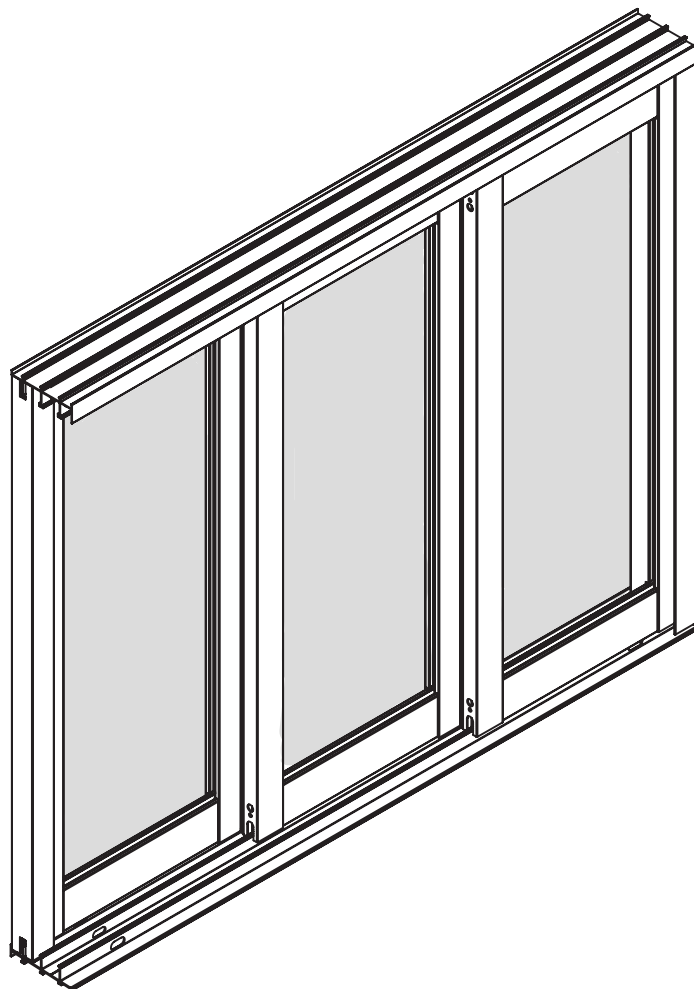


EN Installation Manual

FRAMED TERRACE GLAZING SYSTEM




ALU-FRAME

1. General installation information

Dear Client,

Thank you for choosing framed terrace glazing system ALU FRAME. This manual provides general information on its installation, maintenance, and use. Please read the entire manual carefully before installation and use.

Purpose of the structure

Framed terrace glazing system is a simple outdoor engineering structure designed to cover people or objects against rain and sun, consisting of a roof on supports with side walls. It can be a separate structure or an extension of another building.

General recommendations

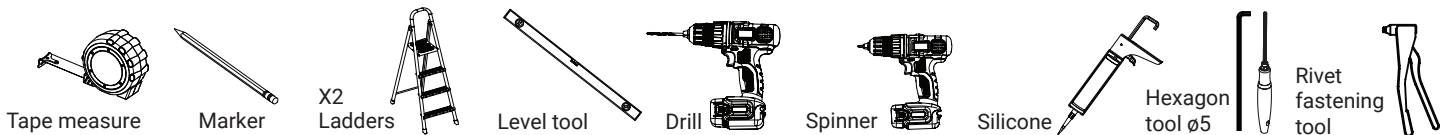
Read the entire manual, and prepare all required tools and materials before starting the installation. At least two persons should take part in the installation process. Corners of aluminium profiles and edges of glass are sharp, therefore wear protective gloves, safety goggles, and safety shoes when assembling the structure. Place ladders on a level surface only. Never build the terrace glazing system on a windy and rainy day.

If you build the framed terrace glazing system structure on a wooden or concrete floor, special anchors must be used to fix the bottom rail.

Glass

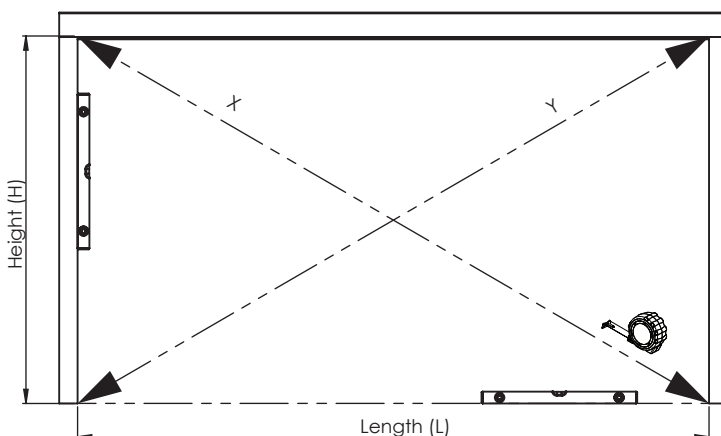
Install the glass sheets with extreme care and following general safety requirements. Be sure to wear safety goggles and protective gloves.

Tools



Preparation

Before installing framed terrace glazing system measure and make sure that all hole borders are upright and diagonals (X and Y) are equal.



Maintenance & Care

Regularly clean the Alu-Frame before and after the warm season. Wash polycarbonate sheets with warm water, soft cloth, do not use high-pressure washers, use only mild chemicals harmless for aluminium and polycarbonate. Clean the glass with glass cleaners.

Warranty

Alu-Frame systems are durable and manufactured following highest quality standards (in compliance with EU standard CE-1090). The systems have a 10-year manufacturer's warranty against defects due to manufacturing errors and for replacement of defective joining elements; 2 years warranty on painted parts, if any.

Cover material – polycarbonate or glass - must be installed and maintained in accordance with the manufacturer's instructions (look above). Manufacturer warrants that all sheets of glass and polycarbonate are of required dimensions and the material has no defects. 16 mm polycarbonate comes with 10 years limited warranty against discoloration, loss of impact strength and light transmission due to weathering. There is no guarantee for the glass due to the nature of the material.

Damage of the Alu-Frame due to strong wind (> 21 m / s), heavy snow, hail or other extreme environmental conditions, as well as any damage of the patio cover structure or its glazing due to improper transportation, assembly installation, use, maintenance & care is not covered by the warranty of the manufacturer / seller.

If you are not satisfied with the quality of your Alu-Frame system, please contact the company from which you purchased it. Specify the type of your terrace roof model, provide the description and illustration of the defect.

Insurance

It is strongly recommended to insure your Alu-Frame, like other outdoor / garden structures, against harmful natural phenomena or other adverse effects. Contact your insurance agent to discuss insurance terms.

Symbols used



product is not included and should be purchased by user.



view is from outside.



look at.



top view.



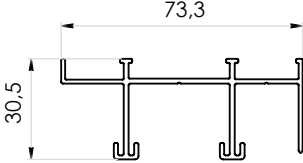
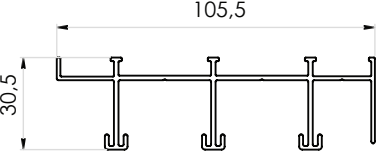
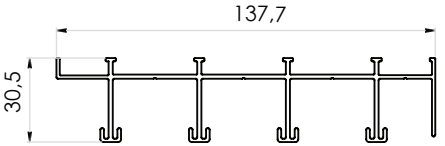
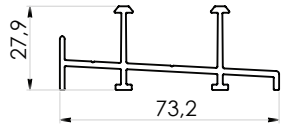
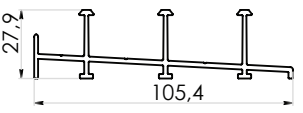
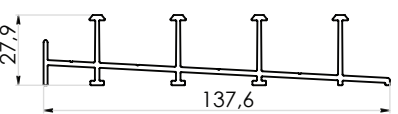
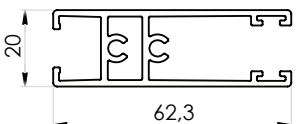
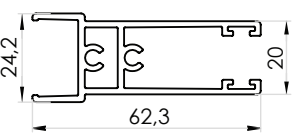
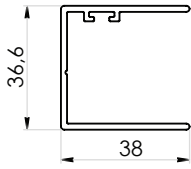
more than one person.



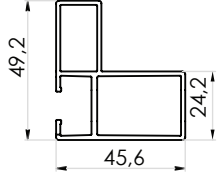
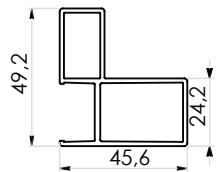
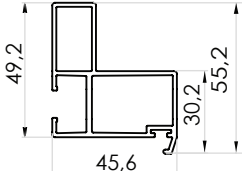
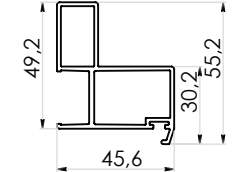
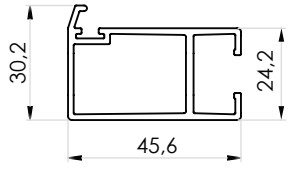
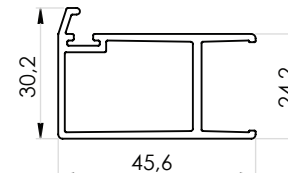
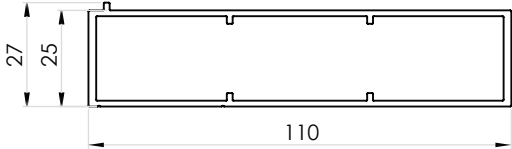
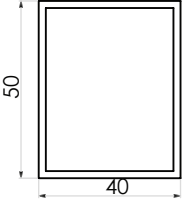
mounting type on terrace / on pavers.

2. Structural components

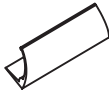

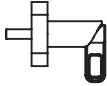
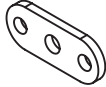

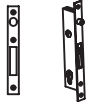



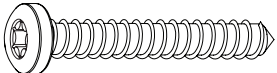
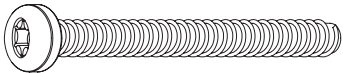

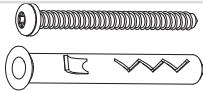
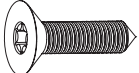
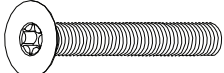
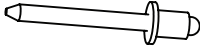
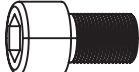
Profiles

Article No.	Description	Image
RV2B	Top rail for 2 sashes (2S)	
RV3B	Top rail for 3 sashes (3S)	
RV4B	Top rail for 4 sashes (4S)	
RA2B	Bottom rail for 2 sashes (2S)	
RA3B	Bottom rail for 3 sashes (3S)	
RA4B	Bottom rail for 4 sashes (4S)	
RAP	Sash horizon (glass 4 mm)	
RAP-P	Sash horizon for double glazing (4+8+4 mm)	
RV1	Catcher for sashes	

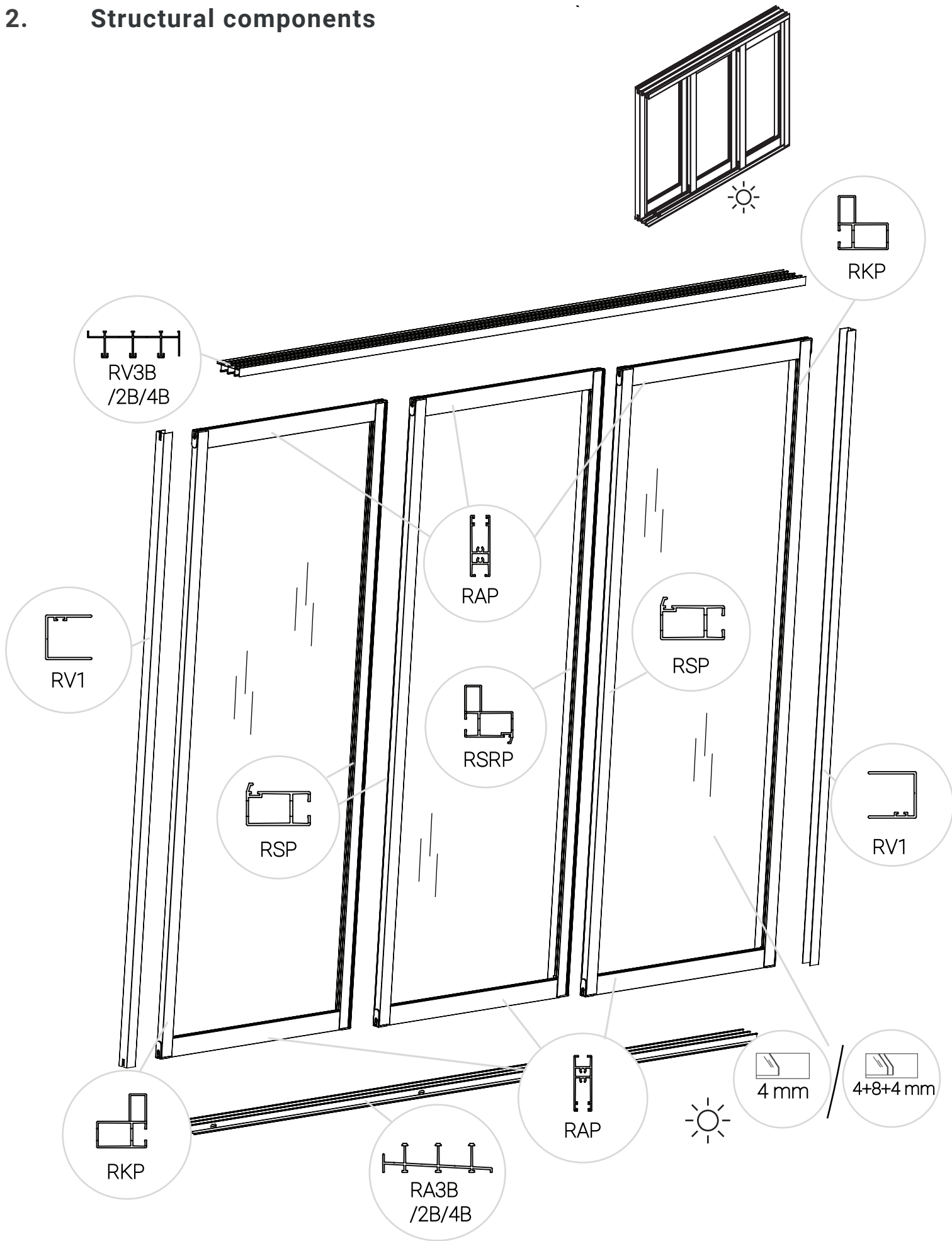
Profiles

Article No.	Description	Image
RKP	Side sash profile with handle (glass 4 mm)	 <p>Technical drawing showing the cross-section of the RKP profile. Dimensions: height 49,2 mm, width 45,6 mm, and a secondary height of 24,2 mm.</p>
RKP-P	Side sash profile with handle for double glazing (4+8+4 mm)	 <p>Technical drawing showing the cross-section of the RKP-P profile. Dimensions: height 49,2 mm, width 45,6 mm, and a secondary height of 24,2 mm.</p>
RSRP	Coupling profile with handle (glass 4 mm)	 <p>Technical drawing showing the cross-section of the RSRP profile. Dimensions: height 49,2 mm, width 45,6 mm, secondary height 30,2 mm, and total height 55,2 mm.</p>
RSRP-P	Coupling profile with handle for double glazing (4+8+4 mm)	 <p>Technical drawing showing the cross-section of the RSRP-P profile. Dimensions: height 49,2 mm, width 45,6 mm, secondary height 30,2 mm, and total height 55,2 mm.</p>
RSP	Sash coupling profile (glass 4 mm)	 <p>Technical drawing showing the cross-section of the RSP profile. Dimensions: height 30,2 mm, width 45,6 mm, and secondary height 24,2 mm.</p>
RSP-P	Sash coupling profile for double glazing (4+8+4 mm)	 <p>Technical drawing showing the cross-section of the RSP-P profile. Dimensions: height 30,2 mm, width 45,6 mm, and secondary height 24,2 mm.</p>
vp11025	110x25 tube for triangle assembly	 <p>Technical drawing showing the cross-section of the vp11025 tube. Dimensions: height 27 mm, inner height 25 mm, and width 110 mm.</p>
vp4050	40x50 profile for key lock	 <p>Technical drawing showing the cross-section of the vp4050 profile. Dimensions: height 50 mm and width 40 mm.</p>

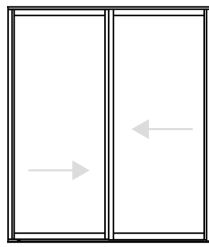
Fittings and Fasteners

Article No.	Description	Image
RH1	Handle	
RC1	Locking sleeve	
GN-612	Pin lock	
R-PT	Spacer for Pin lock	
DB1	Rubber bumper	
LD2	Lock and strike plate	
P1	Core cover	
L2	Core with keys	
R-PS	Plunger template	
M4,8x32	Screw	
M4,8x38	Screw	
Anchor		
M3,5x12	Screw	
M4,2x32	Screw	
4x14	Rivet	
M5x10	Bolt	
M5	Nut	

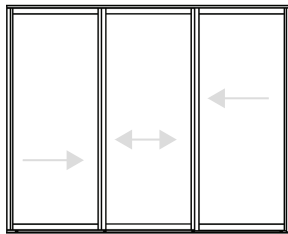
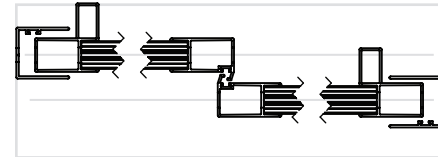
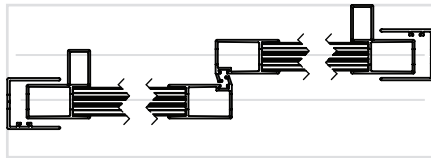
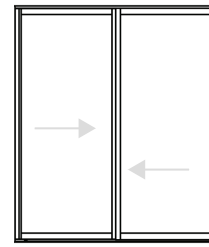
2. Structural components



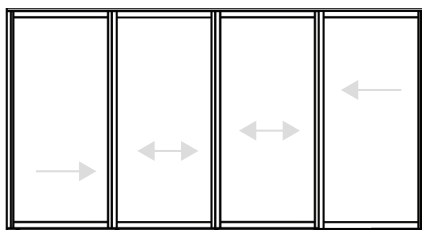
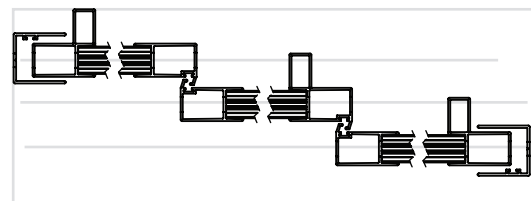
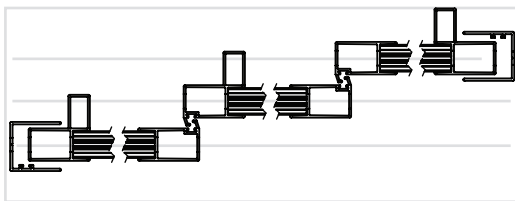
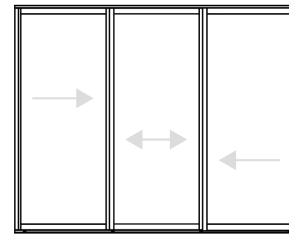
3. Installation options



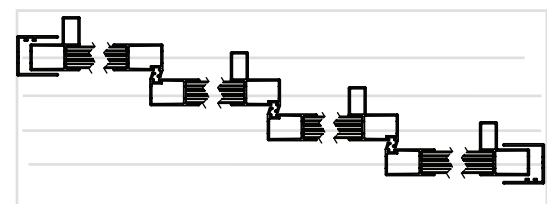
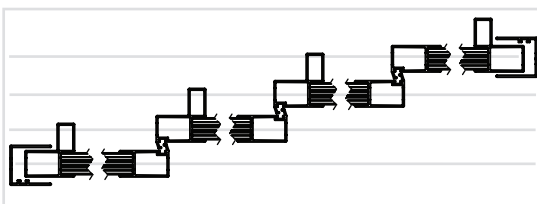
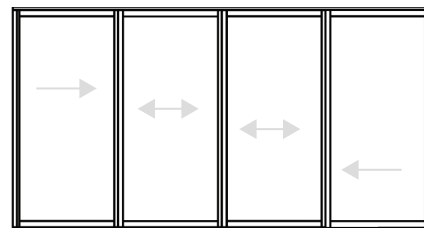
2S



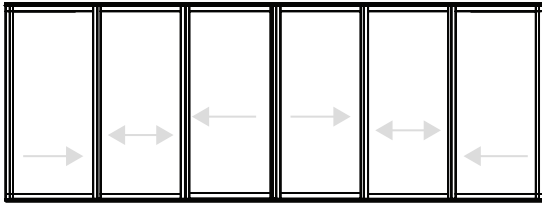
3S



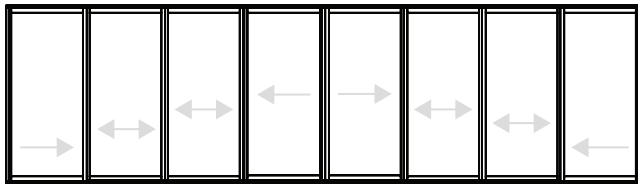
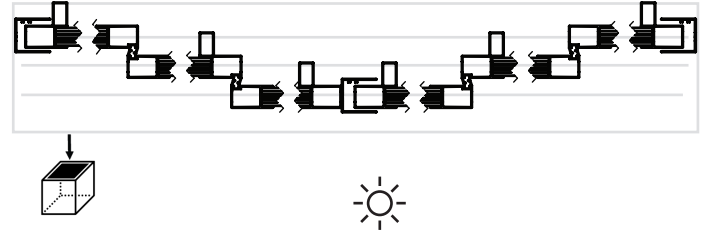
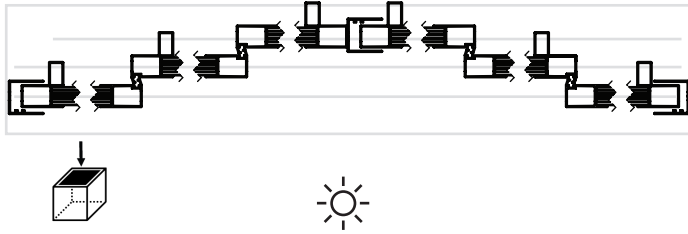
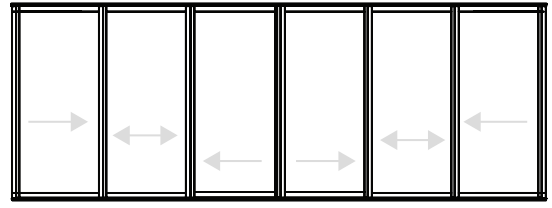
4S



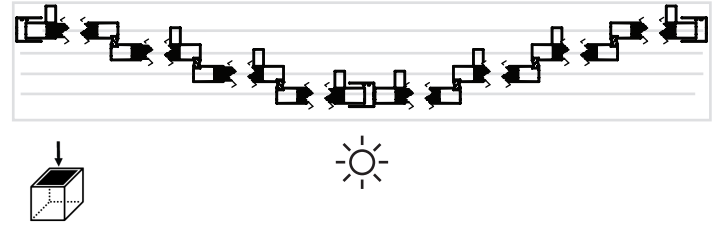
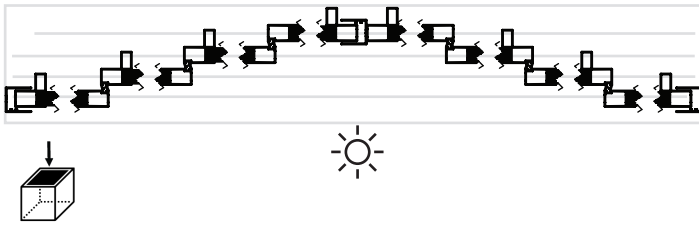
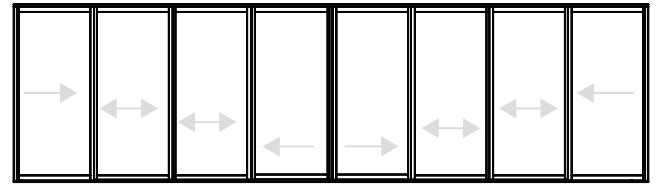
3. Installation options



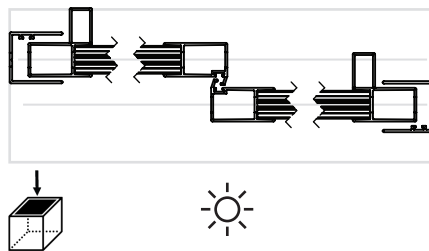
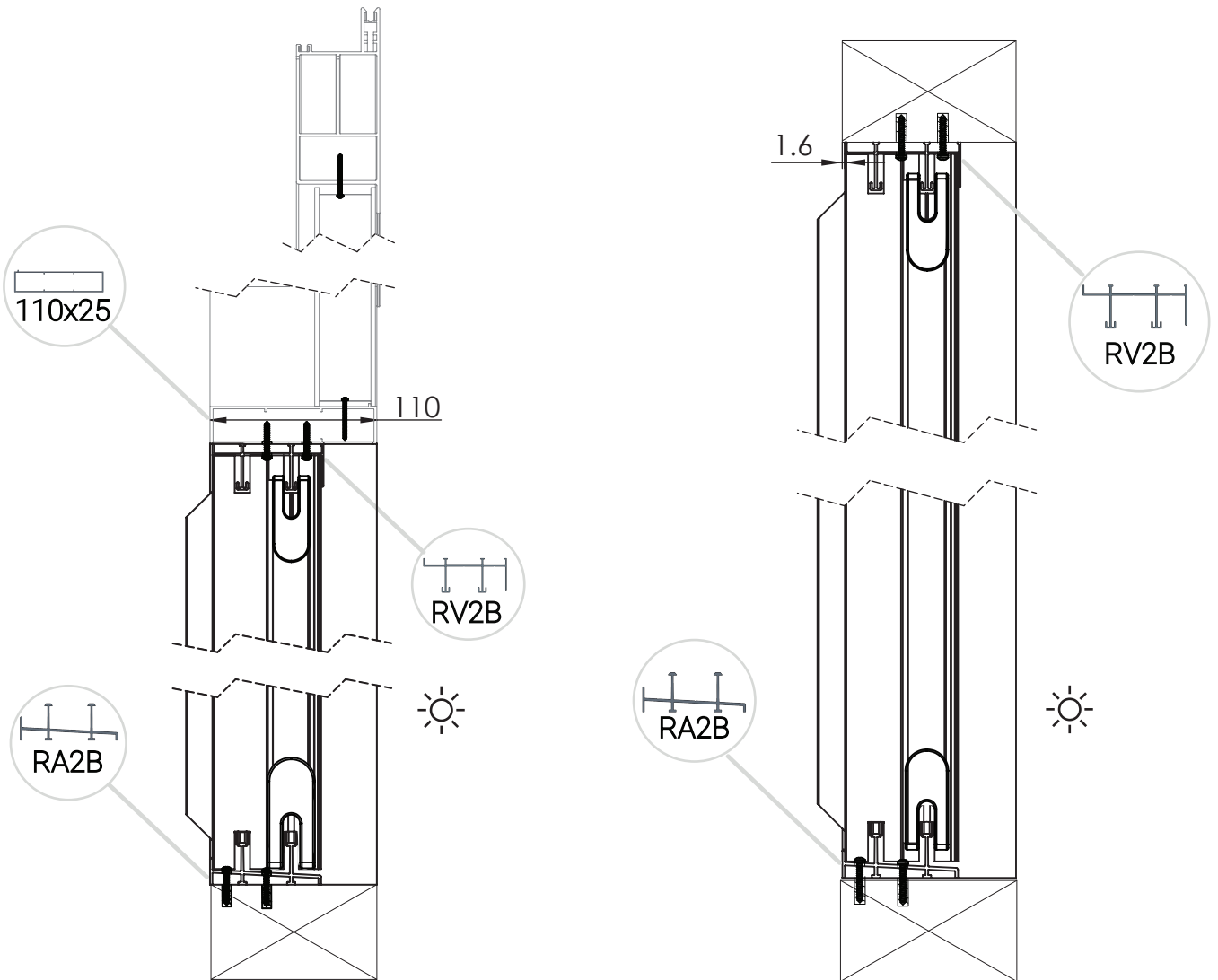
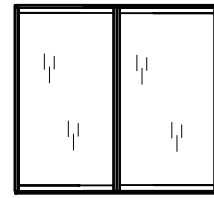
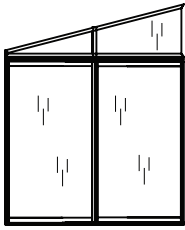
6S



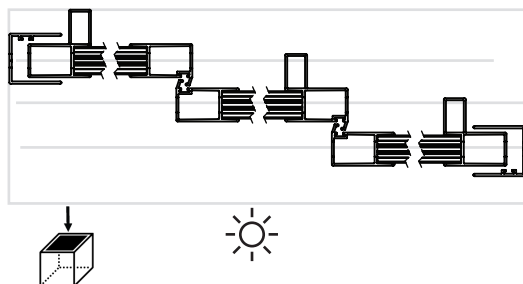
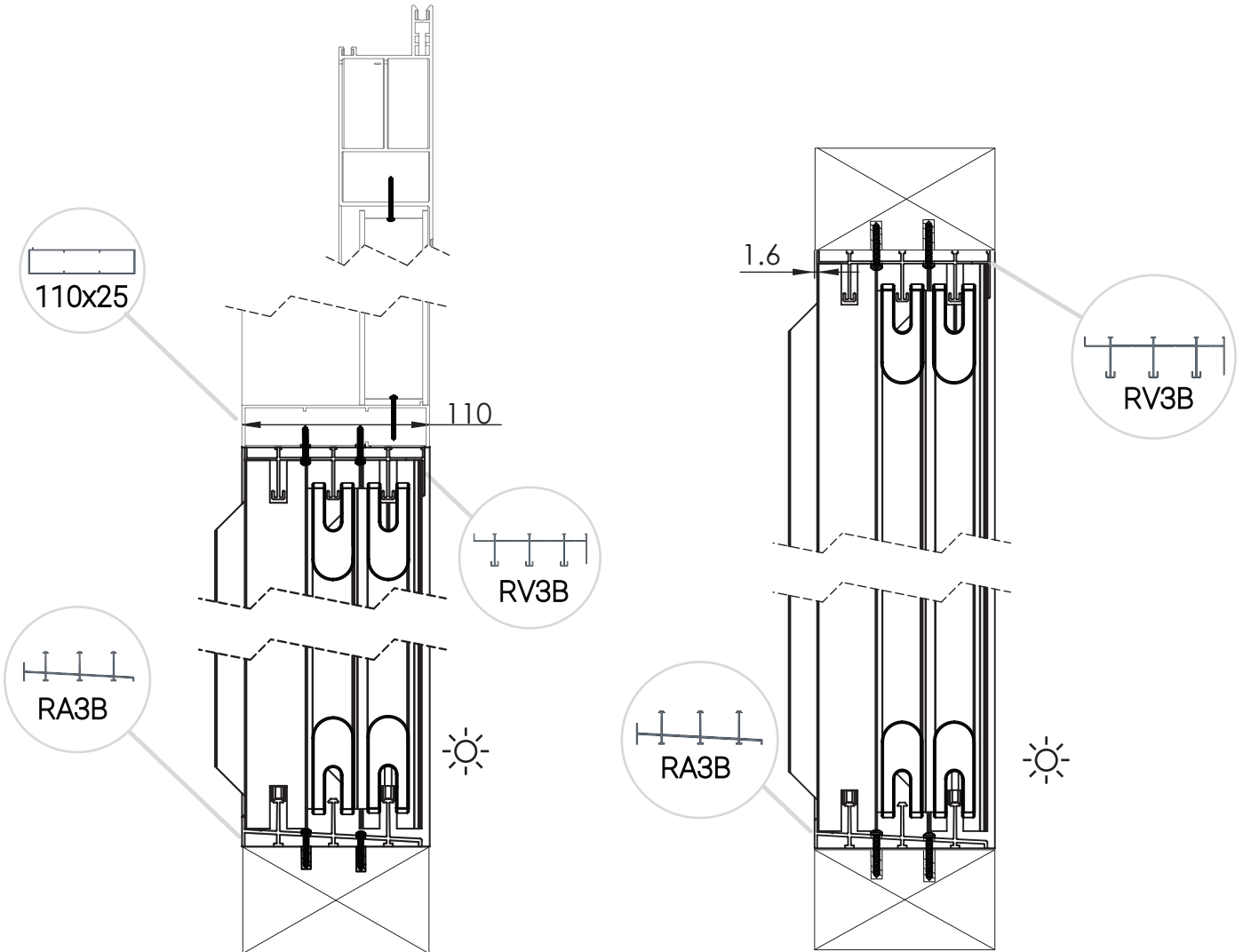
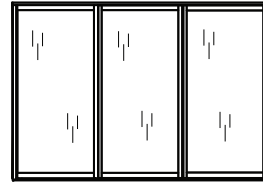
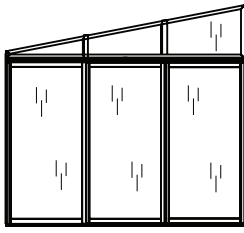
8S



3. Installation possibilities (2 sashes + triangle)

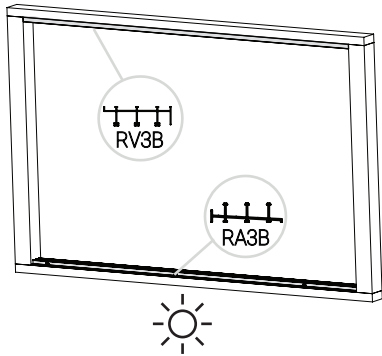
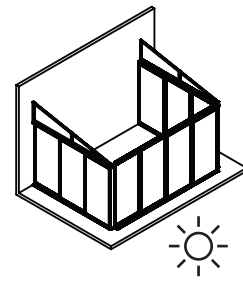


3. Installation possibilities (3 sashes + triangle)



4. Installation process: Gutter section


4.1 Top and bottom rails installation

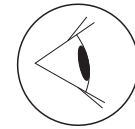


if  On terrace



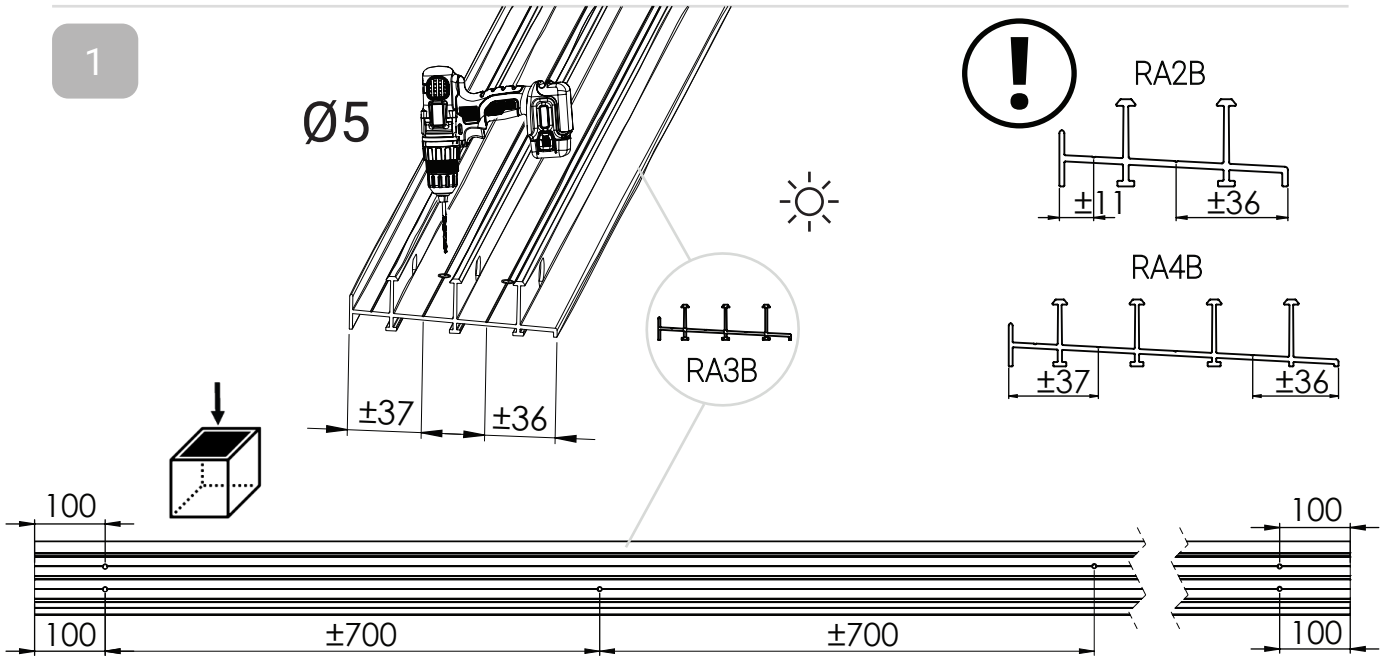
3A

if  On pavers

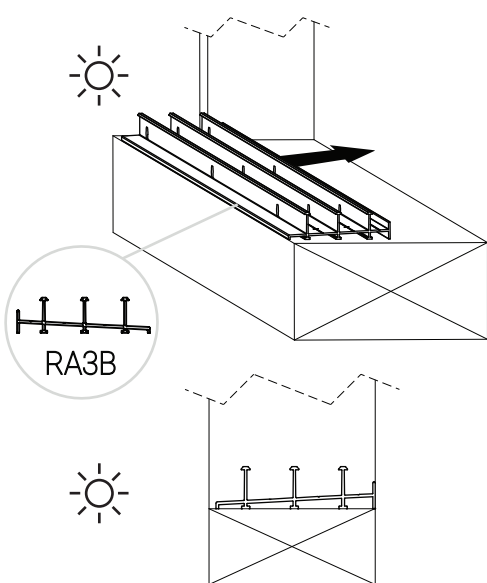


3B

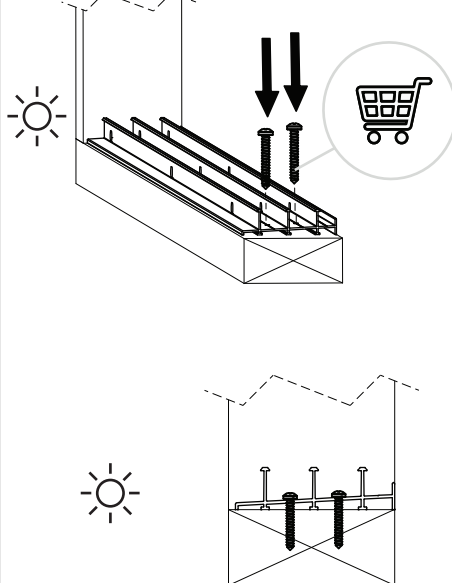
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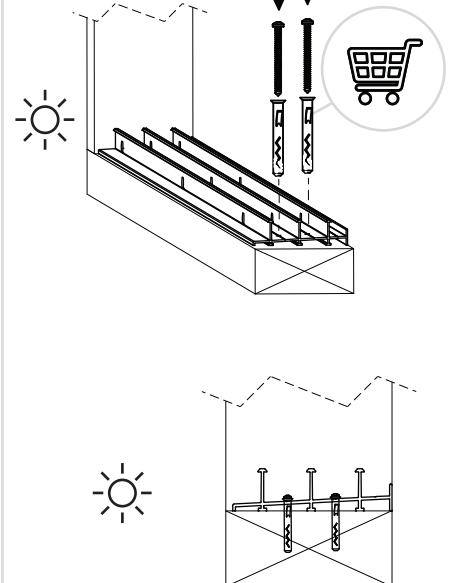
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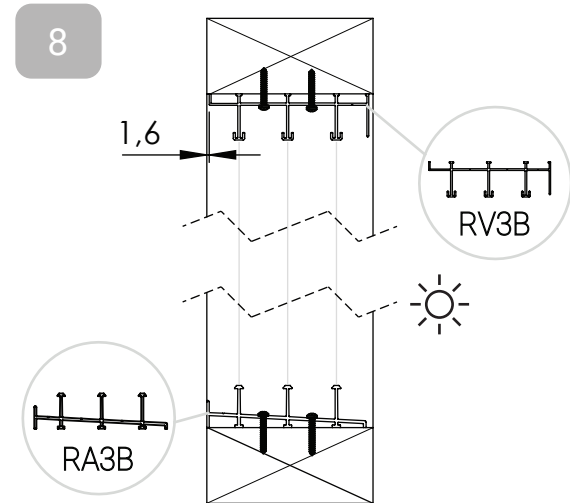
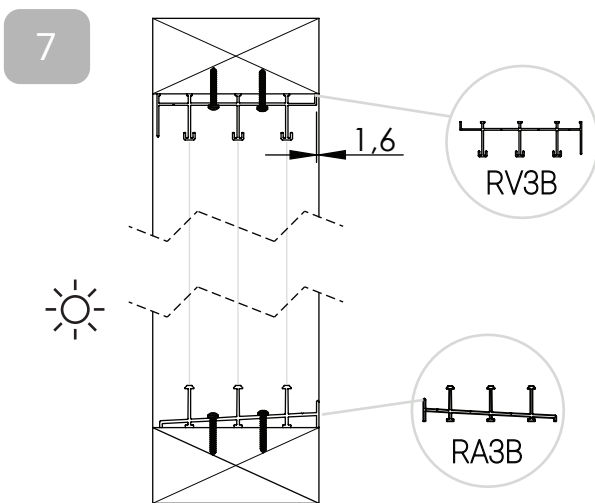
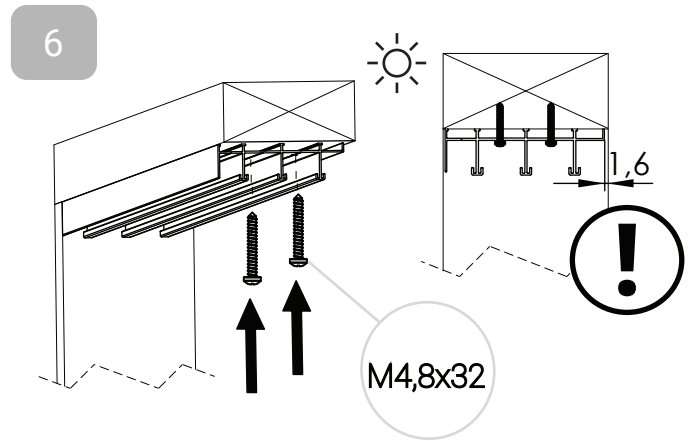
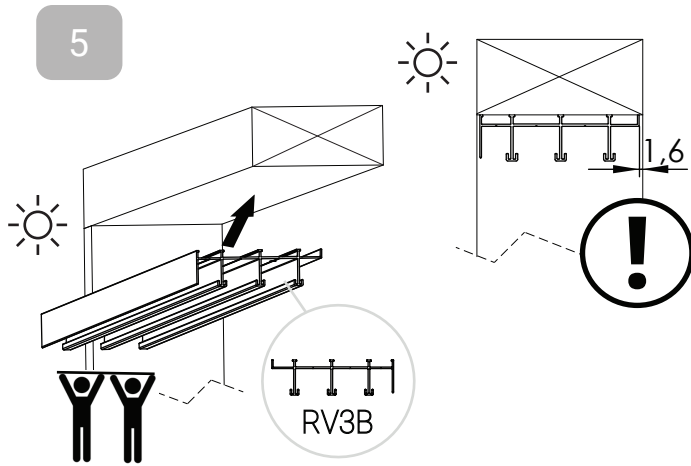
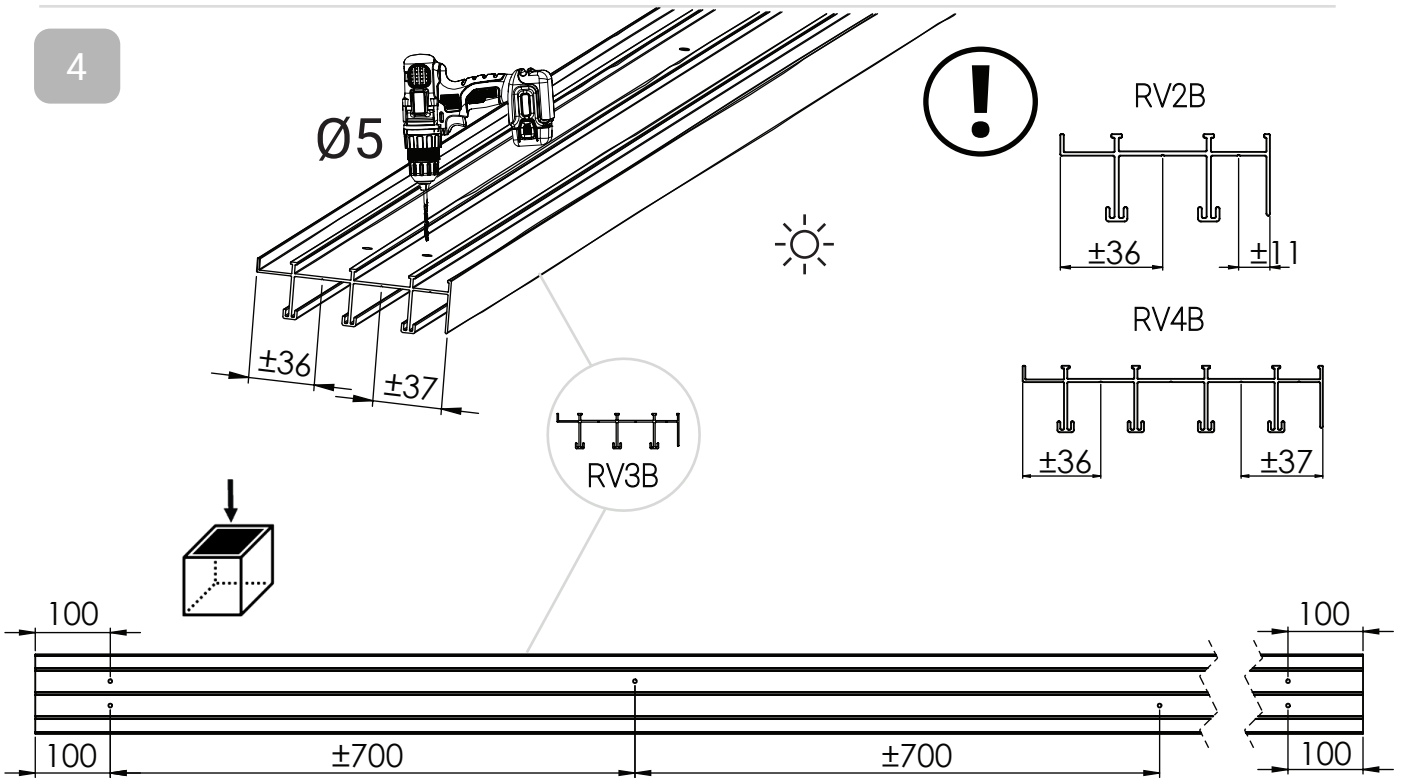


3A

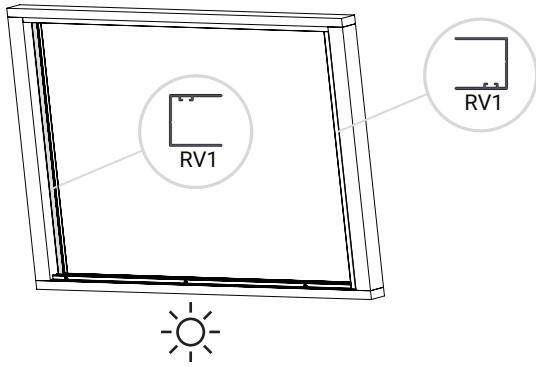


3B



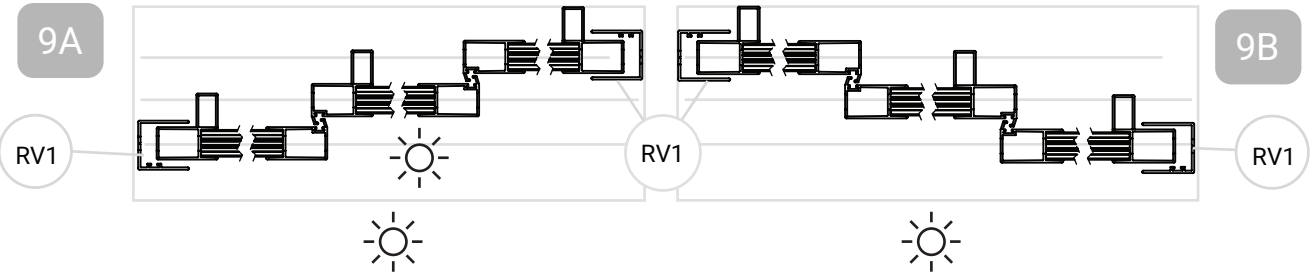
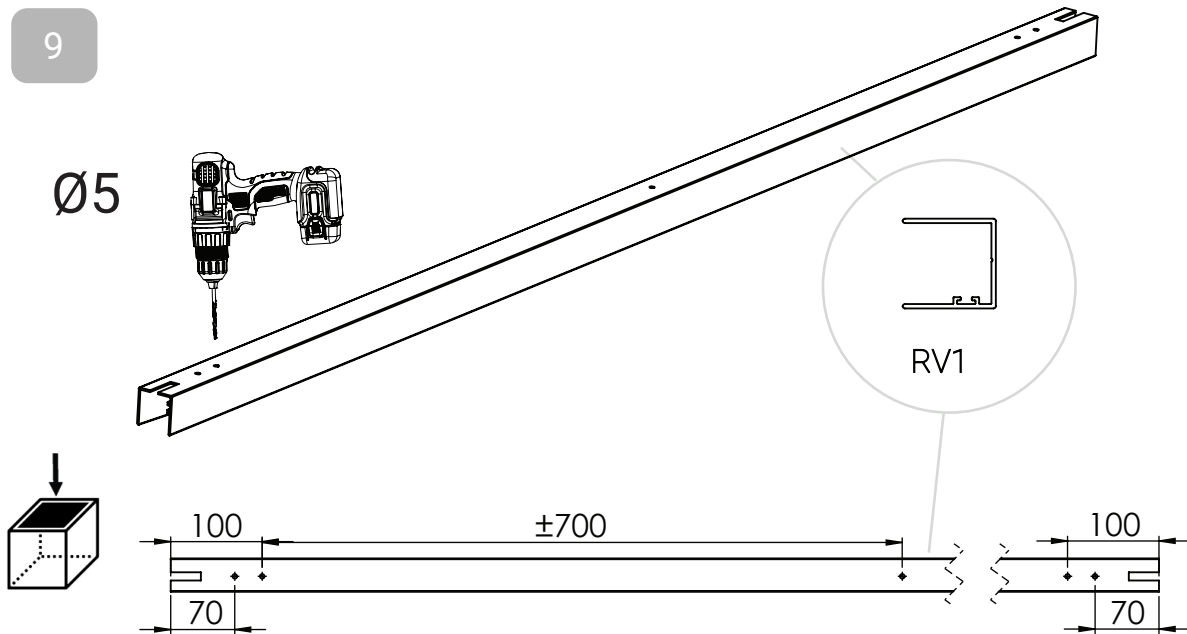


4.2. Installation process: catchers

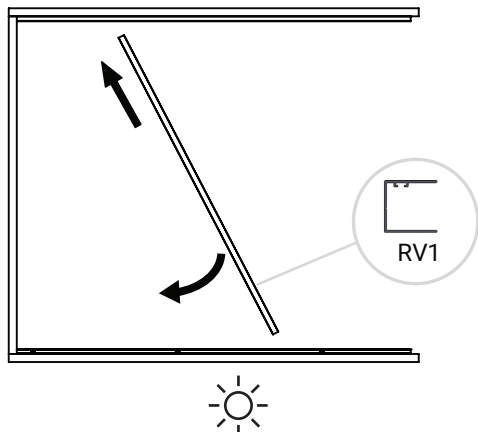


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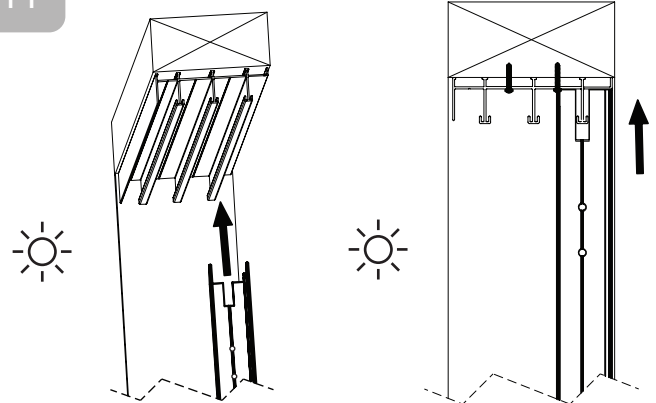
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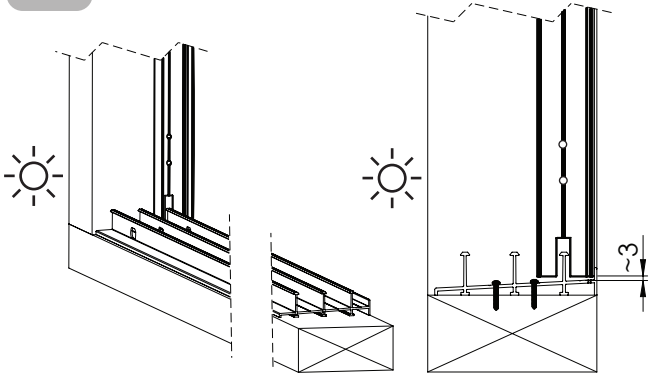
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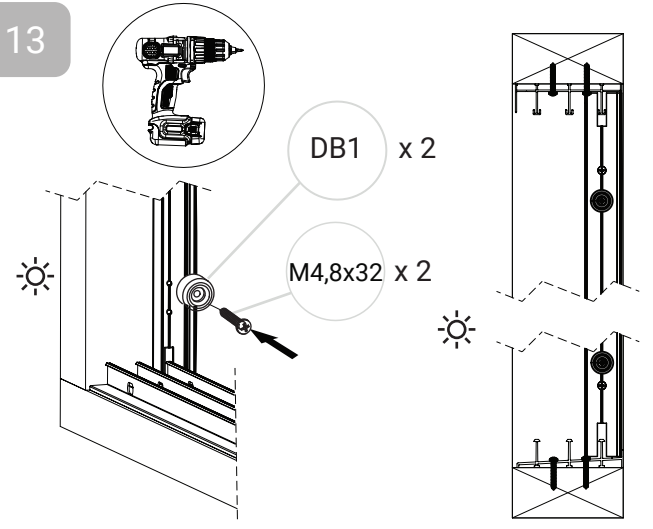
11



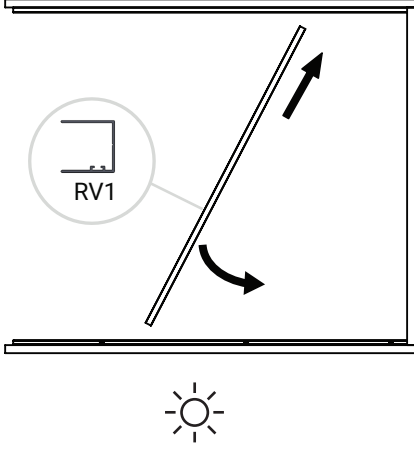
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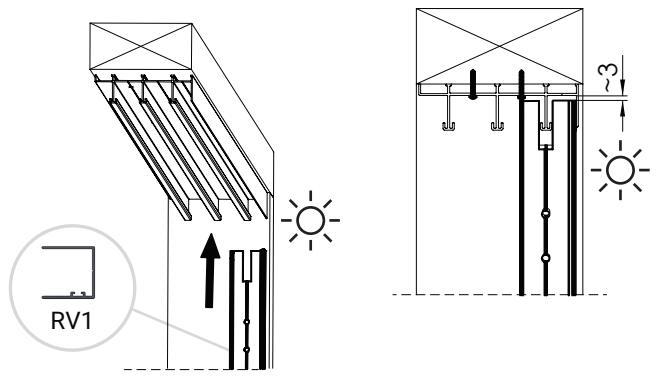
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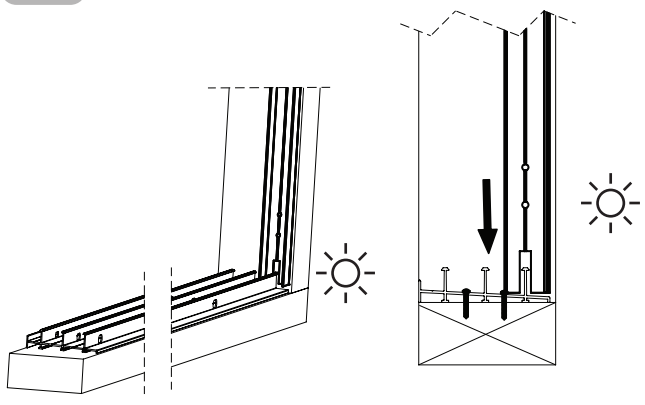
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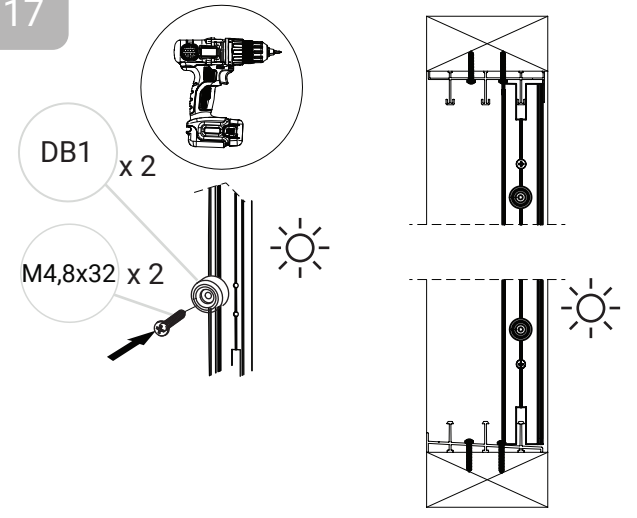
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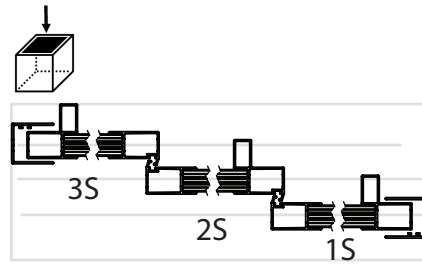
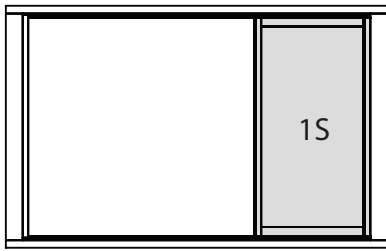
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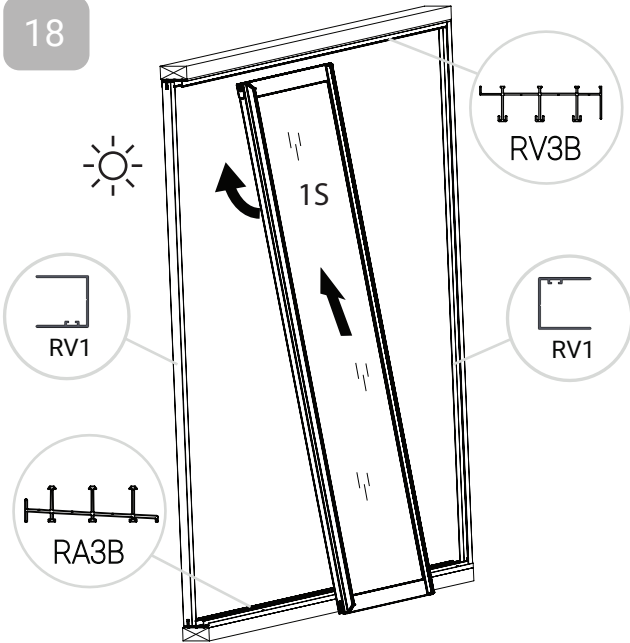
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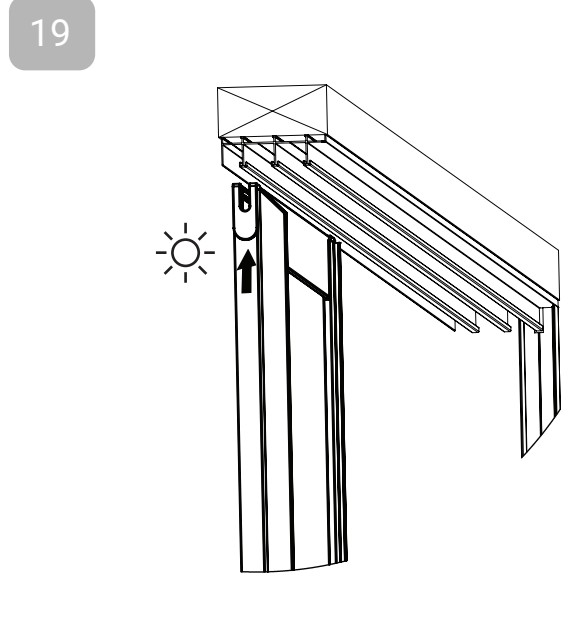
4.3. Installation process: sashes



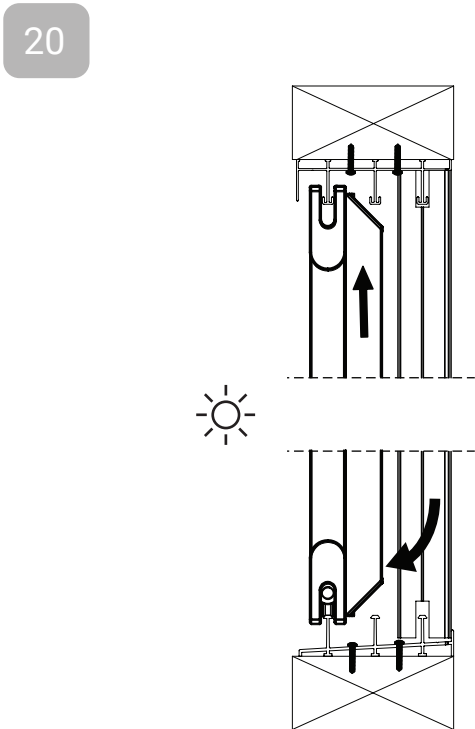
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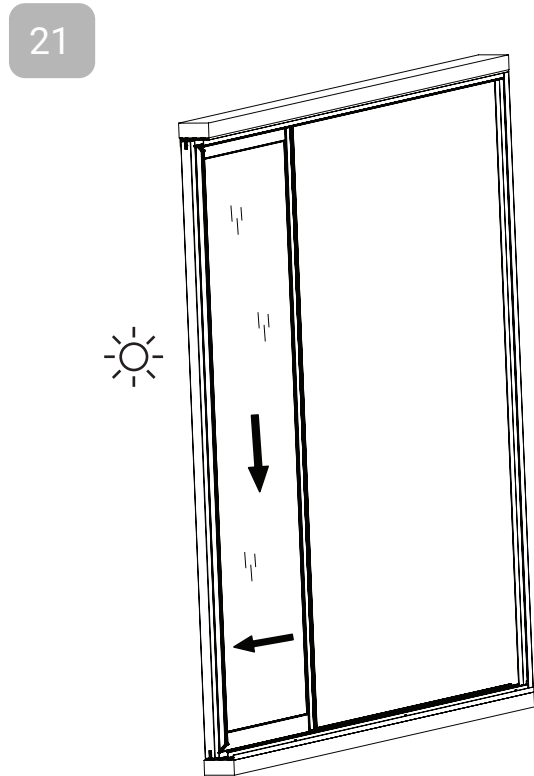
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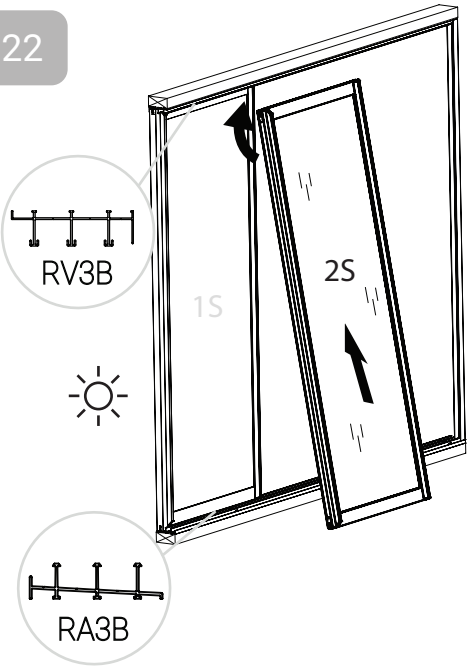
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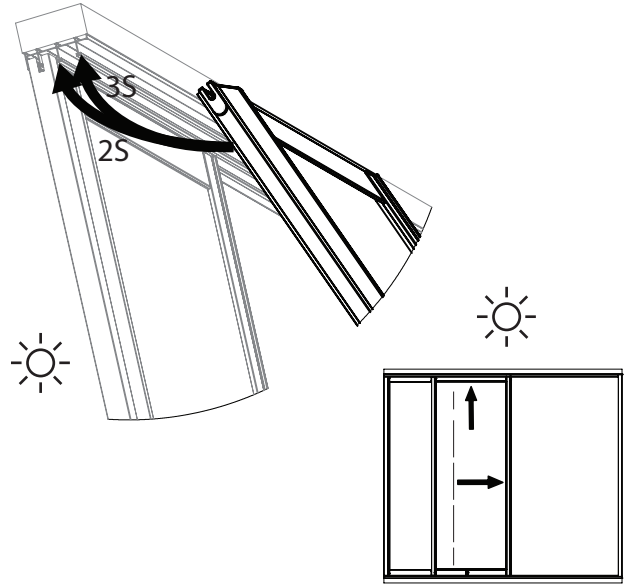
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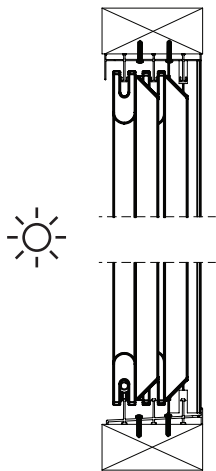
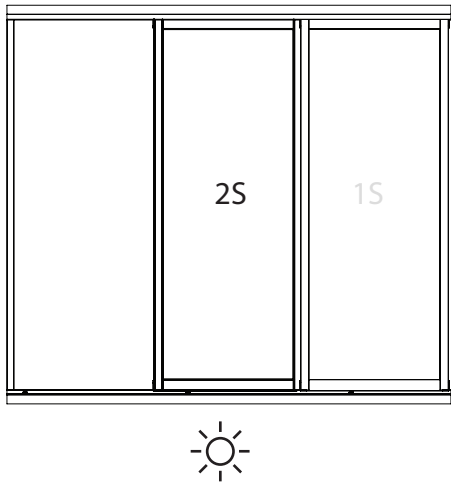
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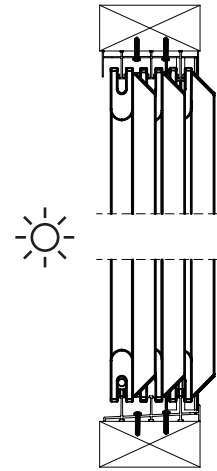
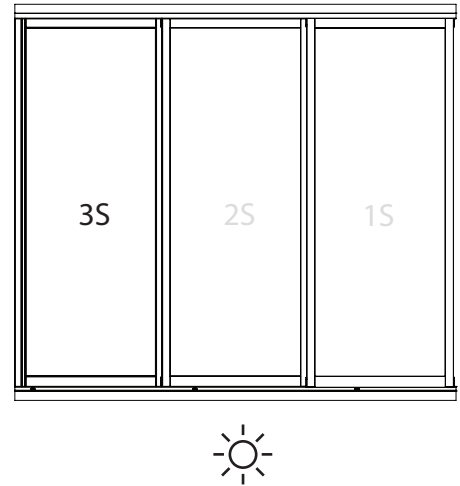
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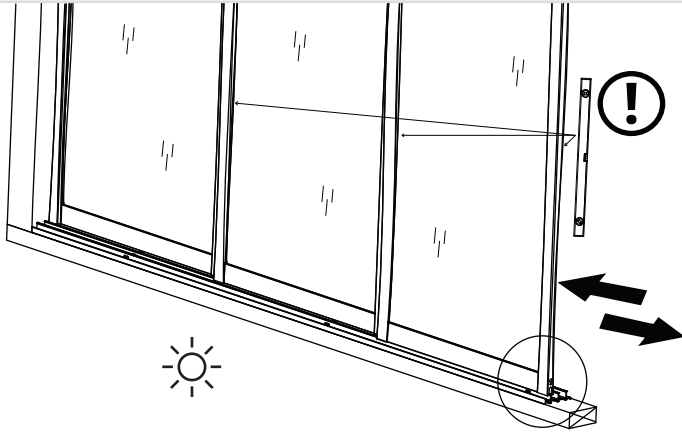
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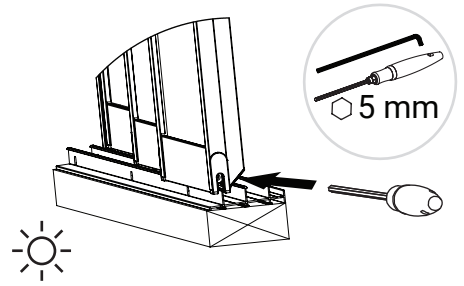
25



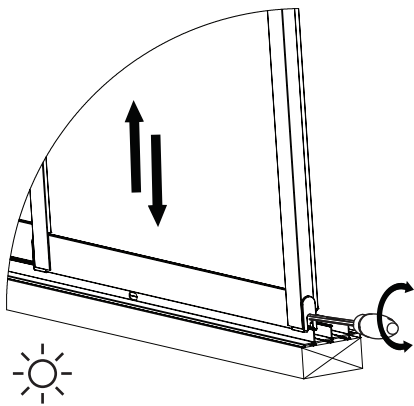
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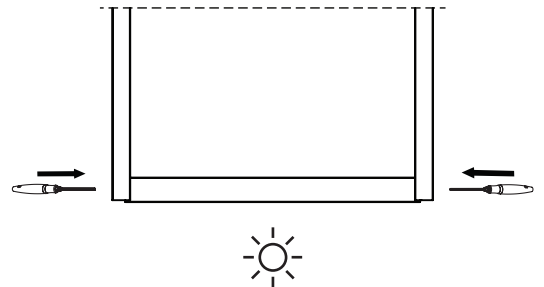
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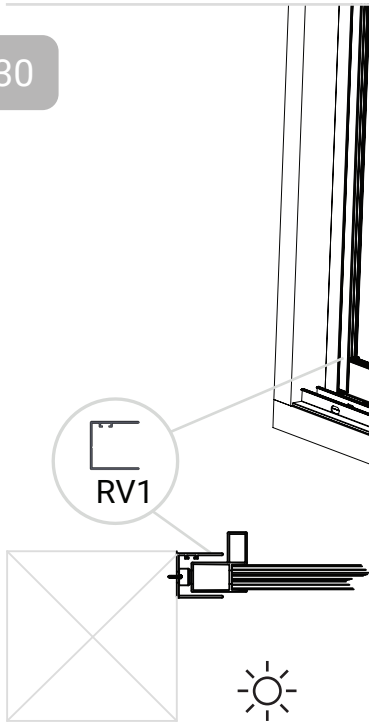
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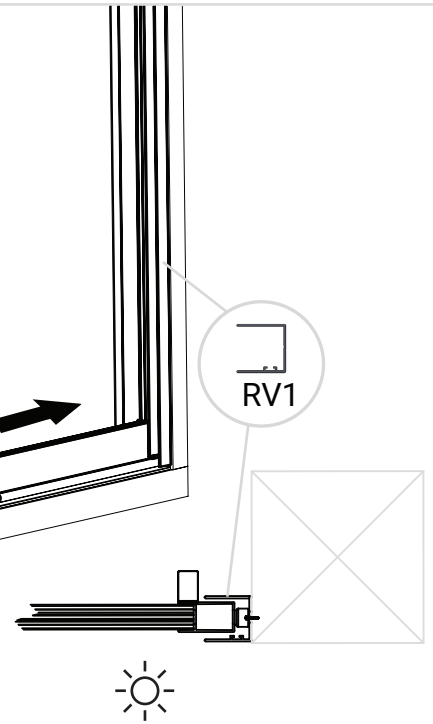
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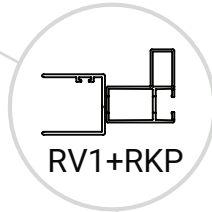
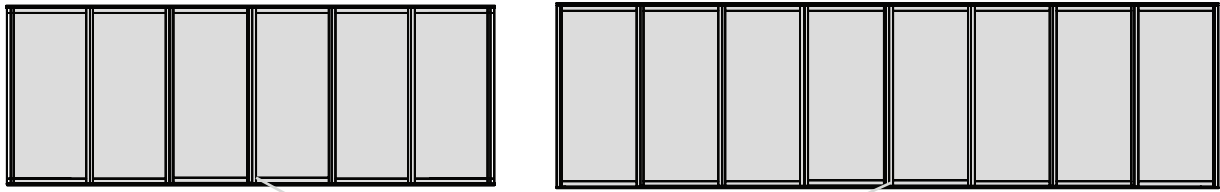
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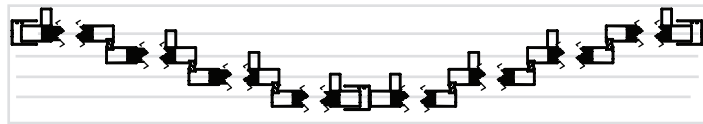
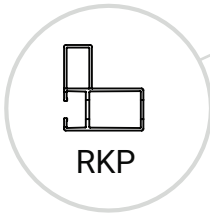
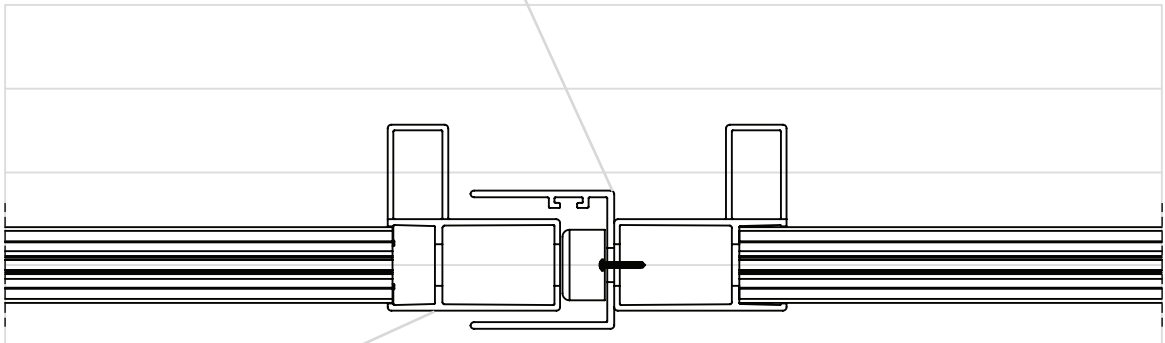
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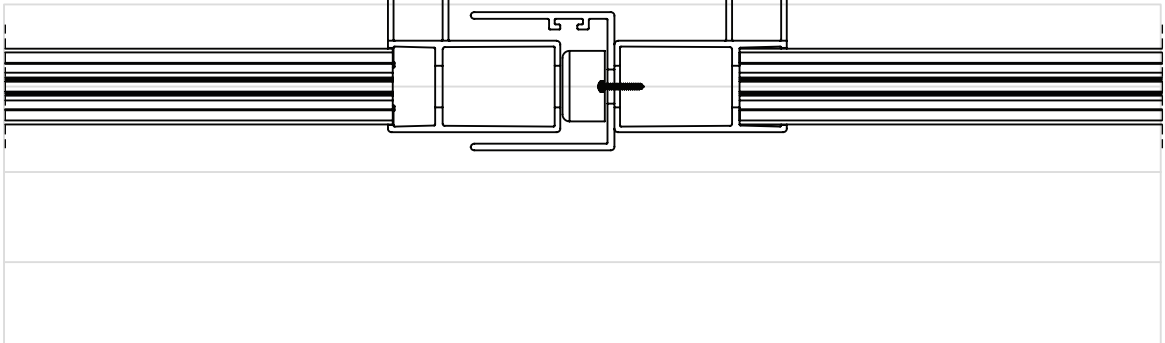
Sashes installation (6S/8S)



32A

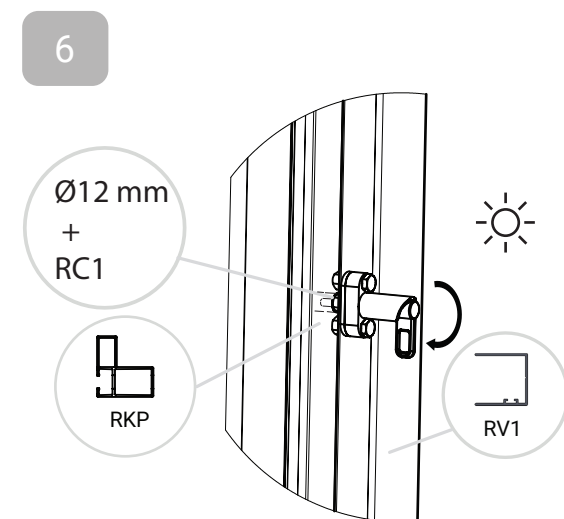
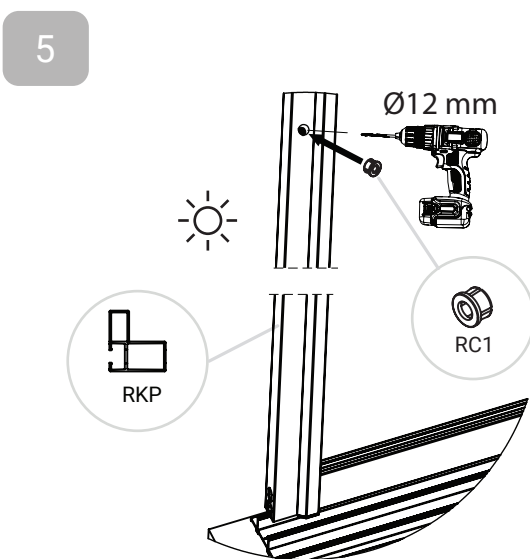
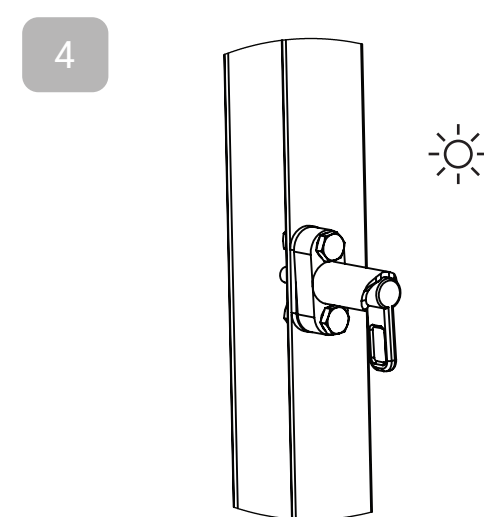
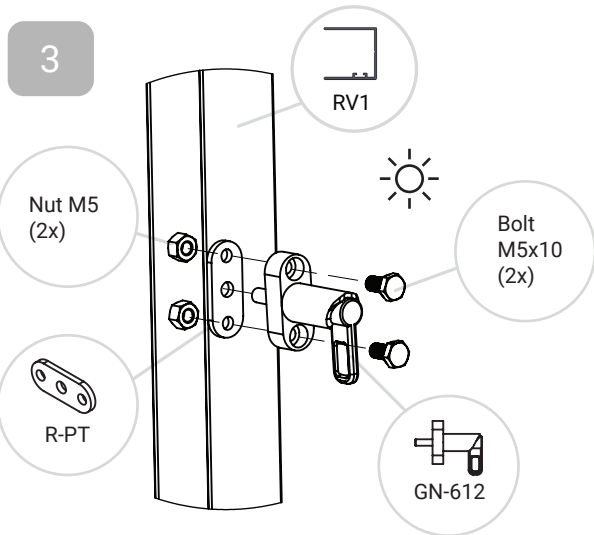
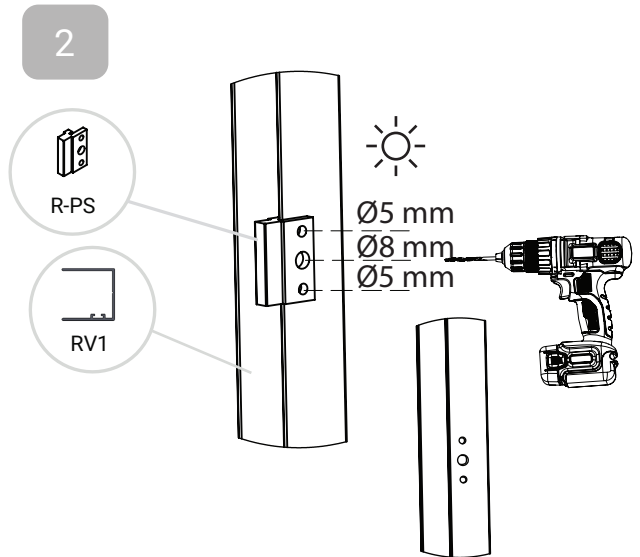
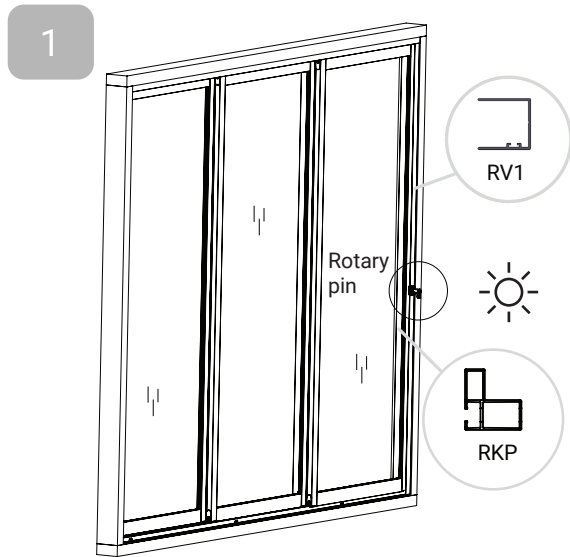


32B



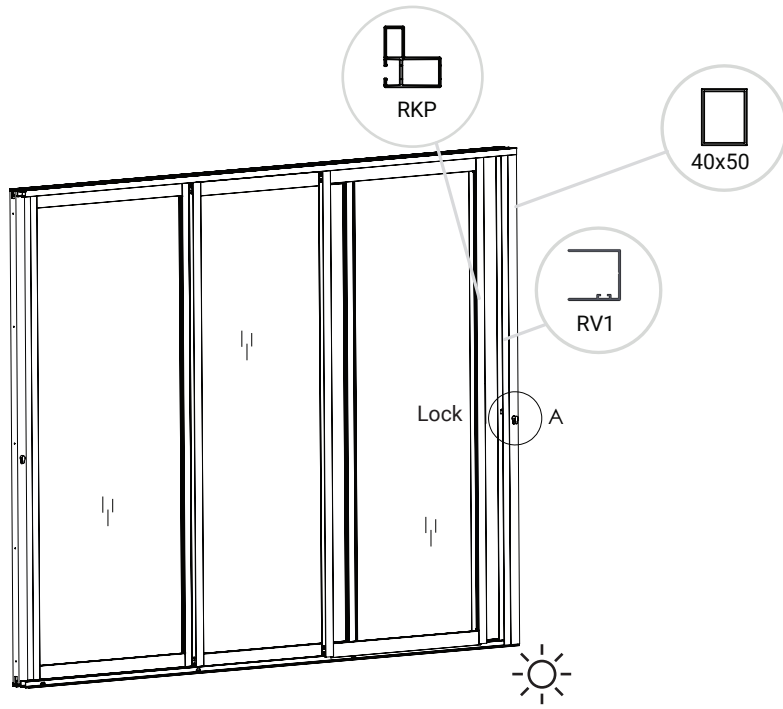
ALU-FRAME

5. Annex 1: Plunger/ Rotary pin lock

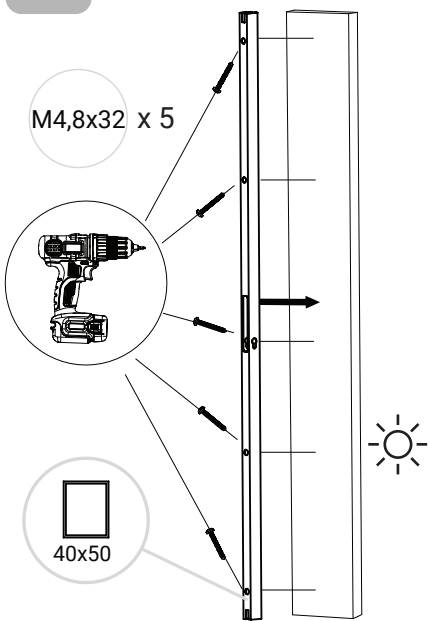


5. Annex 2: Lock with key

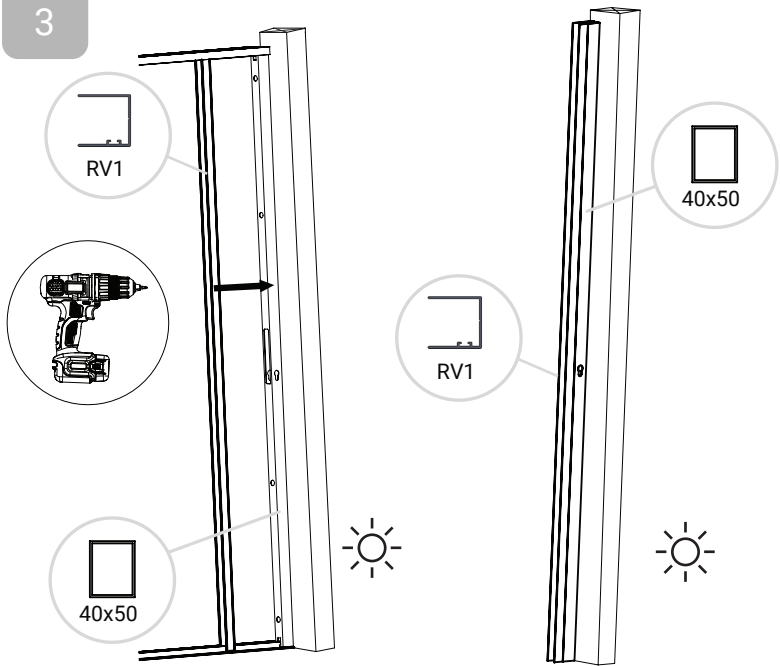
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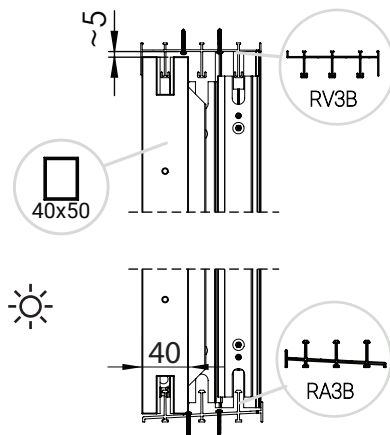
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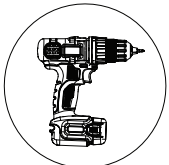
3



4



5

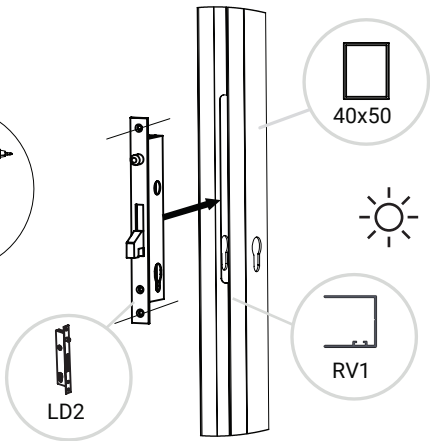


M4,8x32

LD2

40x50

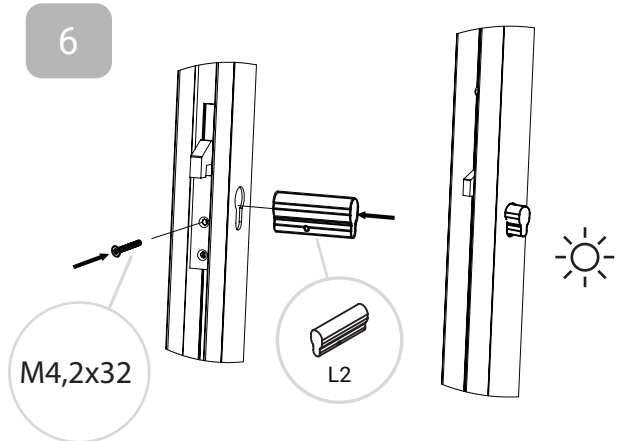
RV1



6

M4,2x32

L2



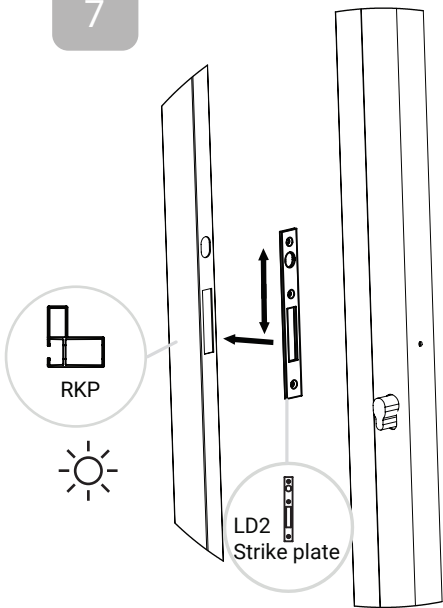
7



RKP



LD2 Strike plate

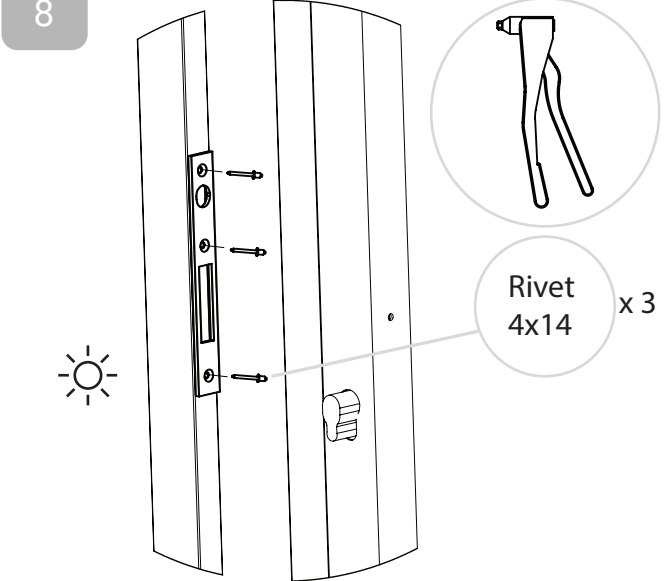


8



Rivet 4x14

x 3



9

40x50

RV1

RKP

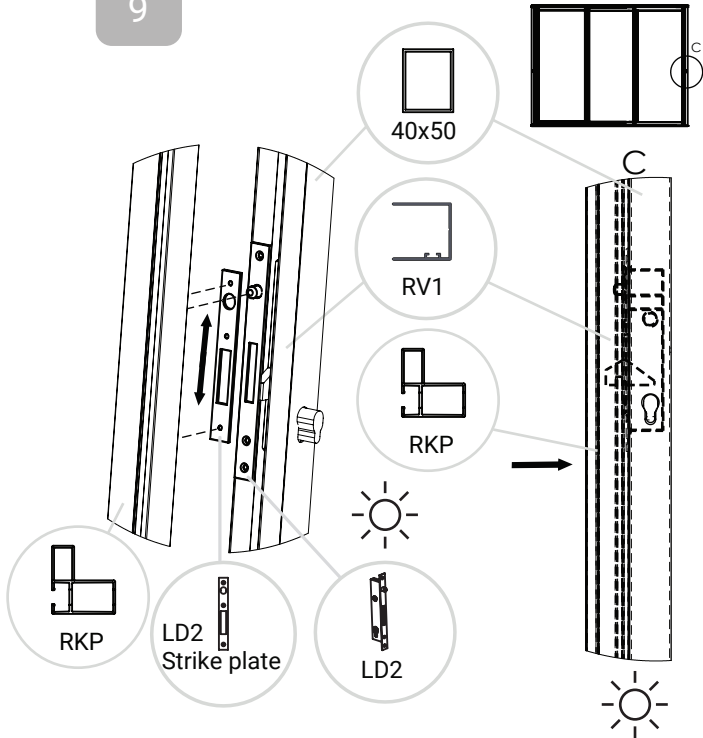
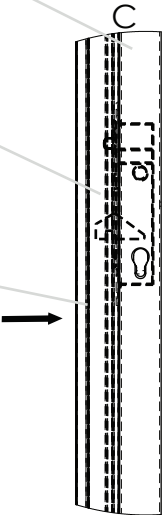
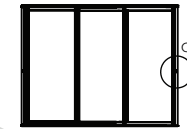


RKP

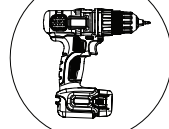
LD2 Strike plate

LD2

LD2



10



4 x M3,5x12

P1

40x50

