

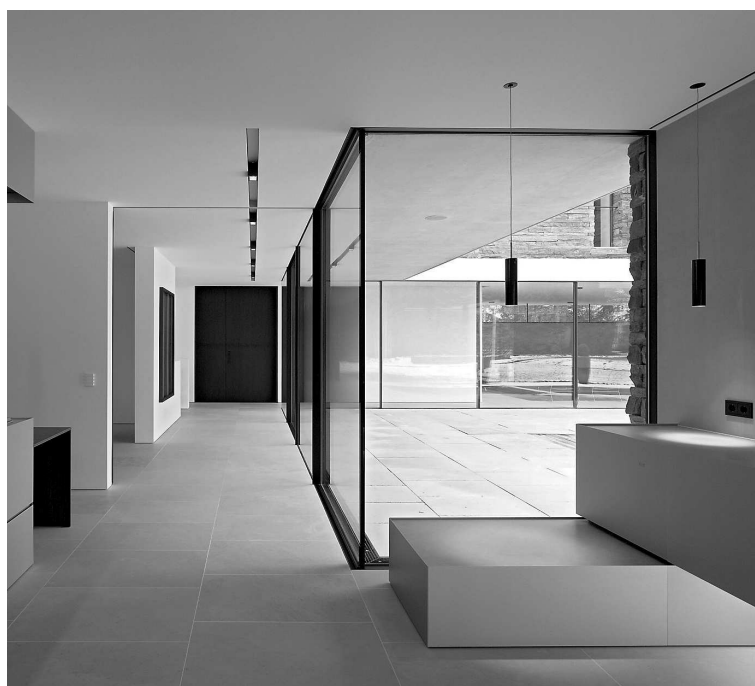


## Sky-Frame

### Installation instructions Increased burglary protection RC2

#### Installation instructions

Installation of additional components for Sky-Frame with class RC2 forced entry protection requirements.



#### Sky-Frame AG

Langfeldstrasse 111  
CH-8500 Frauenfeld  
Switzerland

Phone: +41 52 724 94 94  
Fax: +41 52 724 94 95

E-mail: [info@sky-frame.ch](mailto:info@sky-frame.ch)  
Internet: [www.sky-frame.ch](http://www.sky-frame.ch)



## Sky-Frame

### Installation instructions Increased burglary protection RC2

#### Installation instructions RC2

The following additional components must be fitted in a Sky-Frame 2 system with increased burglary protection requirements RC2:

- Glass lifting protection
- Fixed panel securing
- Edge opening fitting
- Corner opening fitting
- Centre opening (level) fitting
- Centre opening (offset) locking plate
- Fixed corner glazing with GRP-profile
- Laminated glass (LSG) with special PVB films (P4A)

#### IMPORTANT:

- Only lockable handles are permitted!
- Sky-Frame 1 is not certified RC2.

#### Installation

At least 3 fixing points must be present in the vertical direction.

The fixing point spacing of 700mm must not be exceeded in the horizontal direction.

The surrounding walls must be designed according to norm EN 1627\*.

#### **\*Note**

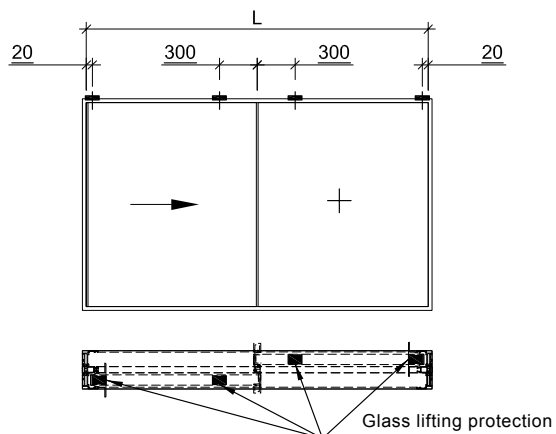
The country-specific standards apply.



## Sky-Frame

### Installation instructions Increased burglary protection RC2

#### Glass lifting protection



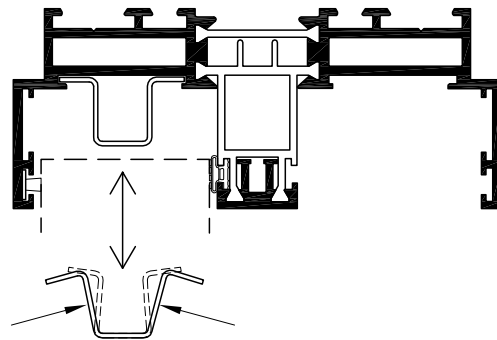
The glass lifting protection [1] is installed in all elements (sliding + fixed) in the factory.

Proceed as follows during installation:

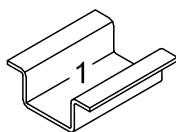
- 1) Lift the glass into the frame NEXT TO the required position (otherwise it will block at the top)

OR

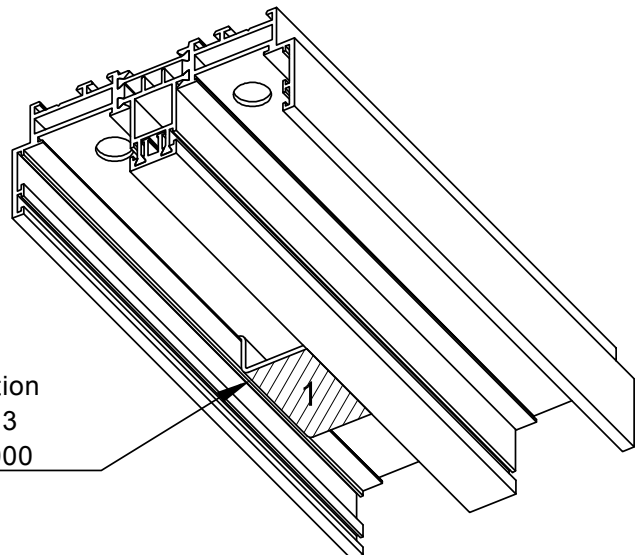
remove the glass lifting protection [1] in advance.



- 2) Slide the glass into the closed position.



Glass lifting protection  
Sky-Frame 1+2 / 3  
Art. 136900 / 137000





## Sky-Frame

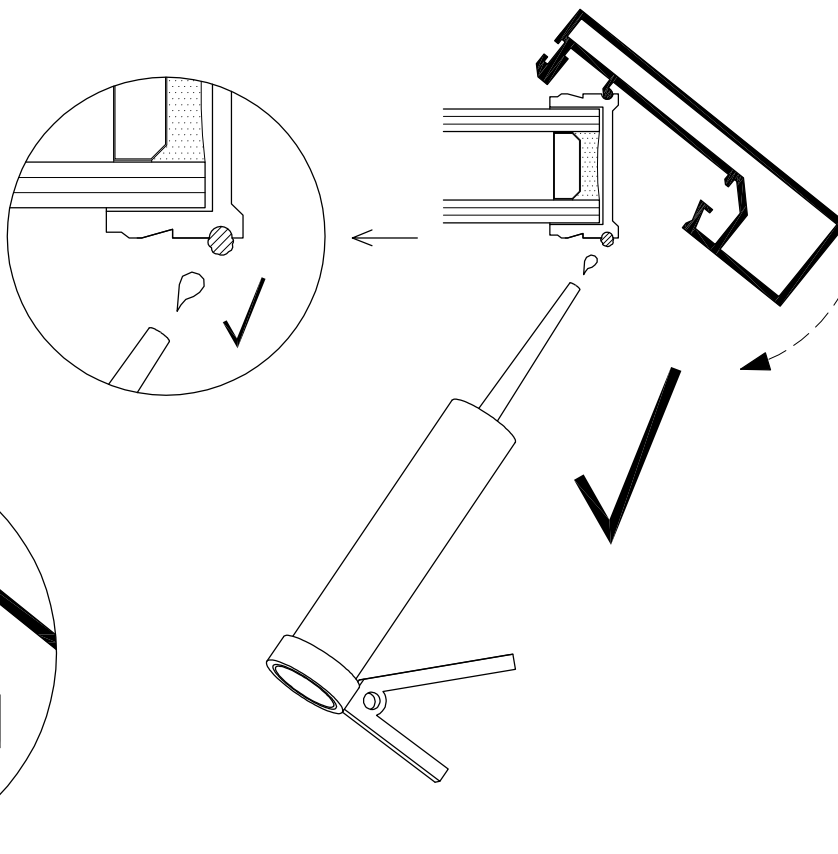
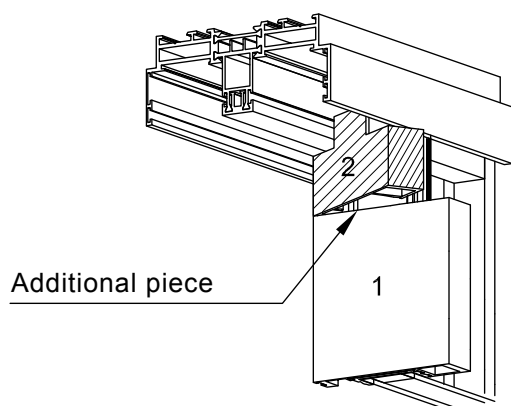
### Installation instructions Increased burglary protection RC2

#### Labyrinth

The vertical profiles [1] are already securely glued to the GRP frame in the factory. Only the additional piece [2] needs to be fitted on site.

Proceed as follows during installation:

- 1) Apply Polyflex 444 into the groove in the area of the additional piece [2]. The glue could be severed with a knife in the event of profile removal.
- 2) Clip on additional piece [2] (top) and slide together.
- 3) Remove all visible traces of adhesive.

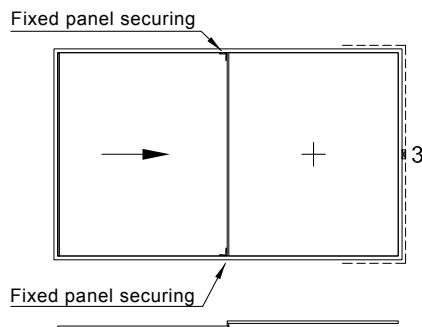




## Sky-Frame

### Installation instructions Increased burglary protection RC2

#### Fixed panel securing



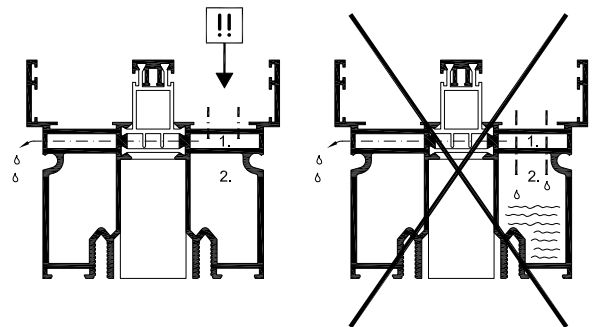
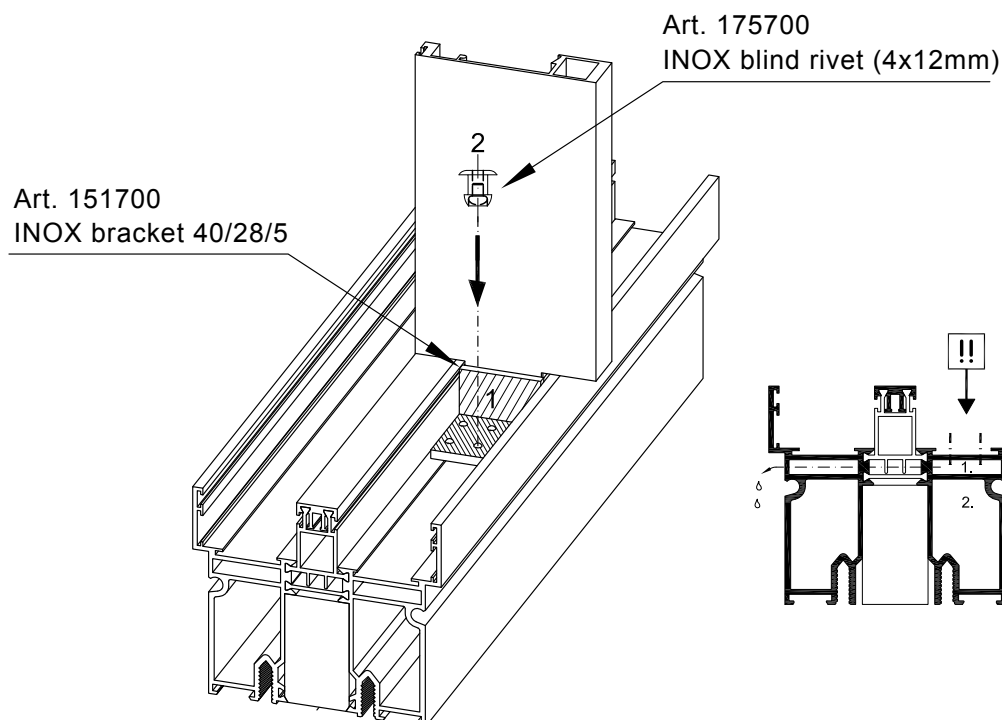
Fixed panel securing brackets must be fitted at the top + bottom to ensure that the fixed elements cannot be pushed sideways. Fixed panels on the frame side end must be secured to the vertical frame section [3] to prevent slipping.

Proceed as follows during installation:

- 1) Slide the glass into the closed position (see "Glass lifting protection").
- 2) Hold fixed panel securing brackets [1] at the top+bottom in the rail, flush with the vertical profile.
- 3) Secure INOX brackets with the four supplied rivets [2].



**ATTENTION:**  
Drilled holes only into the first chamber!!

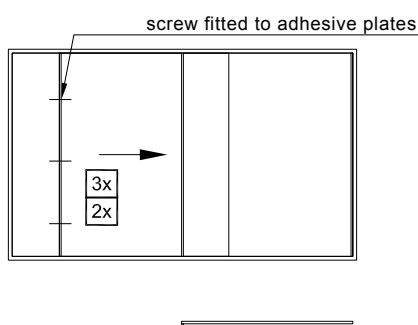




## Sky-Frame

### Installation instructions Increased burglary protection RC2

#### Locking profile screw fitting edge opening



The vertical locking profile must be screwed in place so that it cannot be separated from the glass.

The adhesive plates are already securely glued to the GRP frame in the factory.

Proceed as follows during installation:

- 1) Clip the locking profile [1] to the GRP profile using the rubber mallet.
- 2) 3 cylinder head screws with hexagon socket (M8x20) only tighten finger-tight [2].

Art. 210600

Adhesive plate (180/5) in factory glued to GRP

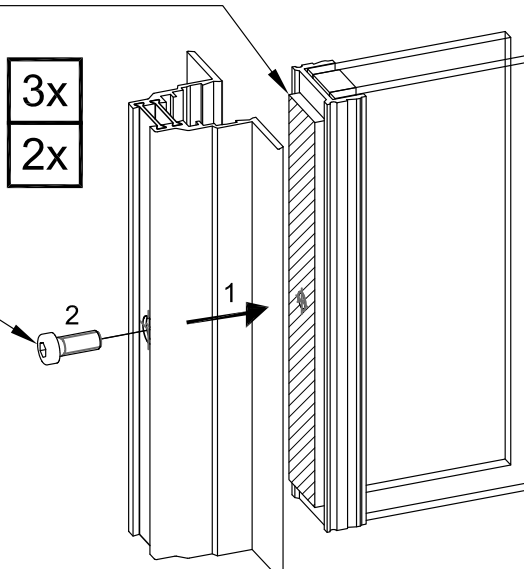
#### Fixation:

Sky-Frame 1+2 = 3 plates

Sky-Frame 3 = 2 plates

Art. 180200

Cylinder head screw M8x20

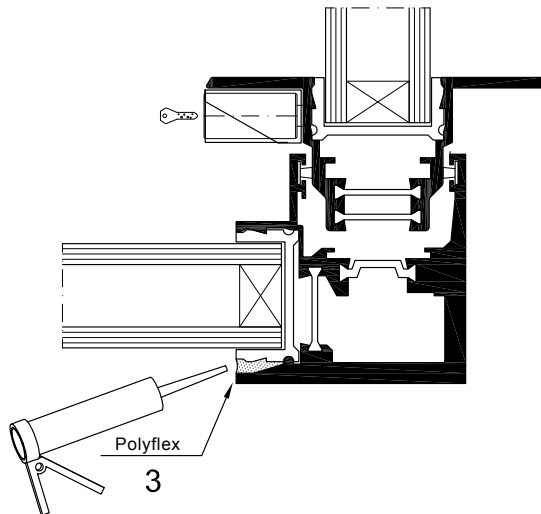




## Sky-Frame

### Installation instructions Increased burglary protection RC2

#### Locking profile screw fitting corner opening



The vertical corner locking profile must be screwed in place so that it cannot be separated from the glass.

The adhesive plates are already securely glued to the GRP frame in the factory.

The outer distance of the inlet profile must also be joined using Polyflex 444.

Proceed as follows during installation:

- 1) Clip the locking profile [1] to the GRP profile using the rubber mallet and slide the rubber inserts (top and bottom) as far as they will go at the top.
- 2) Cylinder head screws with hexagon socket (M8x20) only tighten finger-tight [2].
- 3) Fit Polyflex 444 over entire height of inlet profile [3].

Art. 210600

Adhesive plate (180/5) in factory glued to GRP

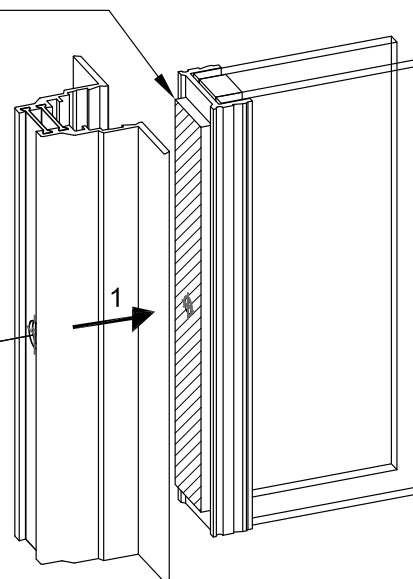
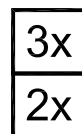
#### Fixation:

Sky-Frame 1+2 = 3 plates

Sky-Frame 3 = 2 plates

Art. 180200

Cylinder head screw M8x20

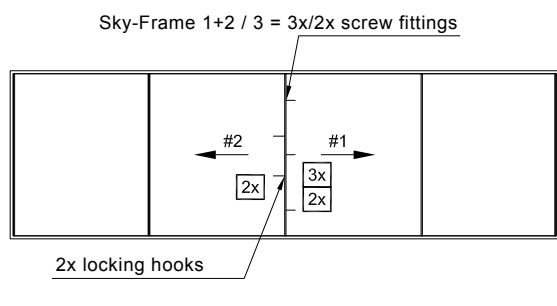




## Sky-Frame

### Installation instructions Increased burglary protection RC2

#### Locking profile screw fitting centre opening (level)A



2 locking hooks are needed to hold together the level centre opening.

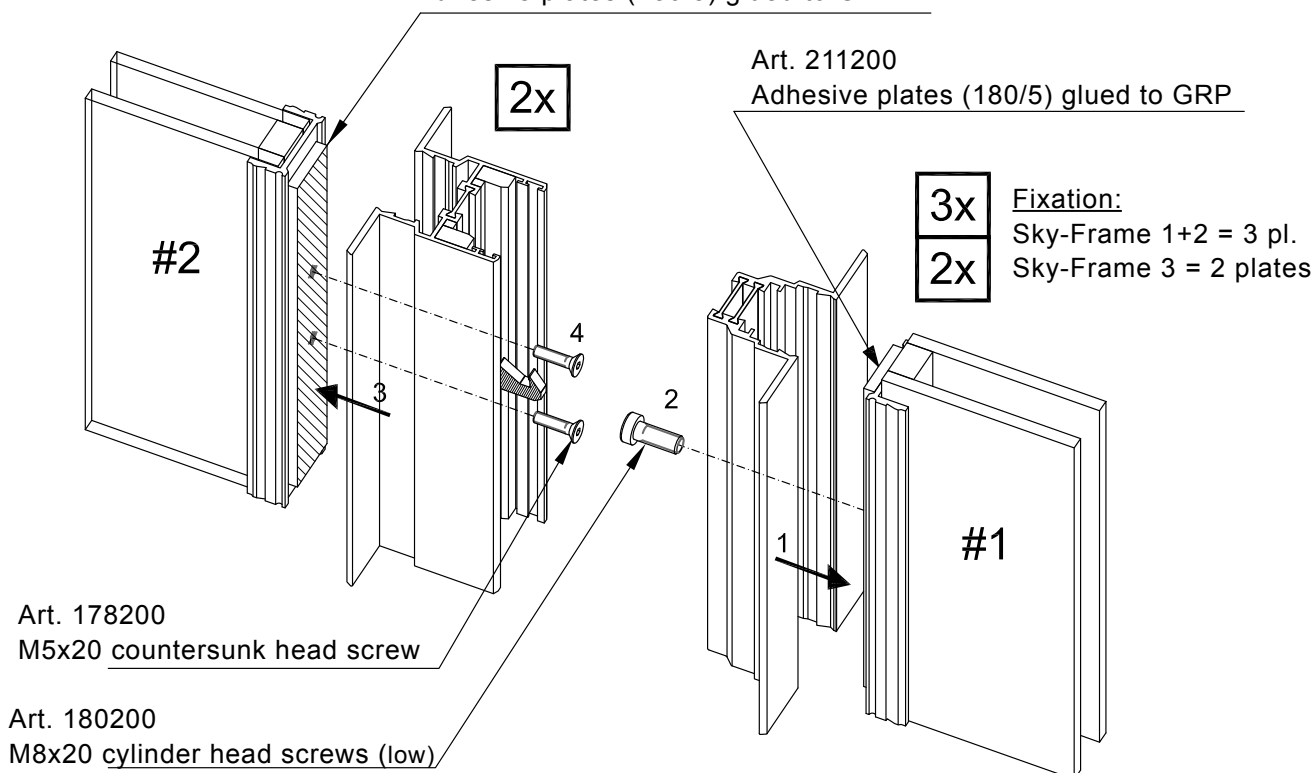
The adhesive plates are already securely glued to the GRP frame in the factory.

Proceed as follows during installation:

- 1) Clip the locking profiles [1+3] to the GRP profiles using the rubber mallet.
- 2) Hex screws (M8x20, low shape!) only tighten finger-tight [2].
- 3) Screw each of the two locking hooks to the adhesive plates with 2 countersunk screws (M5x20) through the inlet profile [3], tighten finger-tight [4].

Art. 211200  
Adhesive plates (180/5) glued to GRP

Art. 211200  
Adhesive plates (180/5) glued to GRP



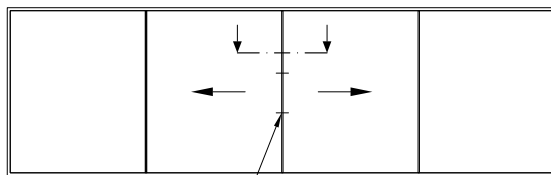




## Sky-Frame

### Installation instructions Increased burglary protection RC2

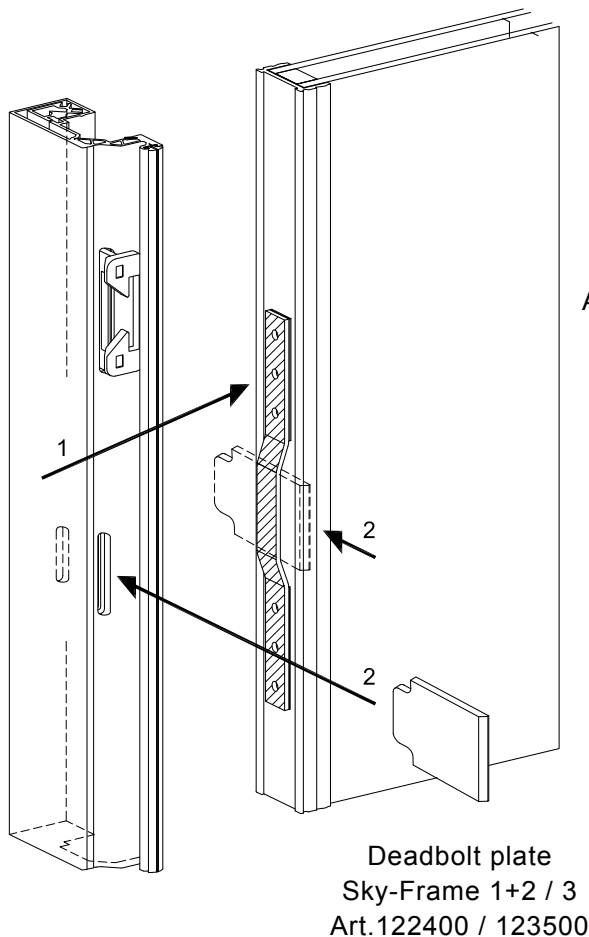
#### Middle opening (offset)



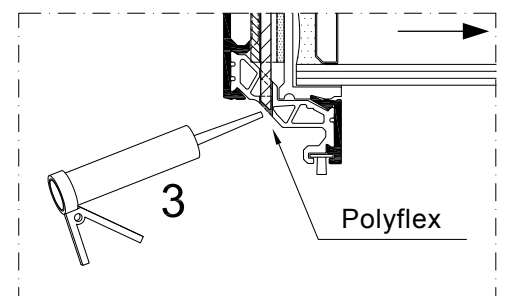
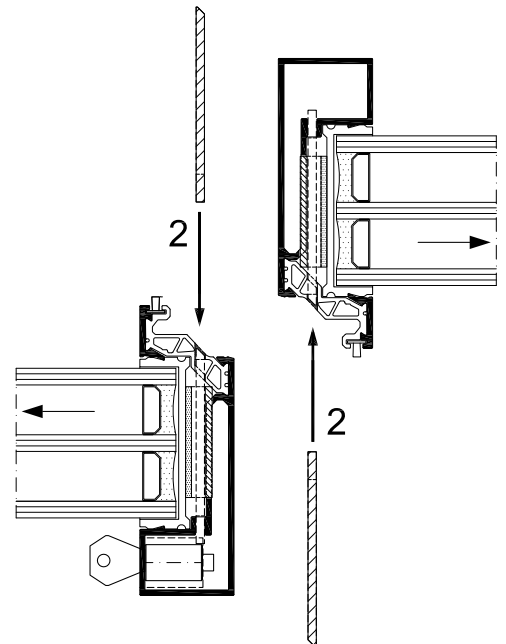
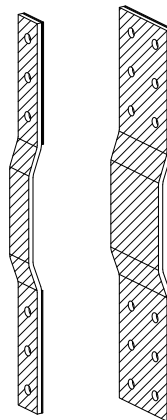
2x deadbolts + adhesive loops

Two adhesive loops with inserted deadbolt plates are required for each profile in order to hold the offset middle opening together. The adhesive loops are already securely glued to the GRP frame in the factory.

- 1) Clip the locking profile [1] to the GRP profile with the rubber mallet.
- 2) Insert deadbolt plate [2] through the slot beneath the adhesive loop as far as it will go (2x / height).
- 3) Fill the deadbolt plate slot with Polyflex 444 [3].



Adhesive loops  
Sky-Frame 1+2 / 3  
Art.123300 / 123400





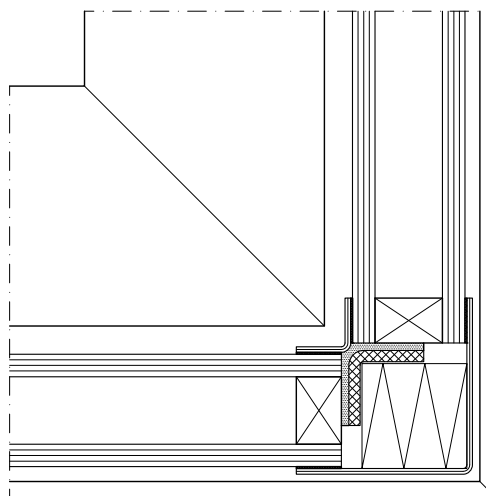
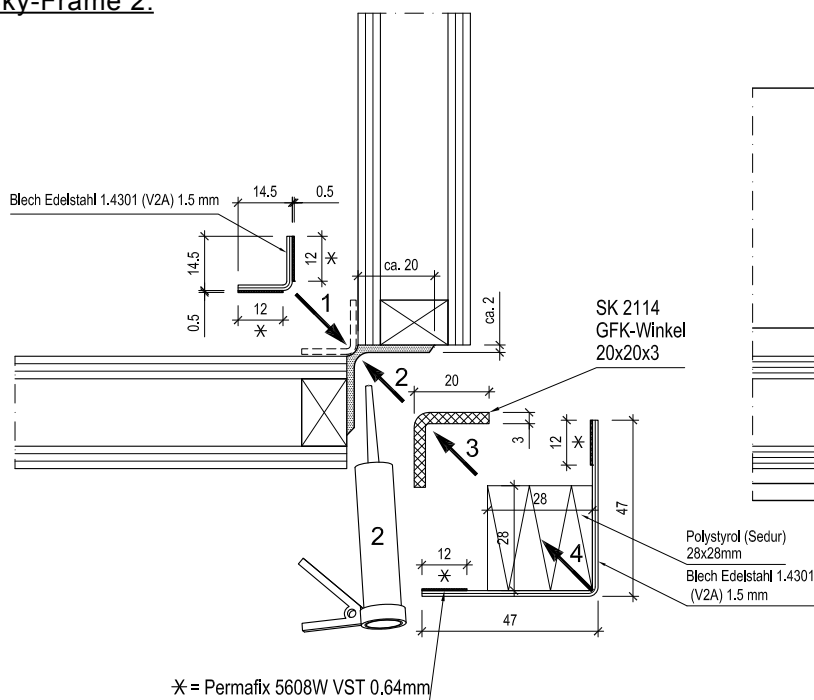
## Sky-Frame

### Installation instructions Increased burglary protection RC2

#### Fixed corner glazing

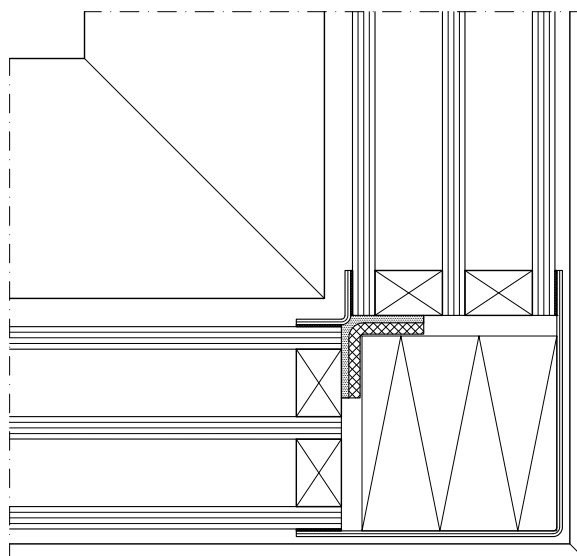
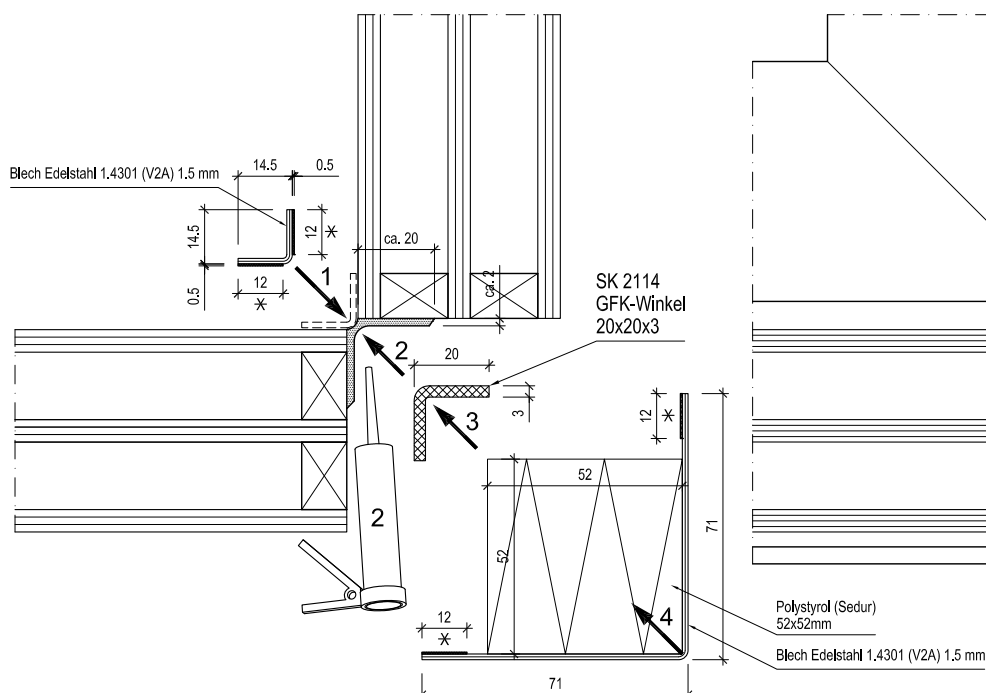
With all-glass corners a GRP bracket and stainless steel plates must be glued on (inside and outside).

#### Sky-Frame 2:



- 1) Align the system accurately!
- 2) Clean glass before gluing.
- 3) Glue on bracket (small) [1].
- 4) Press Polyflex into the corner [2].
- 5) Push on the GRP bracket [3].
- 6) Glue on bracket (large) [4].

#### Sky-Frame 3:





**NOTES:**

[illegible]



## **Sky-Frame**

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### **Installation instructions Increased burglary protection RC2**

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