

MONTAGEANLEITUNG

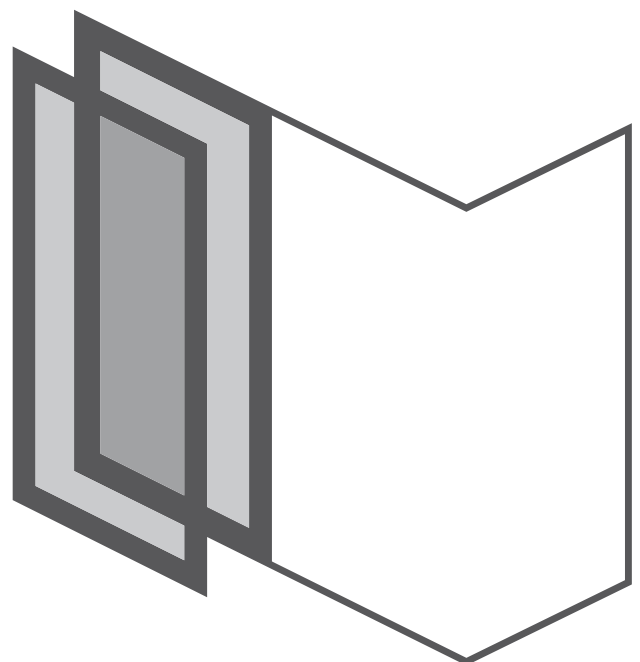
Sliding system

EN

NanaWall
NW MultiSlide 630

ECOLINE S /
HIGHLINE S

06.2025



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Installation Instruction

Sliding system

1. About this document

- Original instructions.
- Part of the product.
- Must be read and kept for future reference.
- Protected by copyright.
- Copying, reproduction and further dissemination prohibited without written consent.
- All dimensions specified in millimetres.
- Illustrations not to scale.
- Subject to technical changes without notification.

These installation instructions describe the standard configuration of the product. The actual design, scope and construction situation may vary from the description provided in these instructions. The associated applicable documents must be observed in order to ensure correct assembly and installation of the product.

Associated applicable documents

- Order drawings.
- Item overview
- Technical specifications.
- Packing list.
- Installation instructions for other construction parts (e.g. add-on elements).

WARNING!

Notices preceded by the word WARNING contain warnings regarding hazardous situations that could lead to severe injuries.

CAUTION!

Notices preceded by the word CAUTION contain warnings regarding situations that could lead to minor or moderate injuries.

ATTENTION!

Notices preceded by the word ATTENTION contain warnings regarding situations that could lead to damage to property or the environment.

Explanation of symbols



Indicates a hazard



Risk of severe injury



Risk of minor or moderate injury



optional installation step



Risk of property damage



Correct



Incorrect



Optional component



Inside



Outside



Note inside/outside



Watertight



Check/test



Carry out assembly work in the opposite position



Use component from bagged accessories set



Clarify/provide fixing material



Observe installation position



Align vertically/horizontally



Component not symmetrical / observe alignment



Fully load-bearing floor rail installation



Clean



Clean surfaces and seal with suitable primer + flexible sealant



Silicon



Glass delivery Solarlux:
Sika WT-480 or Ottochemie Ottocol S670/
Observe the manufacturer's processing guidelines



Glass delivery on site:
Adhesive material must be compatible with the edge seal and the glass used for suitability tested/Observe the manufacturer's processing guidelines



Fill chamber with PU-glue



Variant



The assembly step depends on the delivery variant



With floorpoint



Without floorpoint



Observe the associated applicable documents

- accident prevention regulations.
- Understanding of the provisions on occupational health and safety.
- Training in the use and maintenance of appropriate safety equipment.
- Understanding of how to use the required tools and machinery safely.
- Understanding of how to use ladders and scaffolding and work at heights safely.
- Understanding of how to handle and transport long, heavy and bulky construction parts.
- Understanding of the specifications concerning the mounting and sealing of building components.
- Understanding of load transfer, mounting and fixing media.
- The ability to assess the structure of a building.
- The ability to recognise risks and avoid potential hazards.
- Understanding of these installation instructions.

Electrical work must always be carried out by qualified electricians in accordance with DIN VDE 0100.

Requirements for electricians:

- Understanding of the fundamental principles of electrical technology.
- Understanding of country-specific regulations and standards.
- Understanding of the relevant safety regulations.
- Understanding of how to use the electrical equipment safely.
- Understanding of these installation instructions.

General safety notes

WARNING!

Risk of fatal injury due to failure to observe the installation instructions!

The assembly and installation of the product entails hazards, which are described in these instructions. Failure to observe the appropriate safety notes may lead to severe injuries.

- Read these installation instructions carefully.
- Observe the safety notes in these instructions.

2. For your safety

Intended use

The sliding system serves to seal the building's shell or as a spatial partition in interior areas.

Compliance with intended use also involves reading and observing the installation instructions. Any other use shall be deemed improper use, and is not permitted.

Authorised target groups

Assembly and installation must always be carried out by qualified installers who have been trained in the product.

Requirements for installers:

- Understanding of the general and specific safety and

The following safety instructions must always be observed:

- Secure the construction site against unauthorized entry.
- Observe the swivel range of long components.
- Never carry out assembly or installation without help from at least one other person.
- Always wear appropriate safety and work clothing.
- Ensure that the product is standing firm and stable at every step of the installation.
- Always use the required protective equipment.
- Always use suitable auxiliary and hoisting equipment.
- Beware of moving parts during installation.

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- Beware of unsecured crush, impact and shear zones.
- Beware of broken glass and sharp edges.
- Observe the safety requirements for the tools you use.
- Make sure that the butt joint and adhesive points are cleaned and free of grease.

If the product becomes damaged or there is a risk of it falling over:

- Secure the product.
- Ensure that no one walks onto the product.
- Ensure that all persons maintain a safe distance from the product.

The manufacturer accepts no liability for damage in the following cases:

- If these instructions are not observed.
- In case of improper use of the product (e.g. use of the canopy as a passageway, balcony or storage area).
- In case of improper assembly, installation or handling of the product.
- If the product is used by non-authorised target groups.
- In case of structural changes to the product or individual building components.

It is forbidden to deviate from the order drawing during the installation and assembly without the express permission of the manufacturer.

3. About the product

The product is a thermally insulated aluminium sliding system from the Ecoline/Highline profile series.

Storage

The product must be stored as follows:

- Packaged as individual parts or in a transportation crate.
- In a clean, dry place.
- Protected from heat, moisture and damage.

Transport

The product must be transported as follows:

- In accordance with the notices on the packaging.
- Packaged properly.
- Secured to prevent movement.
- Packaging sealed and package parts secured to prevent them from coming loose.
-

Labelling

The profiles of the product are labelled with stickers.

- The stickers in the profiles are used for identification purposes. The stickers must remain in the frame for later identification of the sliding system.
- The information on the stickers describes the profiles in the installation position, when viewed from the inside.
- The panels are always labelled from left to right, when viewed from the inside, regardless of the opening variant or direction.

Key for figures

Fig. I
Top and side of the frame

Fig. II
Running track

Fig. III
A Frame profile
B Cover profile
C Corner angle
D Corner angle
E Corner angle

Fig. IV
A Frame sealing piece, floor track
B Adapter strip
C Running track profile
D Adapter strip
E Frame sealing piece, floor track
F Frame sealing piece, centre
G Frame profile
H Cover profile

Fig. V
A Fitting panels
B Retaining clip
C Running track
D Running track profile

Fig. VI
A Centre joint profile
B Cover profile
C Panel profile
D Sealing piece

Fig. VII
A Sealing piece
B Cover profile

Fig. VIII
A Sealing piece

Fig. IX
A Locking piece

Fig. X
A Mechanism
B Handle
C Handle
D Escutcheon plate

4. About assembly/installation

WARNING!

Risk of injury or property damage due to tipping or falling product parts!

Failure to observe the assembly requirements can lead to dangerous situations when working with load-bearing parts or heavy loads. This section contains important information on how to prevent hazardous situations.

→ Make sure that all the requirements for the installation site are observed.

Requirements for the installation site

The following requirements for the installation site must be observed when assembling and installing the product.

- **Compliance with the construction regulations:**
Wall construction, load capacity/suitability of the edges for adhesive sealing systems, evenness, building moisture, scope for load transfer and mounting, constructional tolerances, and height reference points.
- **Compliance with the contractual agreements (scope of service):**
Installation/assembly details provided, planning guidelines, thermal and moisture protection, liaisons with other trades (e. g. EIFS installers, concrete workers, floor pavers).
- If necessary, address concerns to the client, report an obstruction and/or interrupt/do not commence the work.

Fixing material

The fixing materials are not part of the scope of supply. The installer must decide on which fixing materials to use after assessing the given substructure. If any supplied fixing materials are used, we do not accept liability for the correct assembly. The installer alone is liable for ensuring that the fixing materials are suitable for the respective substructure and that the assembly is completed correctly.

Sealing material

If not otherwise agreed, the sealing material between the sliding system and building structure is not included in delivery. The sealing material must be selected in advance by the installer according to the existing building structure. The installer is solely liable for ensuring that the sealing material is suitable for the building structure and that the installation is performed correctly.

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Before beginning assembly and installation

- Check the delivery for transport damage upon receipt.
- Compare the contents of the delivery with the packing list.
- Make sure that the installation site is suitable for the product.
- Observe the occupational safety regulations and safety requirements specific to the installation site.
- Make sure that suitable fixing material (not included in the scope of delivery) is to hand. The fixing material must be compatible with the site's substructure.
- Familiarise yourself with your construction situation and the associated documents.
Different equipment variants are described in the appendix.
- Make sure that the marking placed on the construction object during the manufacturing of the product (e. g. meter marking on the wall) is visible.
- Gather the tools and materials required.
- Ensure that the assembly area is sealed off and cannot be accessed by unauthorised persons.
- Keep the assembly area free of objects that might get in the way or be damaged.

When working on the power supply:

- Make sure that the power supply is and remains shut off. Where necessary, the power supply must not be established until instructed in the corresponding installation step.

Installation

- Screw the profiles of the sliding system into the substructure using suitable fixing materials.
- Fixing with foams, adhesives or similar building materials is not possible in accordance with the current state of the art.
- Note the manufacturer specifications for the fixing material (e.g. wall construction material, drilling depth, edge distance).
- Make sure that the fixing material does not impede the function of the sliding system (e.g. carriage and guide gear).
- Support all the fixing points on the substructure with setting blocks.
- The generally applicable glazing guidelines apply. The blocks used all the way round in the glass rebate must be secured against shifting.
- Make sure that the setting blocks do not impede the subsequent installation and sealing work.
- Before installing the panels on the running tracks and guide rails, remove any drill remains and dirt to prevent long-term damage to the running of the panel profiles.

When joining on-site elements and extensions:

- Seal the outer joint against ingress of moisture using silicone.

Once assembly and installation are complete

- As the installer, obtain written confirmation that the installation has been carried out correctly and approved, and that the safety notes have been explained to the user.
- Hand these installation instructions and the associated documents (e. g. operating instructions, maintenance and care guidelines) over to the user.
- Brief the user on how the delivered product works, and explain the safety and usage instructions.
- Inform the user that the instructions must be retained and passed onto the new owner if the product is sold on.
- On new door elements, the manoeuvrability of the sliding panels may not yet be optimal. The fit of the seals only adapts to the system after installation, which leads to smoother running of the sliding panels over time.

5. Cleaning and care instructions

Maintenance & aftercare

General information

For cleaning please do not use any agents with unknown compositions. If you are unsure on the effect of the cleaner, then try it best with a test cleaning in a visually acceptable, concealed part of the component. External components are not only exposed to the weather, but also increased stress caused by smoke, industrial fumes and aggressive flying dust. In combination with rain and dew deposits of these substances can burn surfaces and affect the decorative appearance. We recommend cleaning of the outer surfaces on a regular basis to avoid a possible accumulation of deposits. Sooner contamination is removed from the profiles, the easier the cleaning.

Fittings / Hardware

All fittings shall be checked regularly for tightness and for wear. Depending on the requirements, mounting screws might have to be tightened.

Defective parts have to be replaced. Additionally running gear and moving sections of the fittings must be lubricated at least once a year with a suitable grease for fittings. Care products and cleaning agents that would weaken the corrosion protection of the fittings parts must not be allowed to come into contact with the fitting parts.

Glass surfaces

Dirty glass surfaces can be cleaned with water, sponges, cloths etc. Standard glass cleaners that do not contain abrasive ingredients can be added to the water. Stubborn stains such as paint or tar splashes should be removed with spirit, acetone or petroleum ether.

ATTENTION! Alkaline soapy water, acids or cleaning agents containing fluoride must not be used for cleaning glass surfaces.

ATTENTION! Use suitable protective sheets to protect glass surfaces from mortar splashes, cement slurries, untreated concrete surfaces, fibre cement boards, flying sparks from cutting discs, welding spatter and facade stone cleaners containing acid.

Seals / Gaskets

All seals must be cleaned and lubricated at least once a year to ensure they continue to function properly. We recommend the Solarlux Top-Clean seal care product which maintains the suppleness of the seal, thereby preventing it from becoming brittle prematurely. Ensure that the sealing profiles are not damaged or come into contact with solvents.

Aluminium surfaces

Care of anodised and powder-coated surfaces of exterior aluminium components:

Anodisation and powder coating processes create a particularly hardwearing and decorative surface finish on aluminium components. In order to maintain the decorative appearance of such components over decades,

it is essential that the surfaces are regularly maintained by cleaning them at least twice a year.

Cleaning anodised surfaces

Surfaces must not be cleaned in direct sunlight and the surface temperature must not exceed 25 °C. Only use pH neutral cleaning agents, e.g. washing-up liquid at the usual dilution. Abrasive or scratching cleaning agents must not be used for cleaning heavily soiled anodised surfaces: special cleaning pastes are available for this purpose.

Cleaning powder-coated surfaces

Just as with anodised elements, cleaning must be carried out on cold surfaces at a maximum surface temperature of 25 °C.

Here too must be used only pH neutral cleaning agents. Cleaners containing solvents would attack the surface of the powder coating and must not be used. Abrasive or scratching cleaning agents must not be used either. We recommend odourless cleaning benzene for removing stubborn, fatty, greasy stains. The cleaning benzene must be allowed to react for only a short period and then rinsed off with clean water.

In addition, we recommend a finishing treatment with car wax which leaves behind a water-repellent film. A check should first be made here on a part of the system hidden from view to establish that the medium used does not cause unwanted changes to the surface sheen.

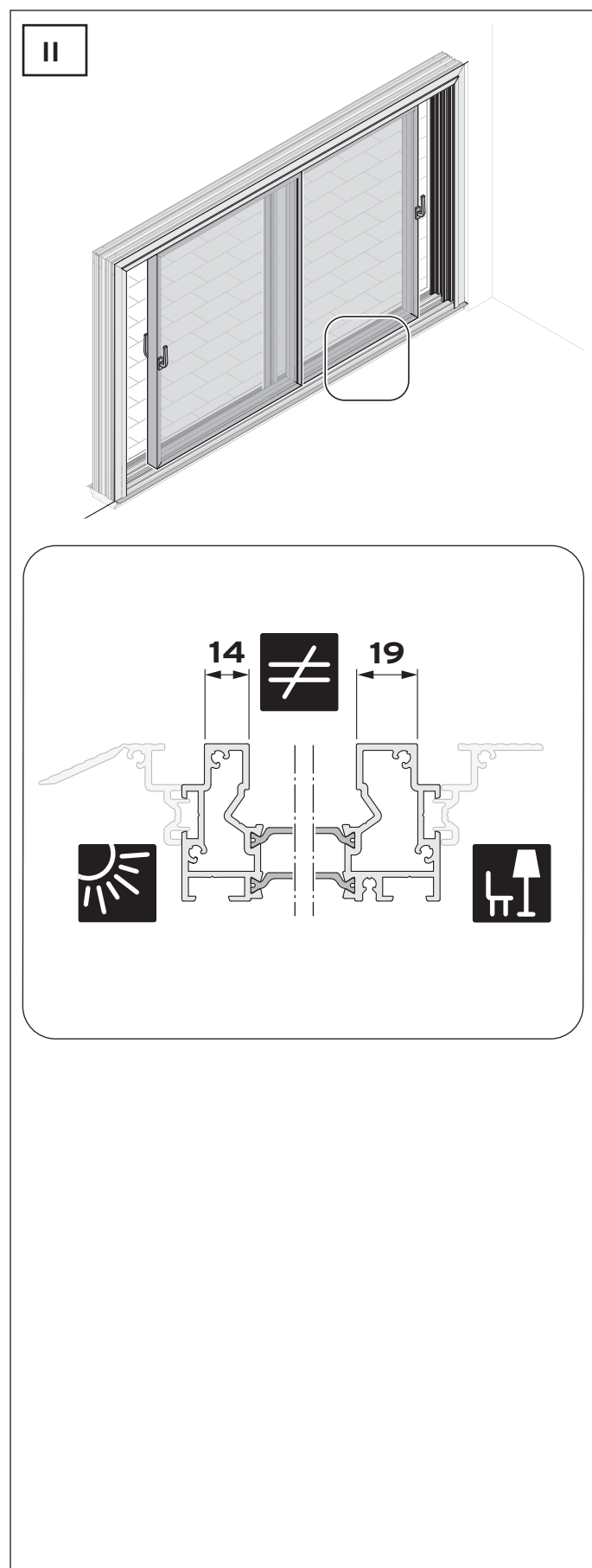
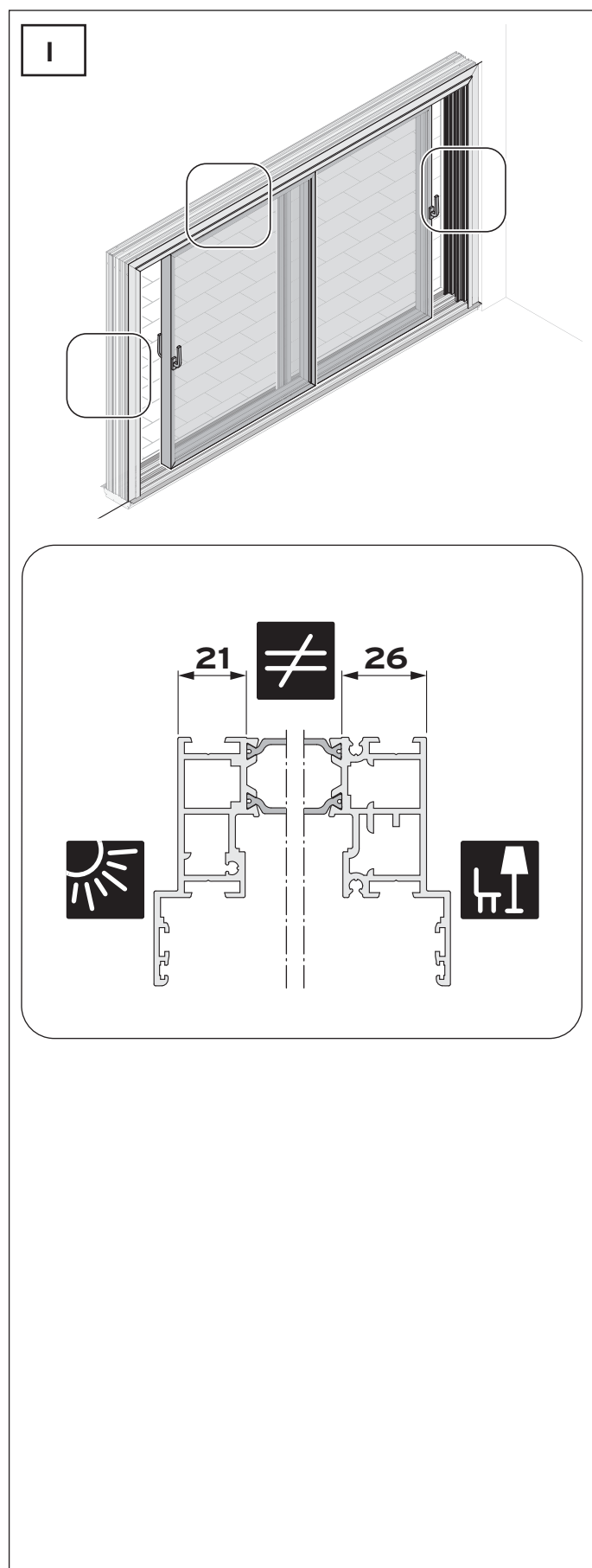
Cleaning the guide rail section

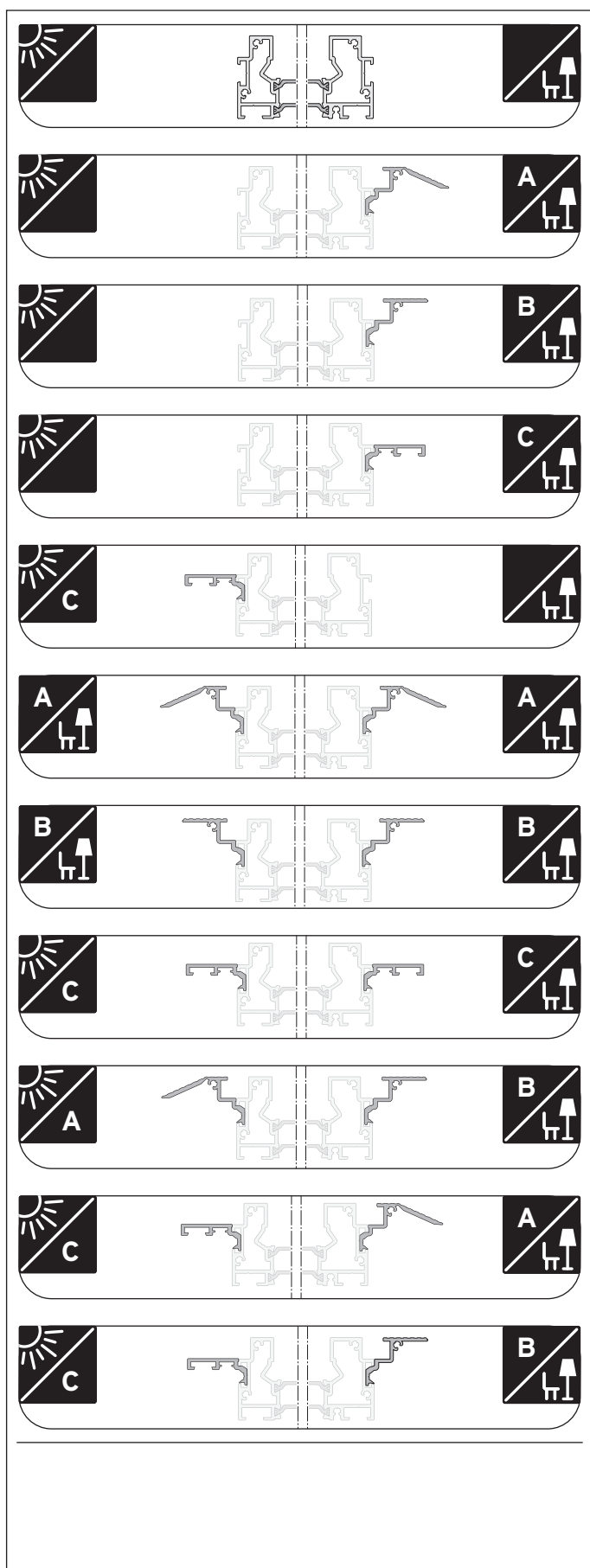
- Soiling can impair the running characteristics of the sliding panels.
- Remove coarse soiling from the upper and lower guide rail section for example with a vacuum cleaner.
- Debris blocking the water outlet must be removed in order to prevent damage.
- Keep drainage holes free of snow and ice in the winter months.
- During winter months when there are snowfalls and fluctuating temperatures around freezing point, snow and ice
- deposits can build up on the internal and external components or on the guide rail section below.
- This causes the panels, locks and locking devices to freeze up, rendering them unusable.

Recommendation:

As the installer, ensure that you get written confirmation that the assembly work has been completed correctly and that you have provided training on the safety instructions during the handover consultation. Our terms of delivery and payment, and our technical specifica.

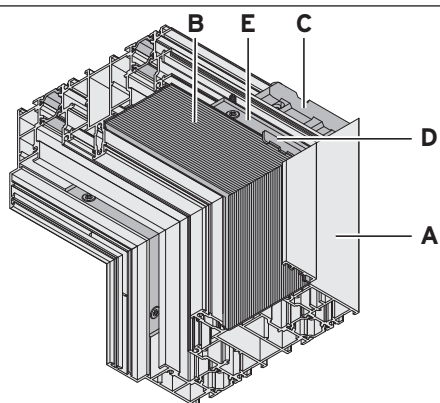
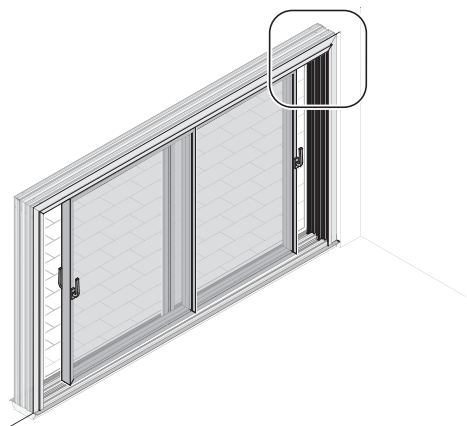
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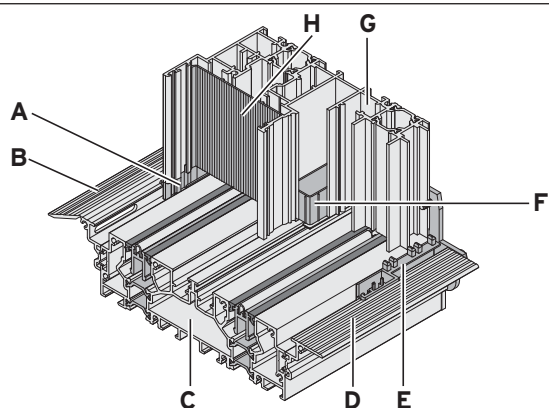
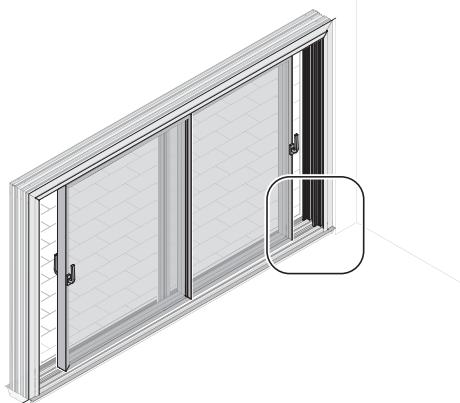


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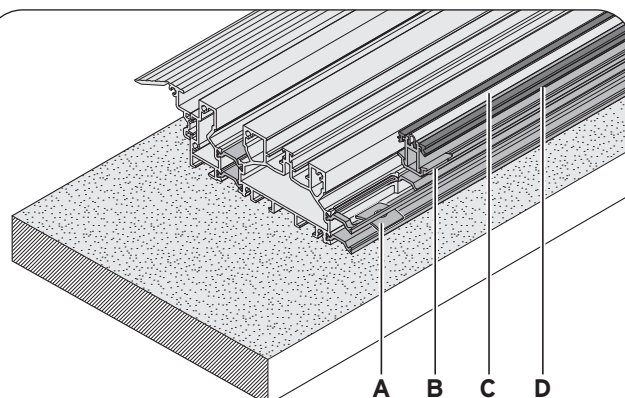
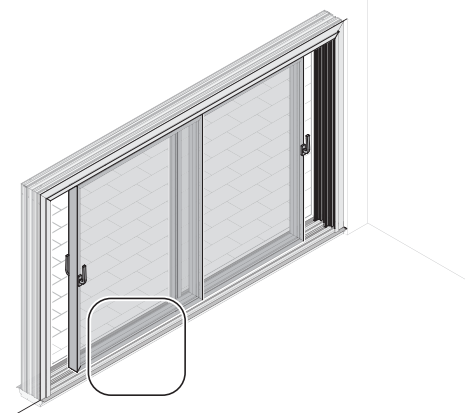
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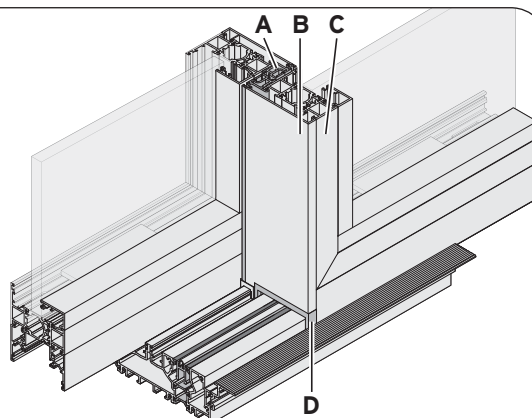
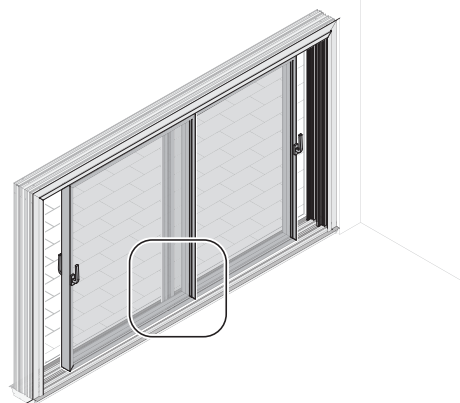
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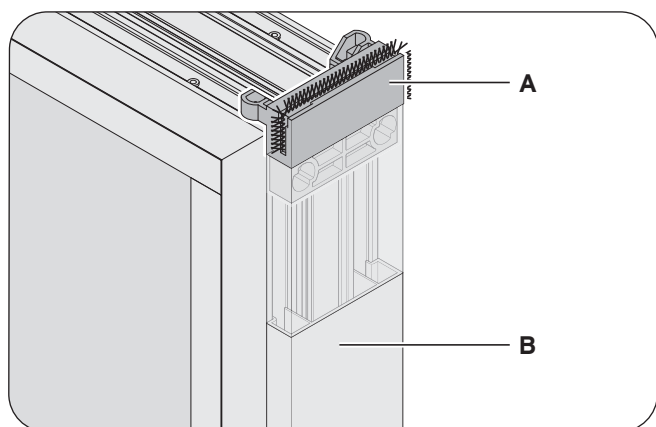
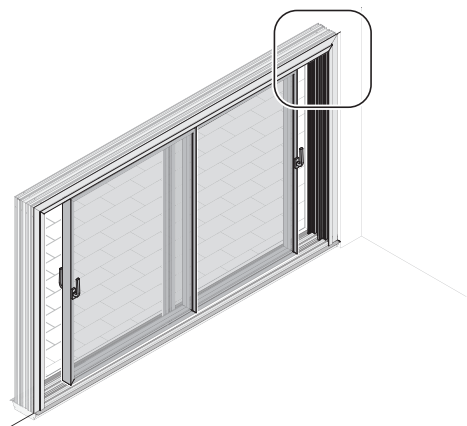
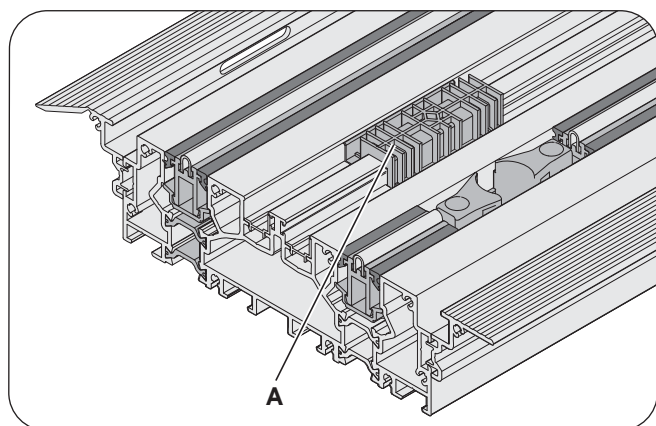
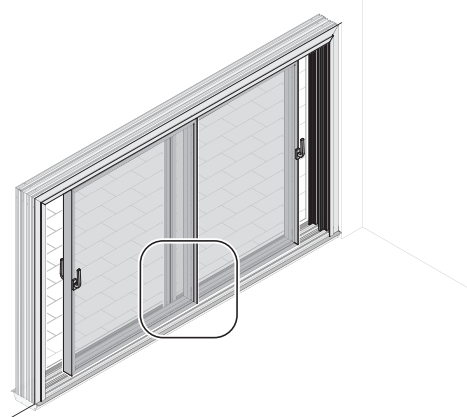
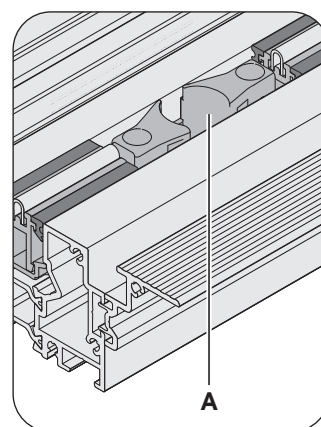
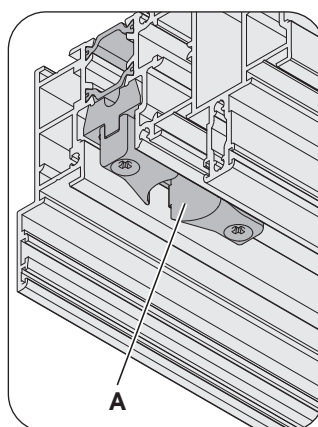
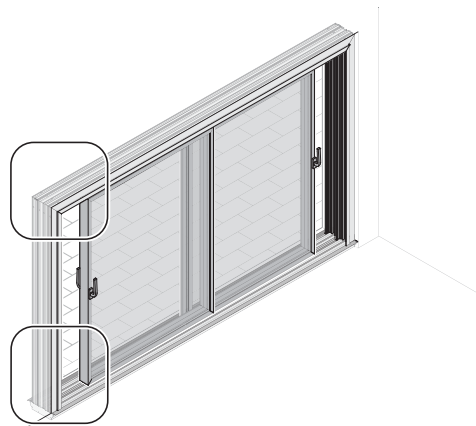
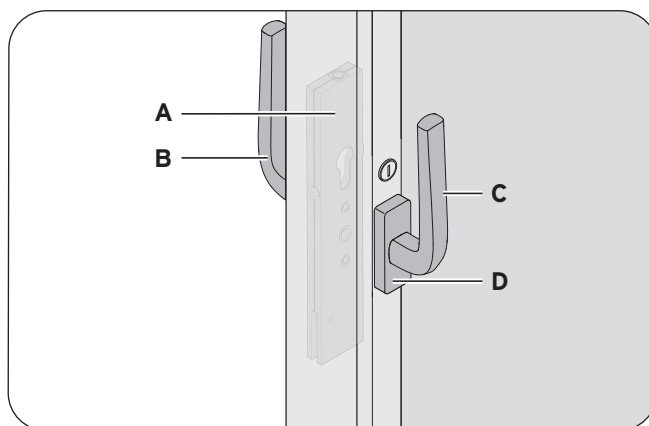
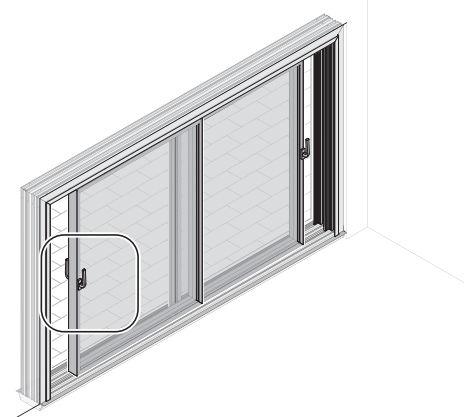


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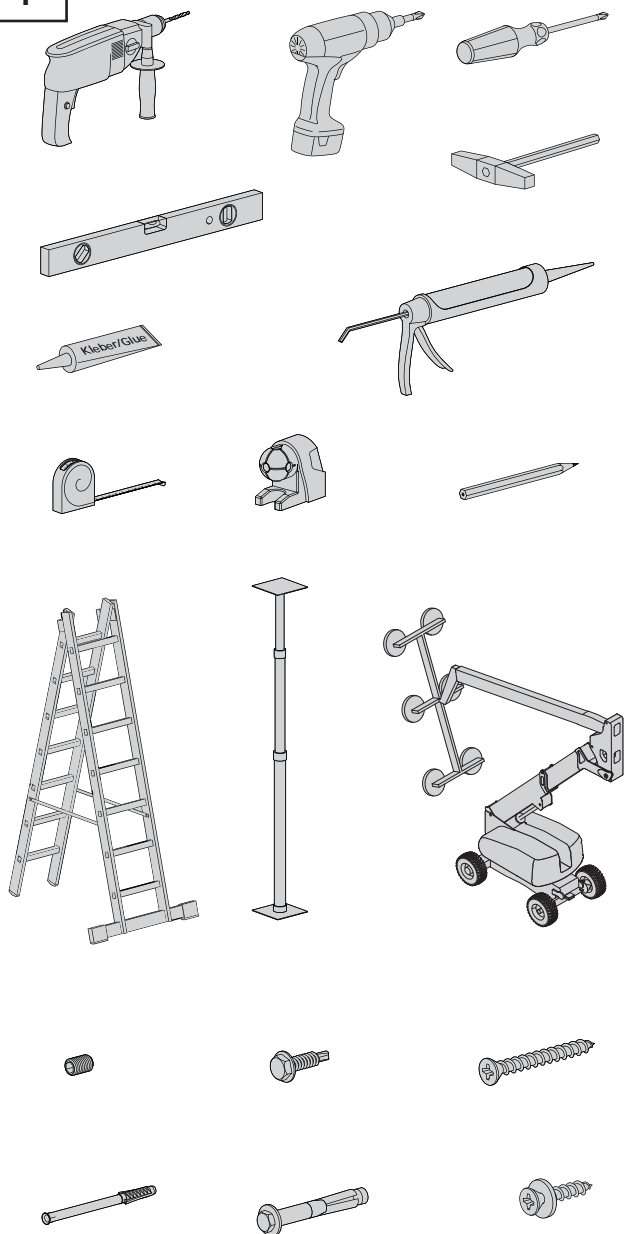
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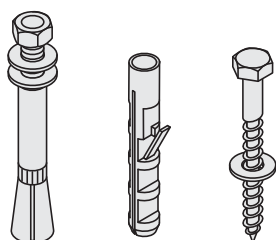
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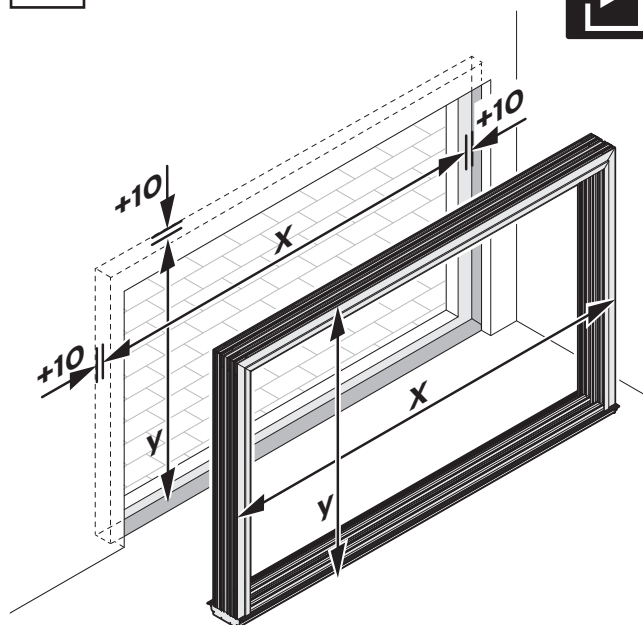
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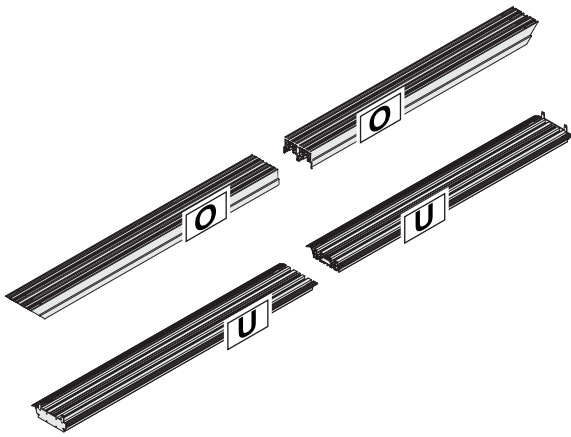
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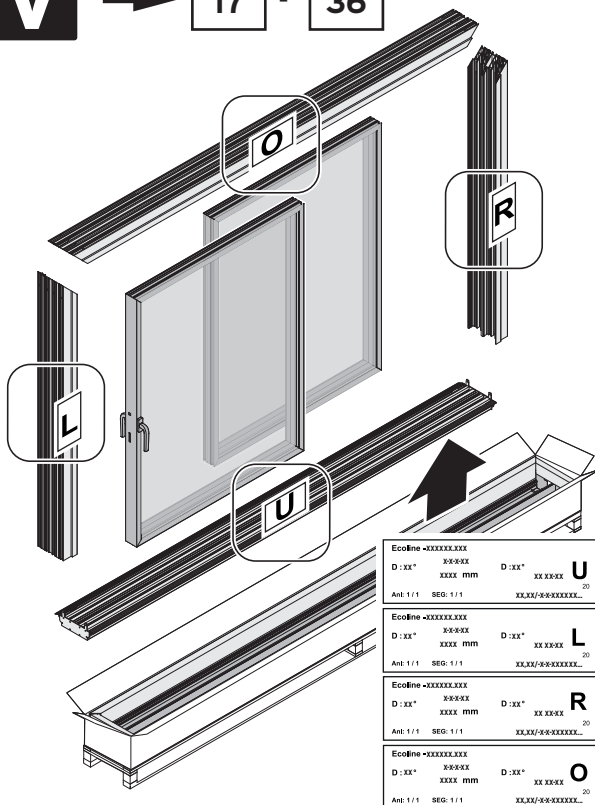
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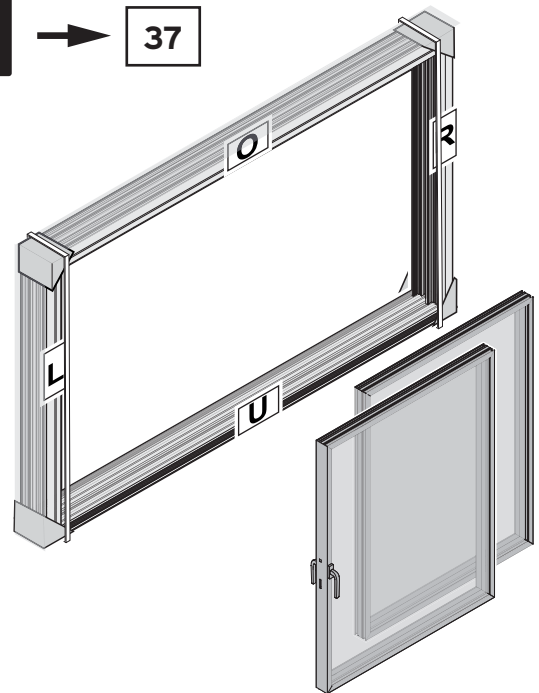
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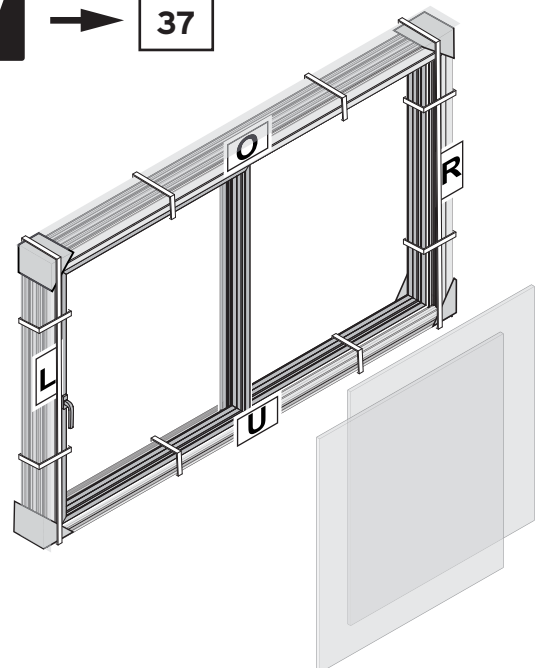
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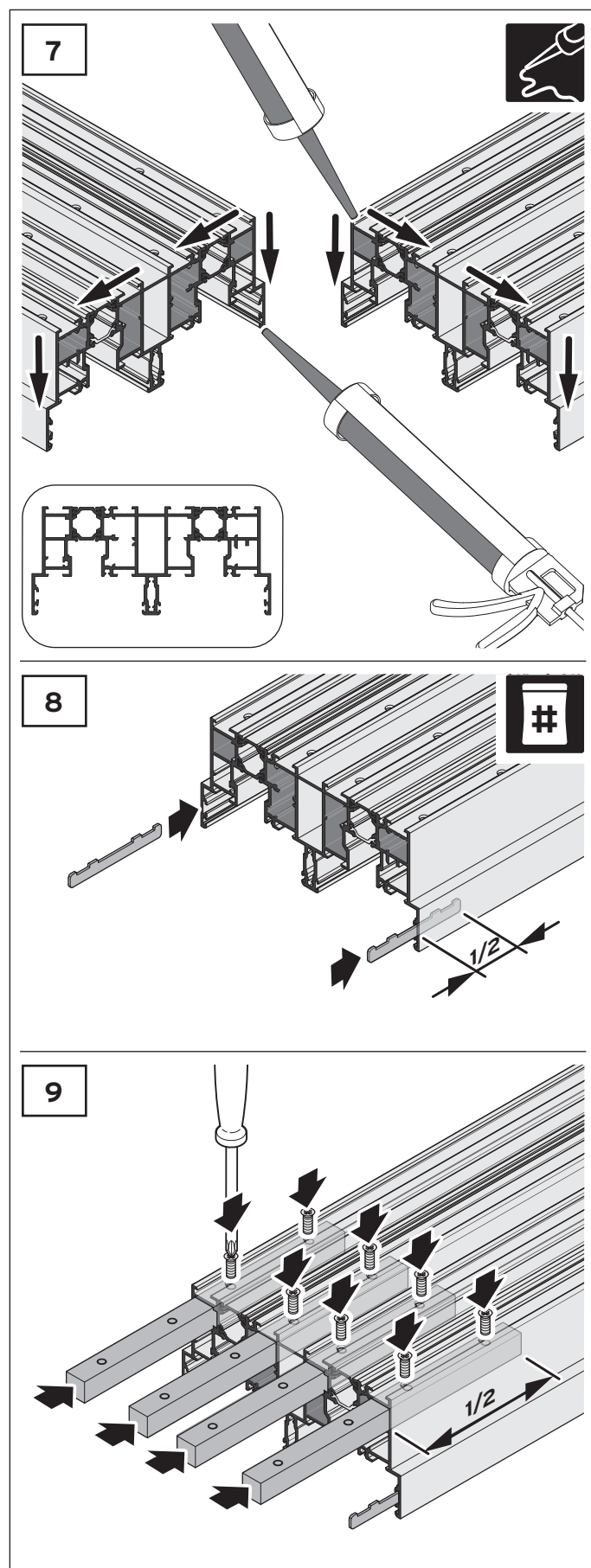
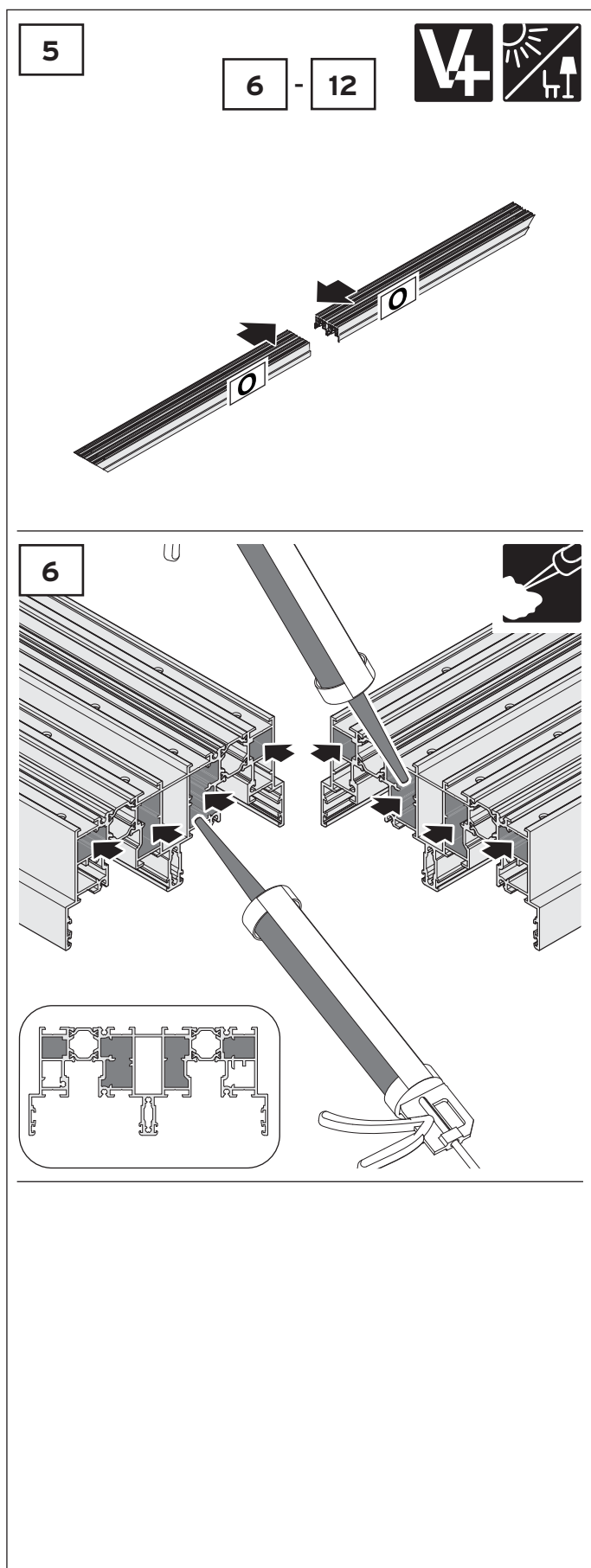
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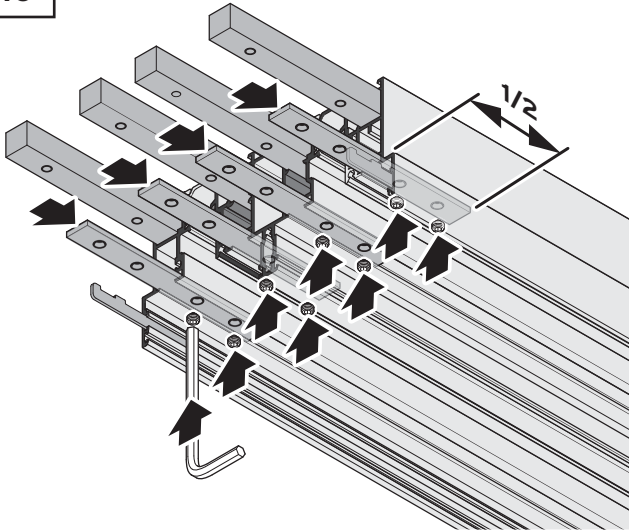
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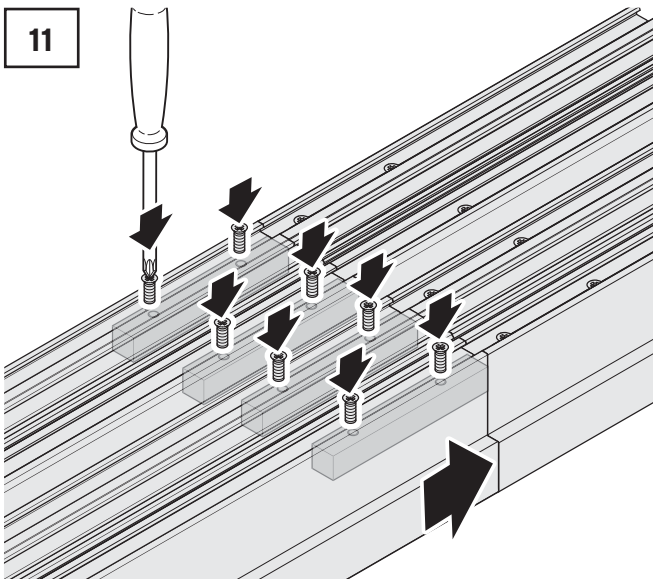
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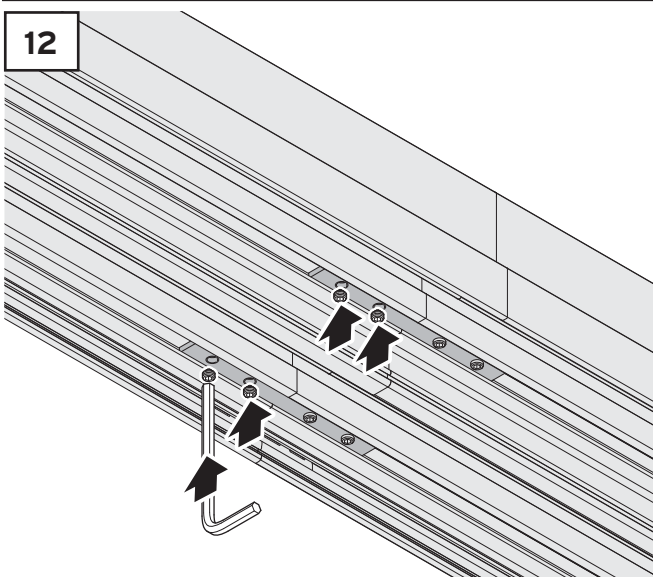
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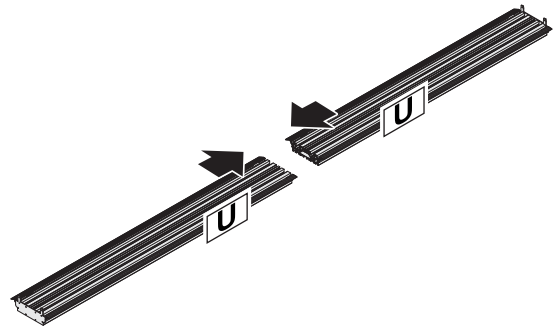


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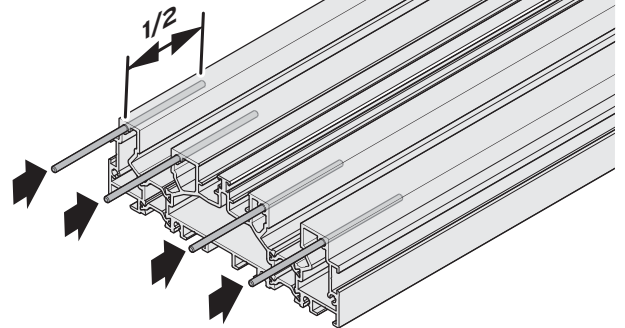


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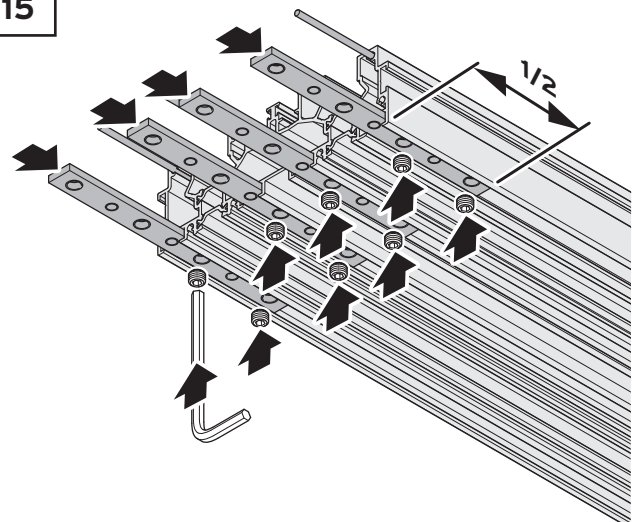
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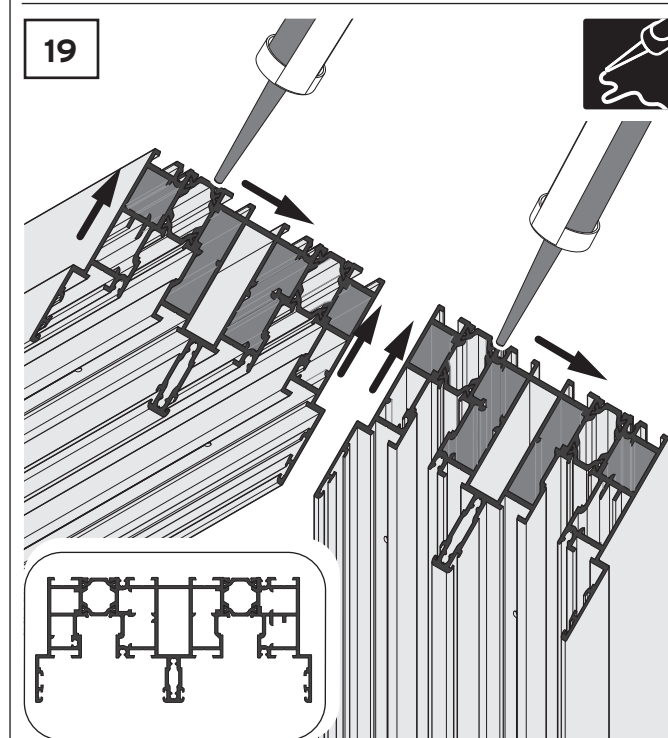
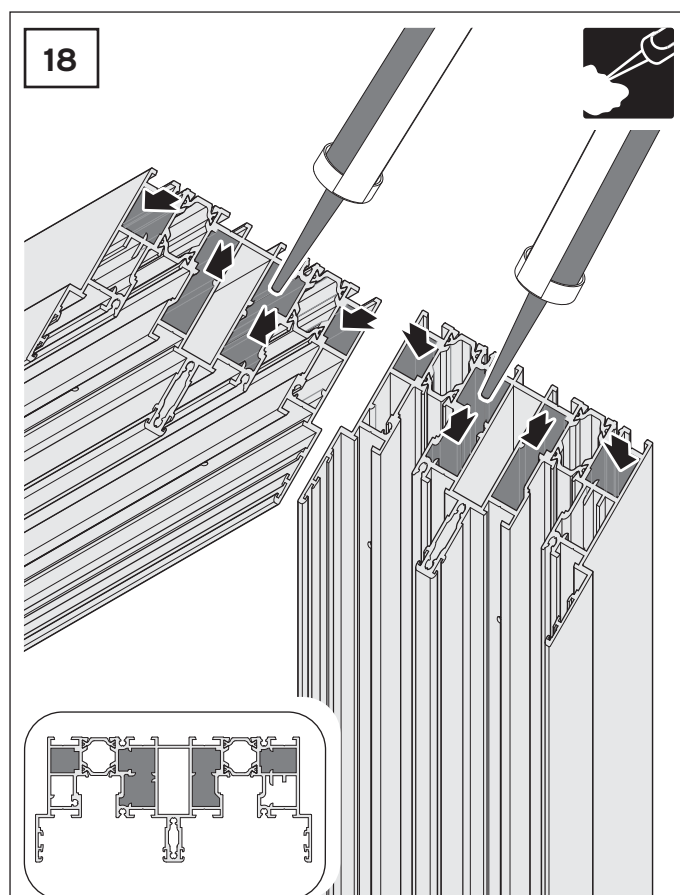
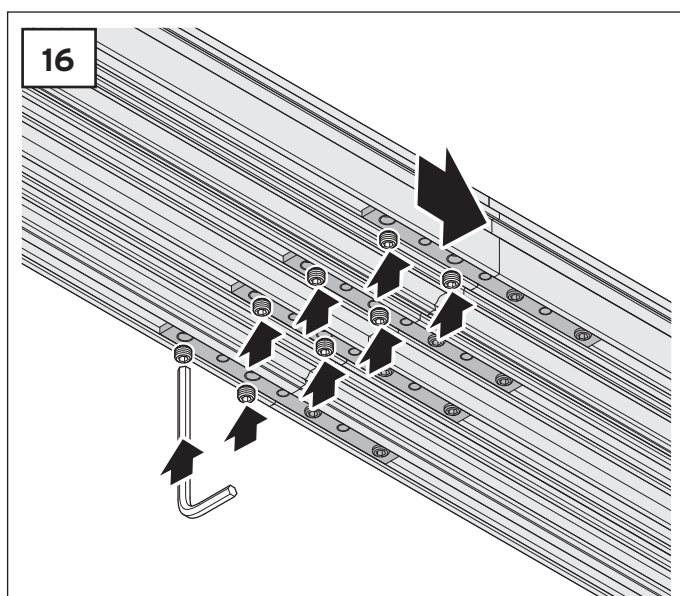
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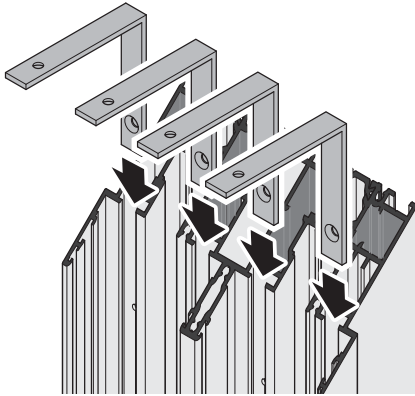
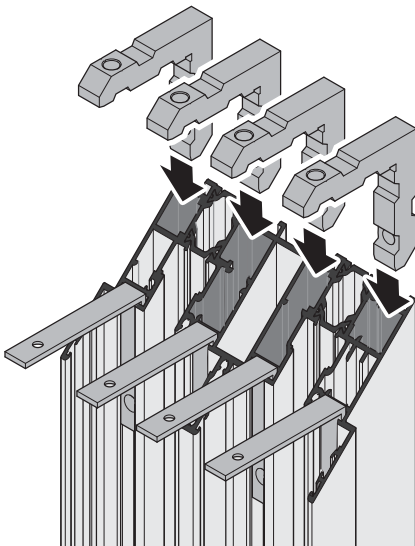
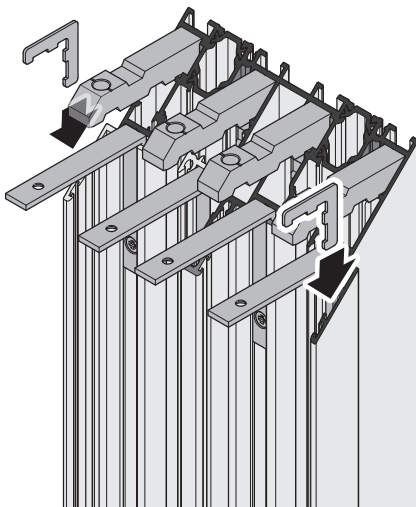
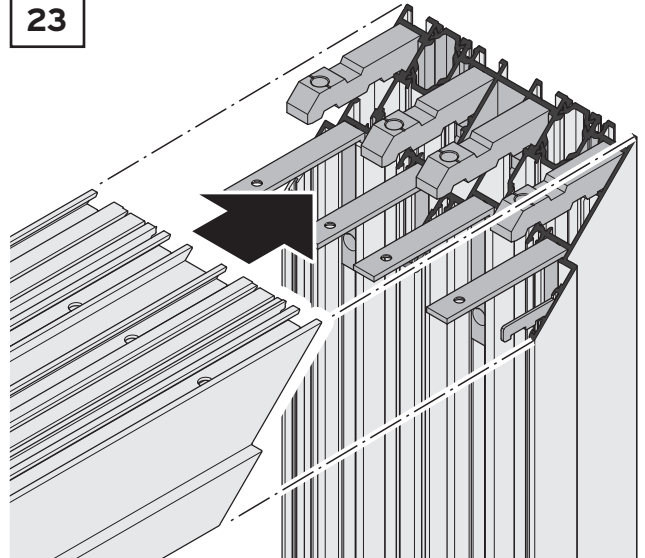
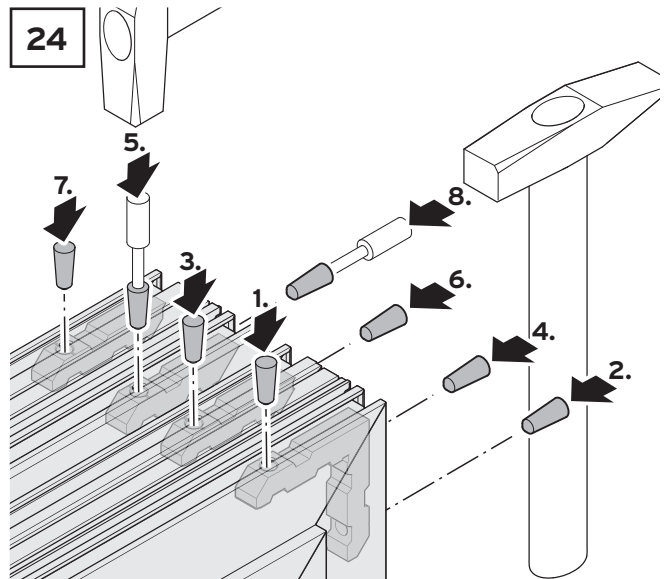
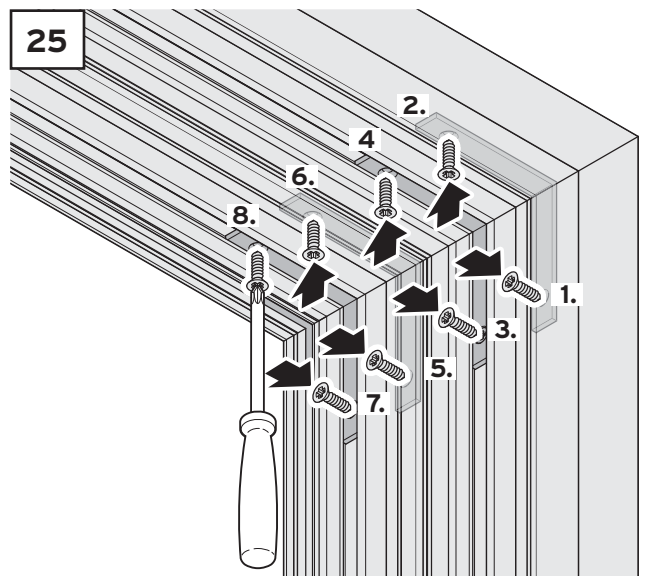


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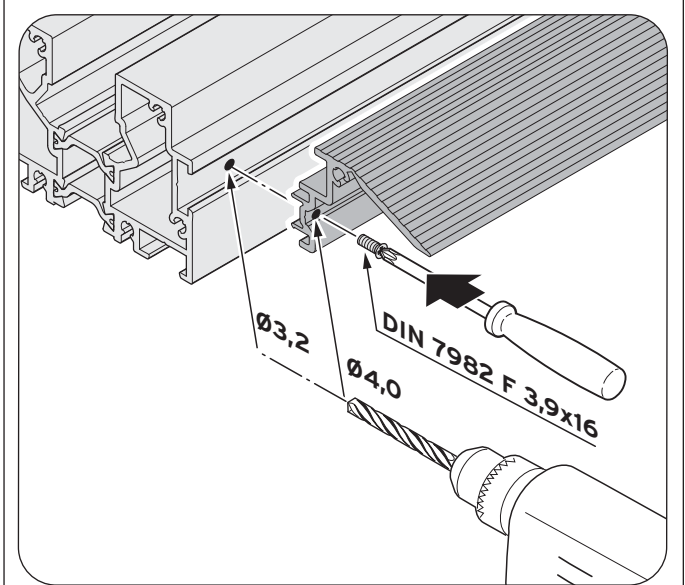
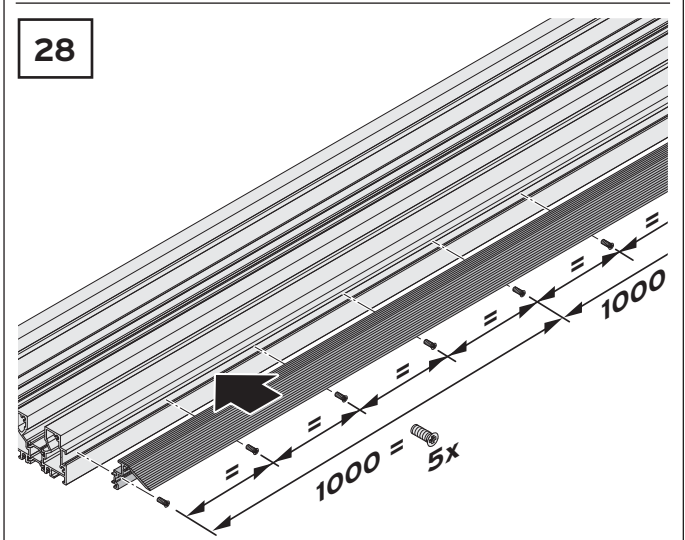
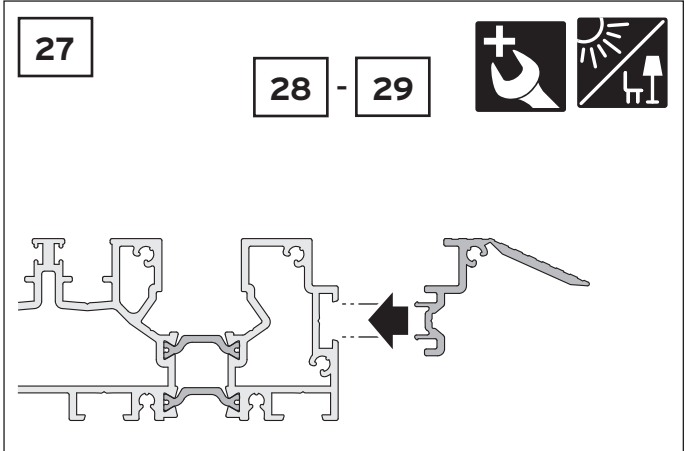
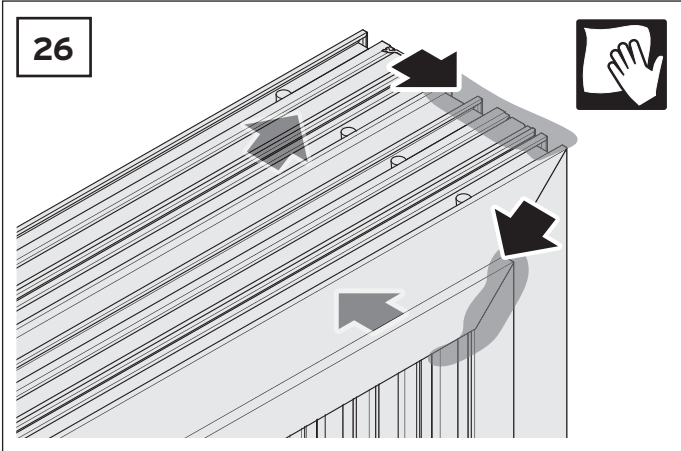


ECOLINE S / HIGHLINE S

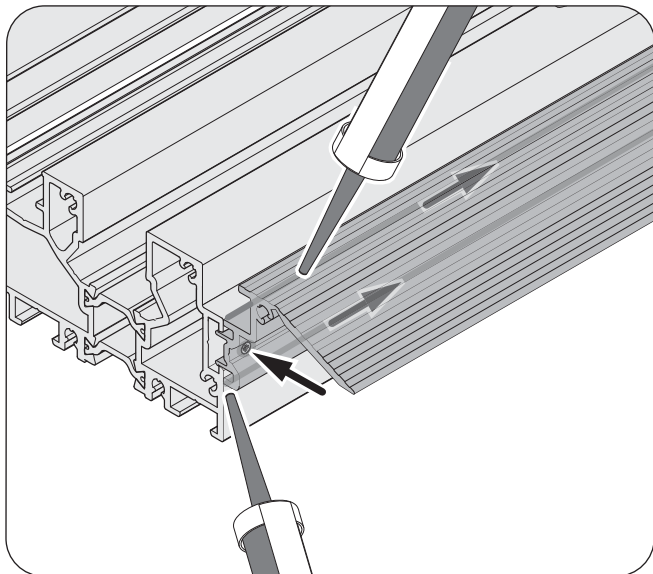
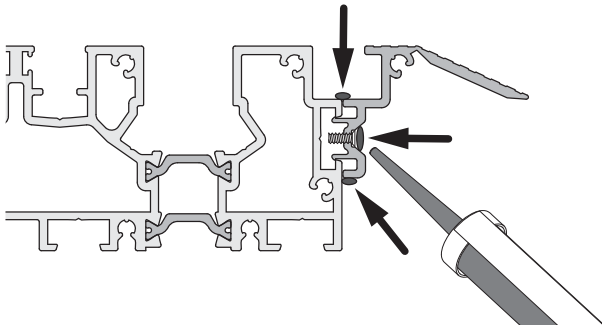


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ECOLINE S / HIGHLINE S

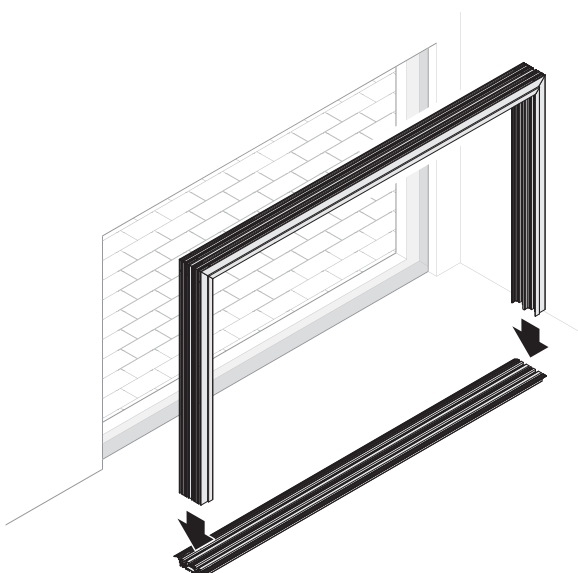


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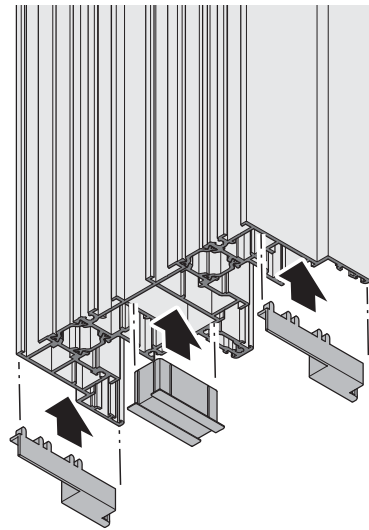


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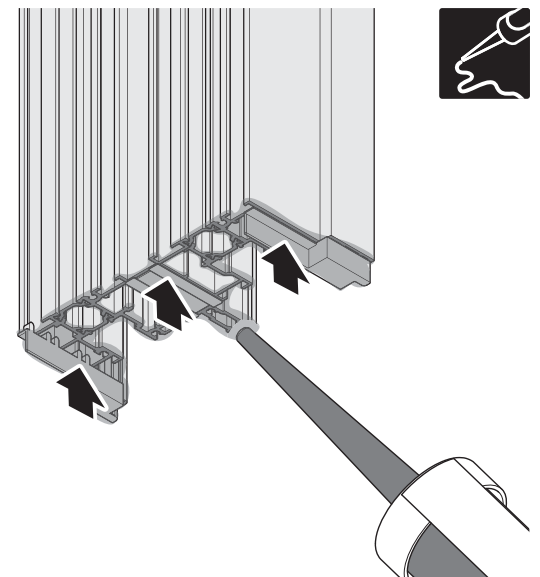
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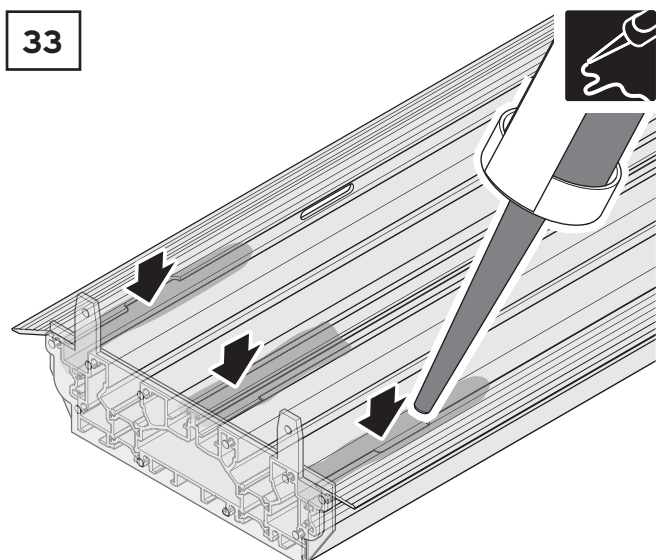
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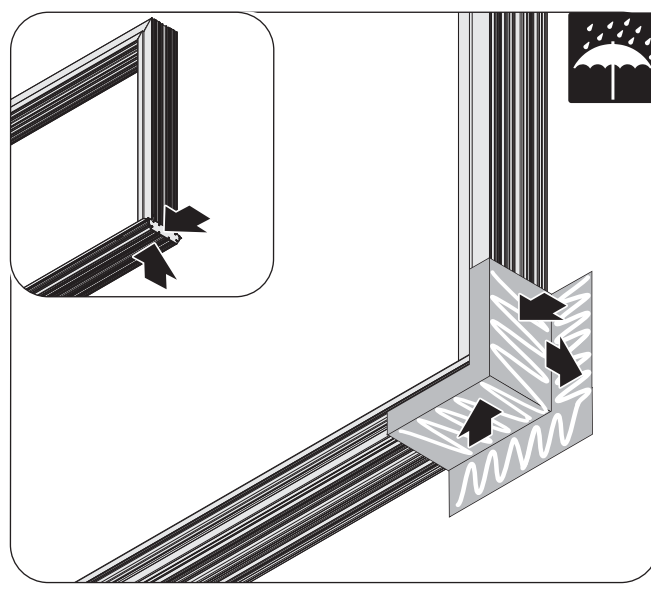
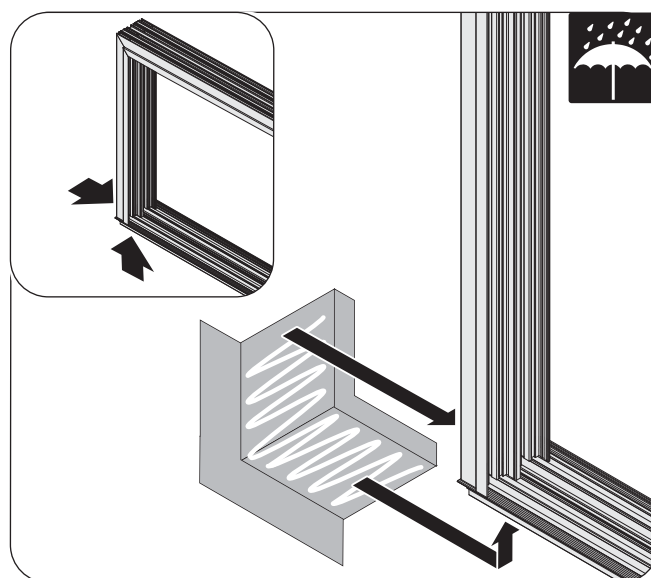
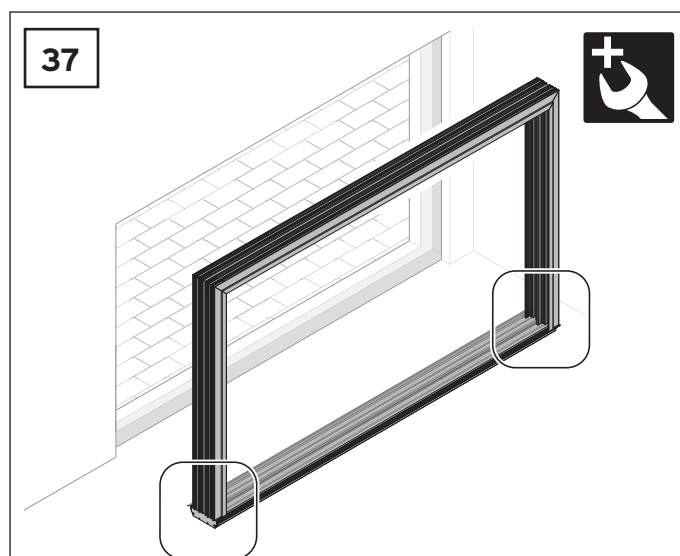
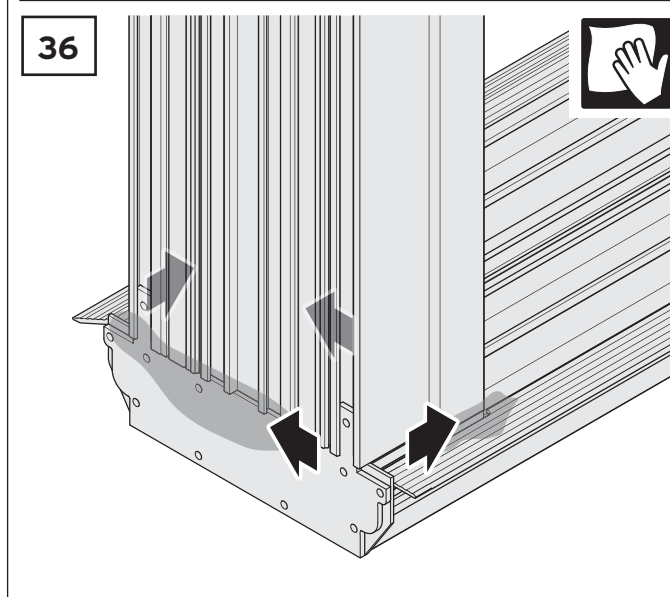
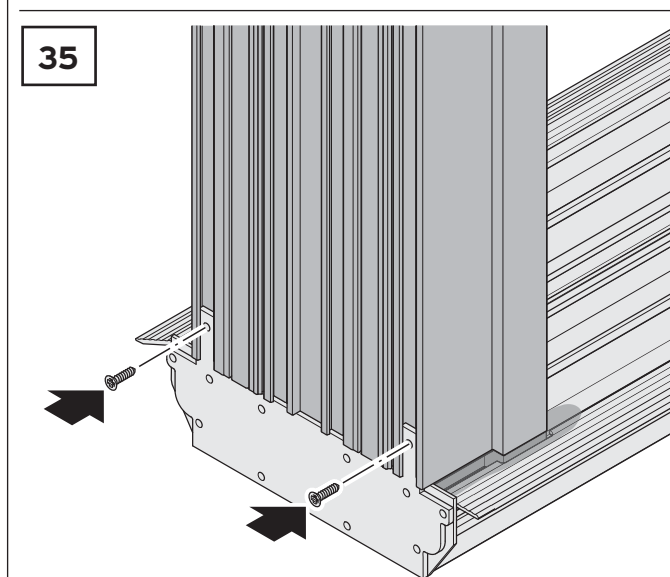
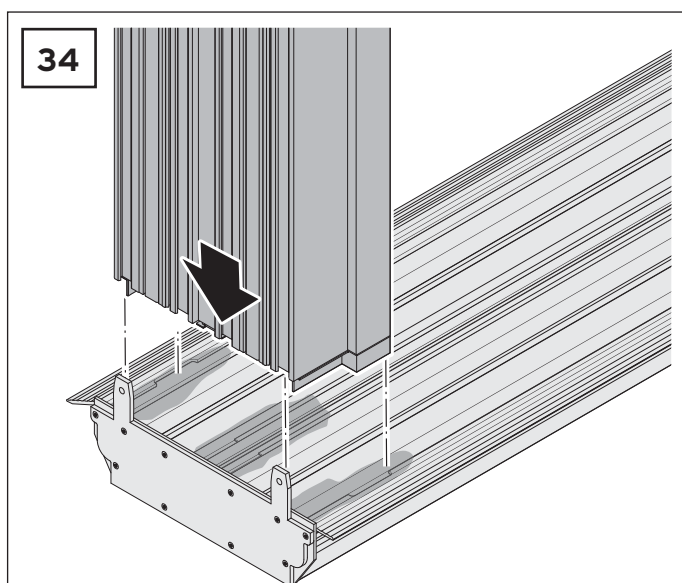
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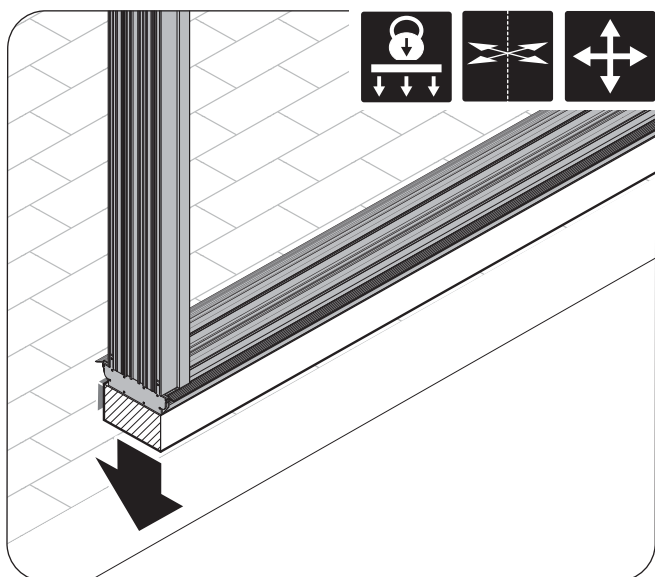
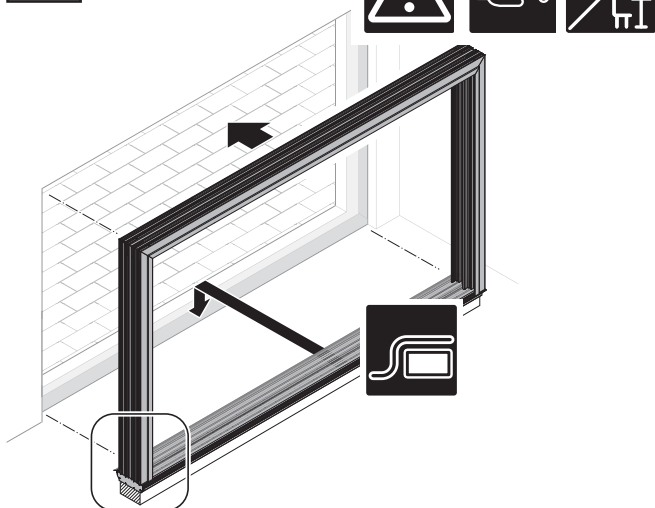
ECOLINE S / HIGHLINE S





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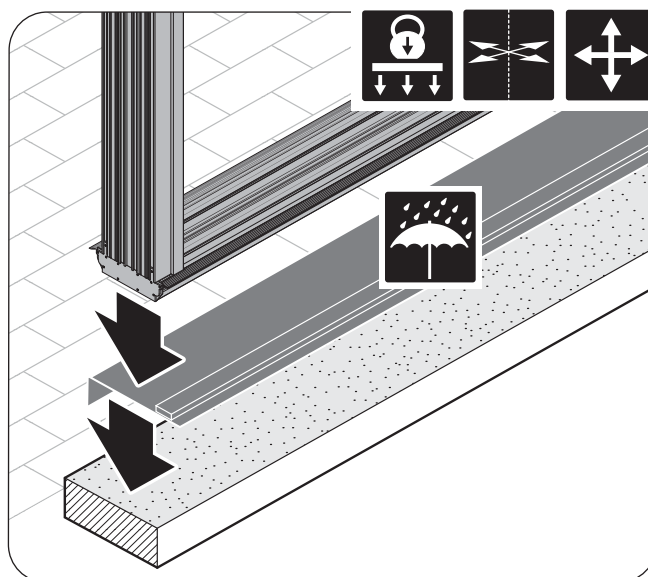
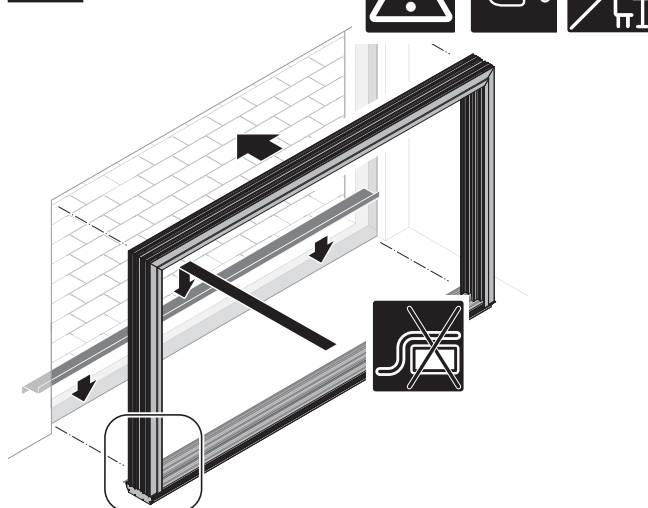
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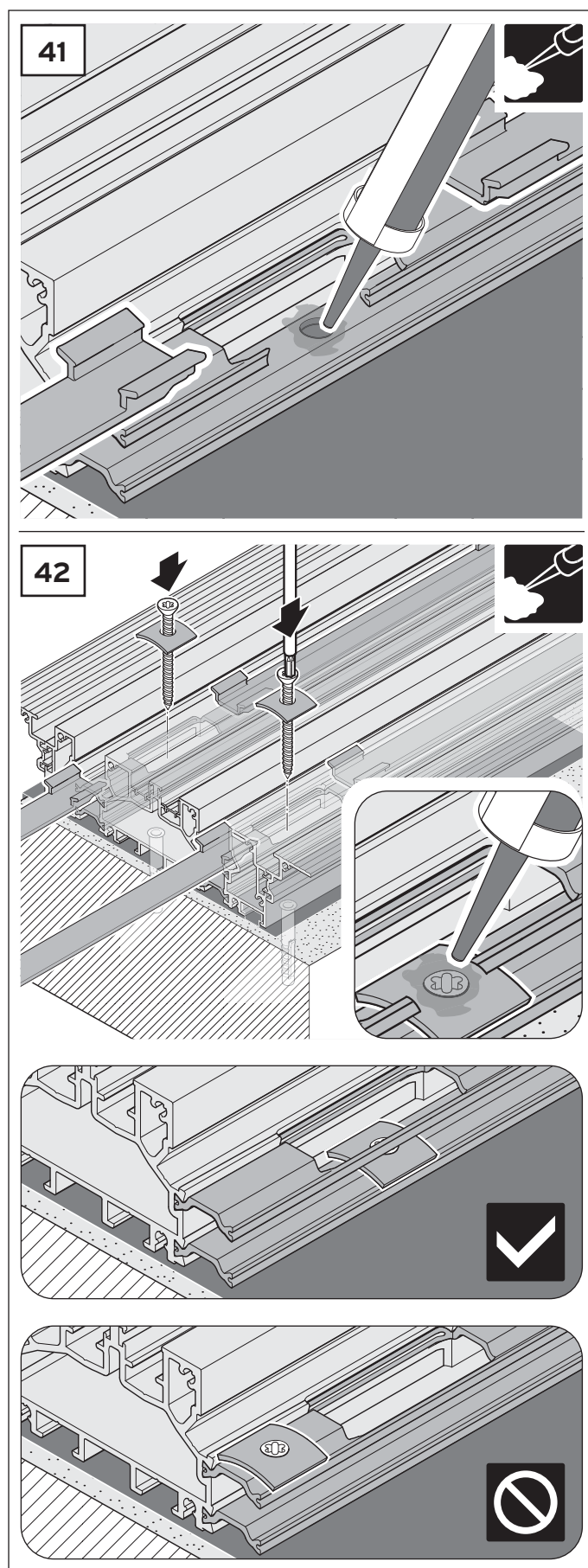
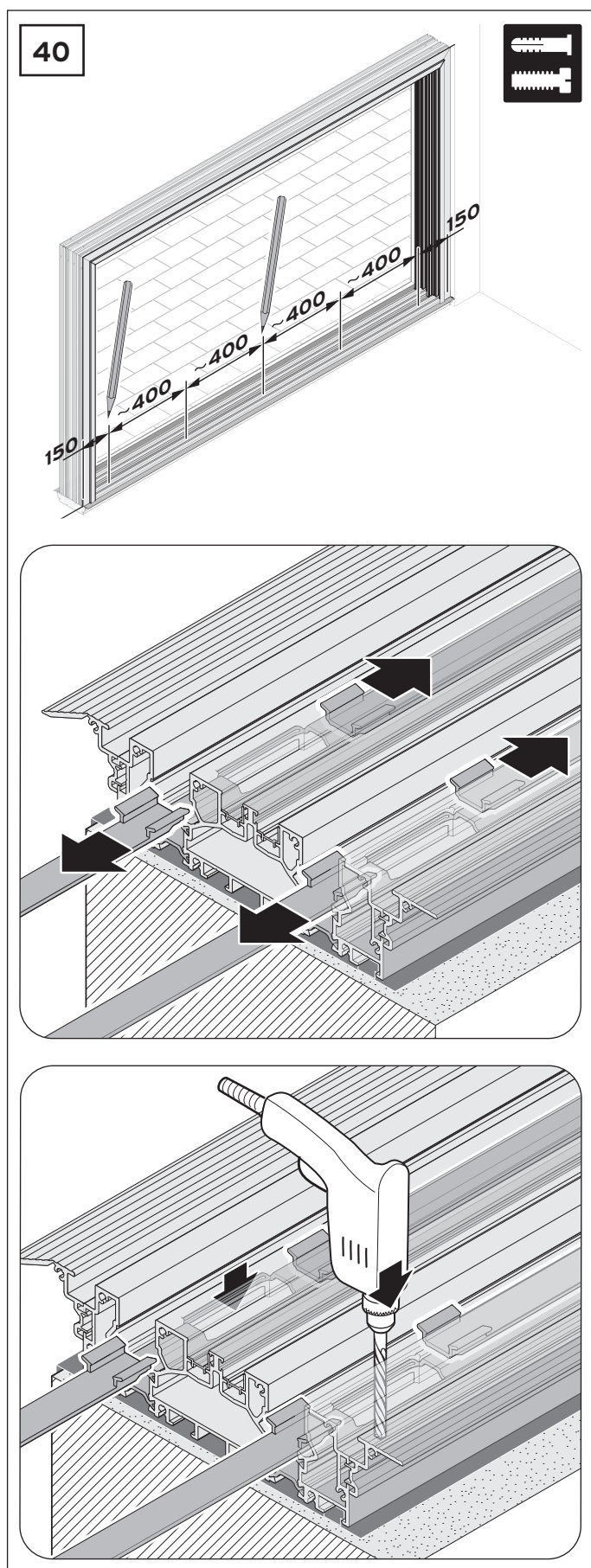
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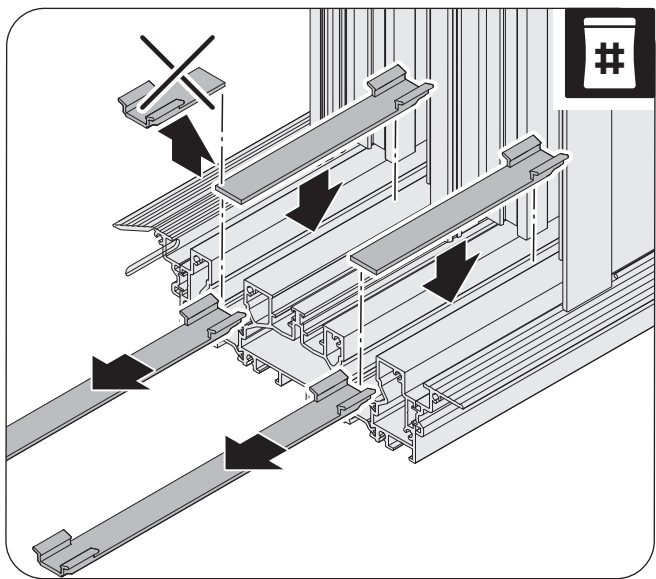
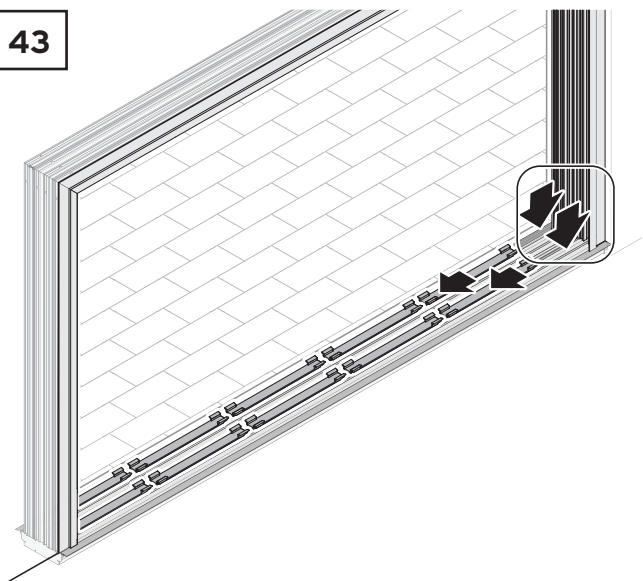
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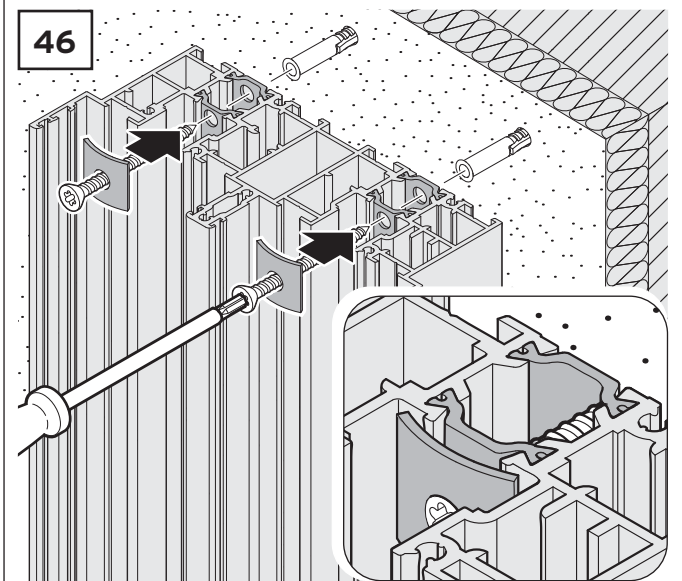
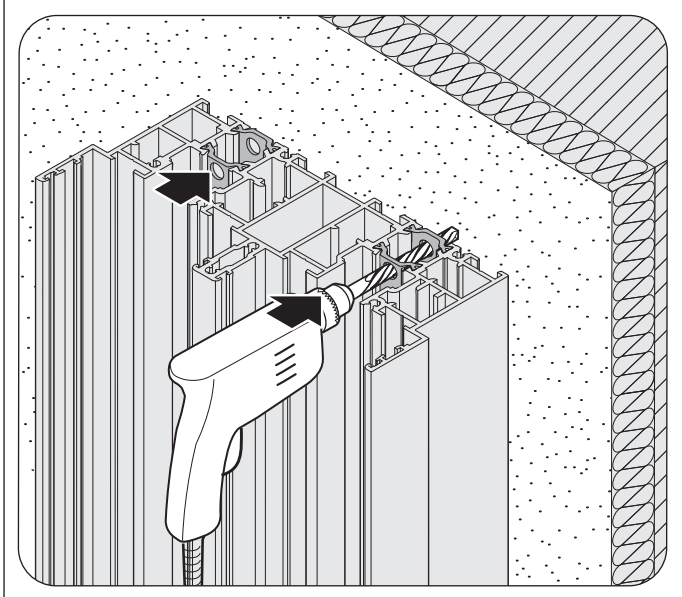
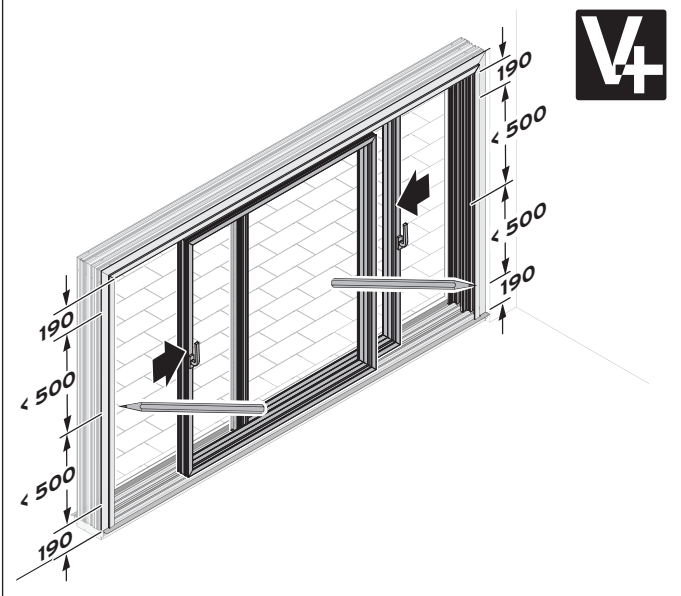
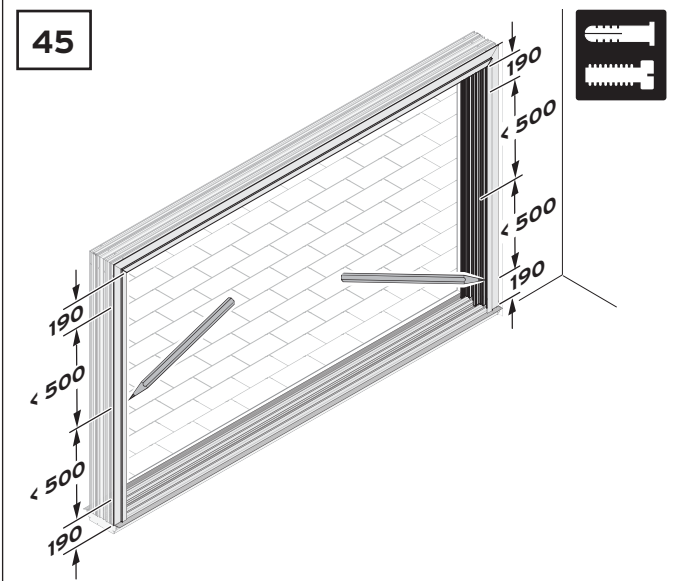
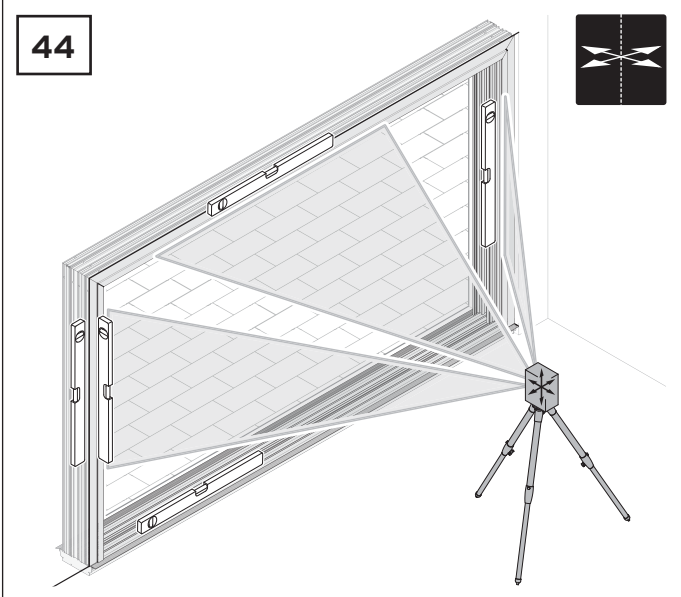
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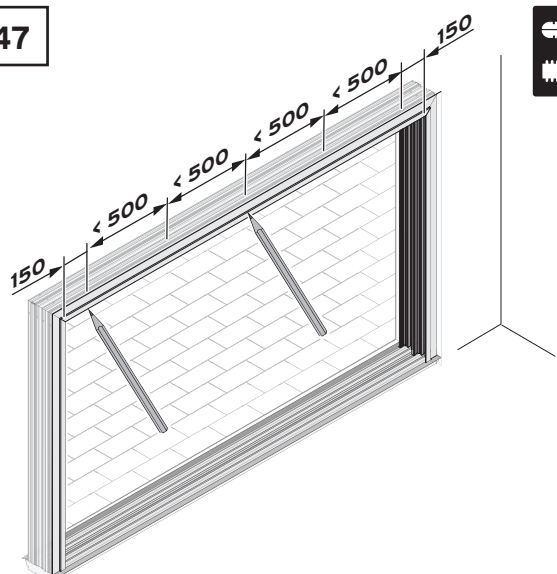
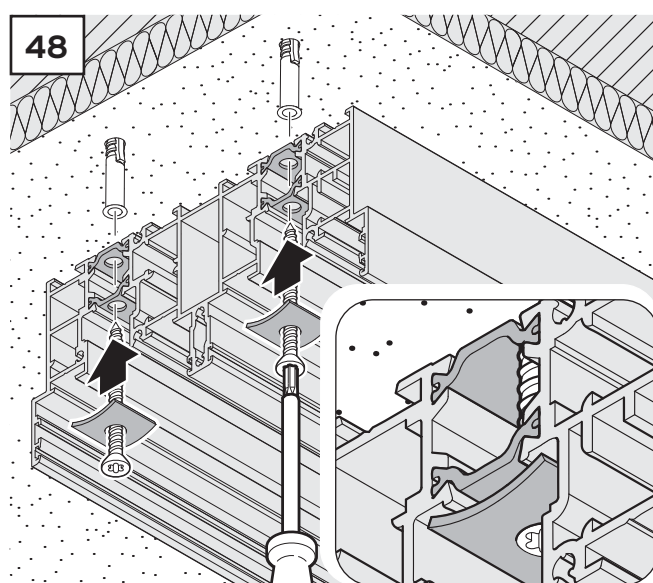
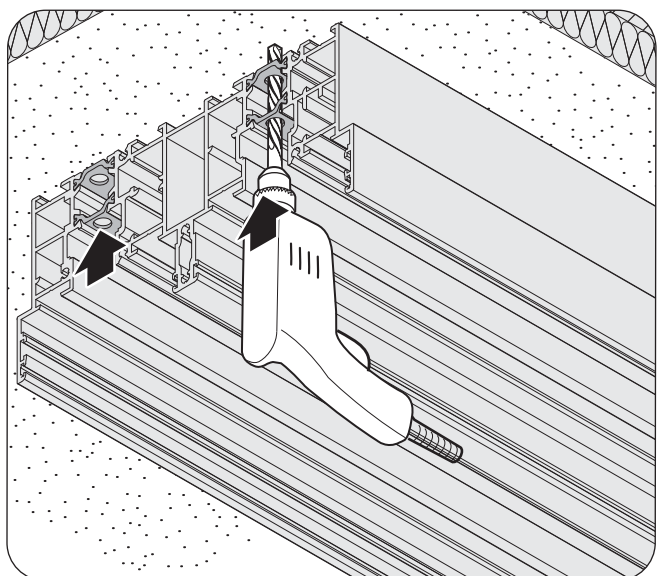
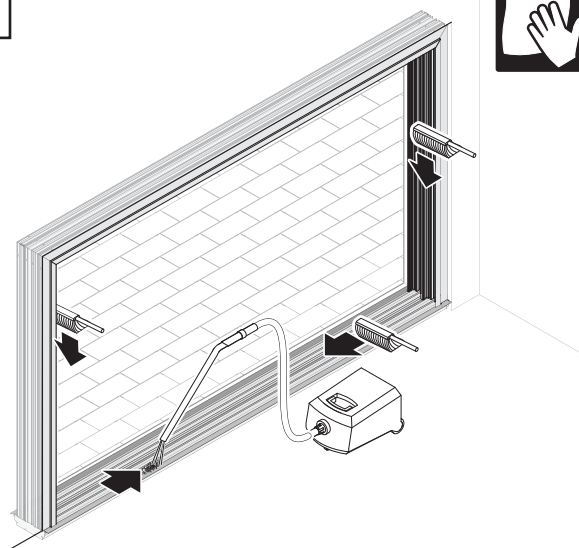


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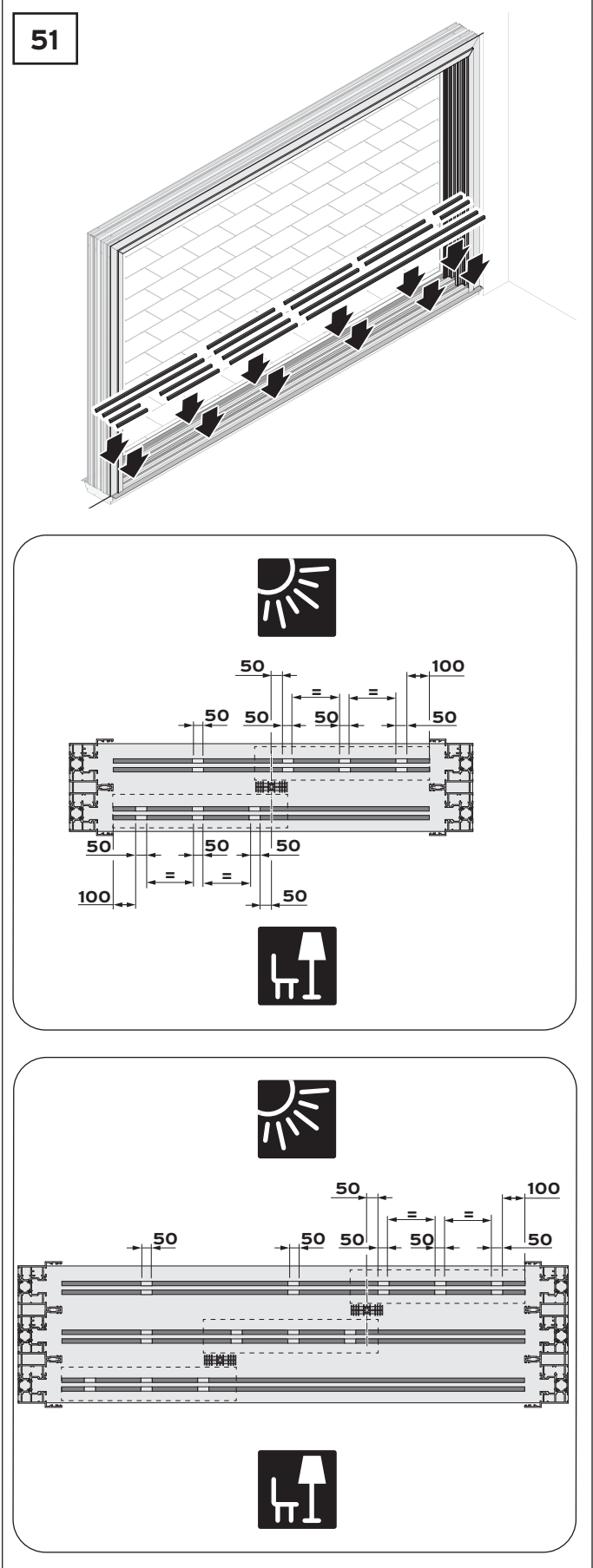
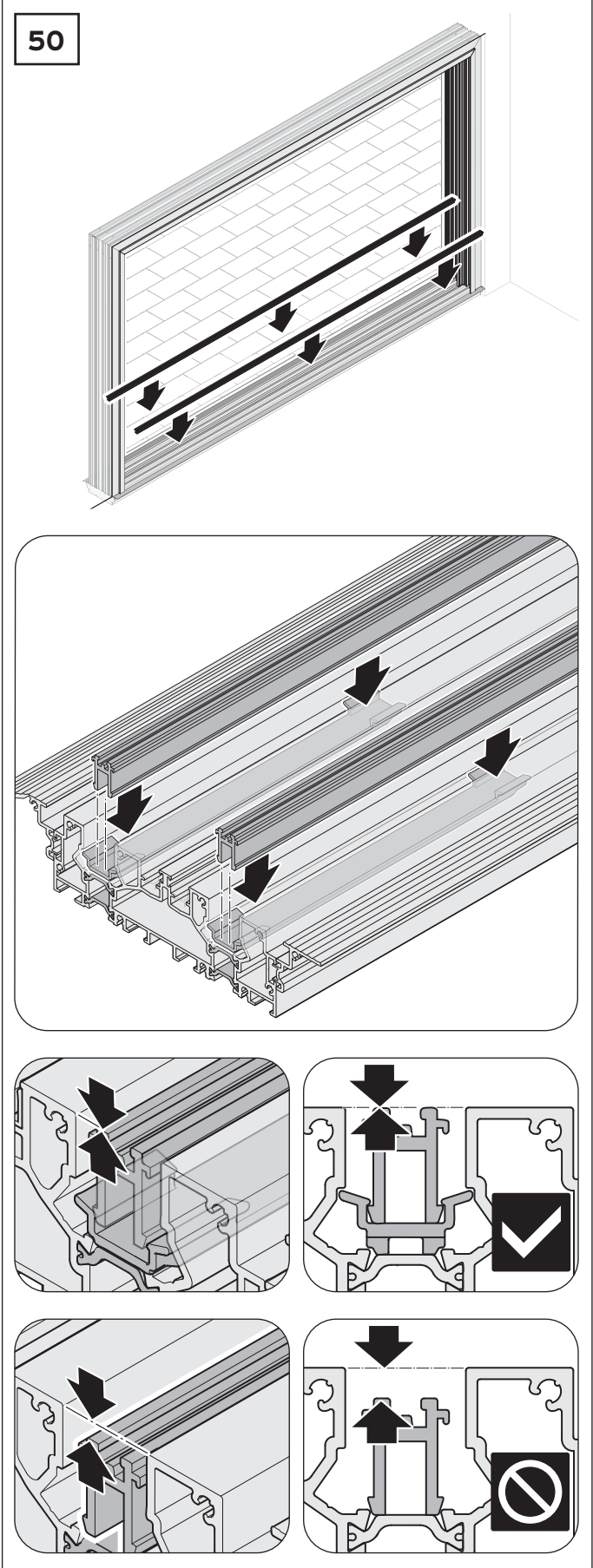


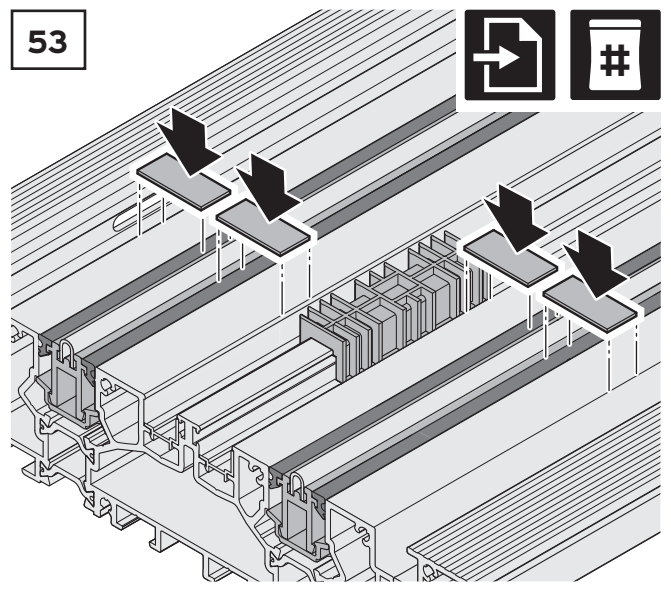
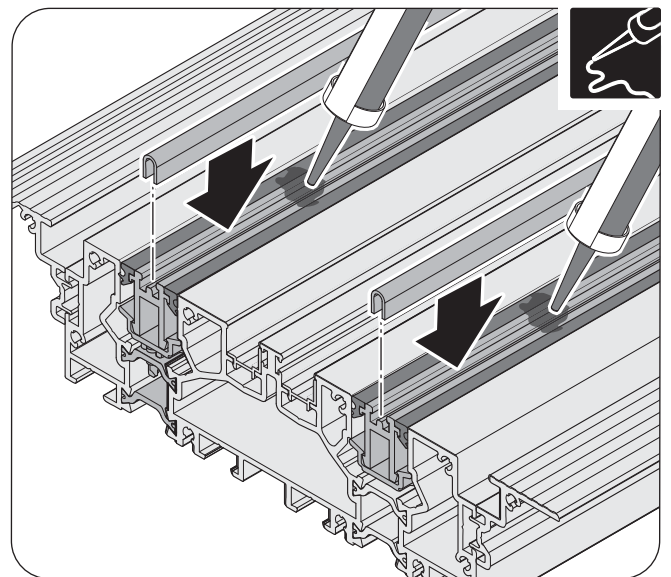
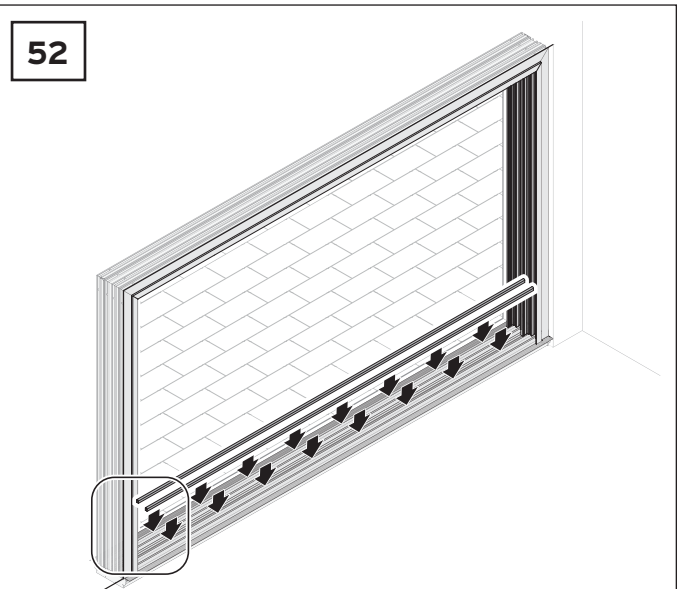
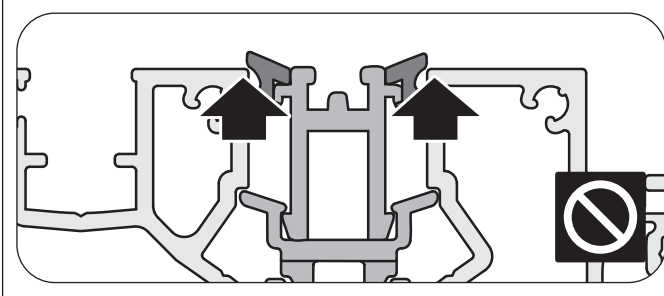
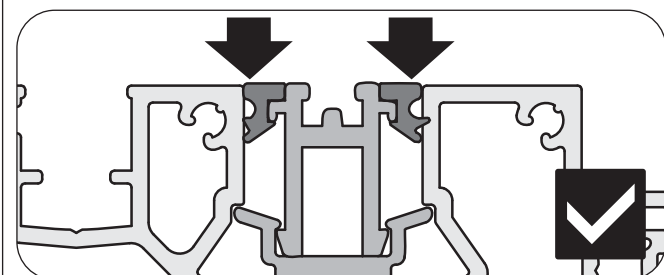
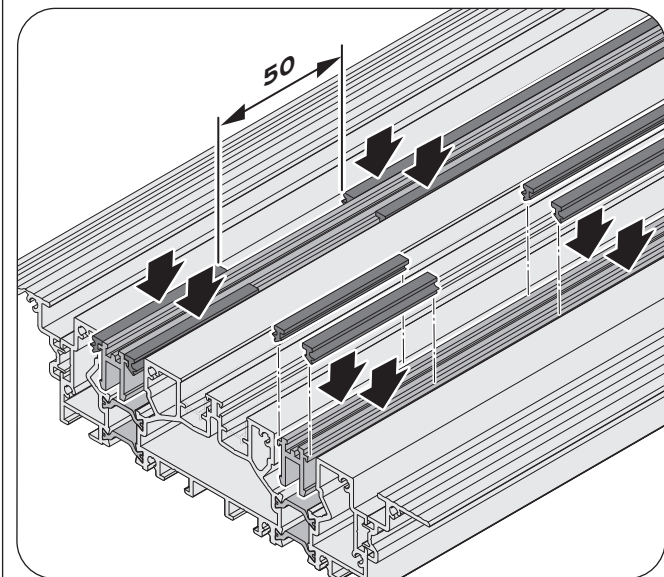
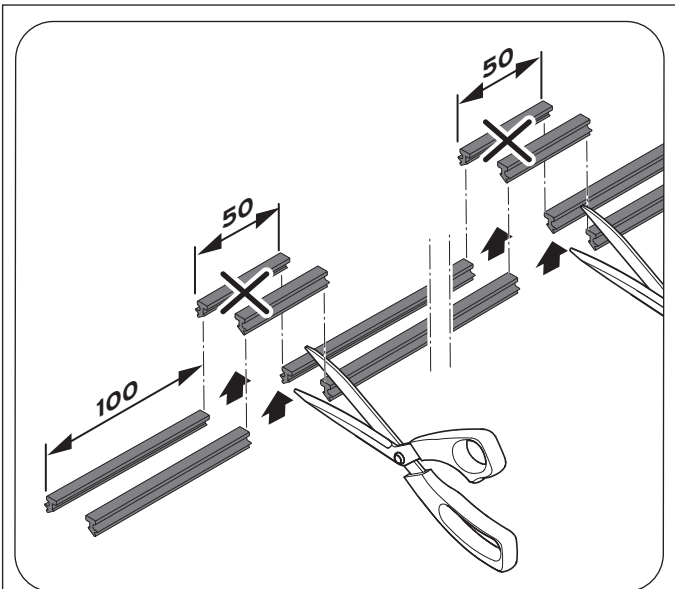
ECOLINE S / HIGHLINE S



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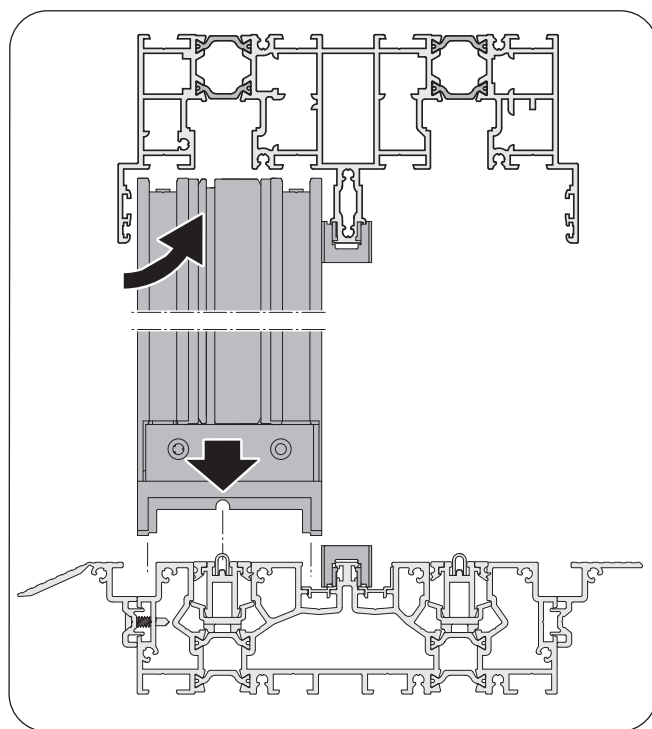
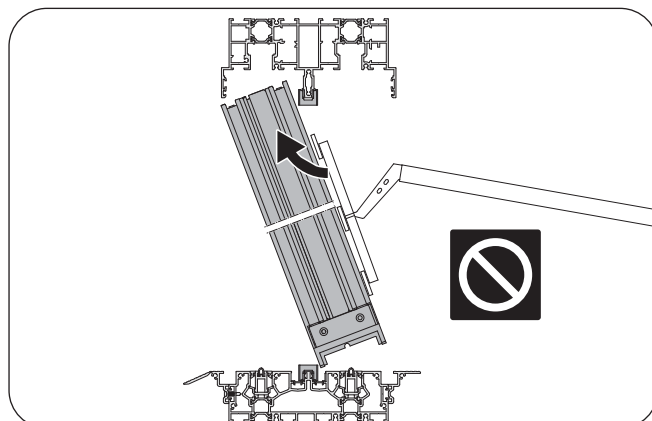
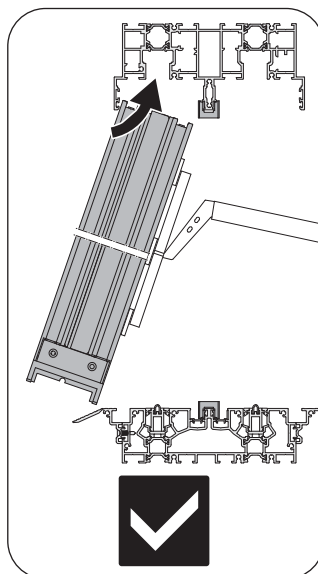
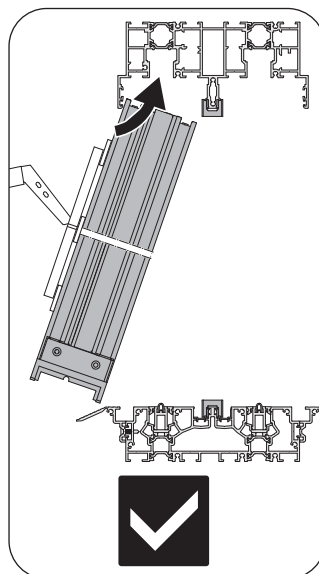
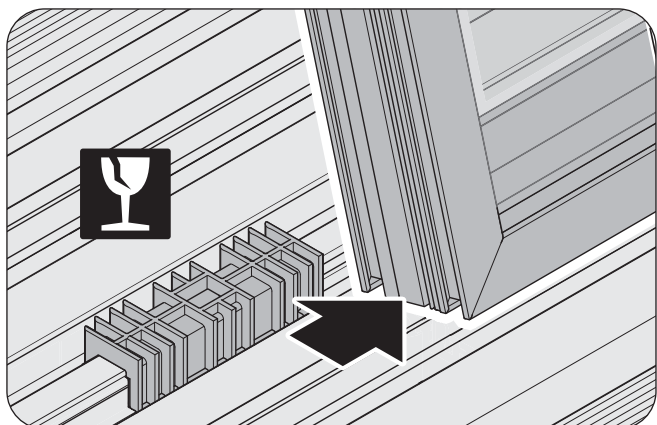
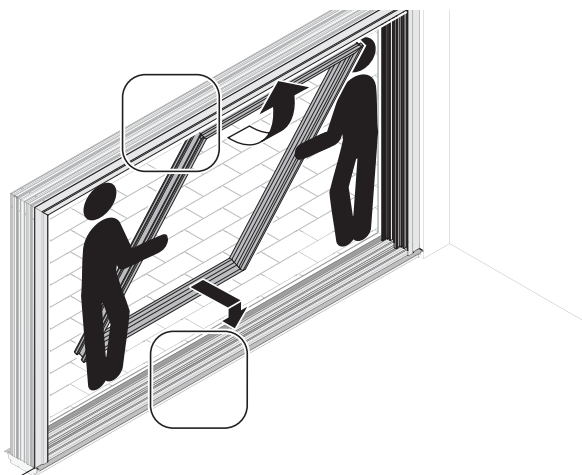
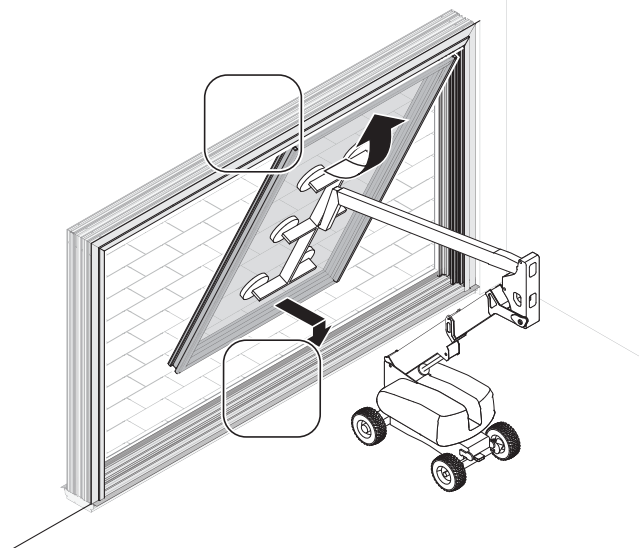
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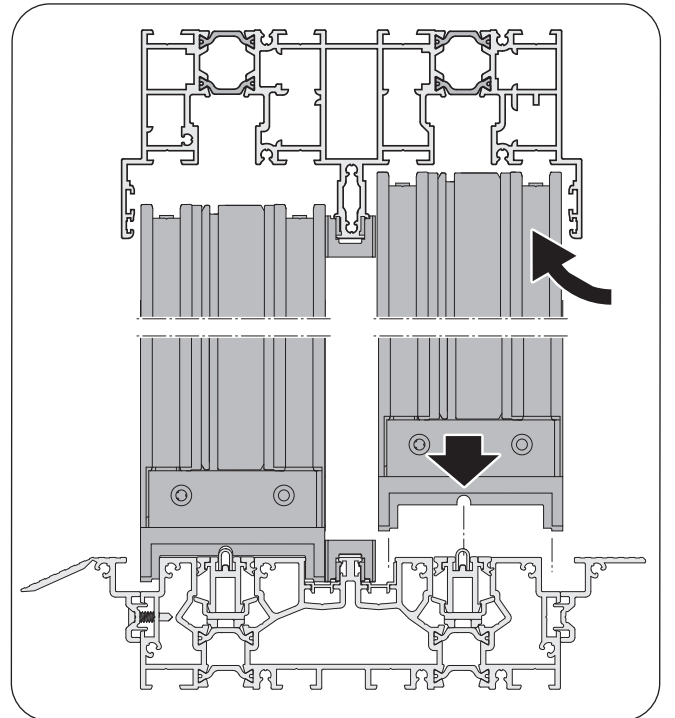
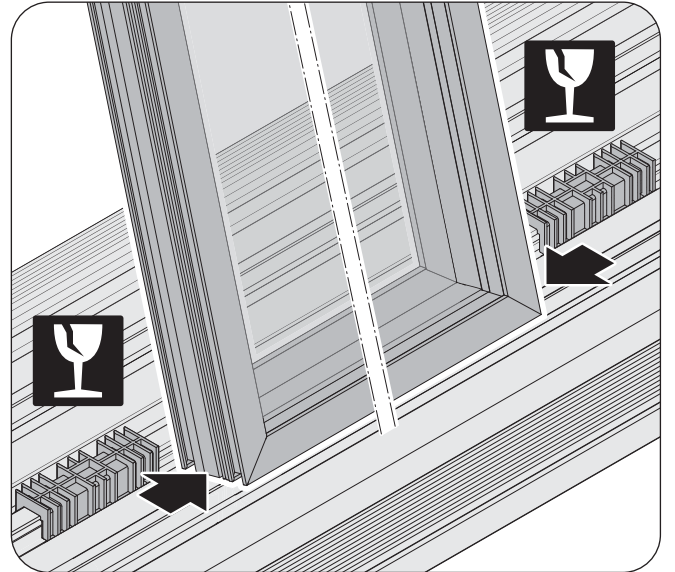
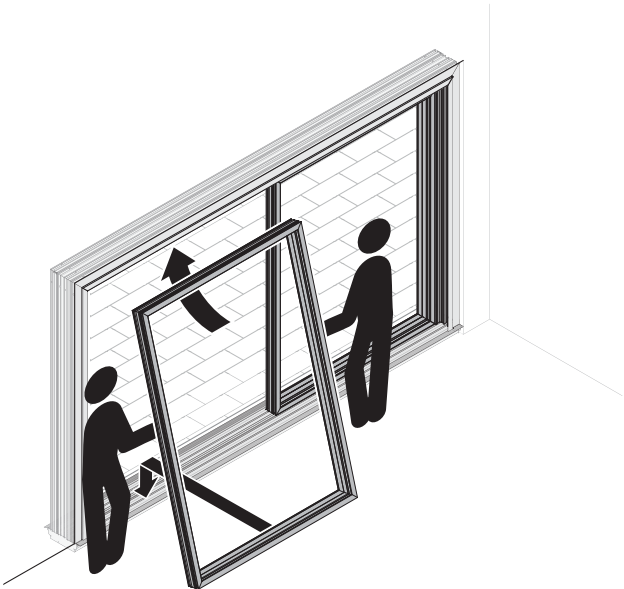
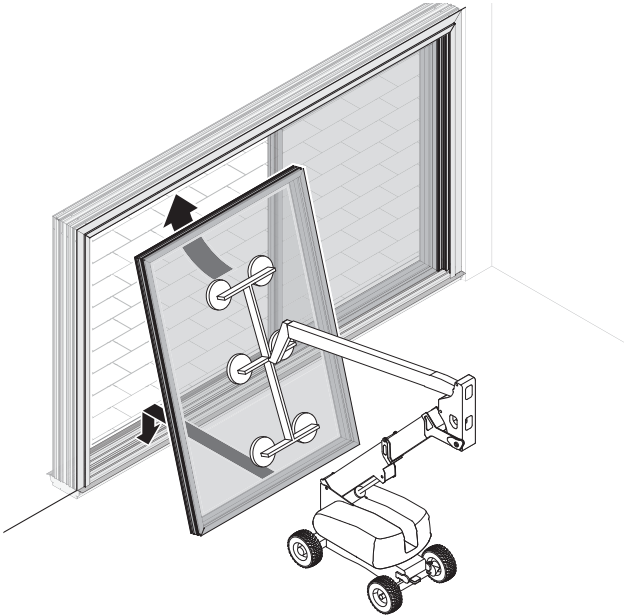


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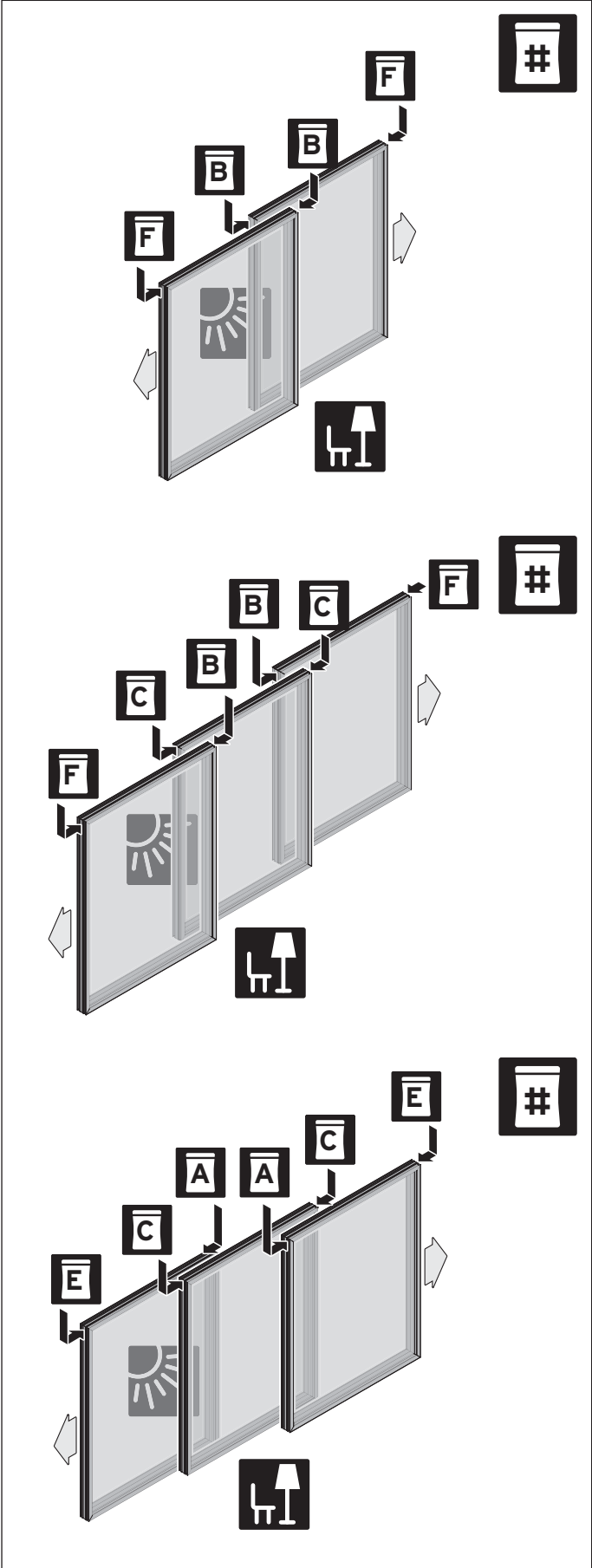
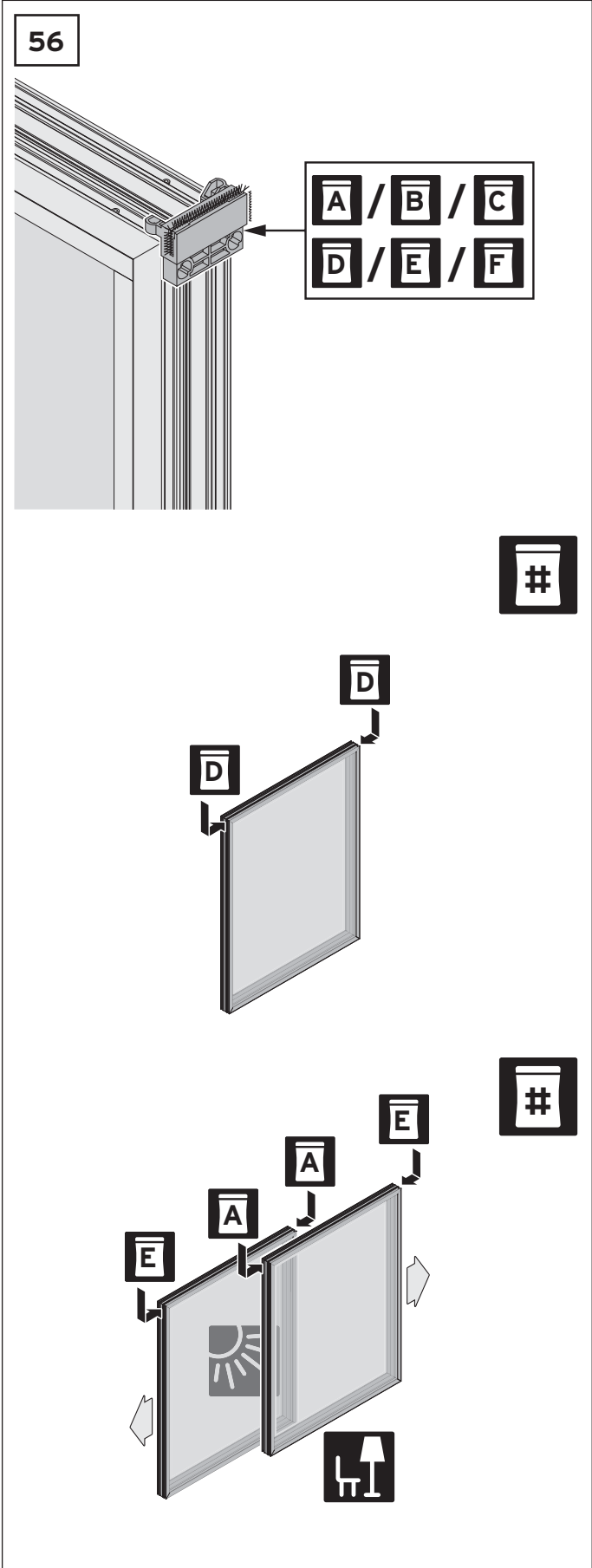
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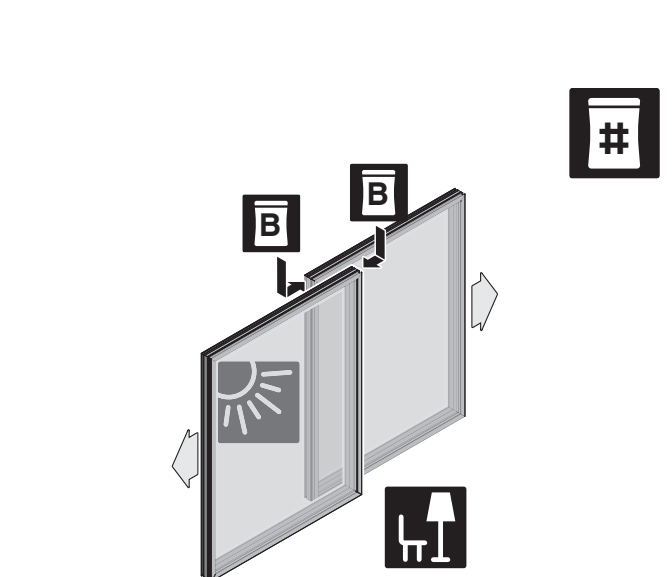
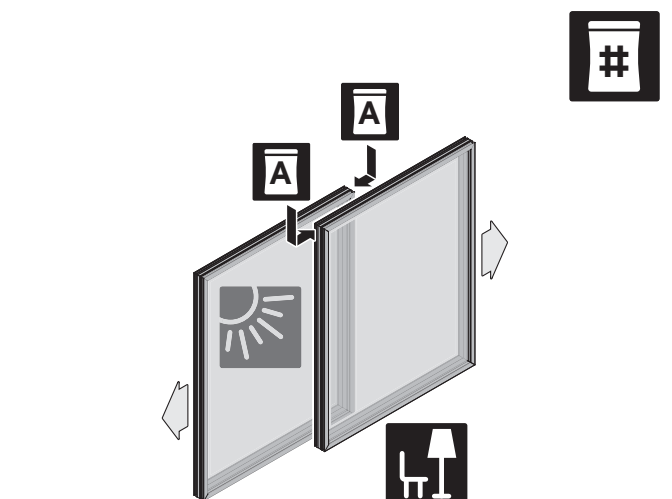
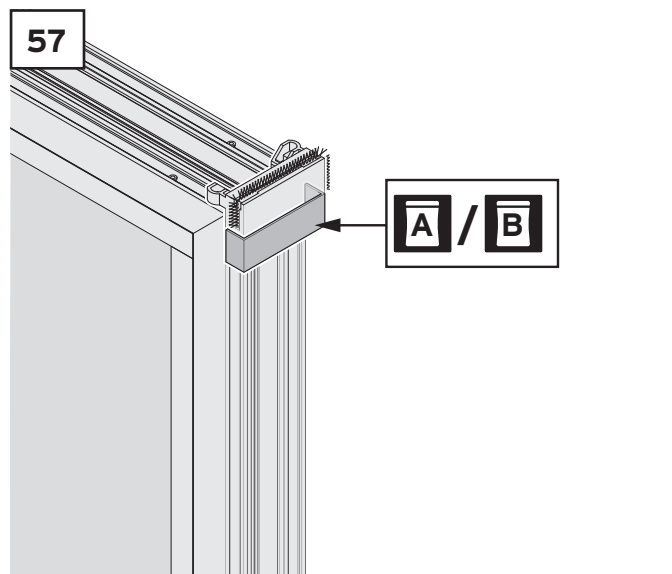
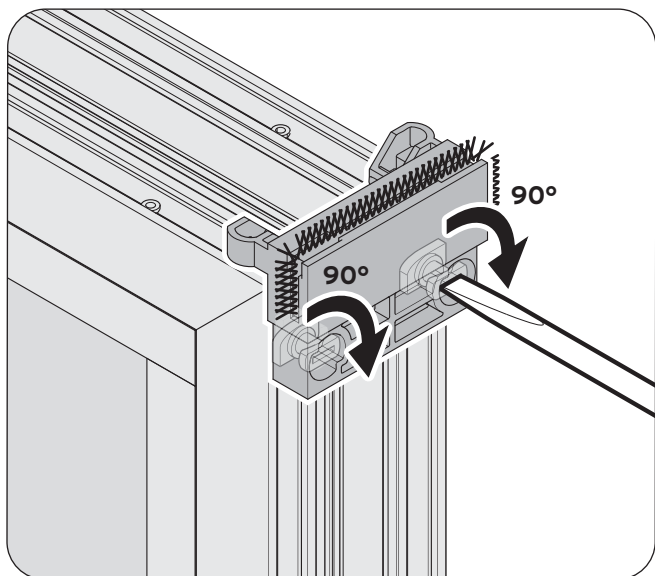
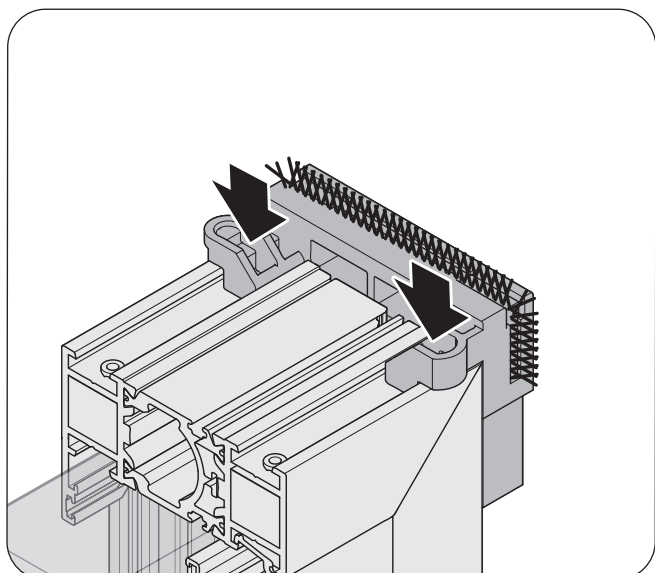
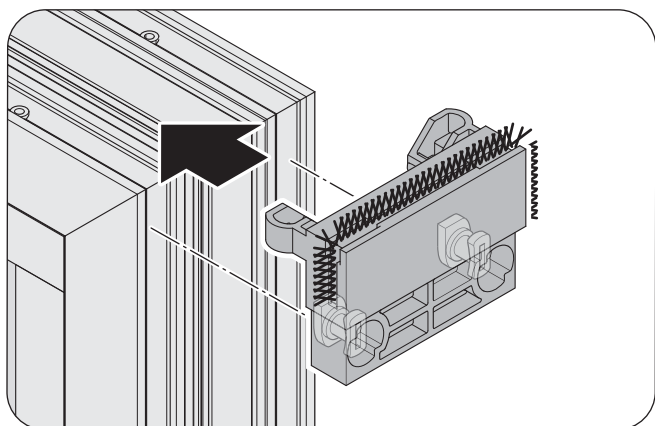


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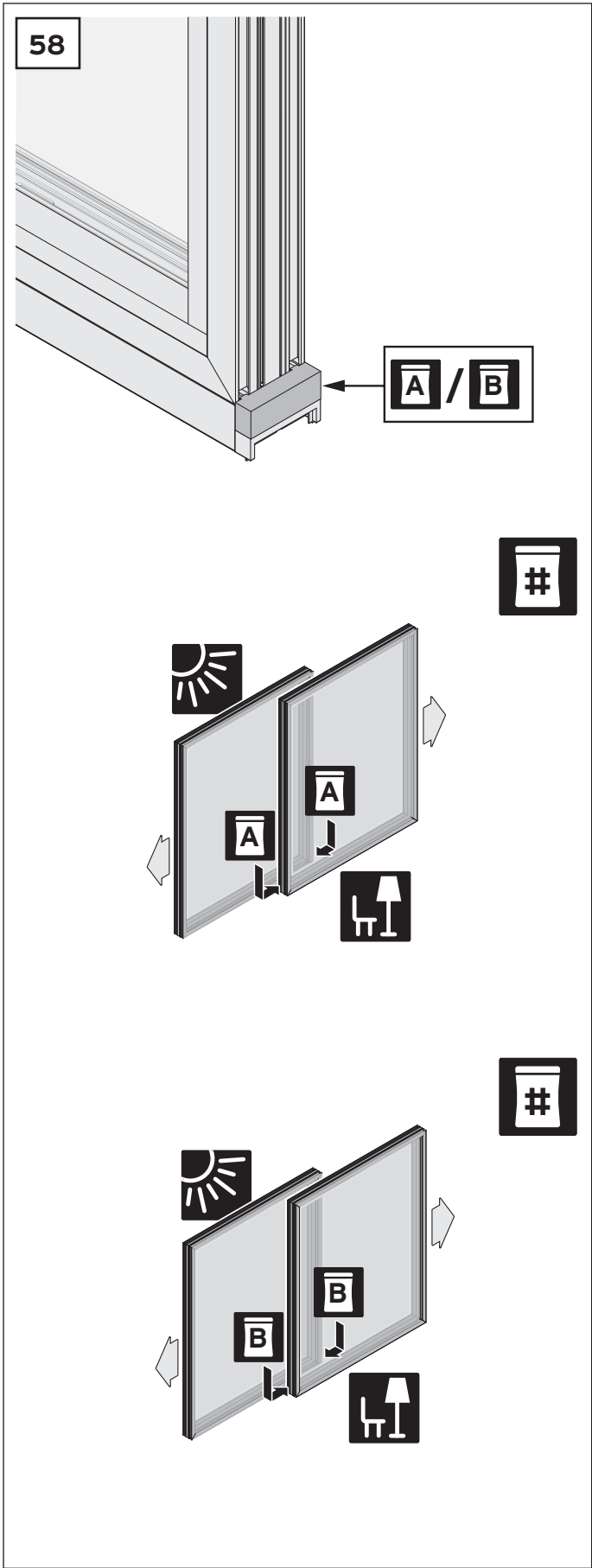
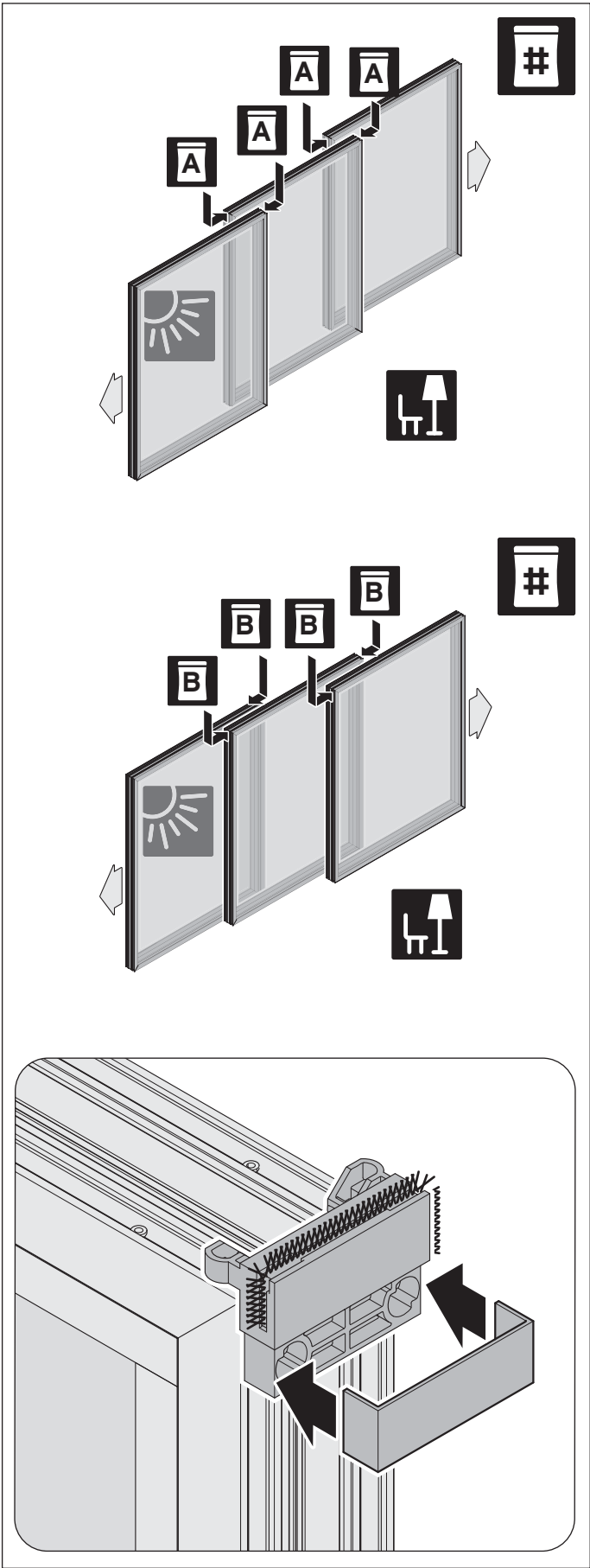


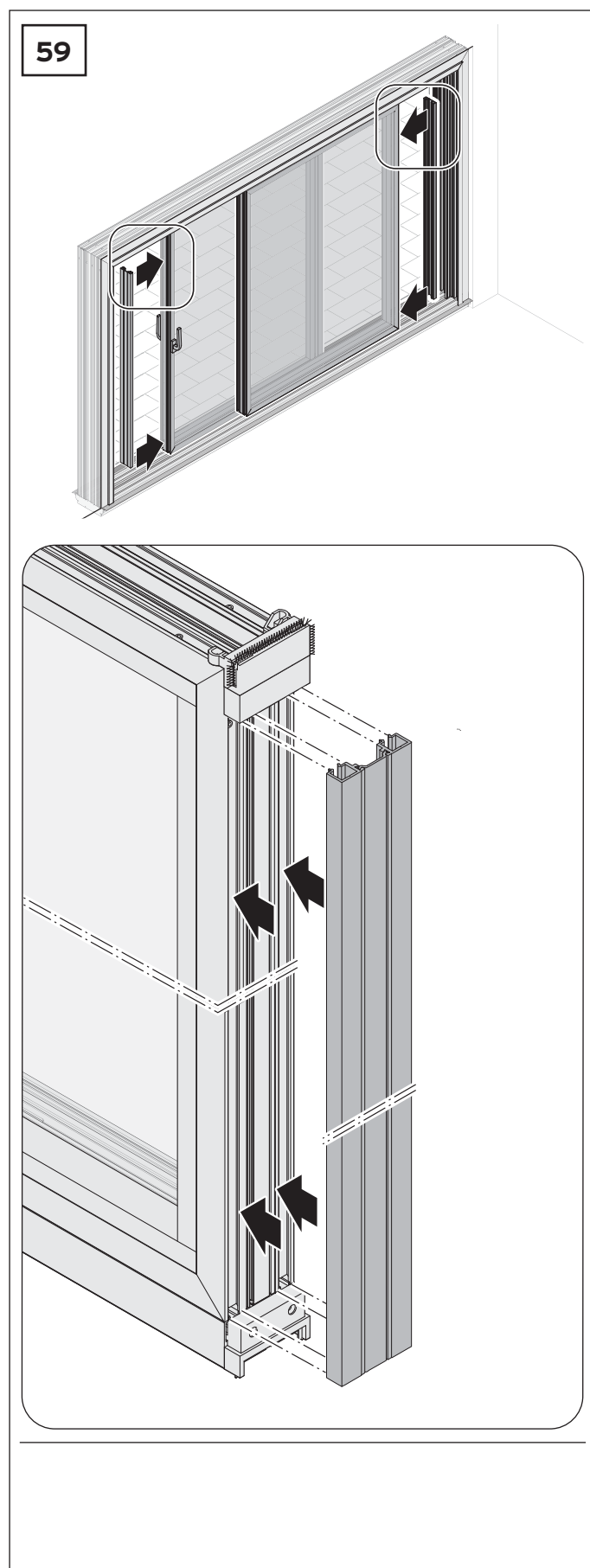
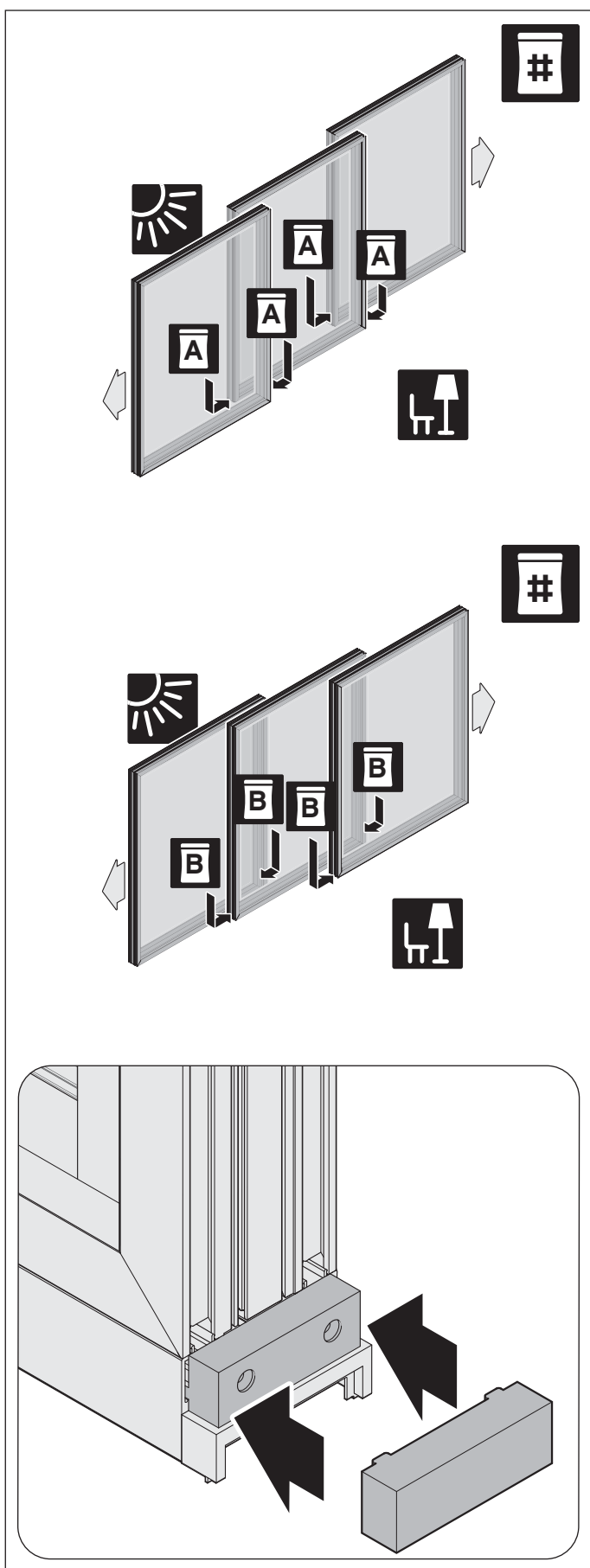
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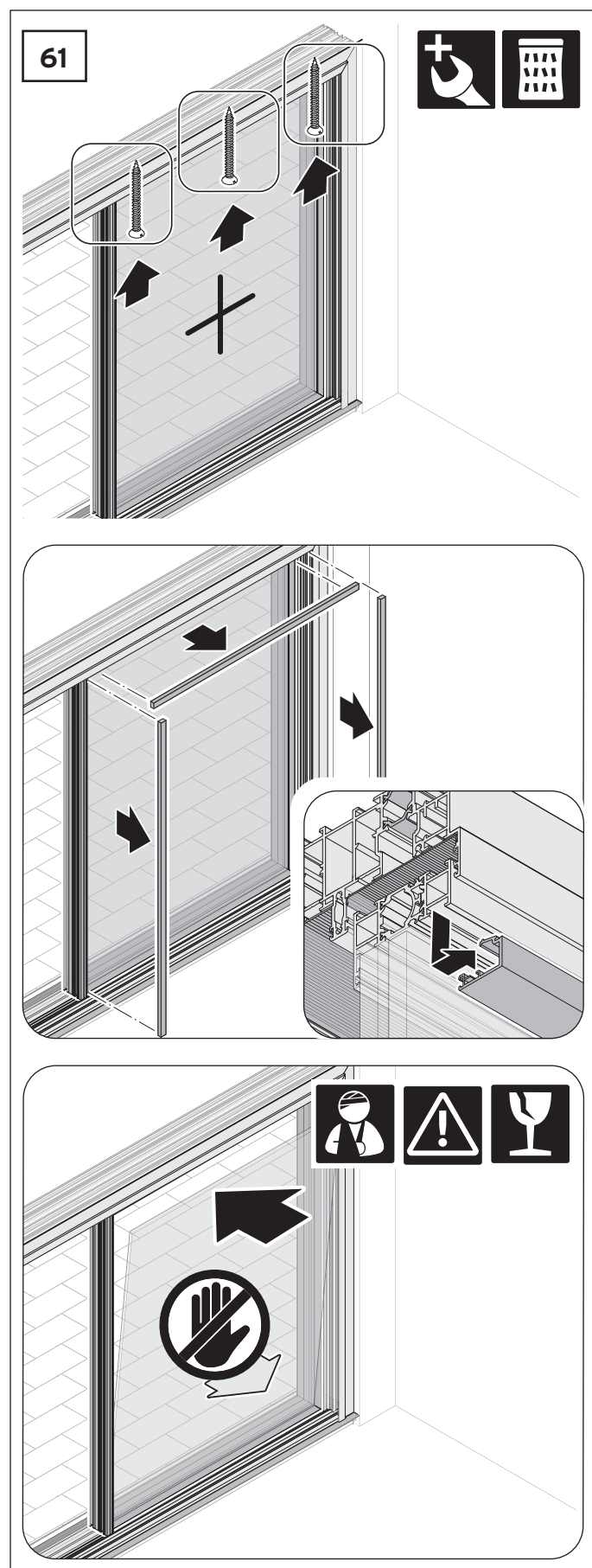
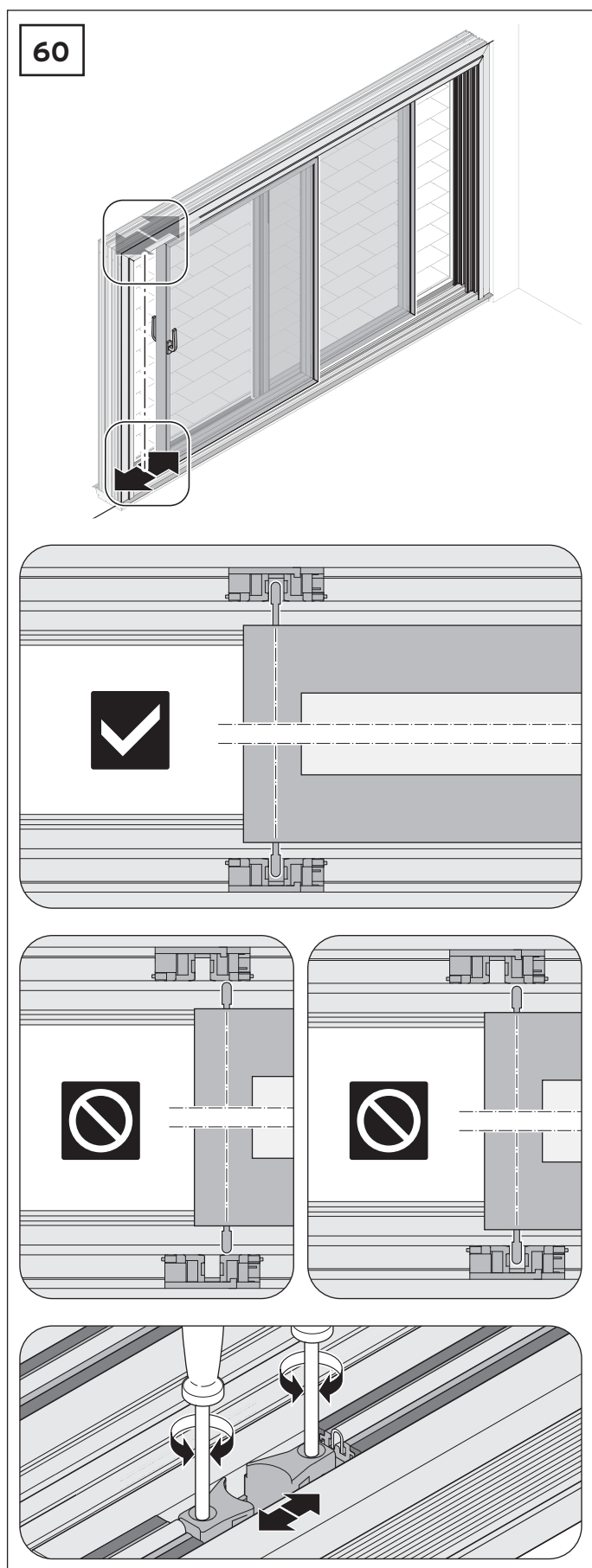


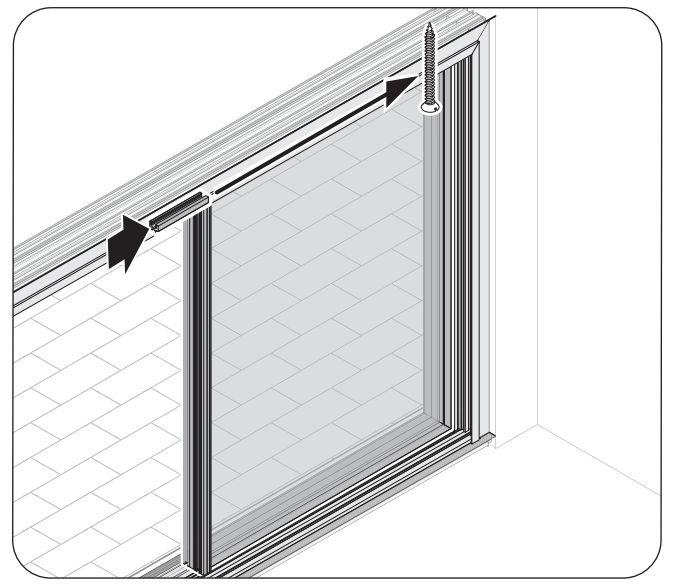
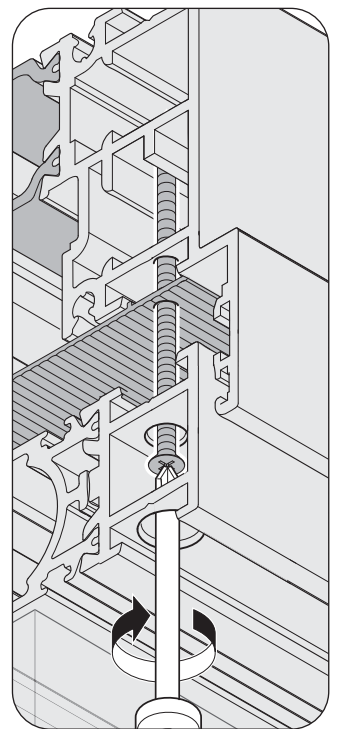
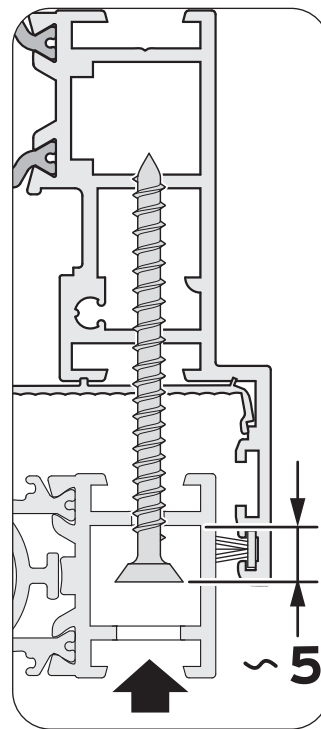
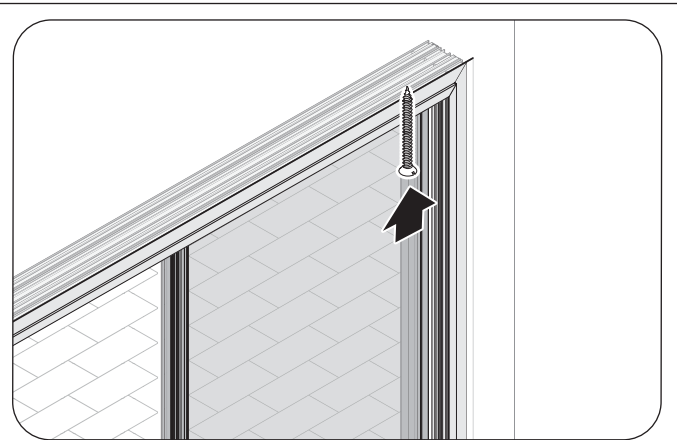
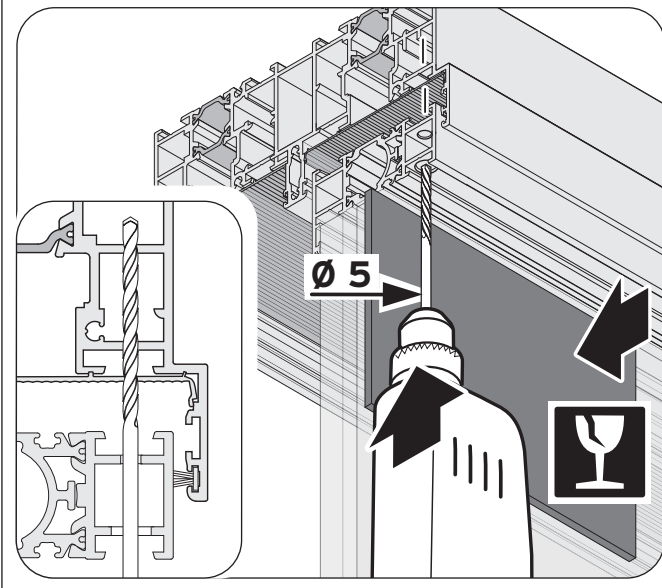
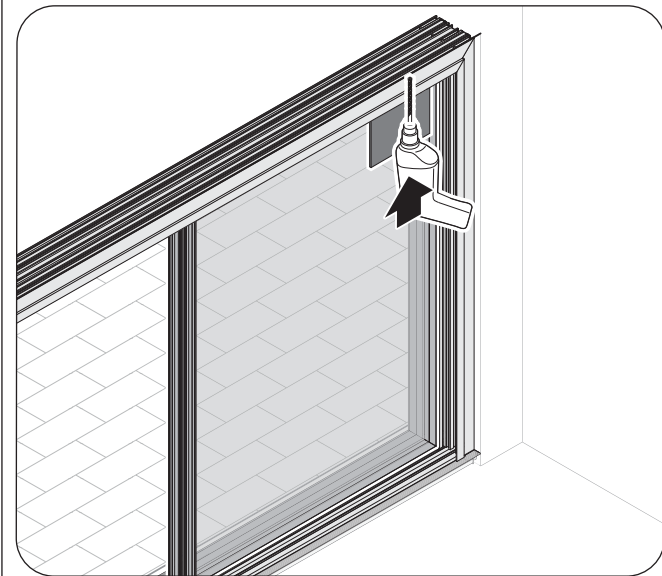
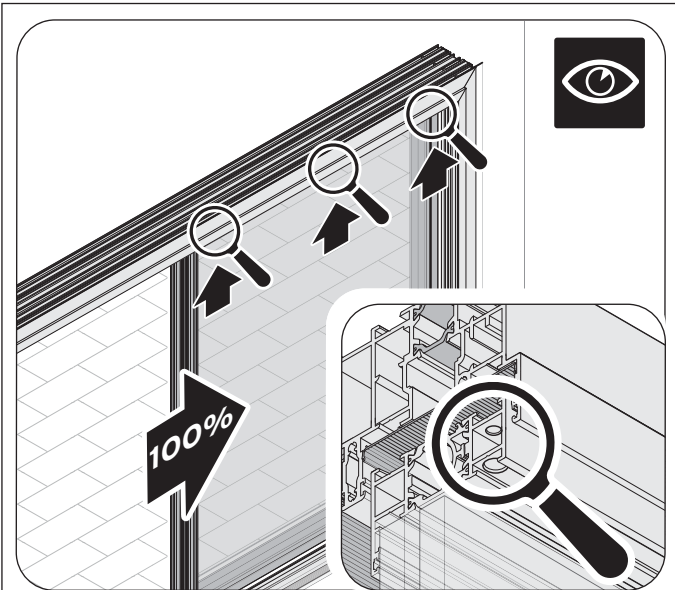
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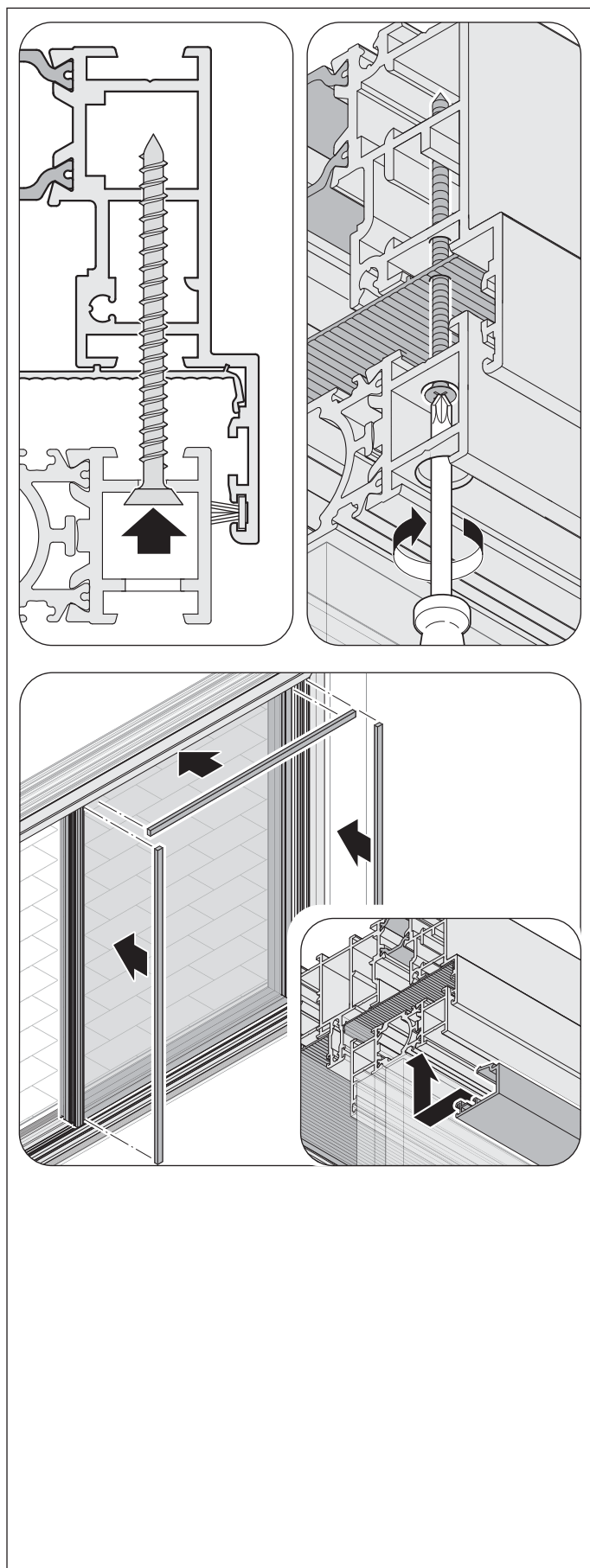
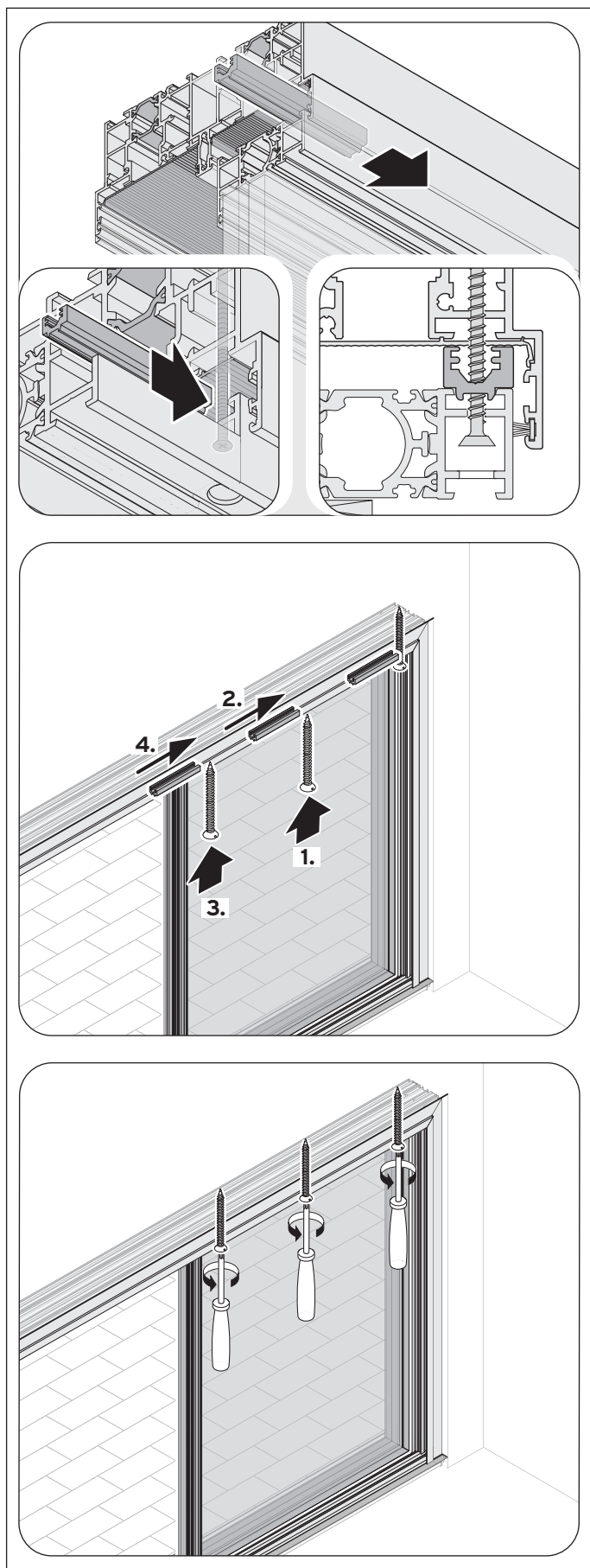


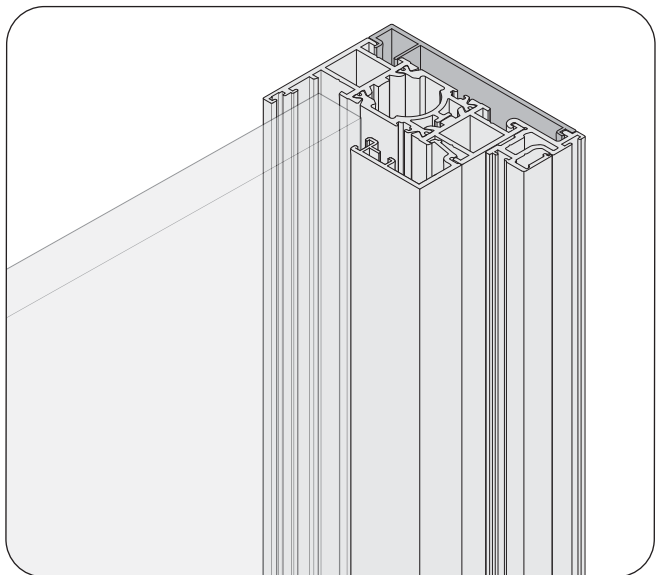
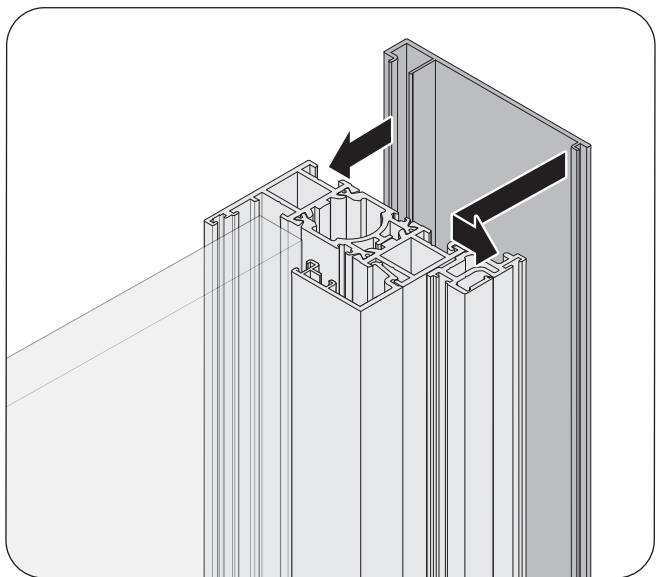
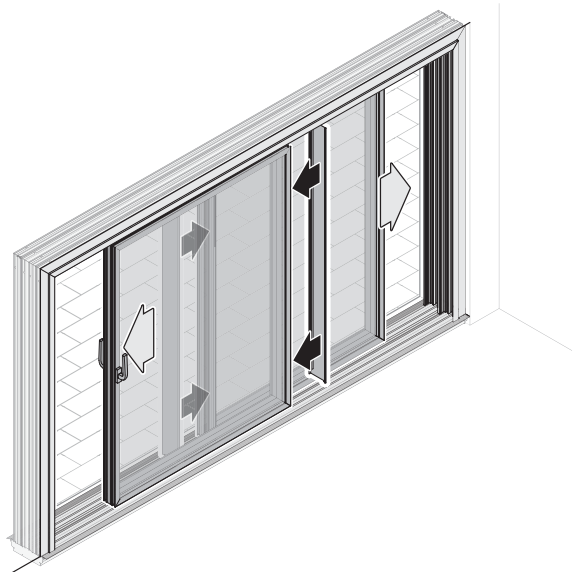
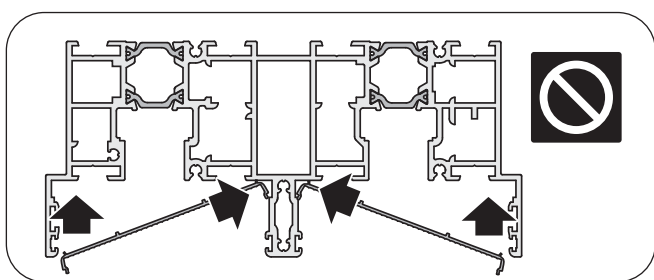
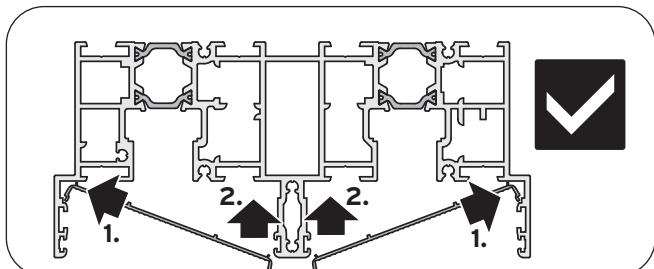
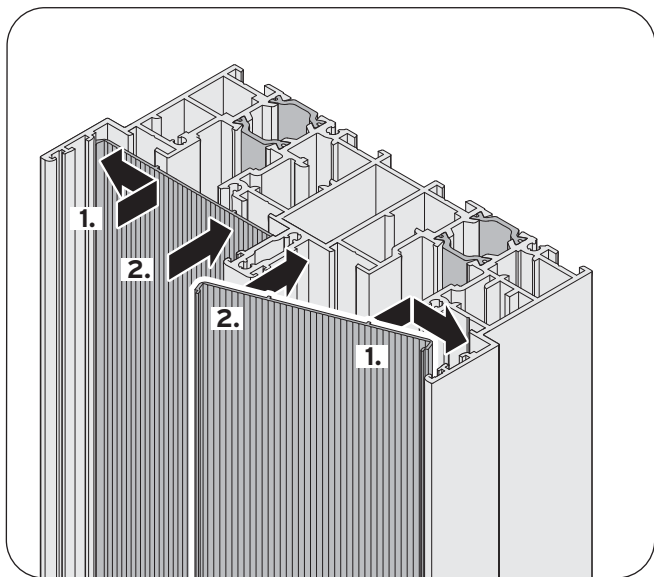
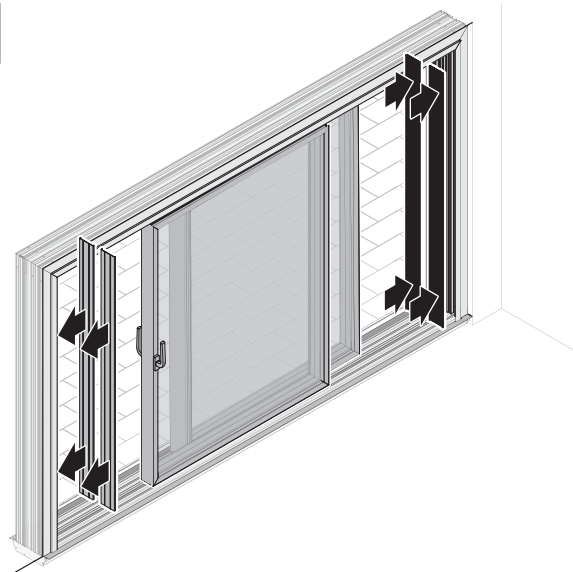
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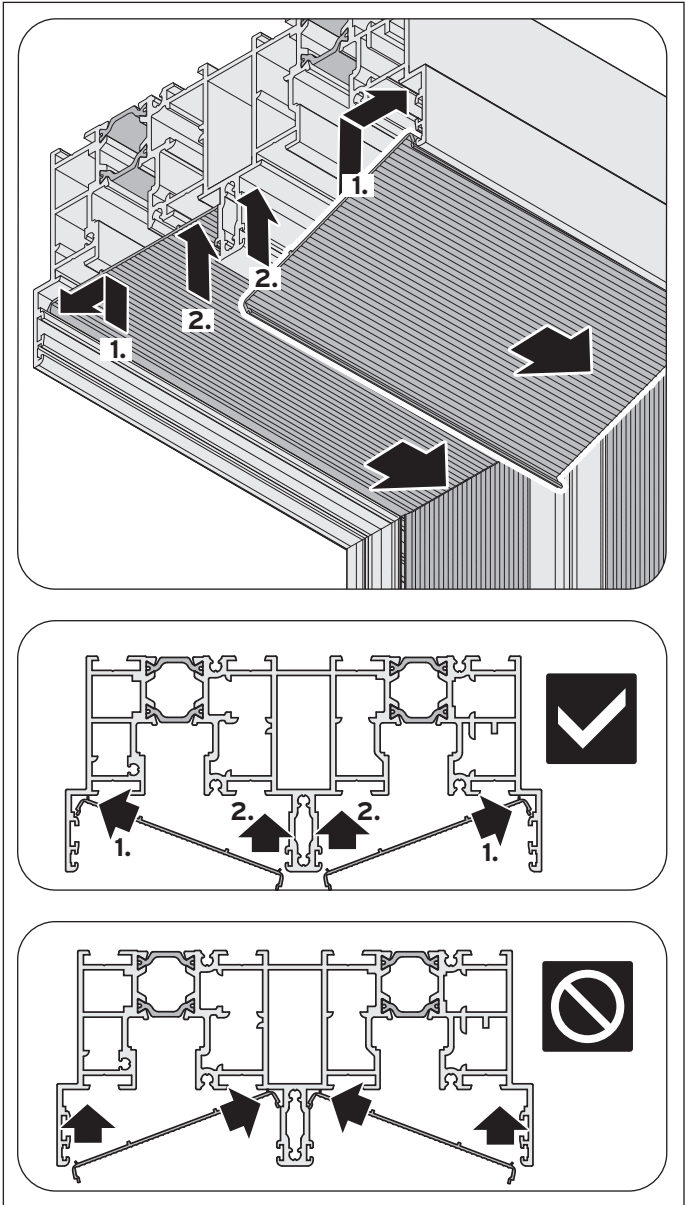
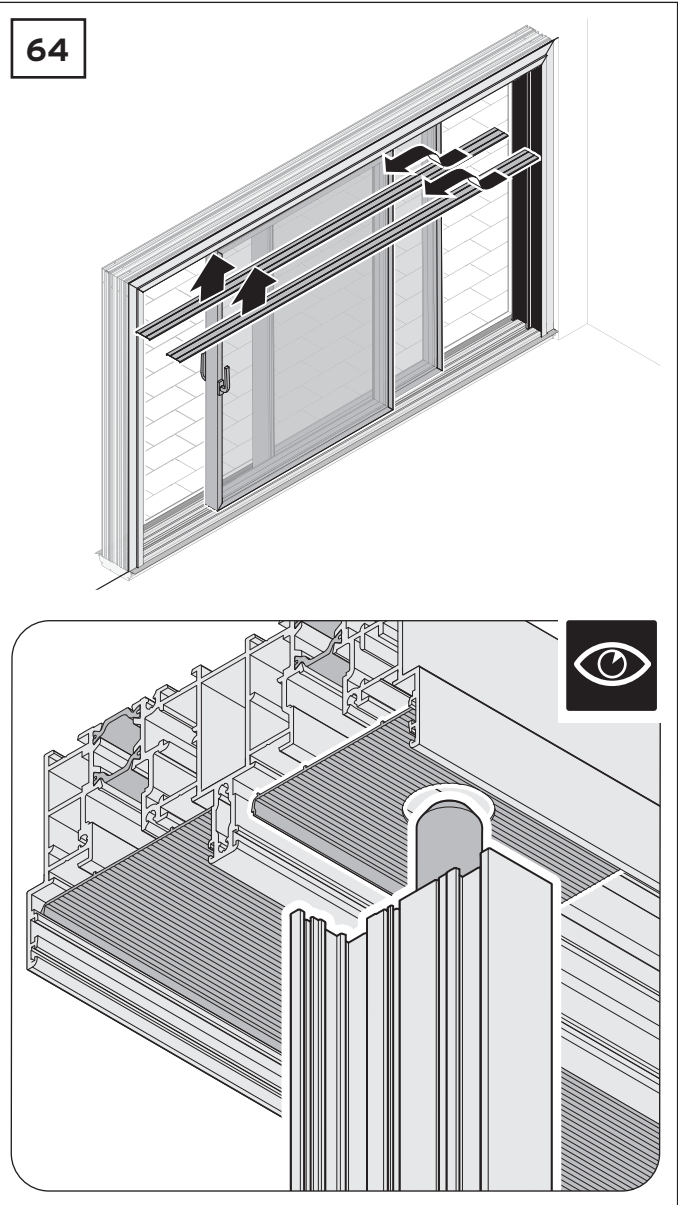


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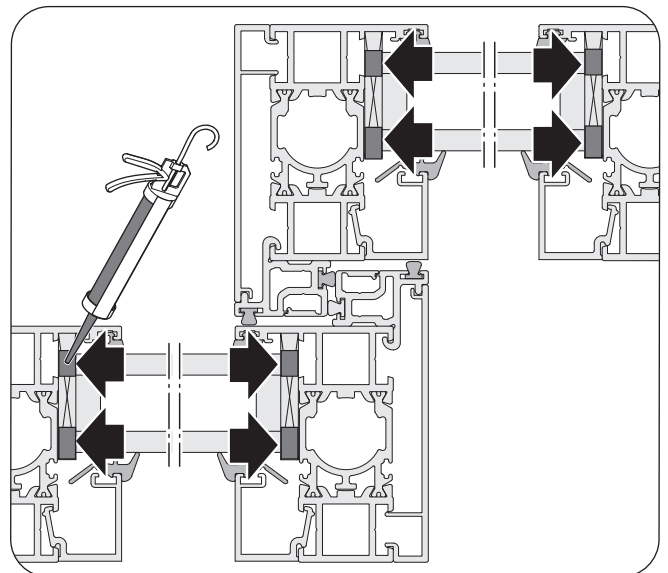
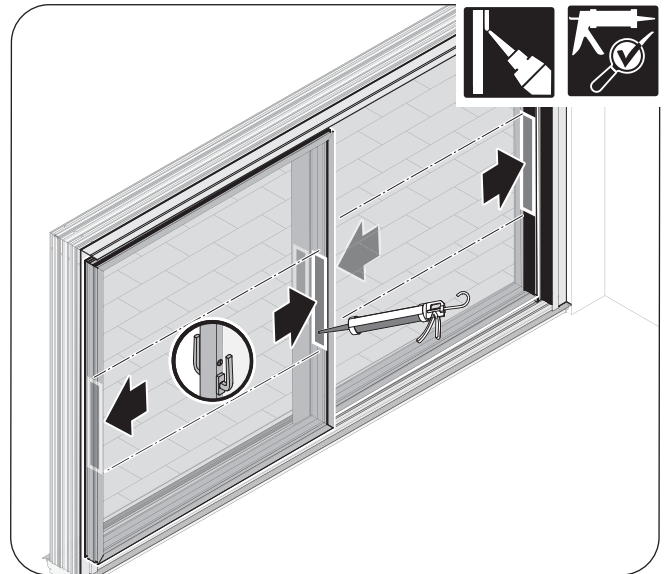
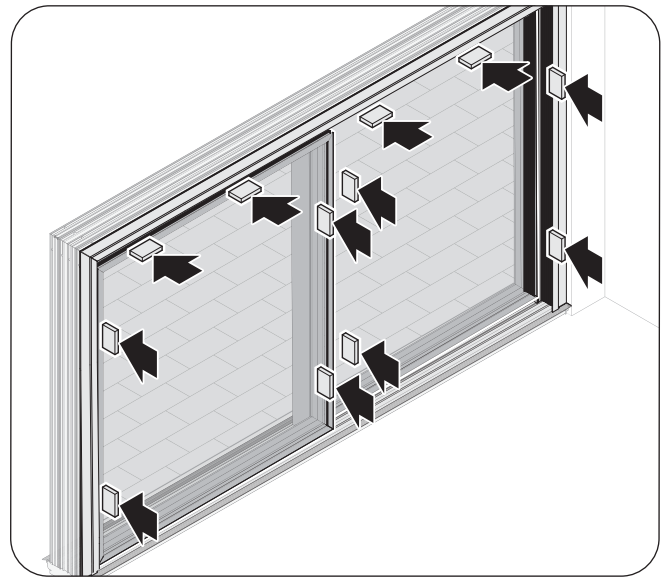
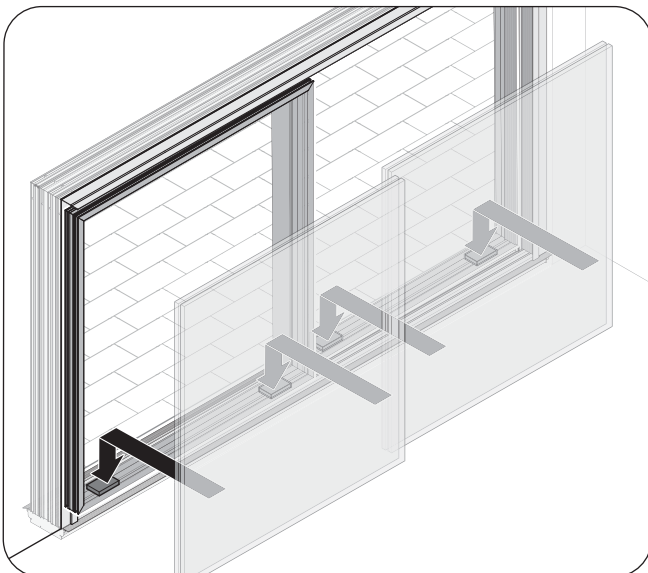
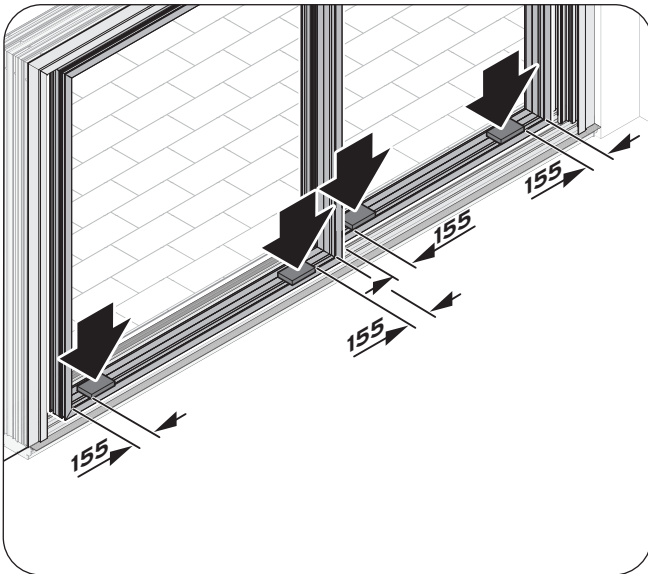
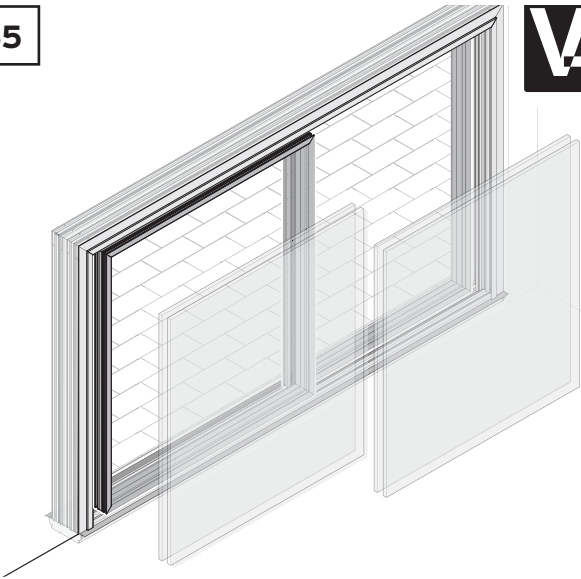


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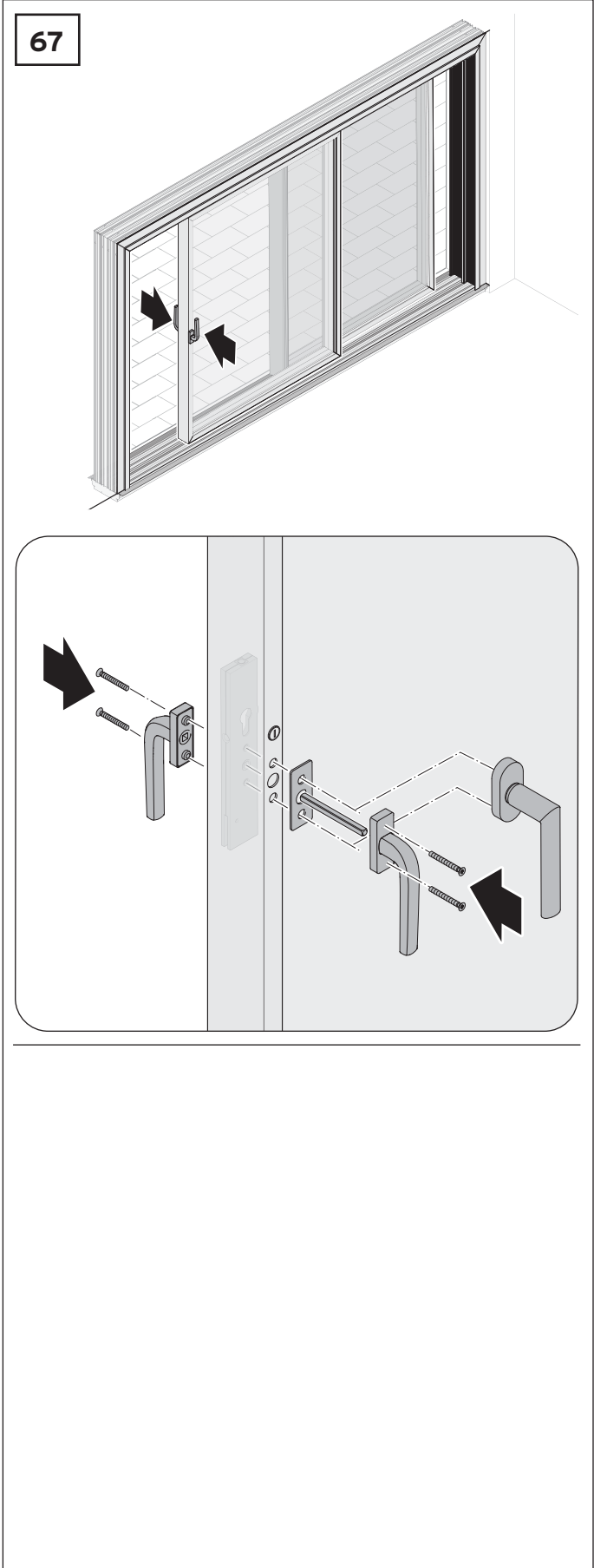
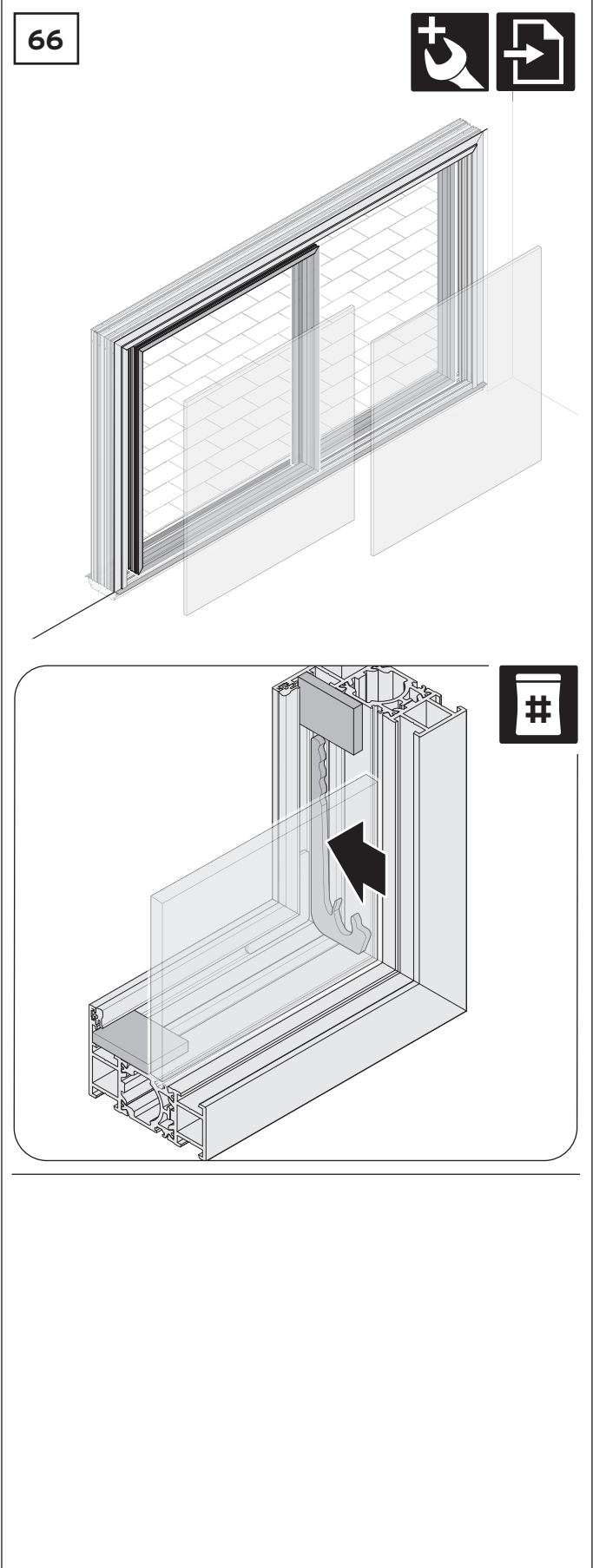
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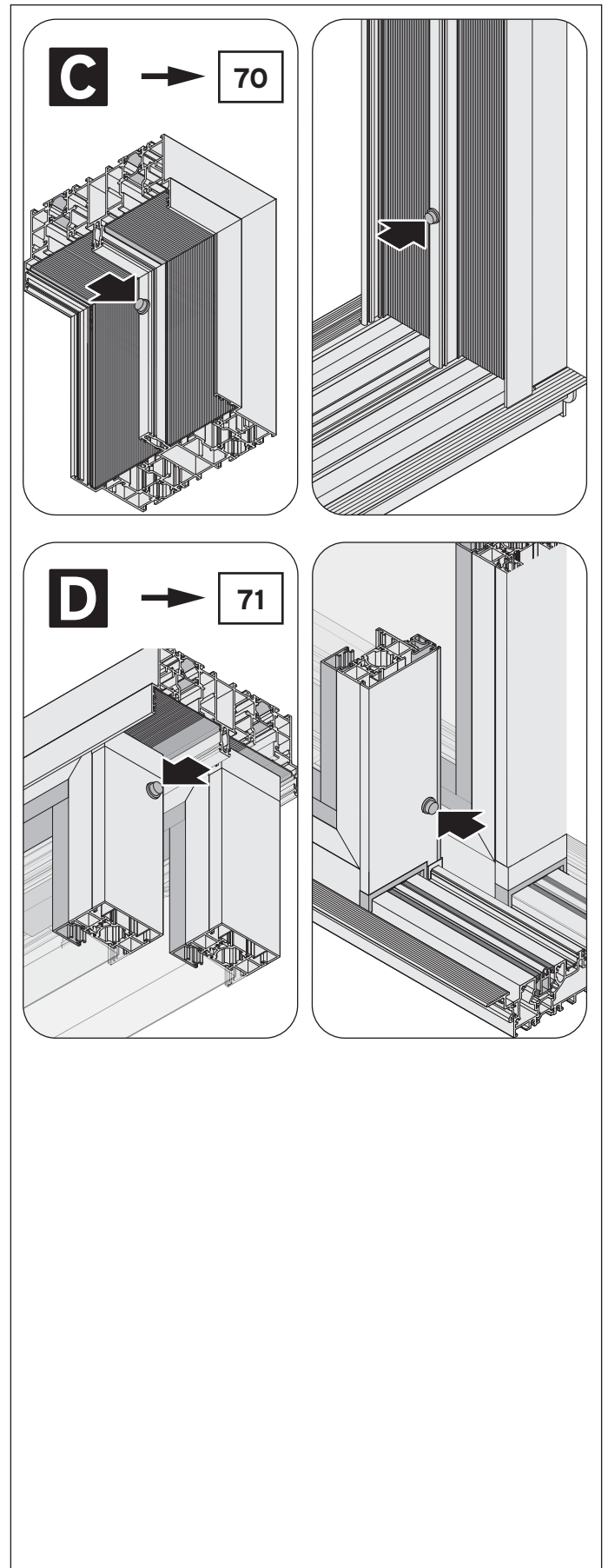
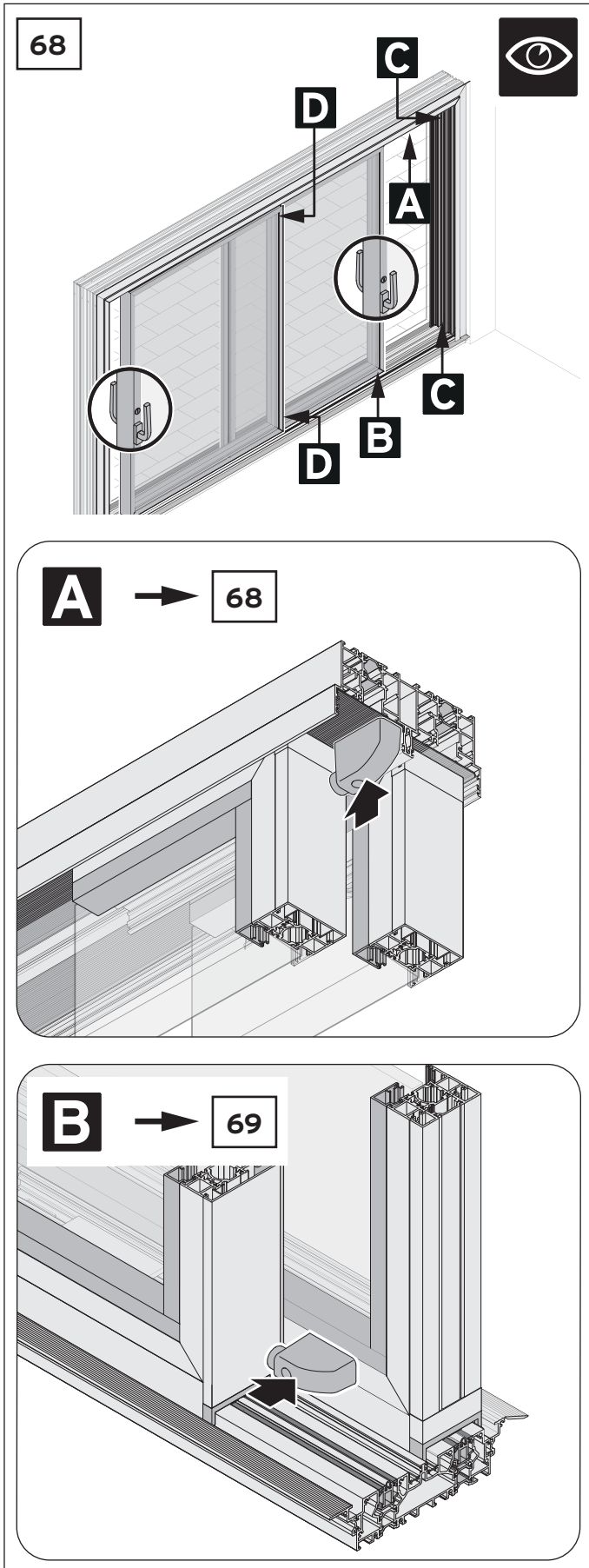


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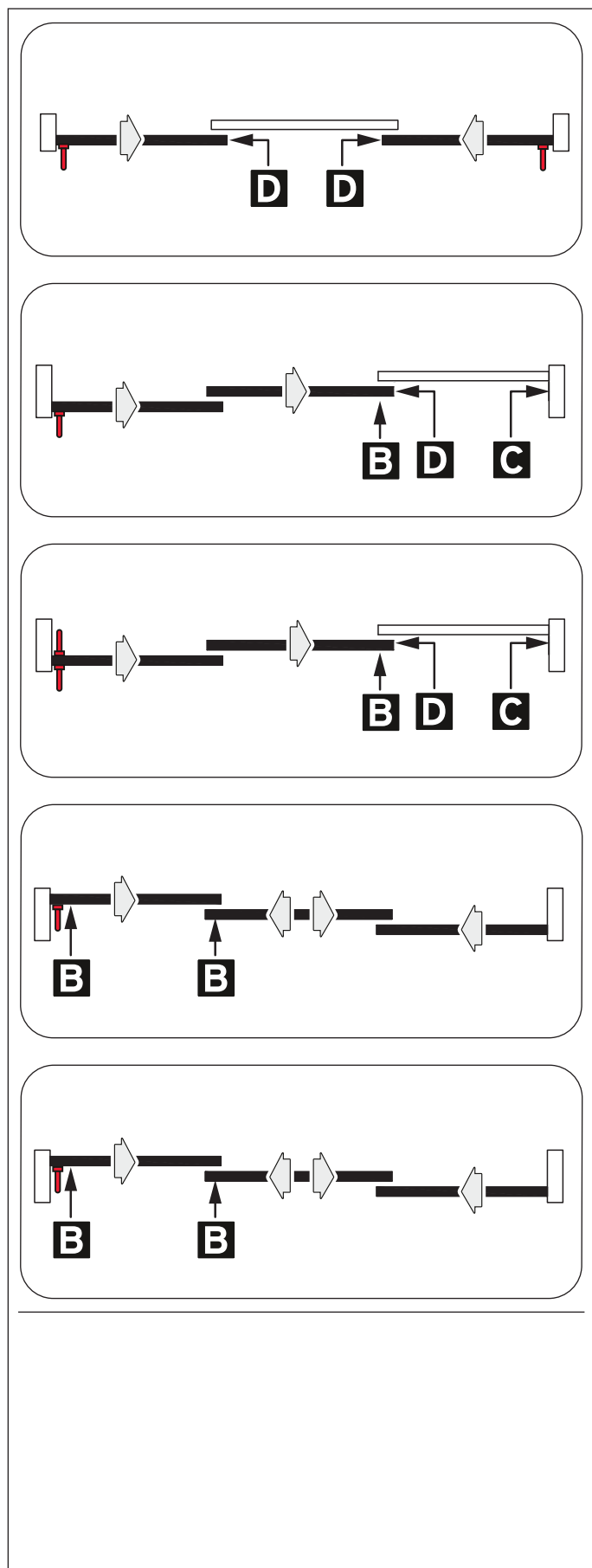
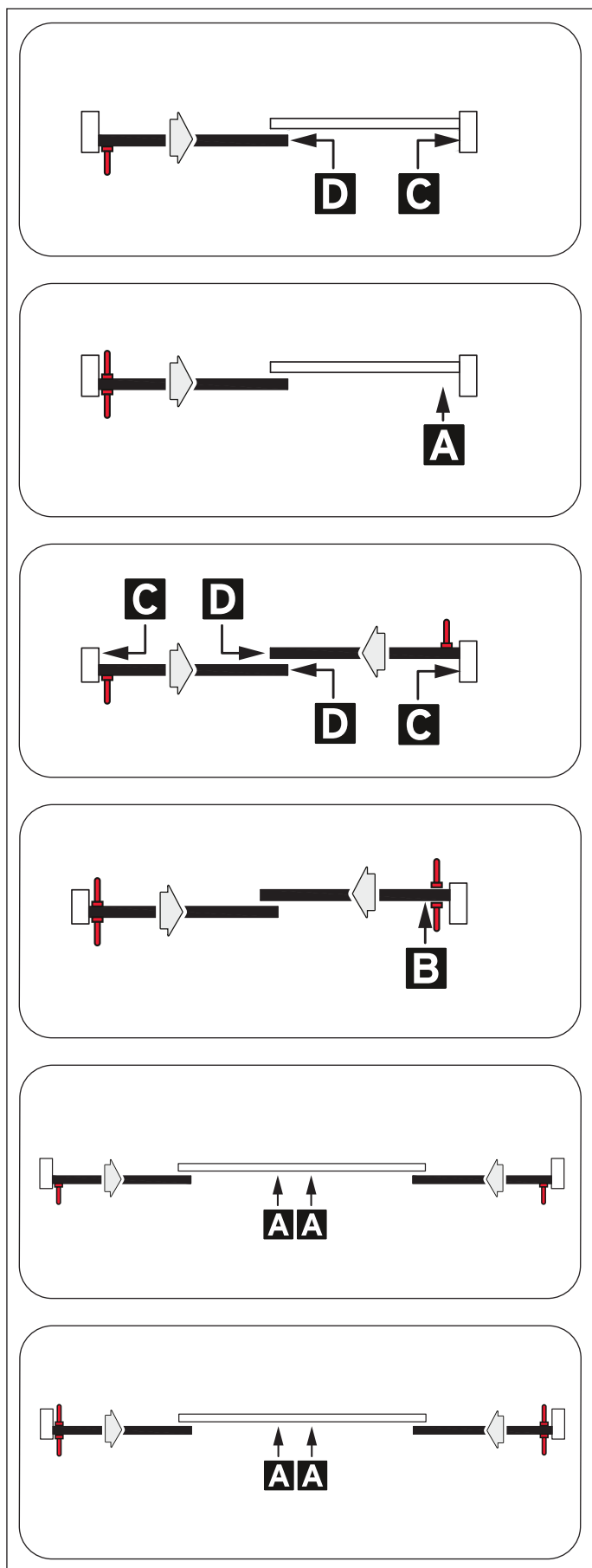
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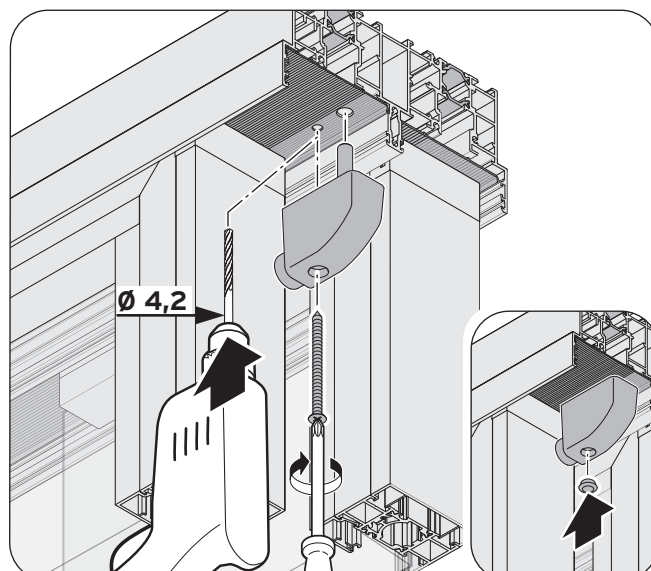
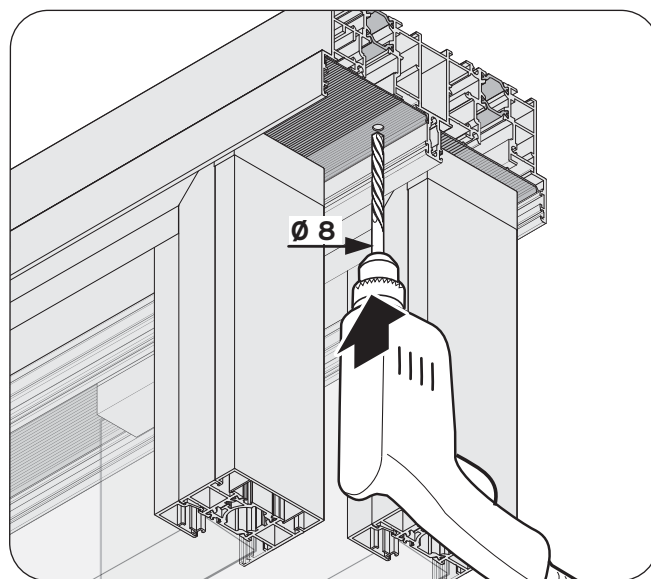
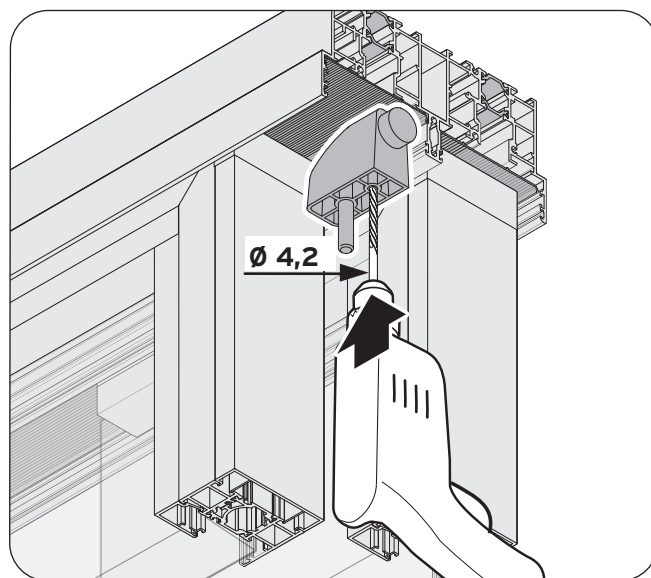
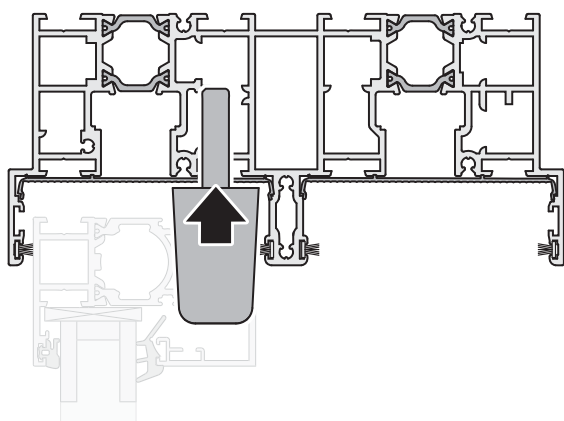
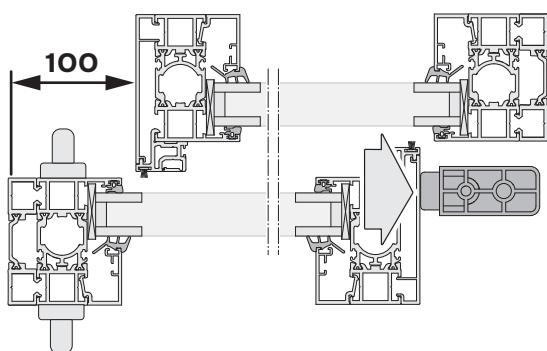
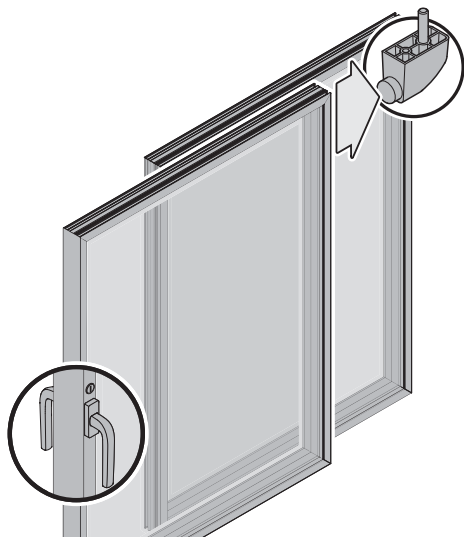
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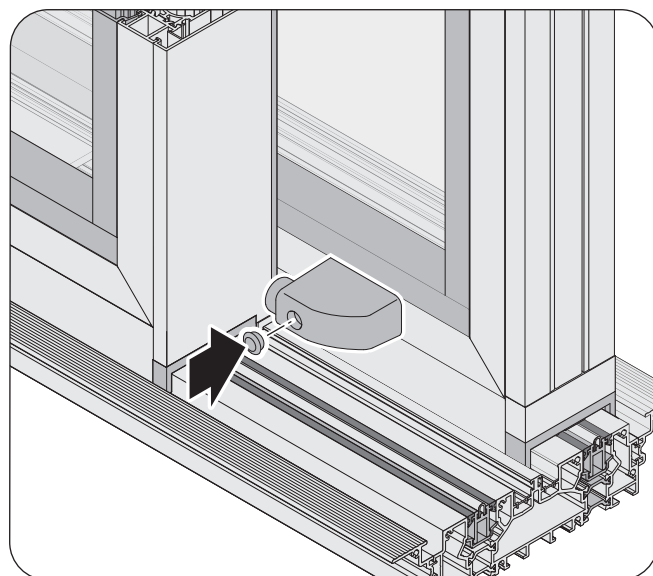
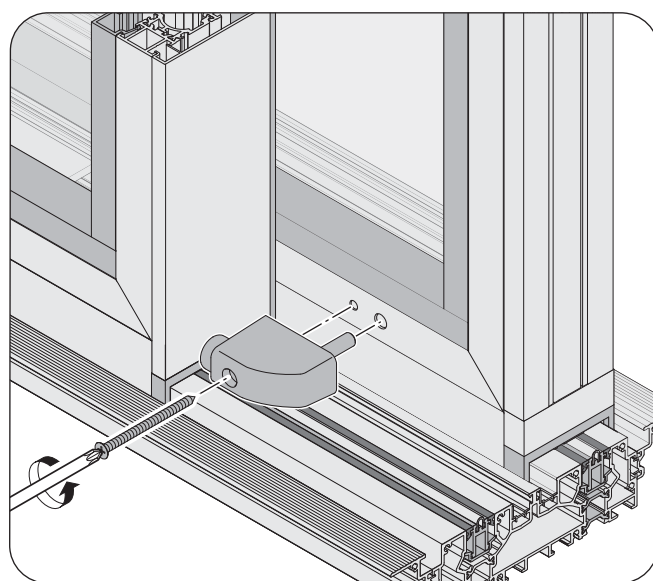
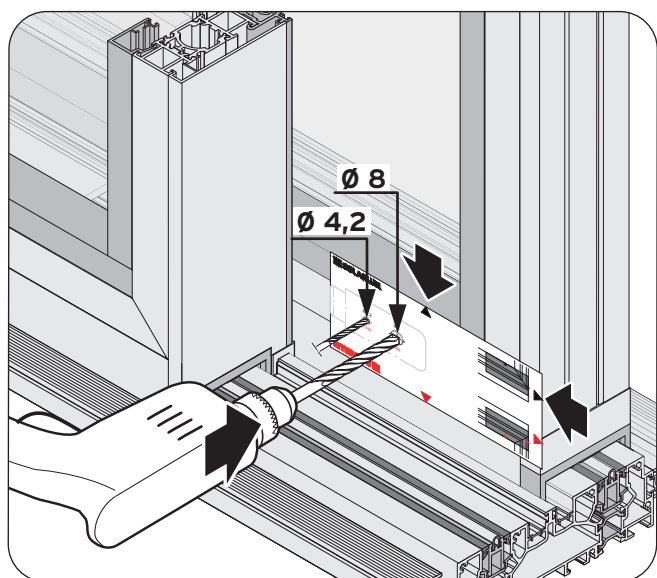
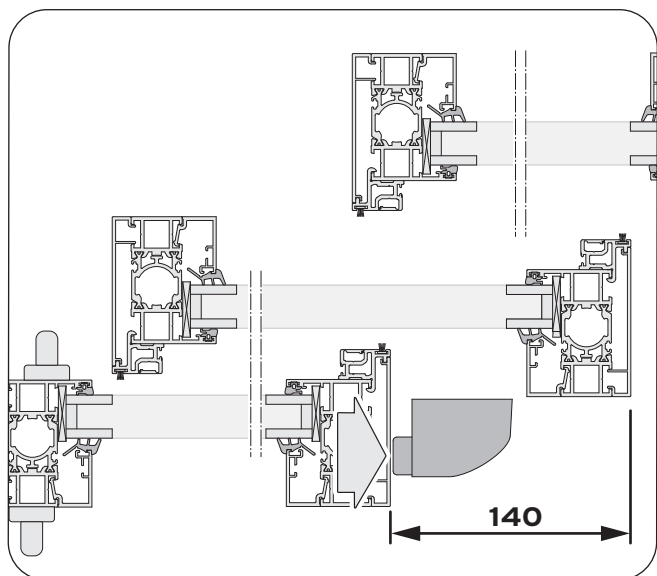
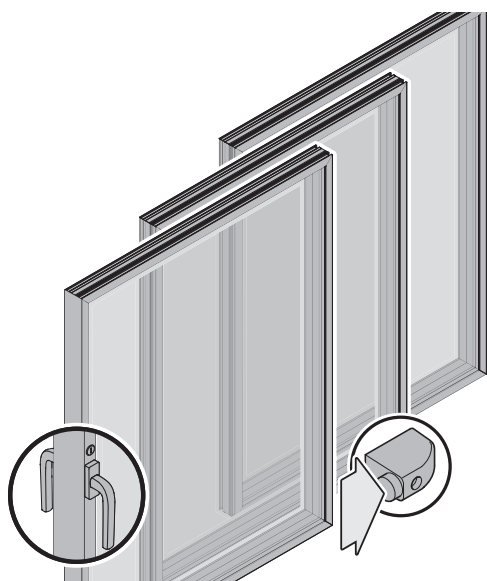
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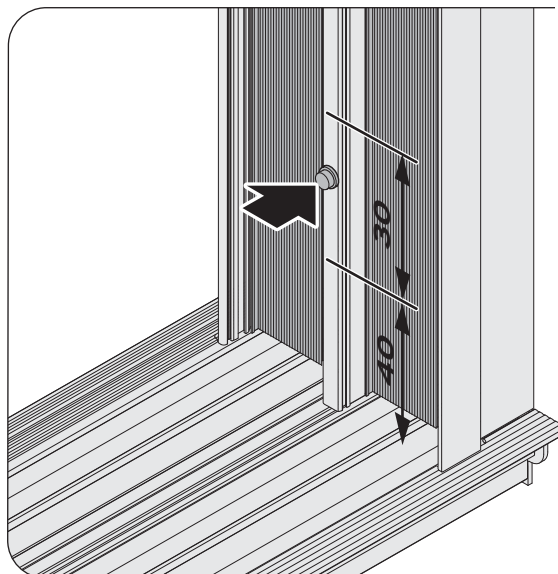
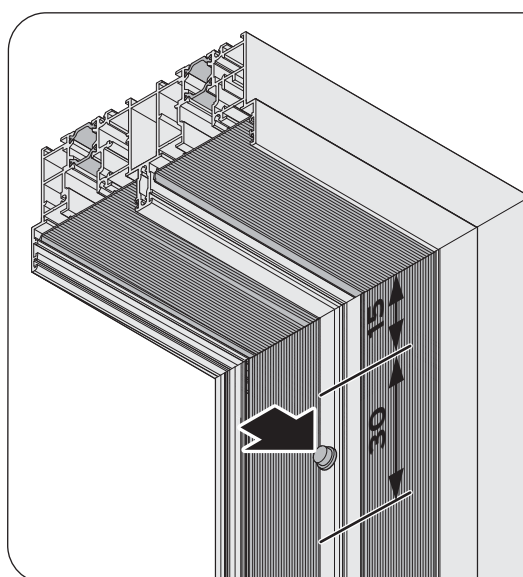
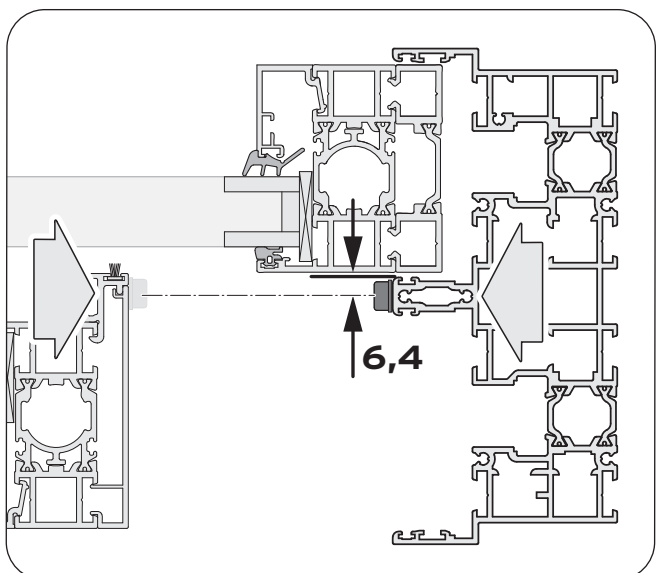
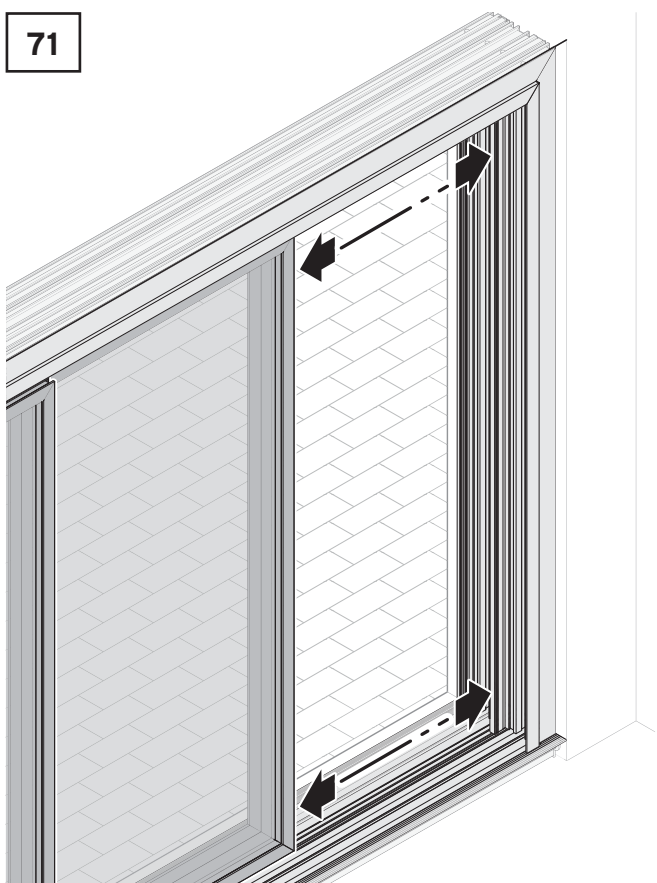
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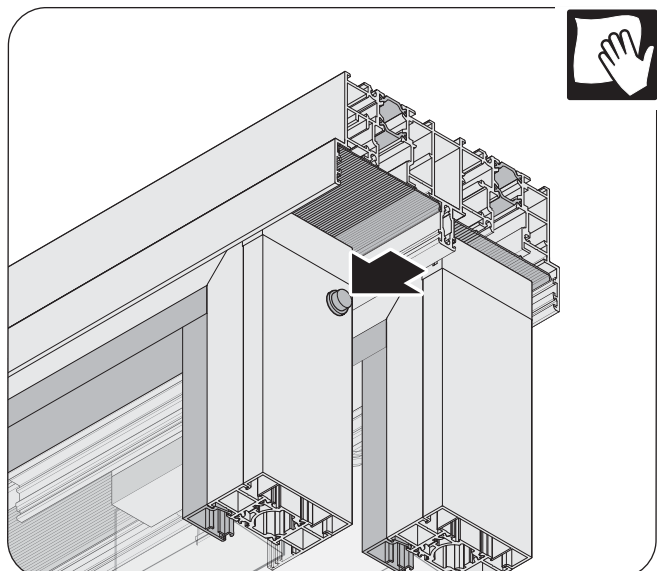
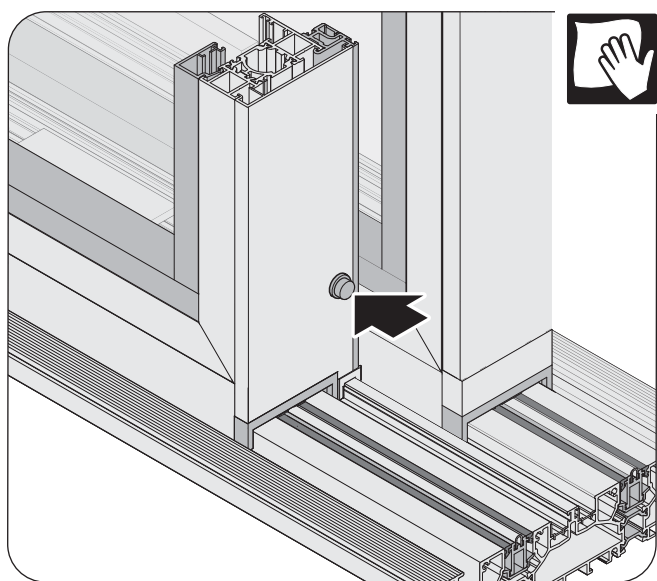
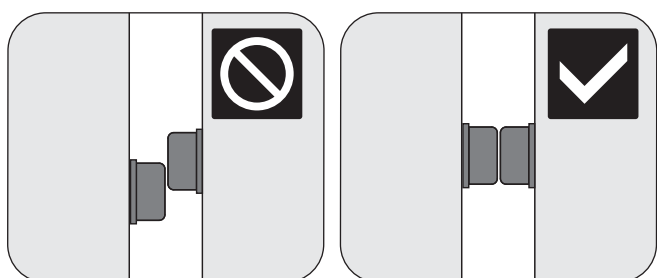
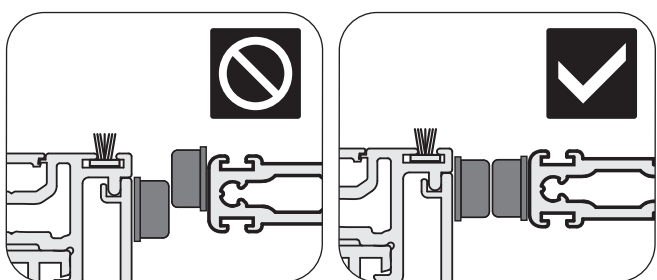
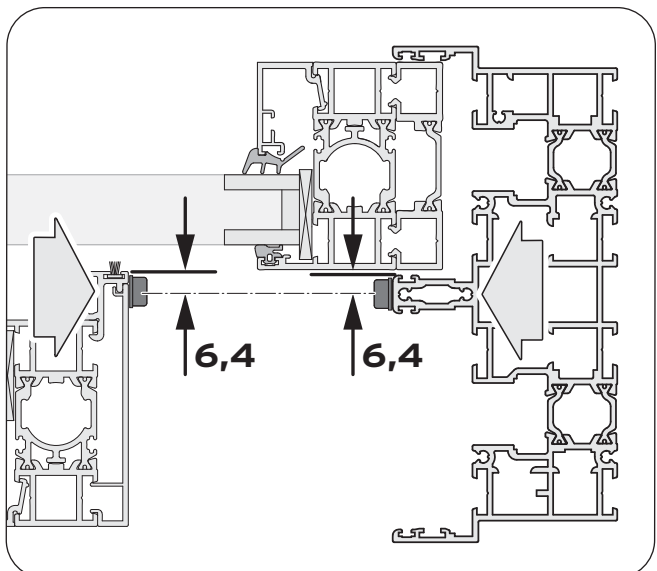
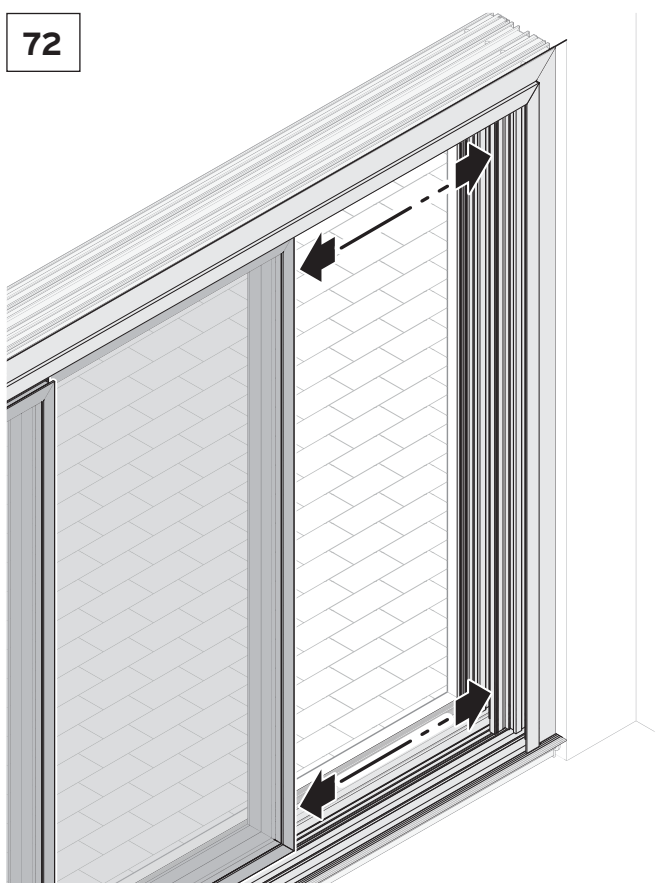


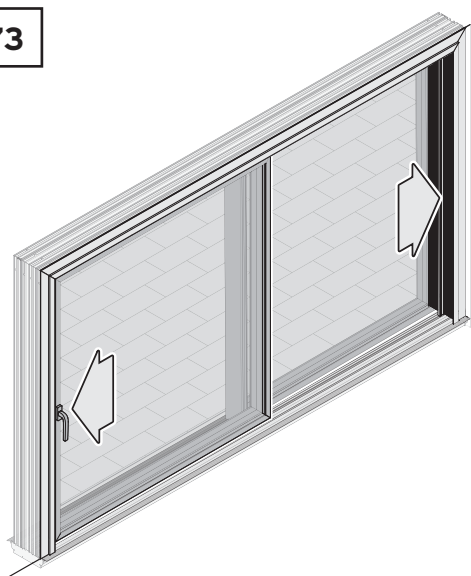
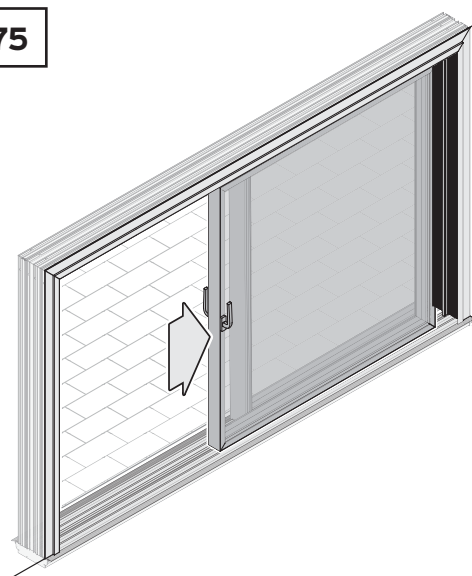
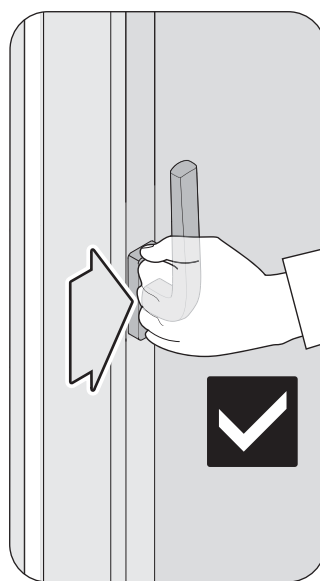
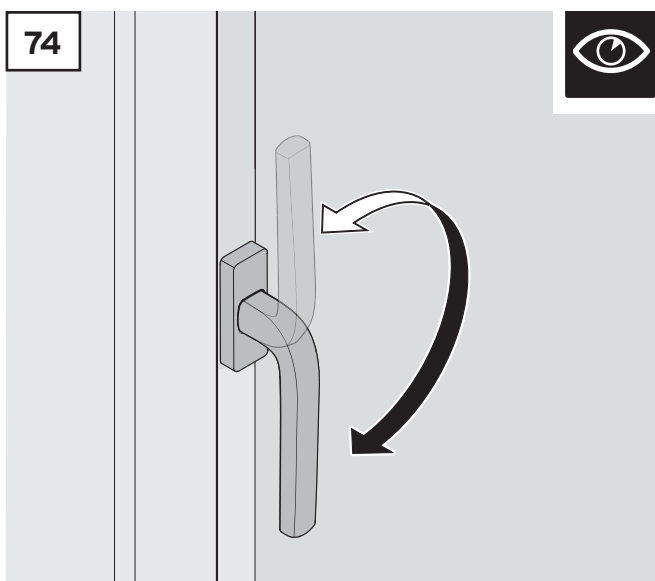
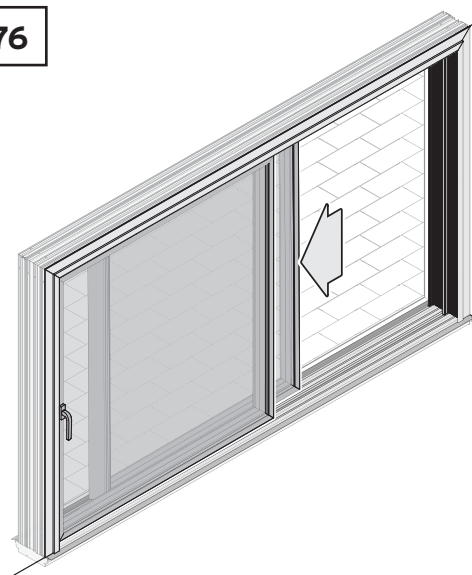
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