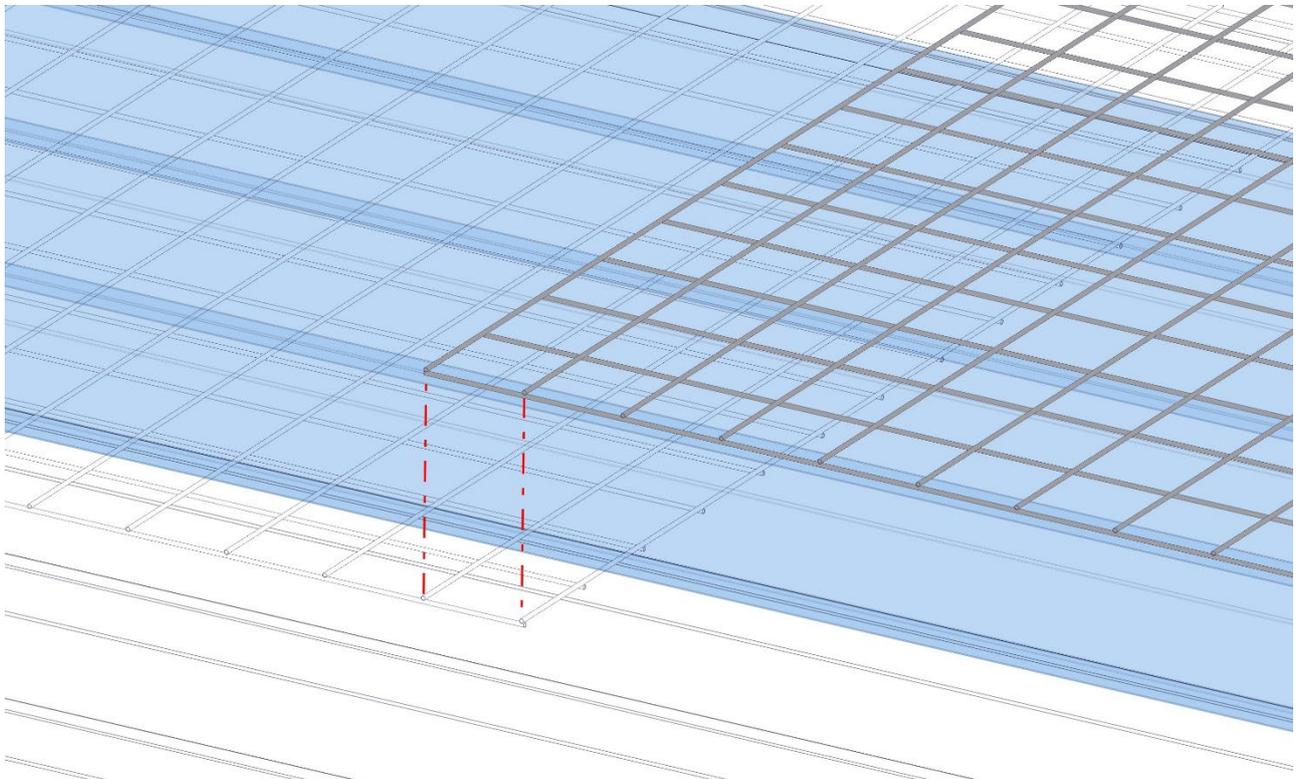
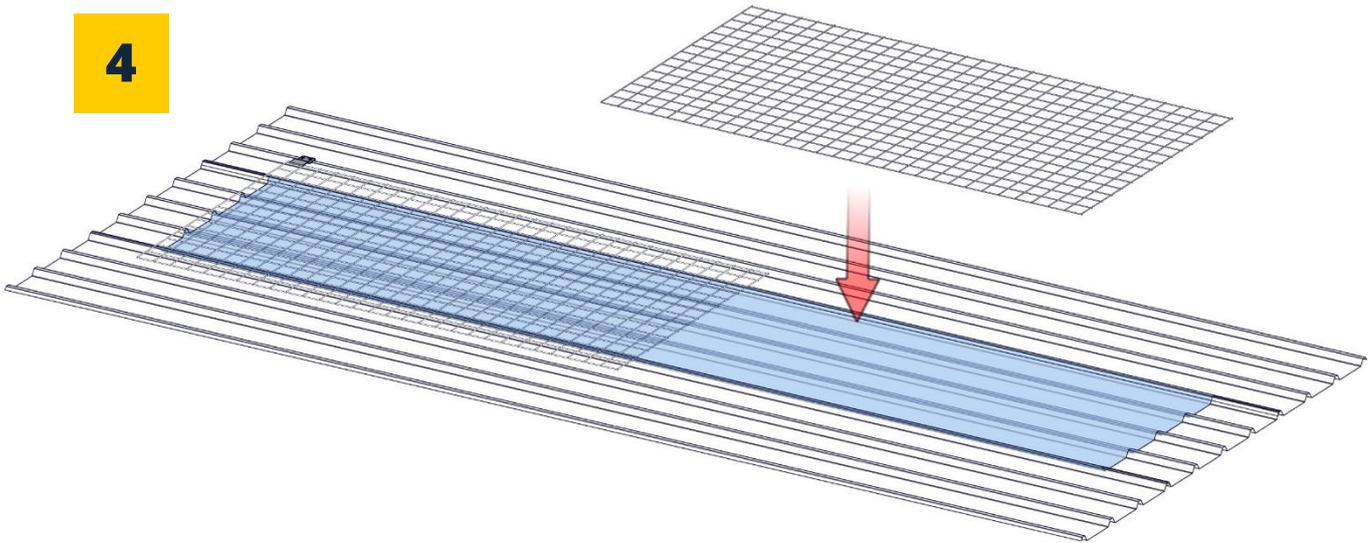


Distribué par

# Fall arrest grids for translucent

**ALTIGRID**

**4**



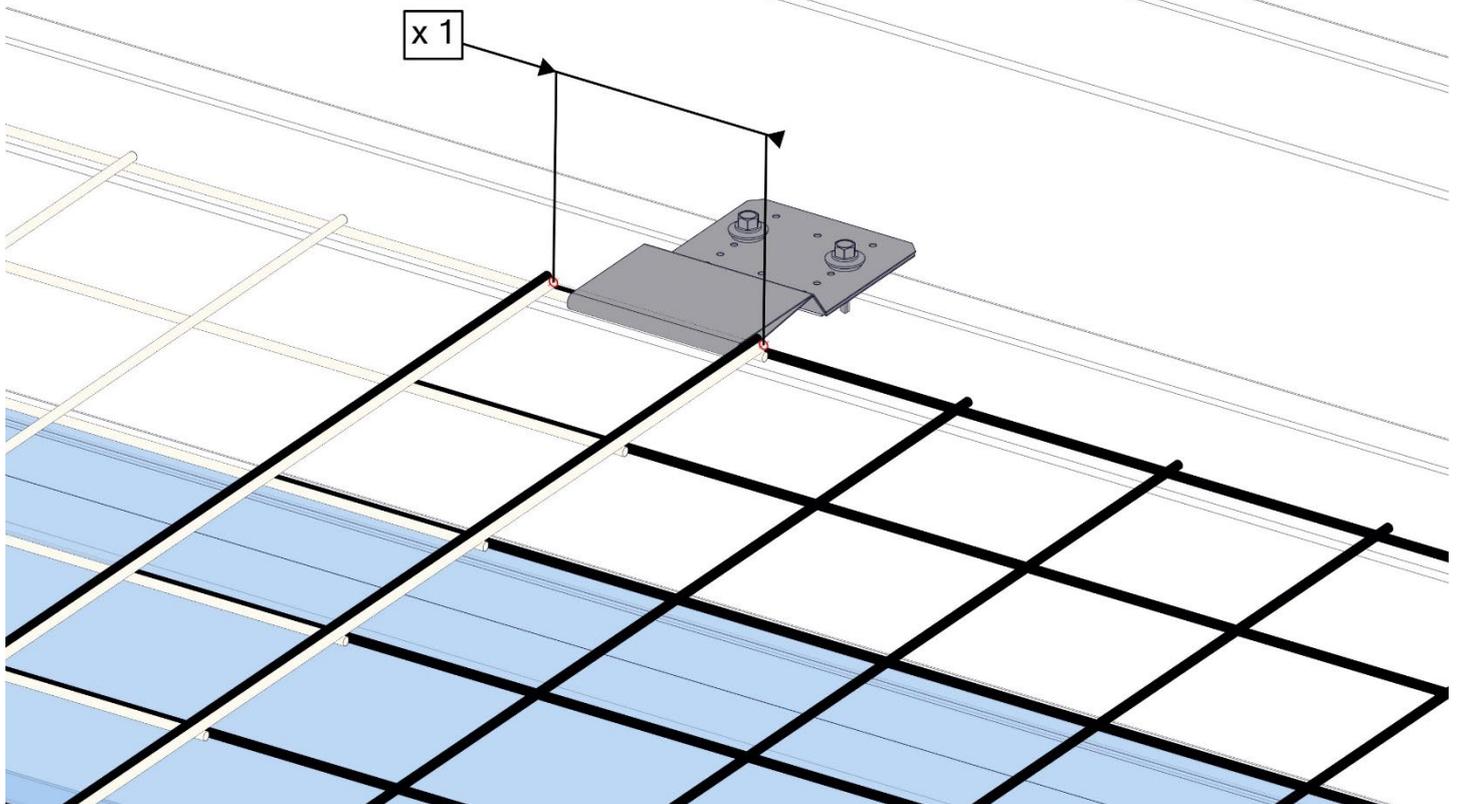
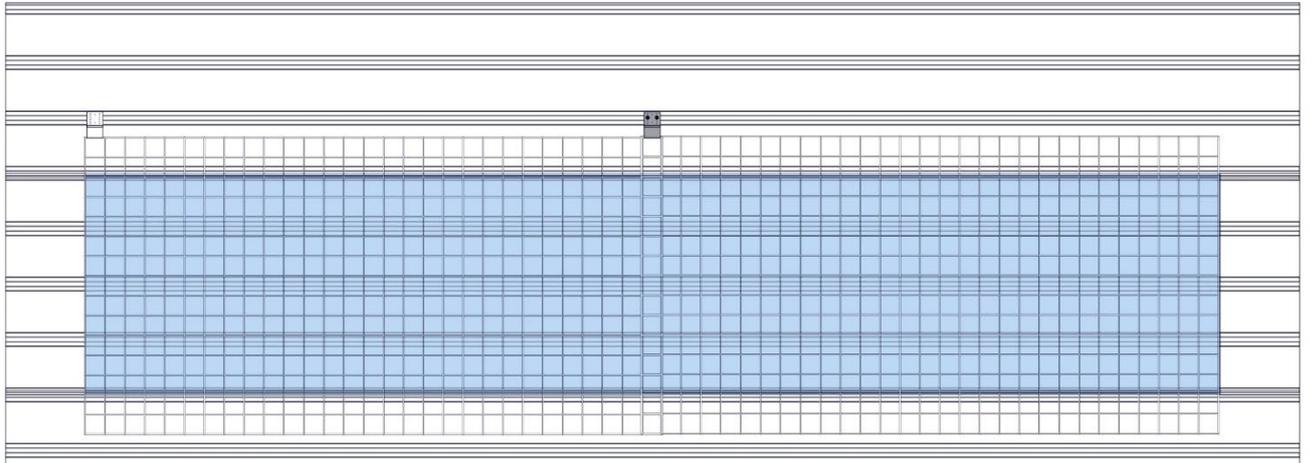


Distribué par

# Fall arrest grids for translucent

**ALTIGRID**

**5**



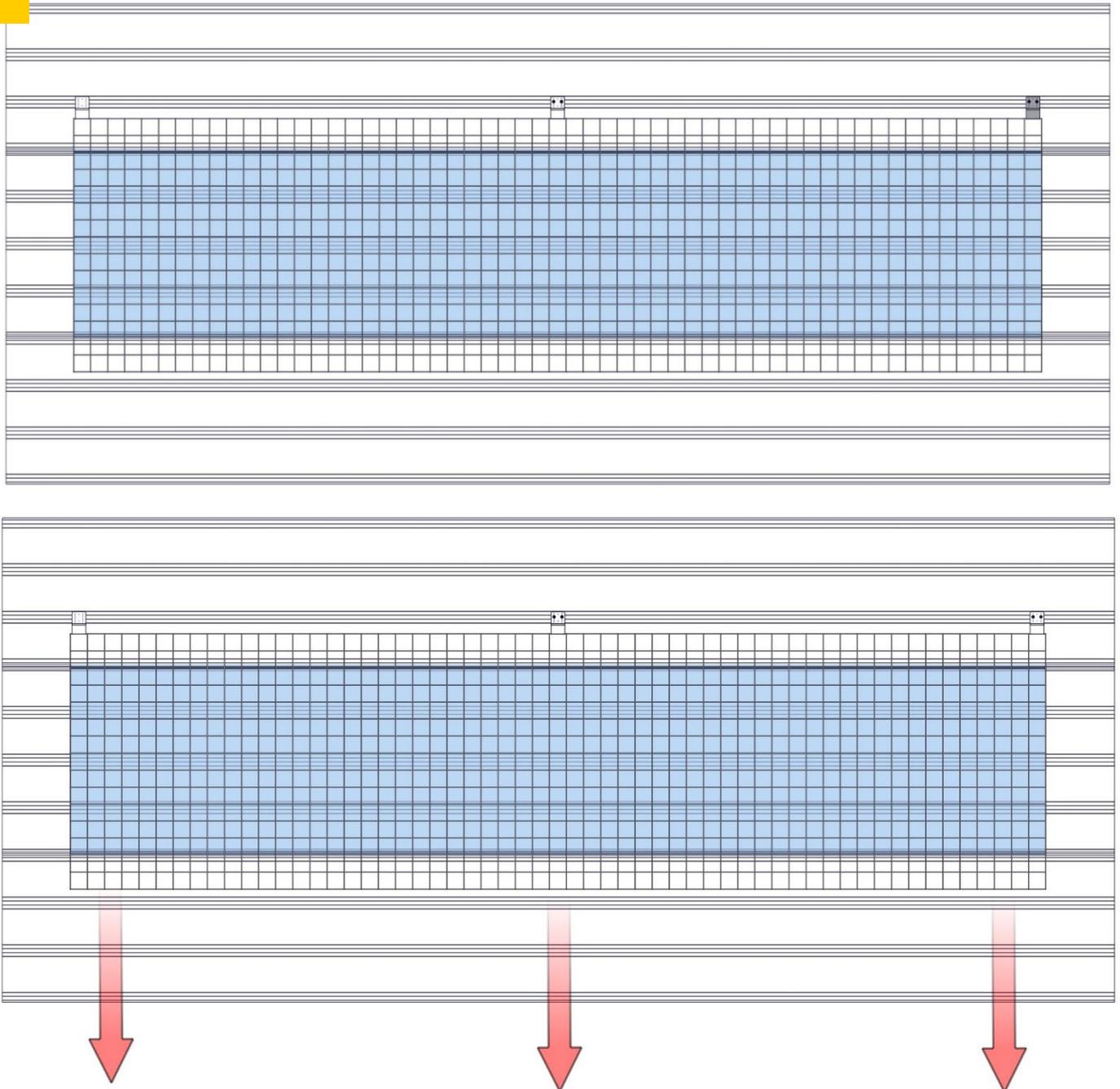


Distribué par

# Fall arrest grids for translucent

**ALTIGRID**

**6**



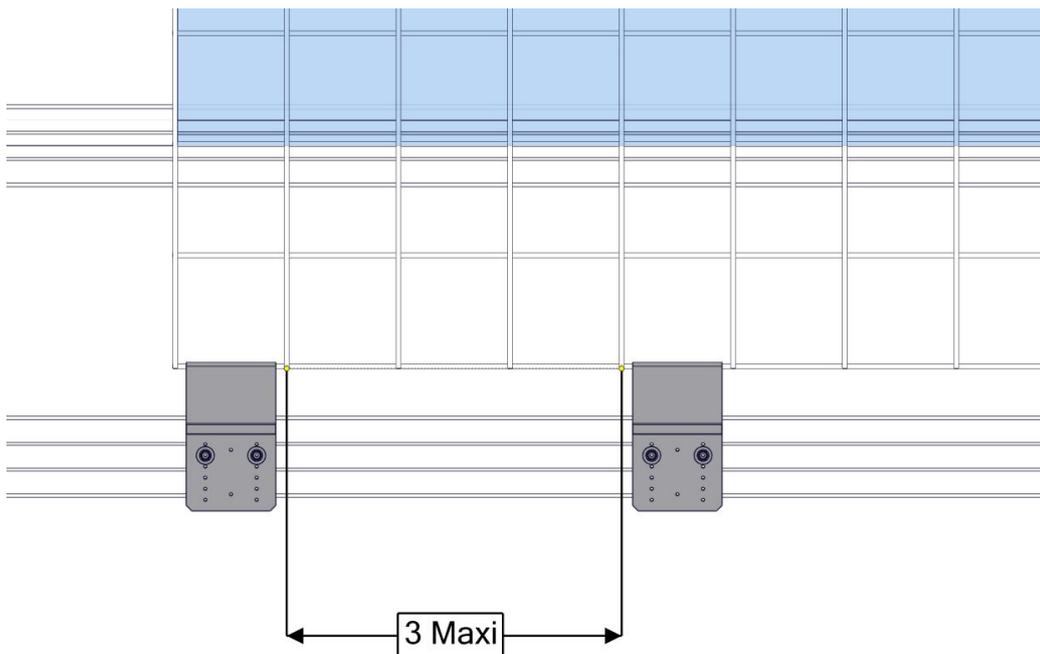
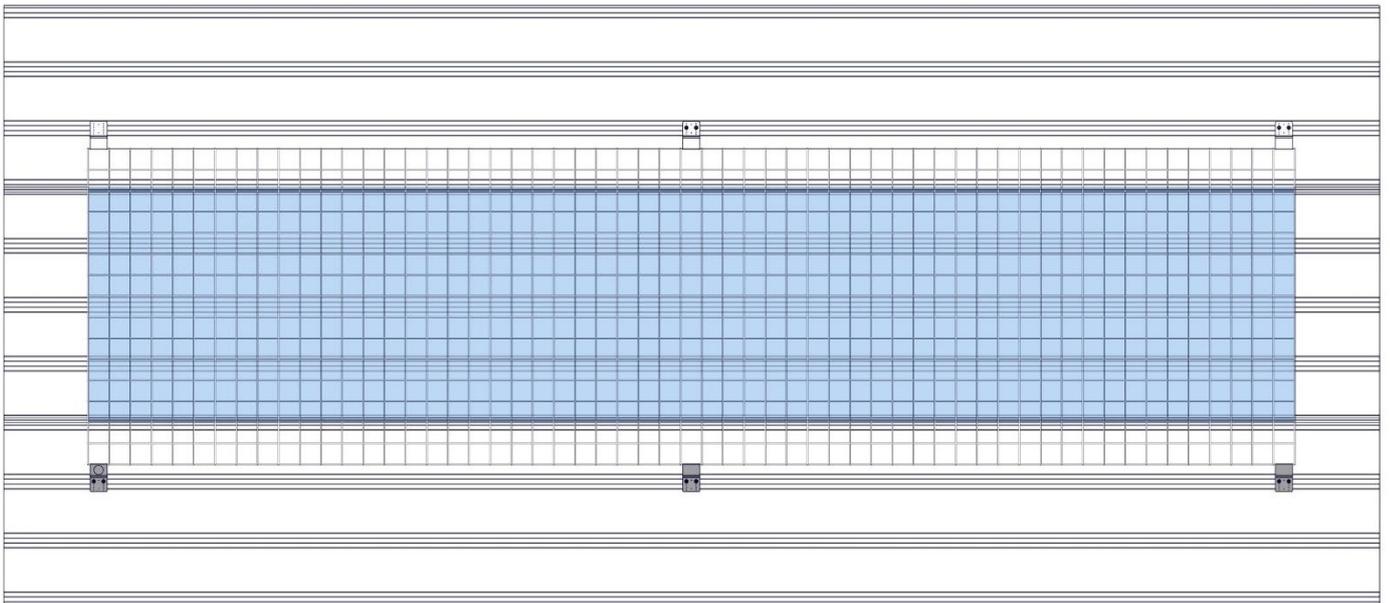


Distribué par

# Fall arrest grids for translucent

**ALTIGRID**

**7**



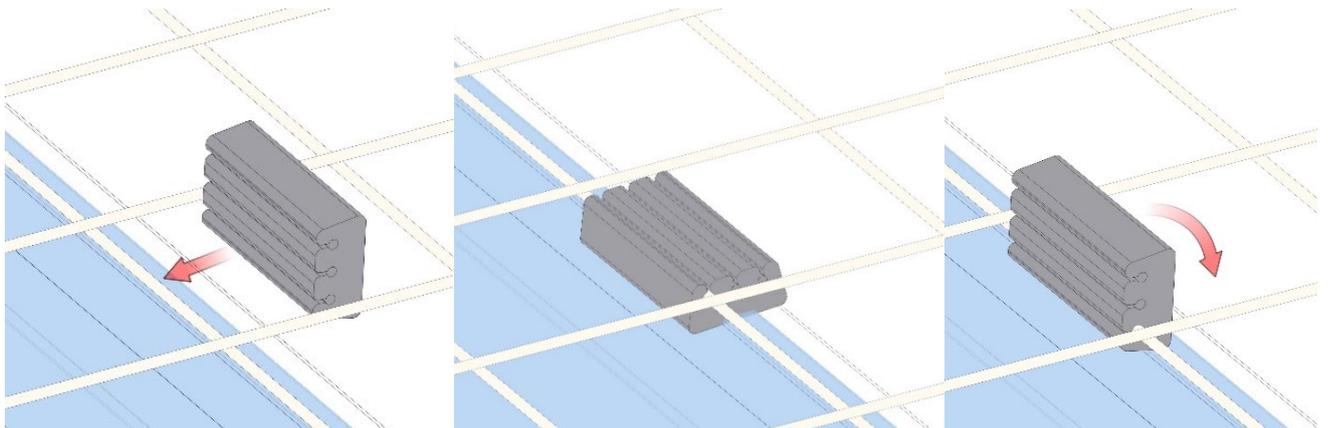
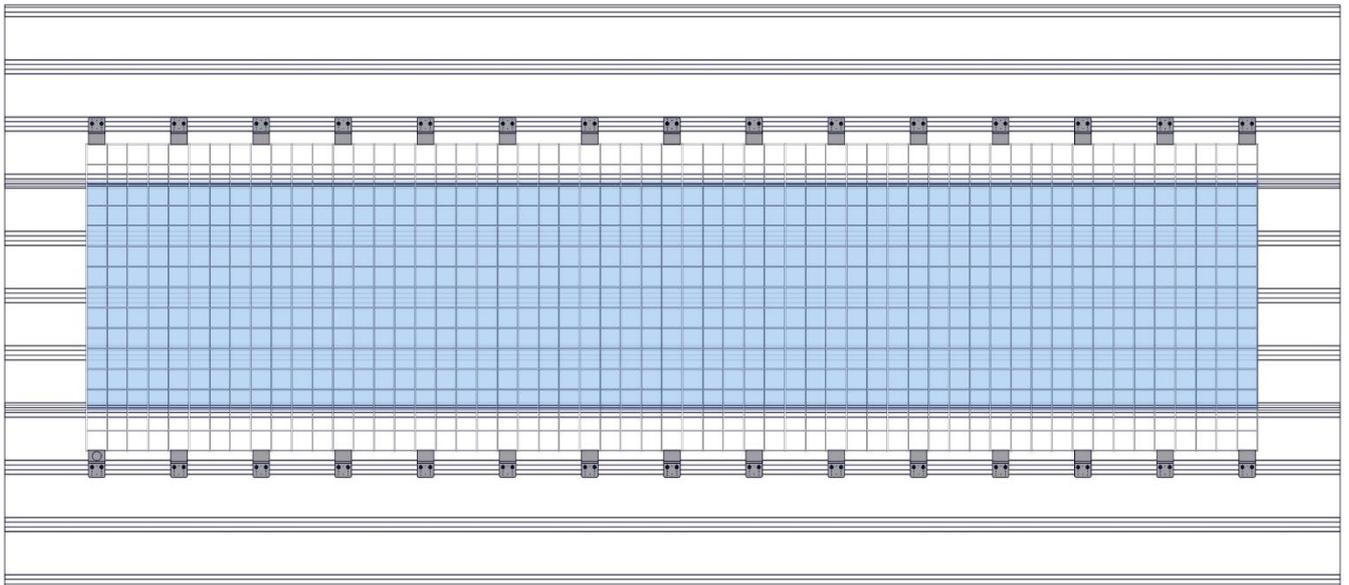


Distribué par

# Fall arrest grids for translucent

**ALTIGRID**

**8**



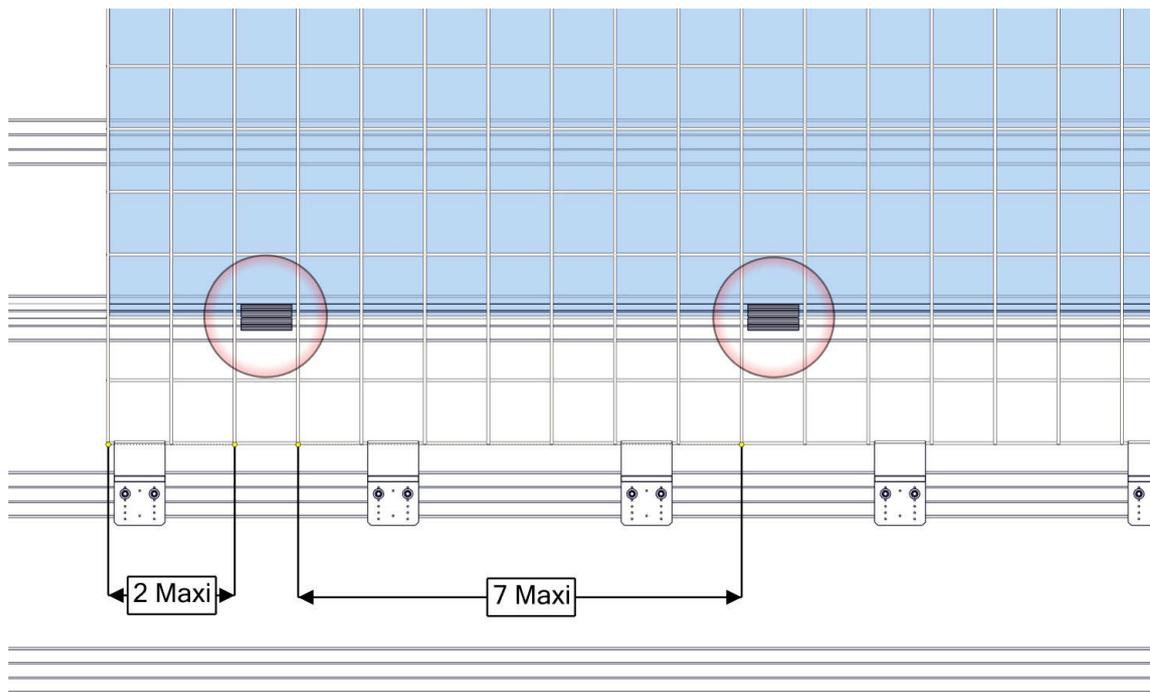
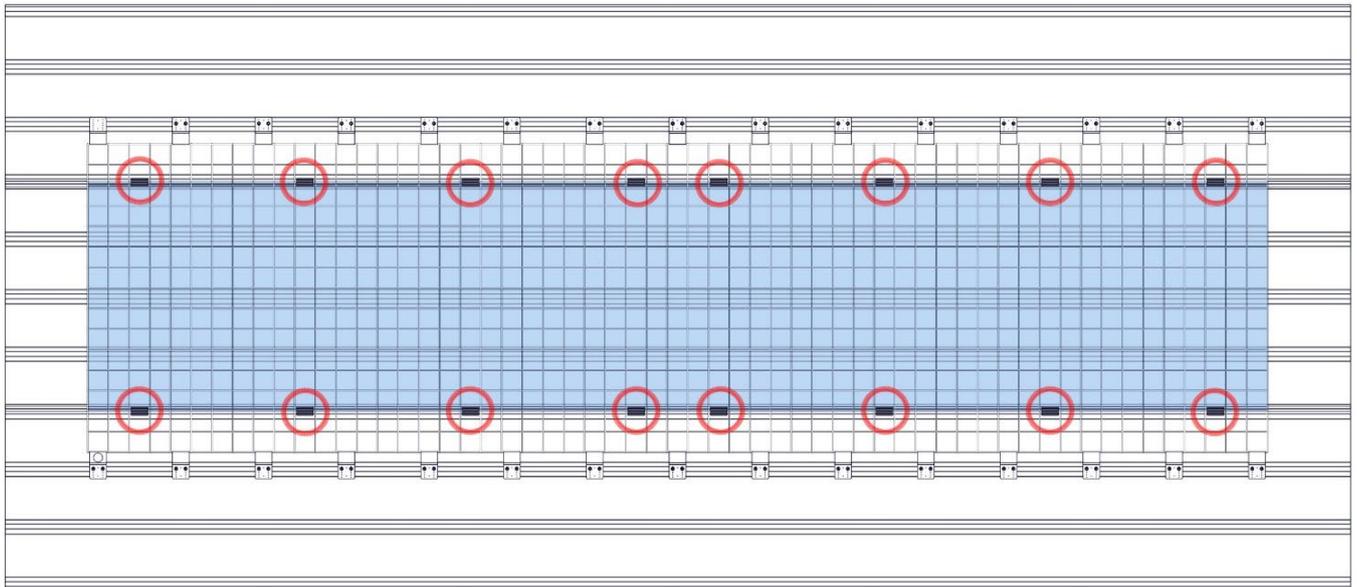


Distribué par

# Fall arrest grids for translucent

**ALTIGRID**

**9**





Distribué par

# Fall arrest grids for translucent

**ALTIGRID**

**10**

