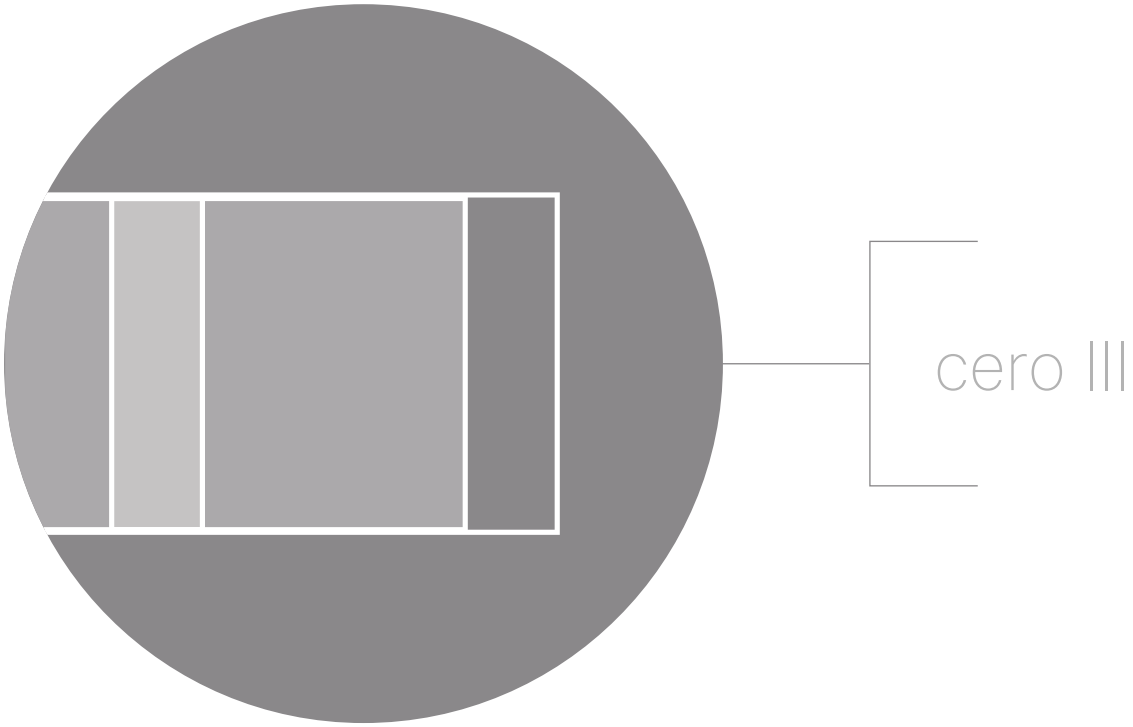


Owner's Manual

cero® by NanaWall

Minimal Framed Large Panel Sliding Glass Wall

This Owner's Manual contains instructions on the installation, operation, maintenance and warranty of cero by NanaWall, the Minimal Framed Large Panel Sliding Glass Wall. This manual is to be used by the installer for installation and is to be kept by the Owner for reference. Replacement parts can be ordered directly through NanaWall Systems.

NanaWall®
Engineering the Exceptional

Nana Wall Systems, Inc.
100 Meadowcreek Drive #250
Corte Madera, CA 94925

800 873 5673
415 383 3148
Fax 415 383 0312

info@nanawall.com
nanawall.com

[r5-0325temp]

IMPORTANT NOTES PRIOR TO THE ASSEMBLY

1. Reading the assembly instructions

Read these assembly instructions prior to carrying out any assembly work and observe them. Any failure to observe them shall release the manufacturer from their liability obligations.

2. Safety and warning notes in the assembly instructions

Safety notes are marked with various symbols (e.g. ⚠) at different points in the assembly instructions. These notes are important to ensure that the product functions properly – ignoring them may lead to malfunctioning and damage.

3. Qualifications

The assembly instructions are exclusively for the attention of qualified installers who have been trained to work with the product and are skilled in the following fields:

- Occupational/industrial safety and accident prevention regulations
- Working on ladders and scaffolding
- Handling and transporting long, heavy and bulky construction parts
- Working with tools and machines
- Understanding of the specifications on mounting and sealing construction parts
- Understanding of the possibilities of load transfer and mounting
- Positioning of fixing materials
- Assessing the structure of buildings
- Understanding of the product's functionality
- Commissioning the product

If any of the qualifications mentioned above are missing, a company specialised in industrial installations must be commissioned to install the product.
Electrical works must be carried out by a qualified electrician, in recordance with local & national legislation & regulations.
The manufacturer's product installation instructions supplied with the electronic devices must be observed.

4. Safety at work

- The workplace has to be secured against unauthorized entry
- The pivoting range of long attachments should be noted
- Never perform work with high security risk alone
- Risk of injury from unsecured joints, crush and shear zones
- Risk of injury from broken glass and sharp edges
- Risk of injury from moving parts during assembly

5. Incoming goods

The deliveries must be inspected for transport damage as soon as they are received. Compare the content of the delivery with the delivery note.

6. Storage and further transport

Please refer to the notes published in the InSight portal for more information on the storage of packaged deliveries.
The packaging must be prevented from getting wet. Damp packaging may lead to damage on the goods and must therefore be removed immediately.
If the goods are to be forwarded further, they must be secured properly and safely. You must check and ensure that no parts of the packaging could come loose and cause accidents. The packaging opened to allow the goods to be inspected upon their arrival must be closed and sealed properly for further transport.

Please refer to the notes on the packages regarding the position of the part.

The components, assemblies are not made to withstand impacts or the fall from height. Do not throw, do not drop.

IMPORTANT NOTES PRIOR TO THE ASSEMBLY

7. Conditions for mounting and sealing

It is important to check the conditions on site before starting the assembly.

- Check structural conditions such as the wall construction, the load capacity or adhesiveness of the surfaces for adhesive sealing systems, evenness, moisture content of building a possibility for load transfer and mounting, constructional tolerances and height reference points.
- Check contractual agreements (scope of services), supplied assembly details, planning guidelines, heat protection, humidity proofing, interfaces to other trades (e.g. thermal insulation composite system, concrete work, paving, flooring...).
- If necessary, inform your client of any reservations you may have, give notice of any obstructions and/or interrupt or do not begin your work if the conditions are not adequate.

ATTENTION! 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 sub-structure and that the assembly is completed correctly.

8. Handover

All operating, assembly and adjustment instructions as well as maintenance and care guidelines must be delivered to the user when briefing him. It is essential to train the user on the function of the supplied product and provide instruction on the directions for safety and use. Incorrect operation or failure to observe the instructions may lead to damage and accidents.
The customer must store the instructions carefully and hand them over to the new owner in the event of a sale.

9. Product specific information

Safety guidelines

Installation, maintenance and repair work may be carried out only by persons who have been suitably trained by Solarlux. There are regional laws and regulations for safety tests to be respected. Unauthorized changes to the system exclude all liability of Solarlux for resulting damage. After project planning, at the latest after a successful installation of the sliding system, we strongly recommend an examination of the mounted unit and the dangers it may produce when operated. Potential dangers must be eliminated immediately. If this is not possible, information on the possible residual risk must be provided through labelling.

Residual risks

After correct assembly and installation of the sliding system the following, residual risks by technical design remain during operation:

- There is a risk of squashing fingers between the edges of the door panels when moving
- There is a risk of squashing fingers during the operation of the panel, between the panels themselves, against walls and coverings.
- Always keep opening and tracks clear and clean. Make sure, that the brush sealing are free from dirt.

10. 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.
The 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.

IMPORTANT NOTES PRIOR TO THE ASSEMBLY

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

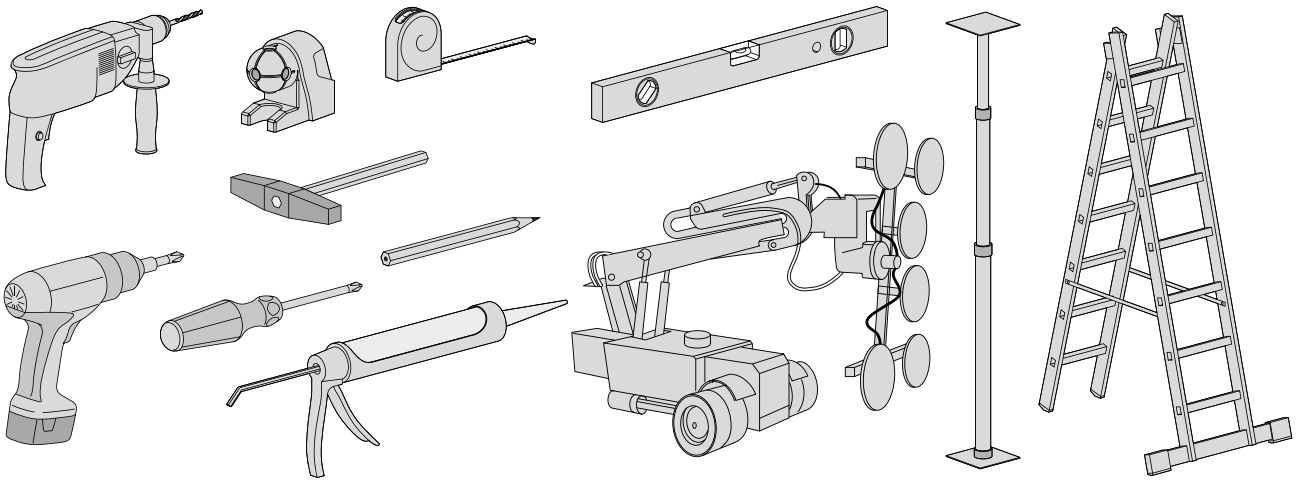
- Soiling can impair the running characteristics of the sliding panels.
- Remove coarse soiling from the lower guide rail section for example with a vacuum cleaner.
- Debris blocking the water outlet must be removed in order to prevent damage.
- Keep drainage holes free of snow and ice in the winter 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.

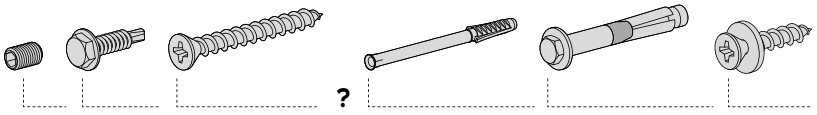
Recommendation:

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 specifications shall apply.

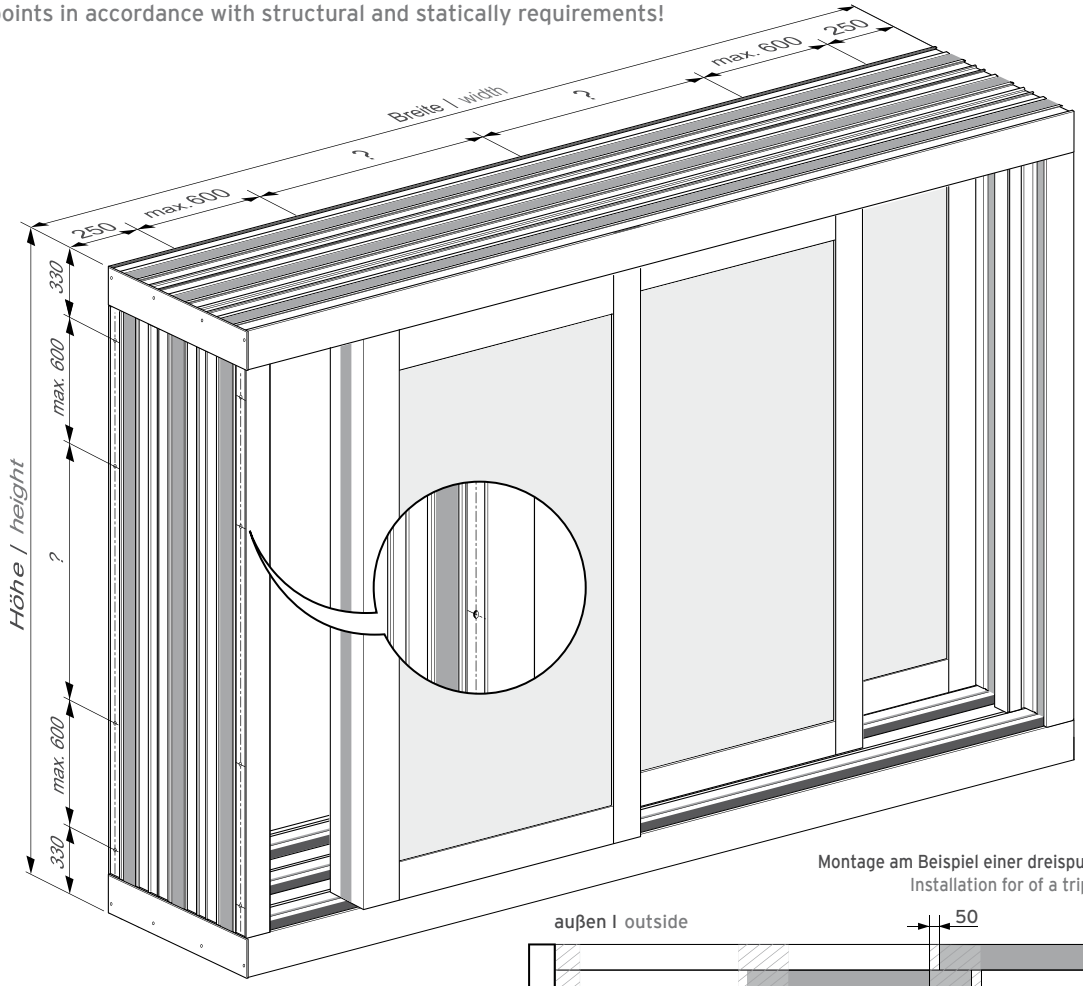
WERKZEUGE | TOOLS



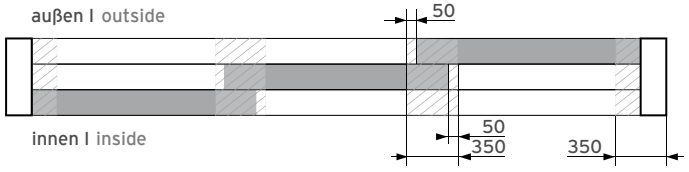


Auswahl des Montagematerials nach baulichen und statischen Erfordernissen.
Choice of installation materials and tools in accordance with structural and statically requirements.

Befestigungspunkte nach baulichen und statischen Erfordernissen!
Fixing points in accordance with structural and statically requirements!



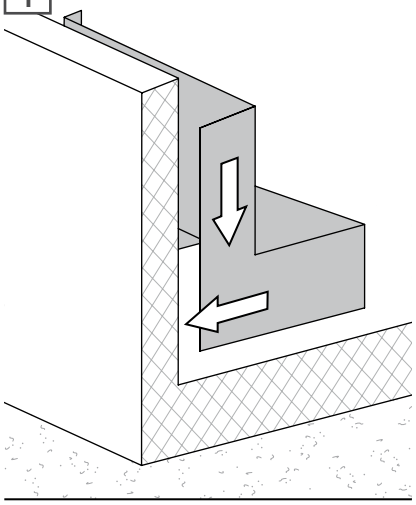
Montage am Beispiel einer dreispurigen Anlage.
Installation for of a triple track unit.



Fußpunkt am seitlichen Rahmen und am Flügelstoß über die gesamte Rahmenbreite druckfest unterfüttern.
Pressure resistant relining underneath the lateral frames and every panel joint.

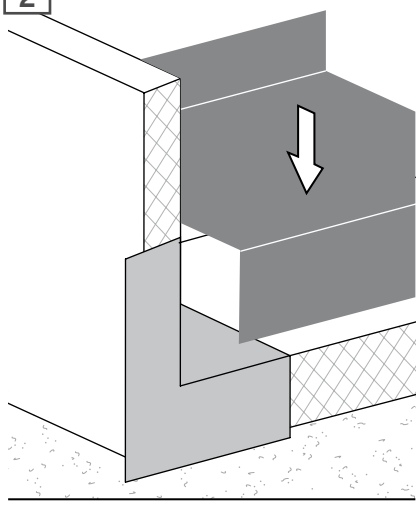
I. RAHMENMONTAGE | INSTALLATION OF FRAME

1



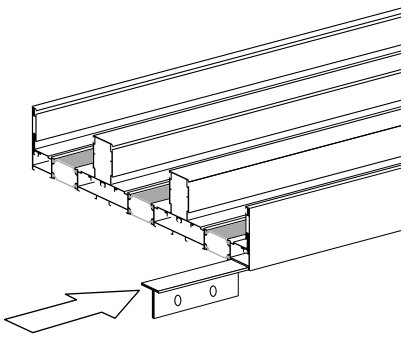
Folienecke einsetzen und vollflächig verkleben.
Insert foil corner and glue it over the entire surface.

2



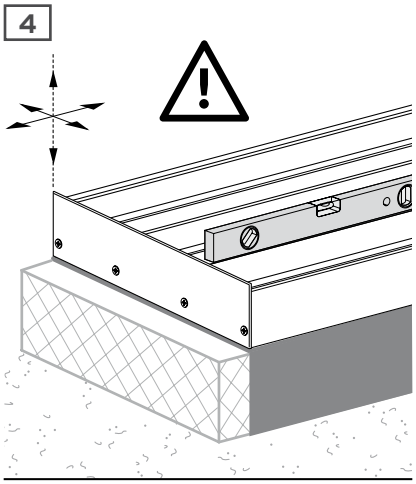
Dichtung auflegen und vollflächig verkleben.
Place gasket and glue it over the entire surface.

3



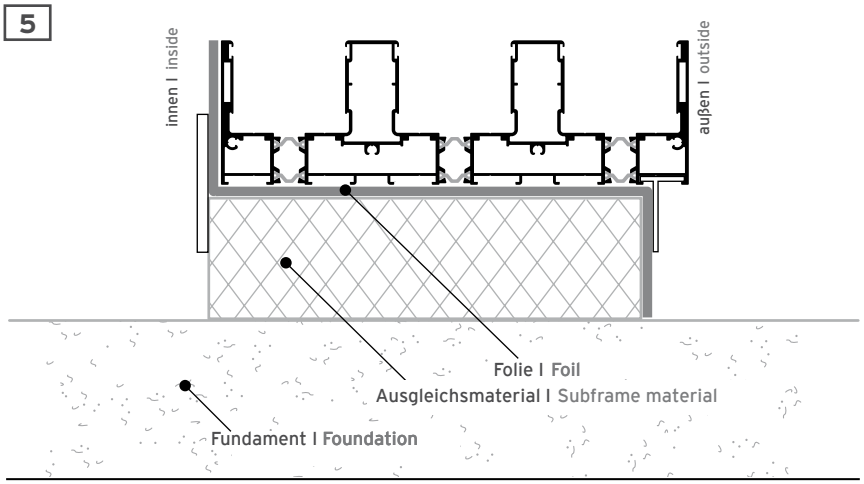
T-Profile in Rahmen einschieben.
Insert T-profiles into the frame.

4



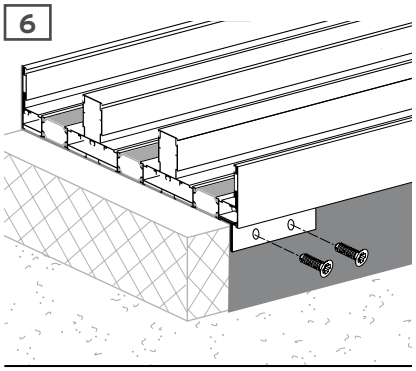
Unteren Rahmen ausrichten und vollflächig lastabtragend montieren.
Lower frame aligned and all-over load-bearing assembled.

5



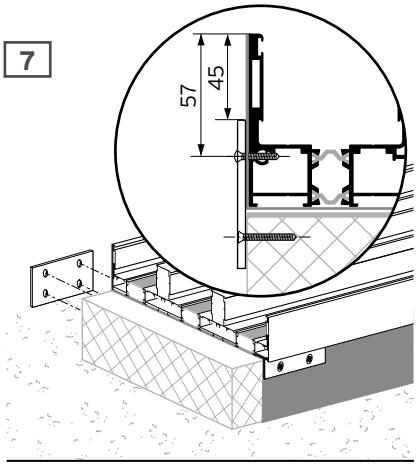
Konstruktionsaufbau (Prinzipskizze).
Construction design (Schematic sketch).

6



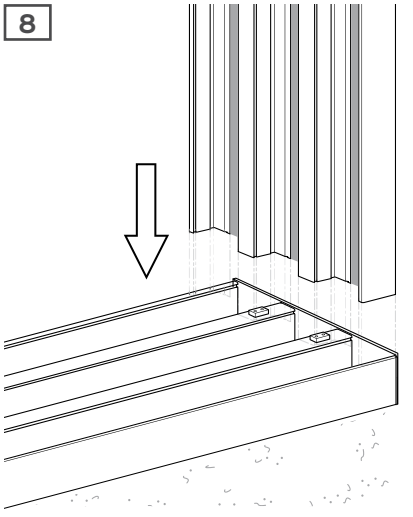
T-Profile ausrichten und anschrauben. Abstand max. 600 mm. Entwässerungsbohrungen nicht verdecken!
Align and fix the T-profiles.
Distance max. 600 mm.
Do not cover weep holes!

7



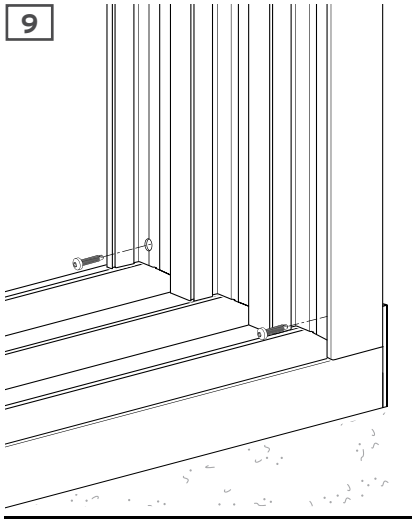
Anschlagplatten anschrauben. Abstand max. 600 mm.
Attach the stop plates.
Distance max. 600 mm.

8



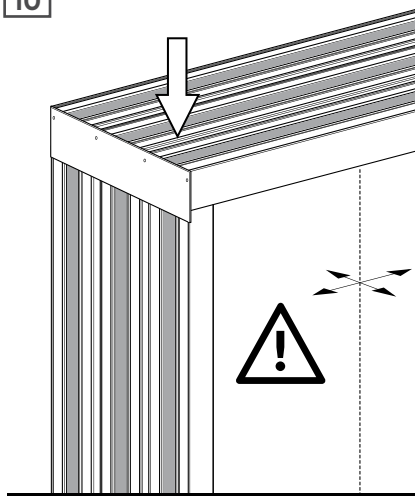
Seitlichen Rahmen lotrecht aufstellen und sichern.
Arrange lateral frames vertically and secure.

9



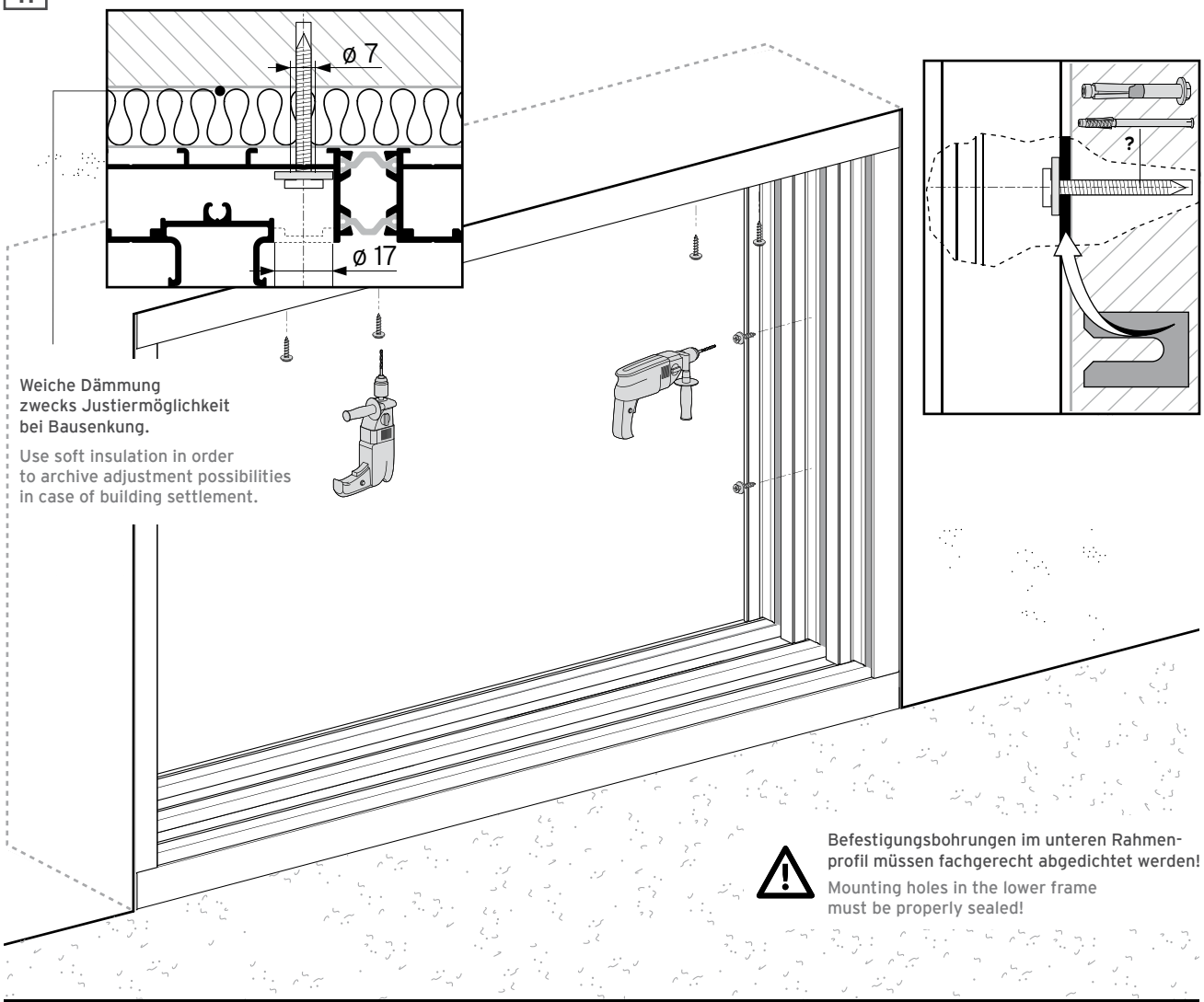
Nach Ausrichtung den senkrechten Rahmen mit Bohrschrauben an den Enddeckel anschrauben.
After alignment, screw the vertical frame to the end cover using self-tapping screws.

10



Oberen Rahmen aufsetzen. Führungsstücke müssen in senkrechten Rahmen eingreifen.
Attach upper frames, leading parts must engage into the vertical frame.

11

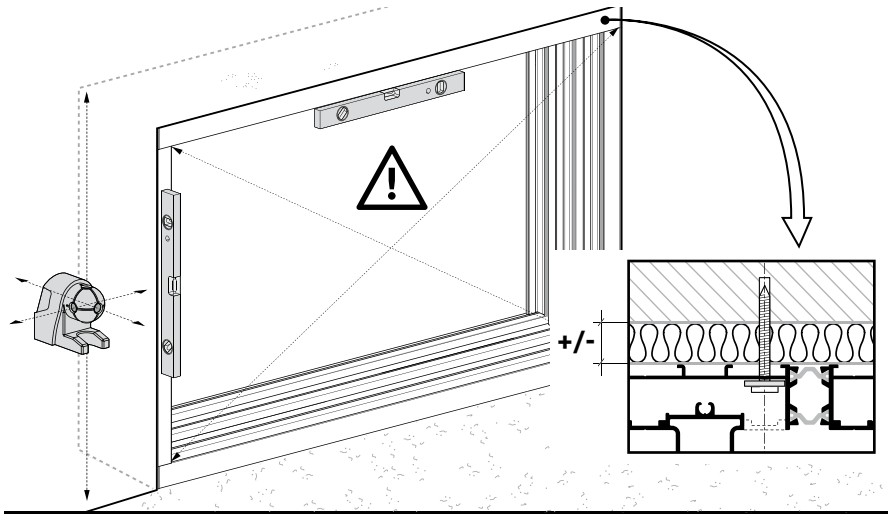


Weiche Dämmung zwecks Justiermöglichkeit bei Bausenkung.
Use soft insulation in order to archive adjustment possibilities in case of building settlement.

Befestigungsbohrungen im unteren Rahmenprofil müssen fachgerecht abgedichtet werden!
Mounting holes in the lower frame must be properly sealed!

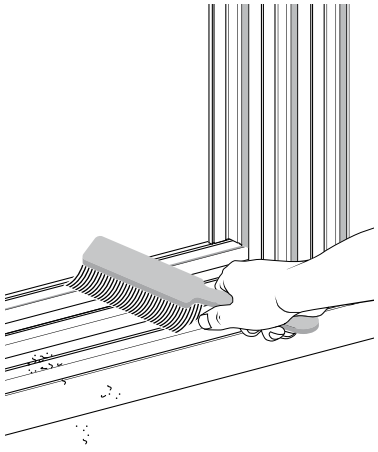
Rahmen unterfüttern und fixieren.
Reline and fix frame.

12



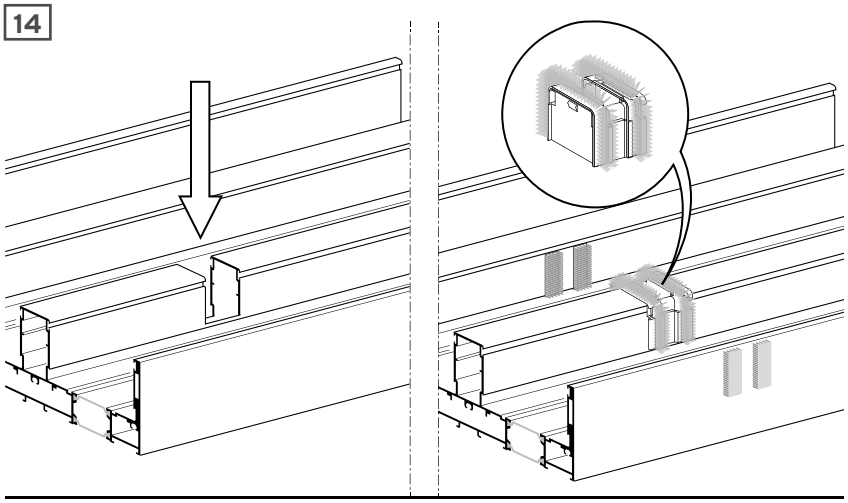
Lotrechte Ausrichtung überprüfen.
Prior to fixing, check plumb.

13



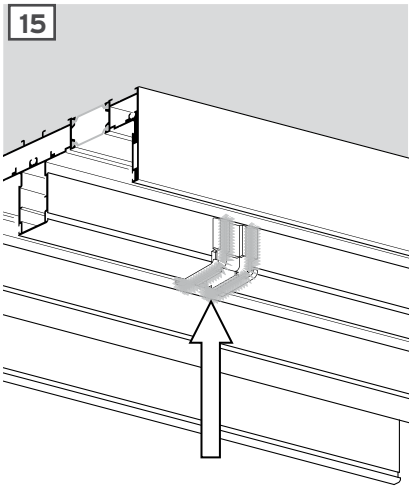
Profil säubern.
Clean profiles.

14



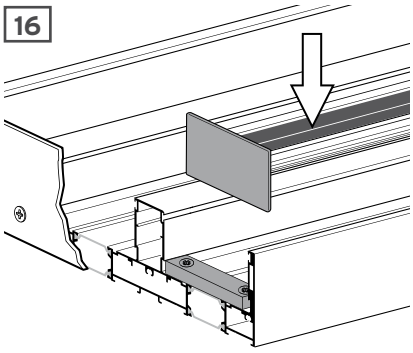
Unten: Bürstenbrücke einsetzen und Bürstendichtung mit Sekundenkleber aufkleben.
Bottom frame: insert brush retaining rail and secure brush seal with super-glue.

15



Oben: Bürstenbrücke einsetzen.
Top frame: insert brush retaining rail.

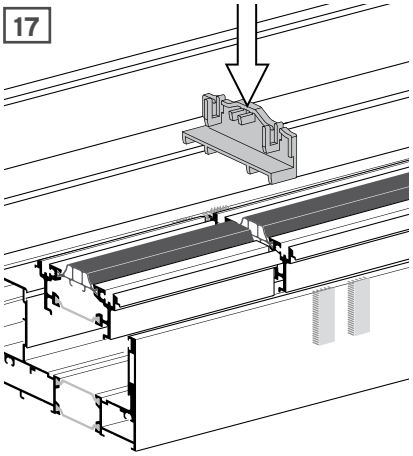
16



Laufschienenprofile mit Enddeckel einlegen. Innen sichtbar: Profile ohne thermische Trennung, Außen (unter Flügel): Profile mit thermischer Trennung.

Insert runner track with endcap. Visible on the inside: Profiles without thermal break, Outside (under sash): Profiles with thermal break.

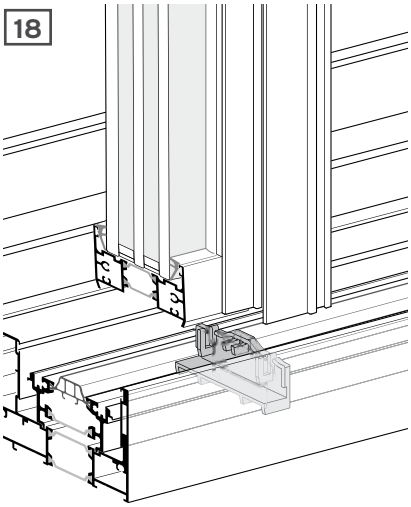
17



Entwässerungsplatte bei Laufschienenstoß einlegen.

Insert drainage board at runner track joint.

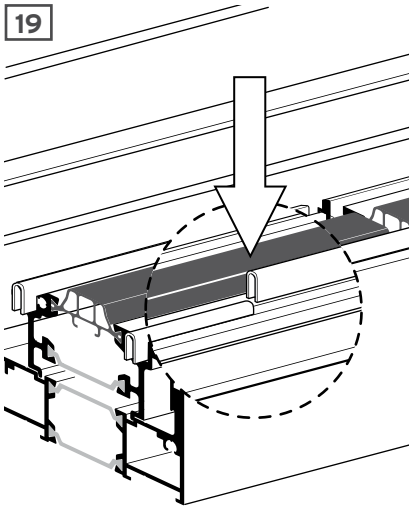
18



Einbaulage Entwässerungsplatte.

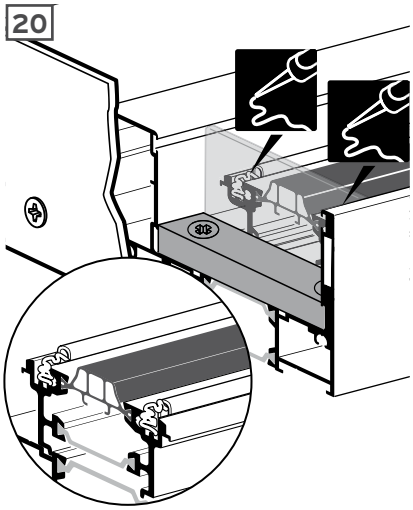
Mounting position drainage board.

19



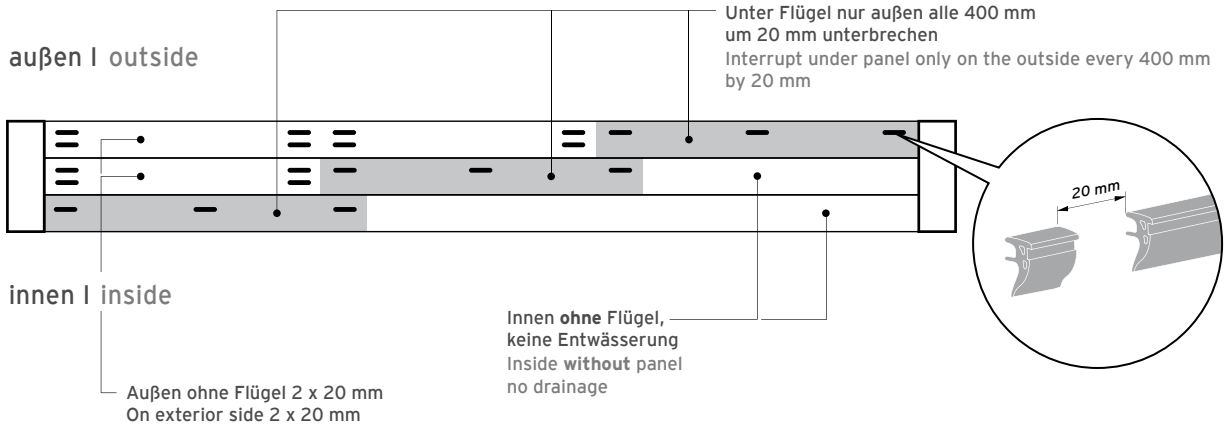
Edelstahl-Laufflächen einsetzen und mittig stoßen.
Insert stainless steel running track, butt-joint in the centre.

20



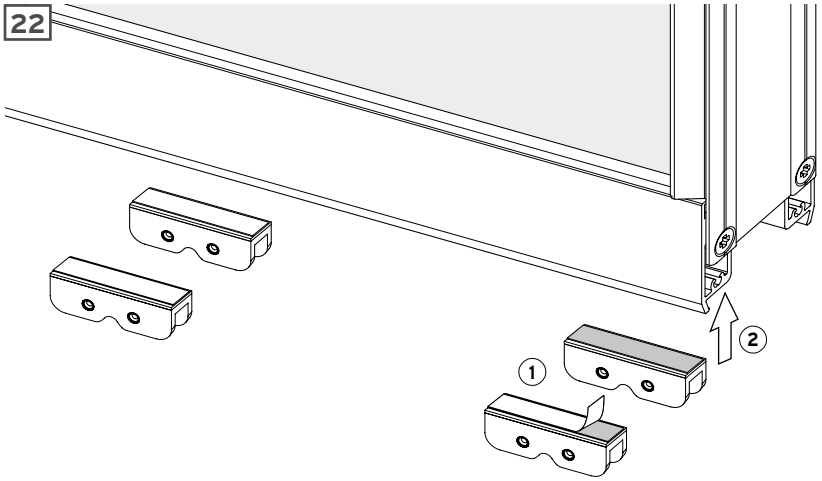
Am Anfang und Ende jeder Laufschiene je 50 mm eindichten.
Seal 50 mm at both ends of each running track.

21



Entwässerungskonzept: Unterbrechung der Dichtung für Laufschiene.
Drainage concept: Cut out of the sealing gasket at the runner track.

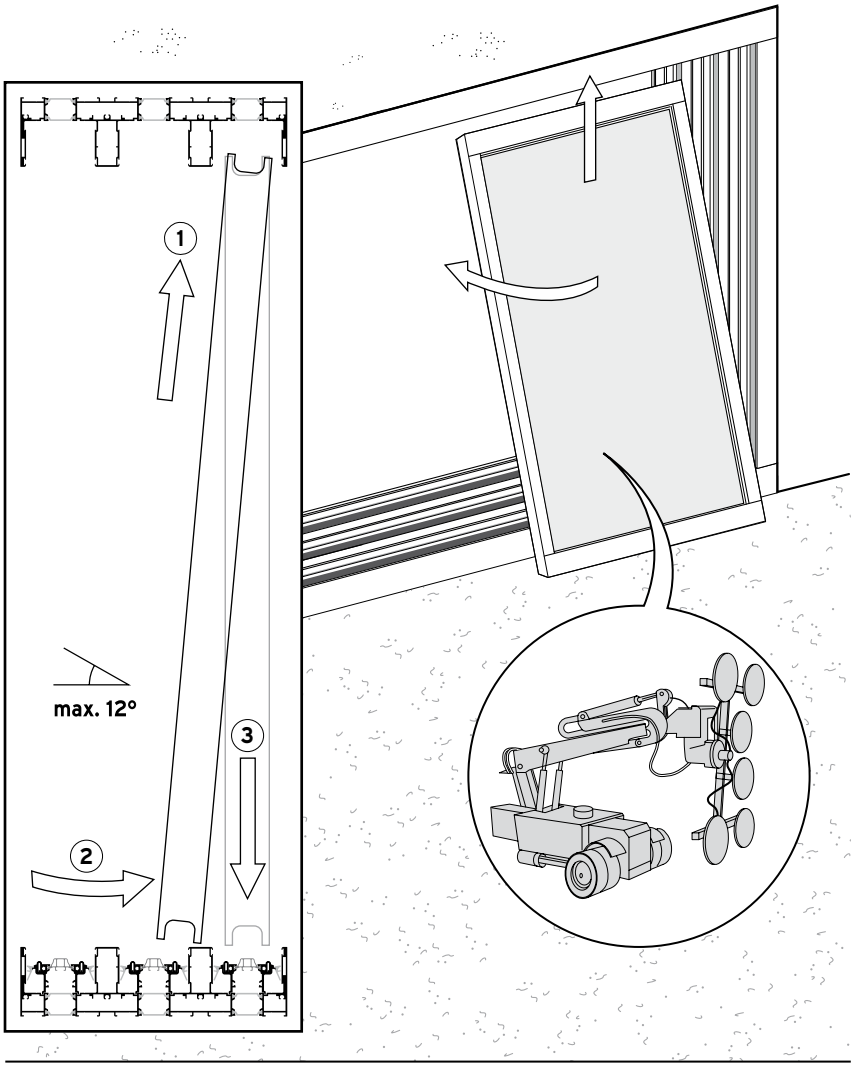
22



Laufwageneinheiten anbringen: 2 Stück, jeweils links und rechts. Ab 2600 mm Flügelbreite zusätzlicher Laufwagen mittig.
Attach carrier units; 2 pieces on each side, left and right. Additional center carrier units if panel width is over 2600 mm.

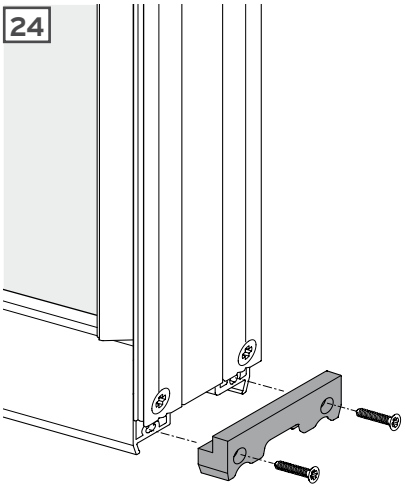
II. FLÜGELMONTAGE | INSTALLATION OF PANEL

23



Flügel mit Glaslifter einsetzen und lotrechte Ausrichtung überprüfen.
Insert panels with glass lifting device and check vertical alignment.

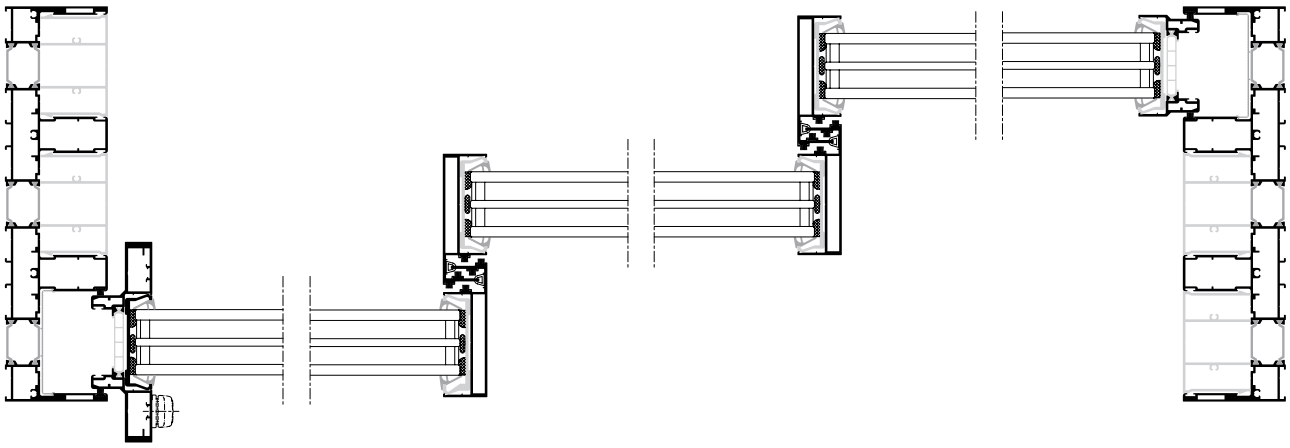
24



Endkappe für Flügelprofil, unten.
End cap for panel, at the bottom.

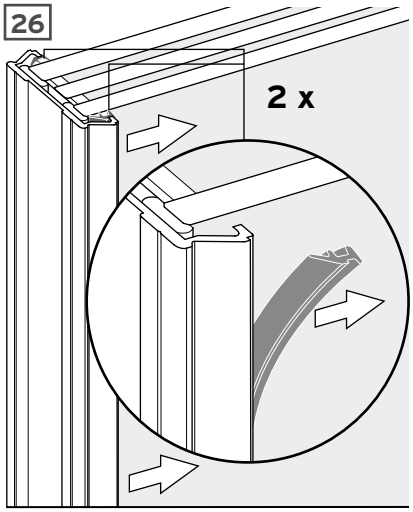
III. LEISTENMONTAGE | INSTALLATION OF TRIM PROFILE

25



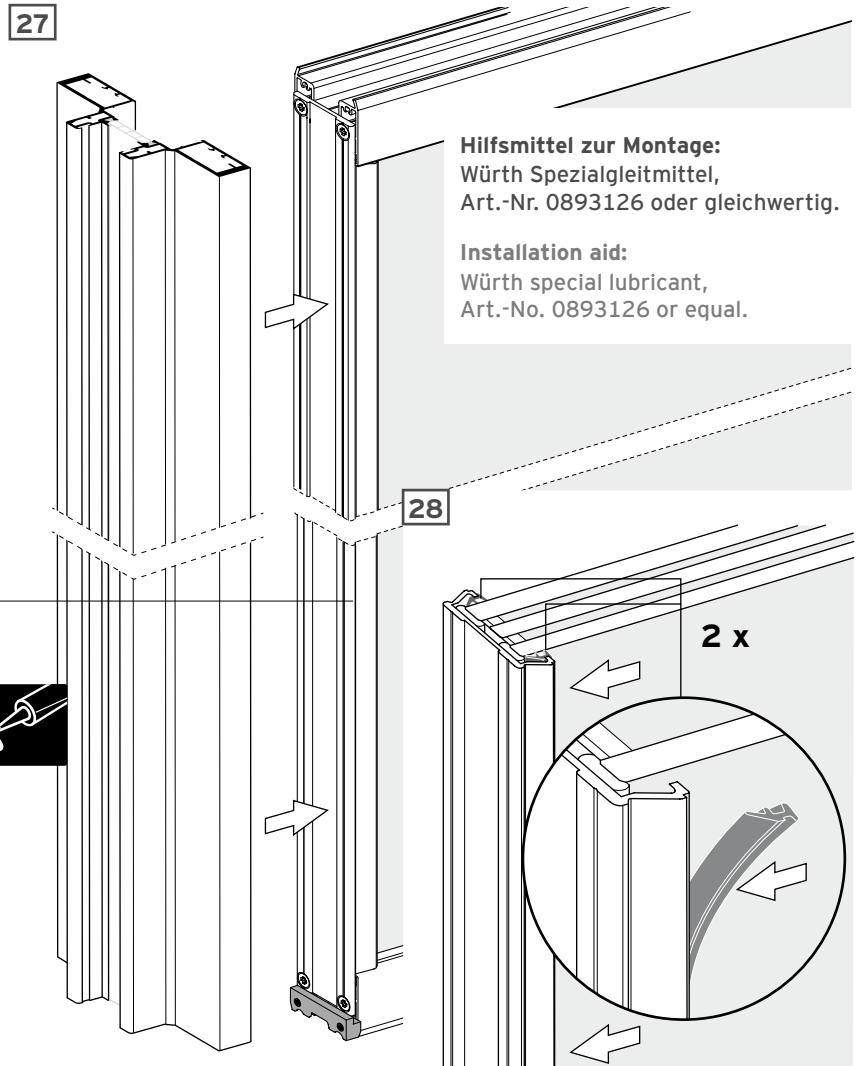
Profilfolge/-anordnung ist dem Auftrag zu entnehmen.
The profile sequence/arrangement can be found in the order.

26



Seitliche Glasdichtungen entfernen.
Remove side glass seals.

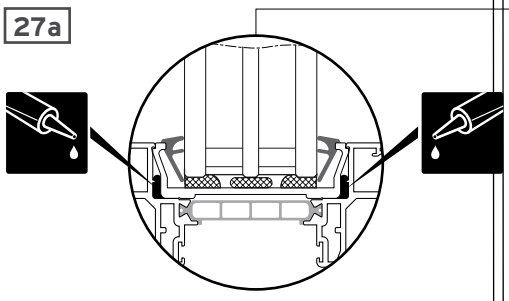
27



Hilfsmittel zur Montage:
Würth Spezialgleitmittel,
Art.-Nr. 0893126 oder gleichwertig.

Installation aid:
Würth special lubricant,
Art.-No. 0893126 or equal.

27a



Im Bereich der Verriegelung auf 100 mm und bei Anlagen mit Verstärkungsprofilen / RC2/ RC3 Ausstattung: Leisten oben, mittig und unten auf jeweils 500 mm mit Würth SMP Klebdichtstoff einkleben.

Glue in the area of the locking mechanism to 100 mm and for systems with reinforcement profiles / RC2/RC3 equipment: Glue the strips at the top, center and bottom for 500 mm each with Würth SMP adhesive sealant.

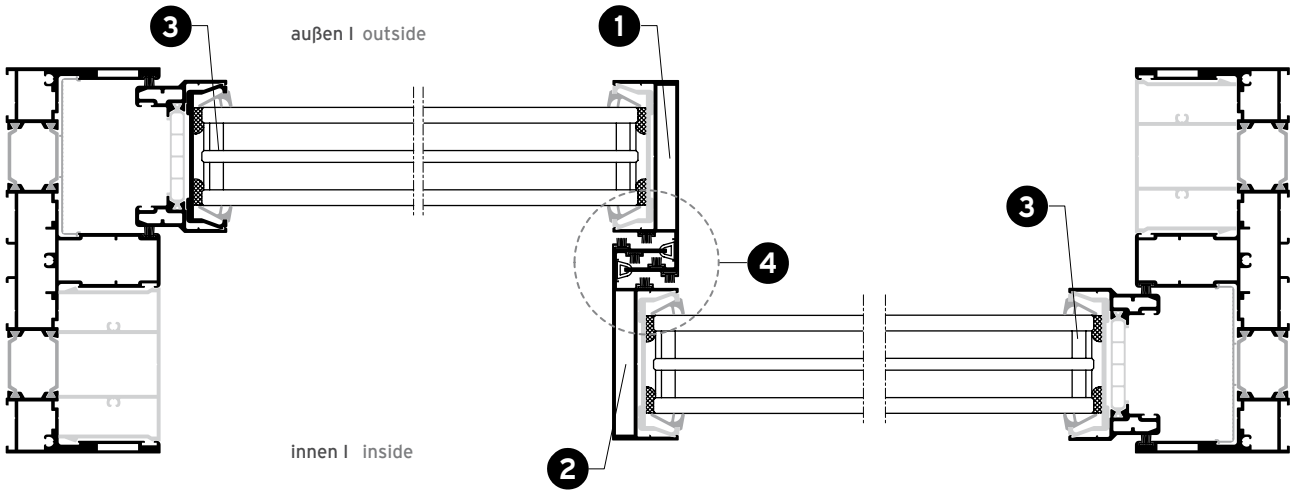
Leisten aufklipsen.
Clip on trim profiles.

28

Seitliche Glasdichtungen nach Aufklipsen der Leiste einsetzen.
After clipping on trim profile install glass seals.

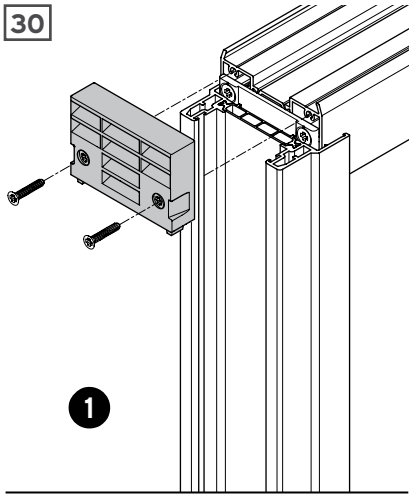
IV. DICHTSTÜCKE UND ENDKAPPEN | SEALING PIECES AND END CAPS

29



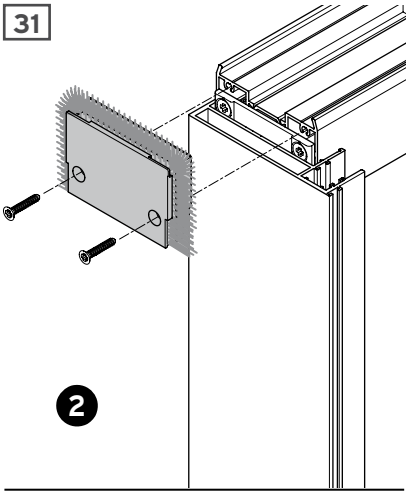
Endkappenanordnung an Beispielanlage.
End cap arrangement example on unit.

30



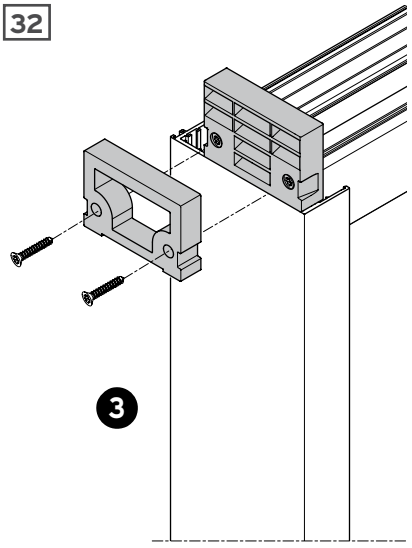
Endkappen von innen nicht sichtbar.
End caps not visible from the inside.

31

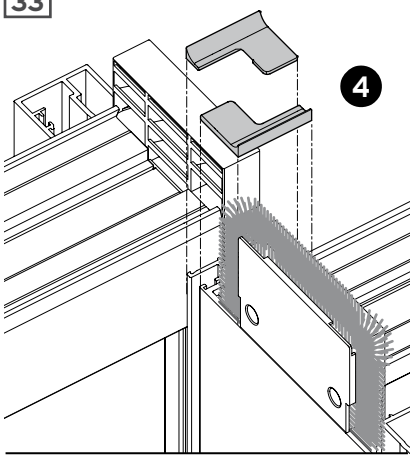


Endkappen von innen sichtbar.
End caps visible from the inside.

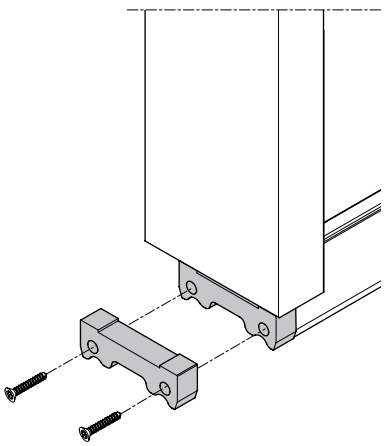
32



33



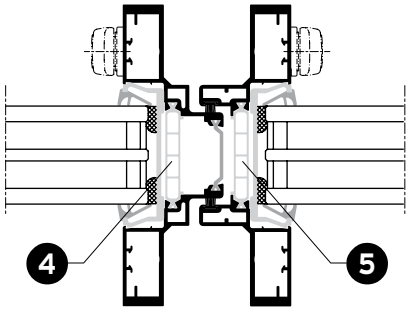
Endkappen oben und unten einkleben.
Coat end caps on the top and at the bottom.



Dichtplatte am seitlichen Rahmen.
Sealing piece on the side frame.

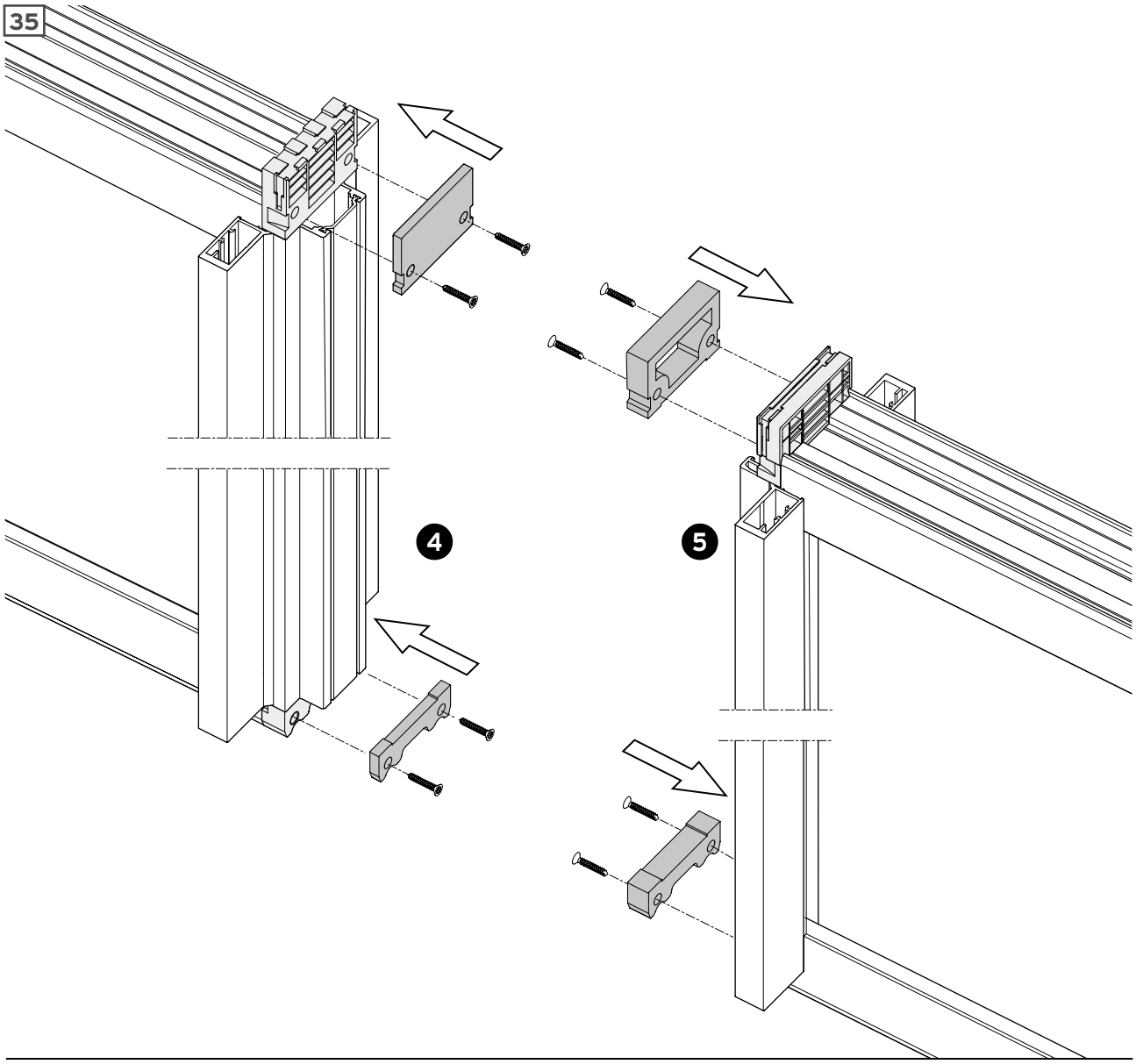
IV. DICHTSTÜCKE UND ENDKAPPEN | SEALING PIECES AND END CAPS

34



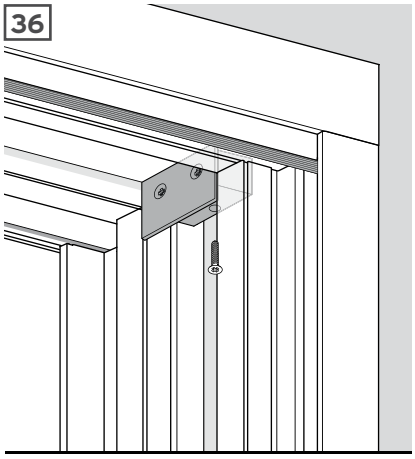
Endkappenanordnung an Beispielanlage.
End cap arrangement example on unit.

35



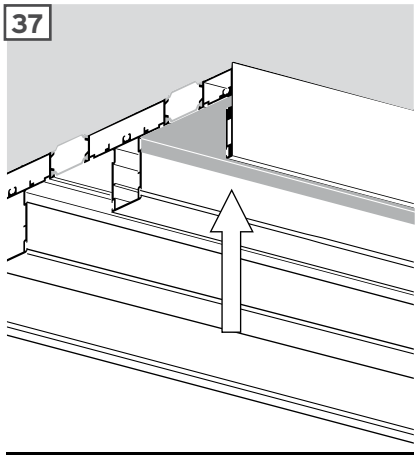
Dichtplatten am Stulp auf einer Spur.
Sealing pieces on sash profiles in one track.

36



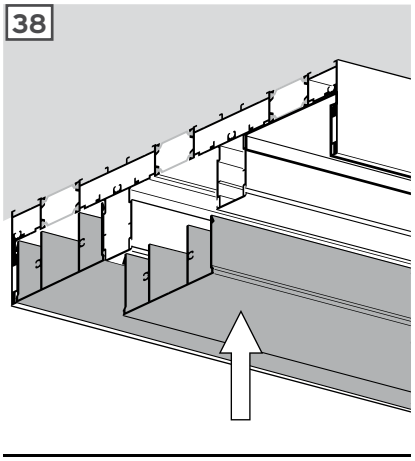
Einbau Enddeckel Füllprofil vor Montage Füllprofil seitlich.
Install end cap before installing laterally filling profile.

37



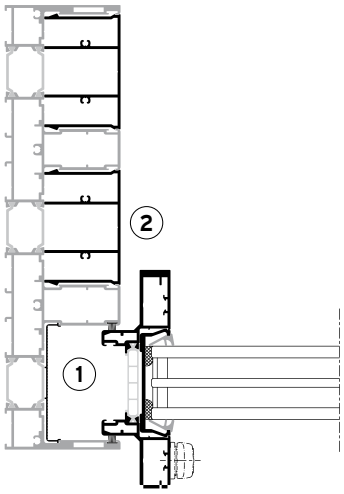
Abdeckprofil ① oberhalb Flügel einklipsen.
Cover profile ① to be installed above the panel.

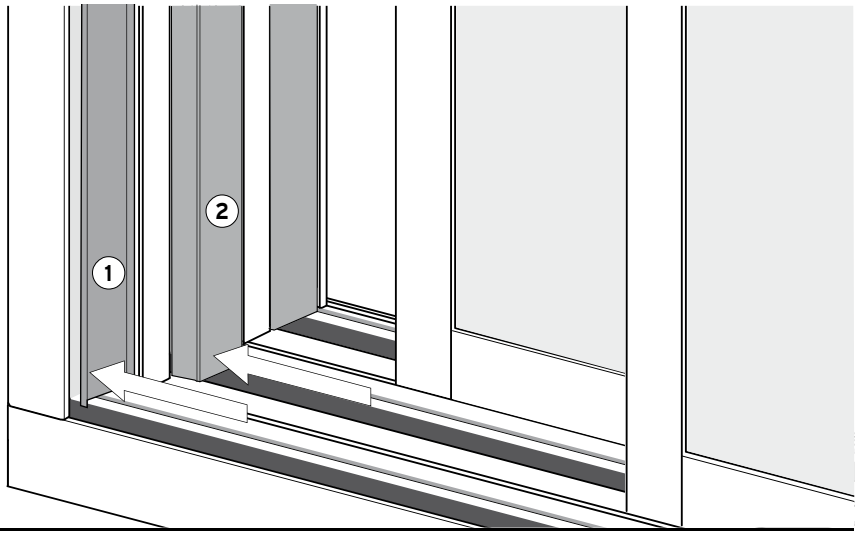
38



Füllprofil ② einsetzen gegenüber unterem Füllprofil.
Filling profile ② to be installed opposite the lower filling profile.

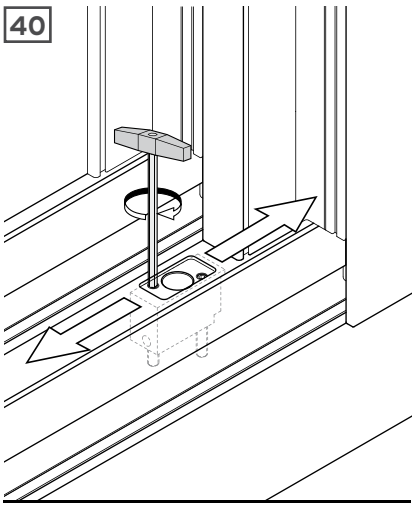
39





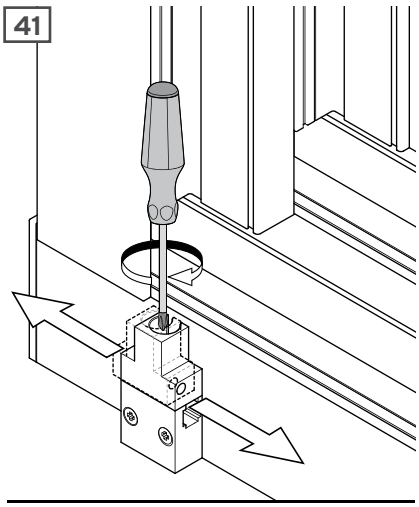
Abdeckprofil ① einklipsen. Füllprofile ② einsetzen. Profilfolge/-anordnung ist dem Auftrag zu entnehmen.
Clip cover profile ① in place. Filling profile ② to be installed. Positioning and sequence of profiles as per drawing provided with the order confirmation.

40



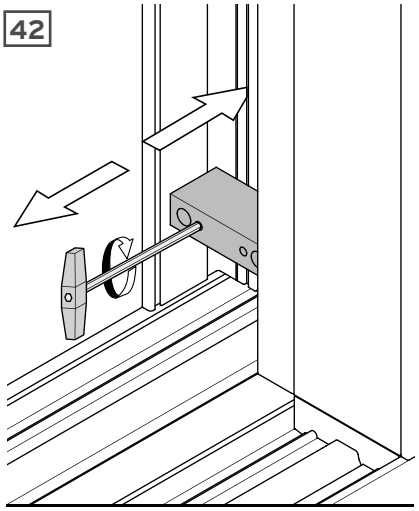
Schließstück justieren in der Rahmen-Mittelkammer.
Adjusting locking receiver in the centre chamber of the frame.

41



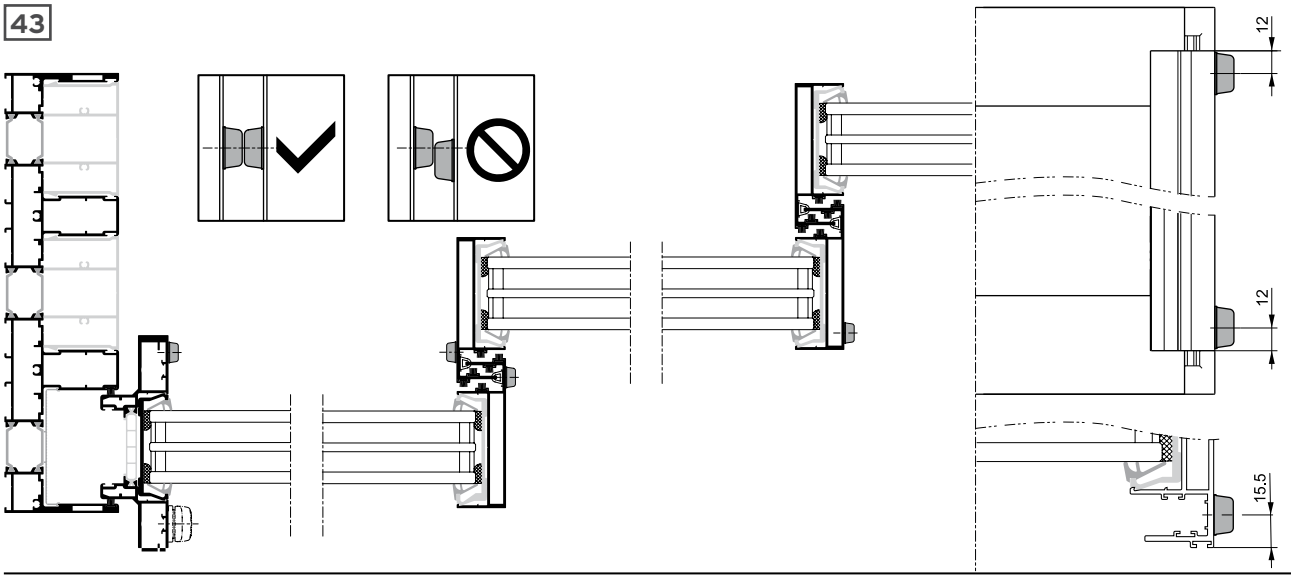
Schließstück justieren, Innenanschlag.
Adjusting locking receiver locking point.

42



Stopper im seitlichen Rahmen justieren.
Adjust stopper in the lateral frame.

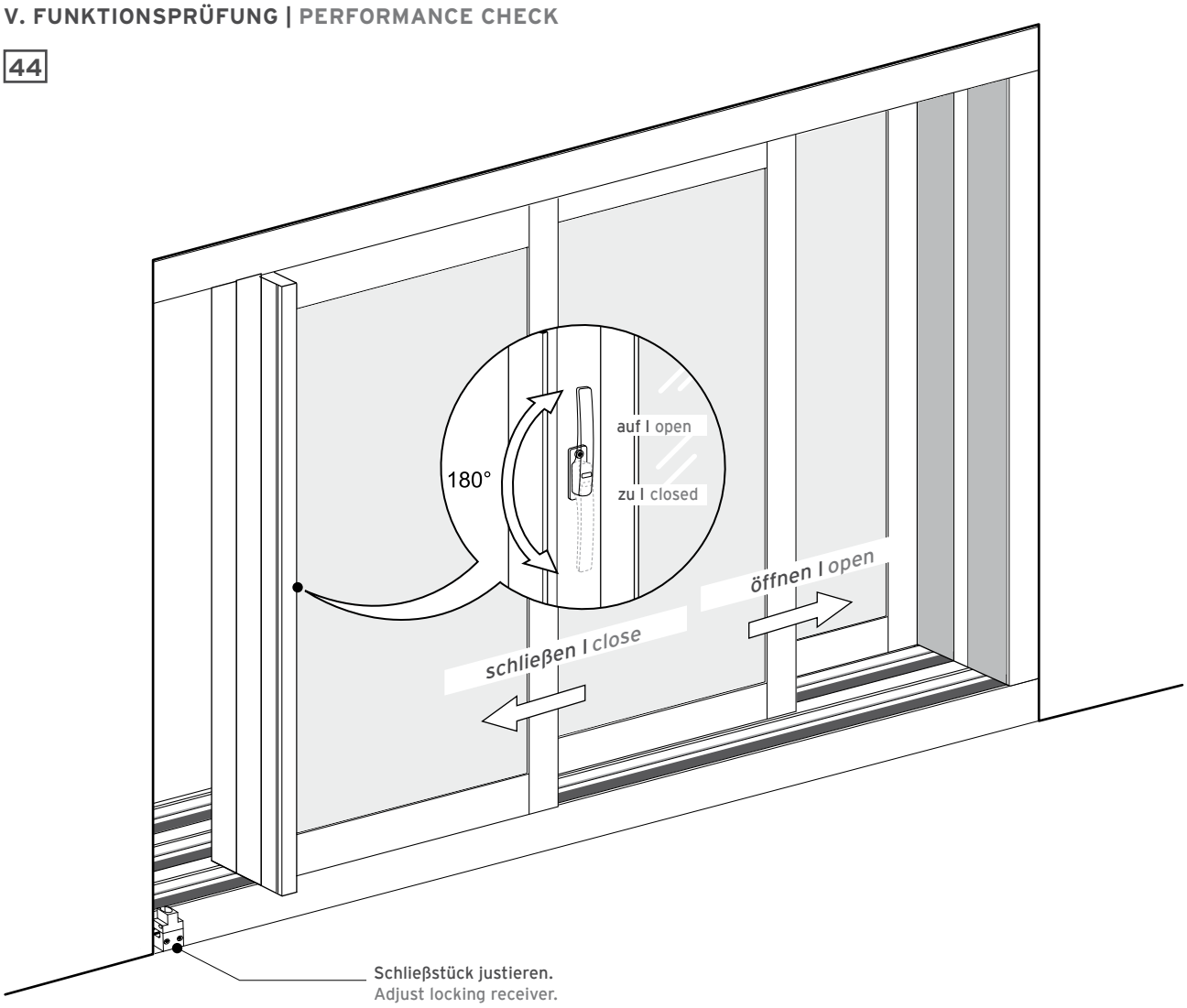
43



Elastikpuffer an Leistenprofilen anbringen.
Self-adhesive bumpers to be sticked to the trim profiles.

V. FUNKTIONSPRÜFUNG | PERFORMANCE CHECK

44

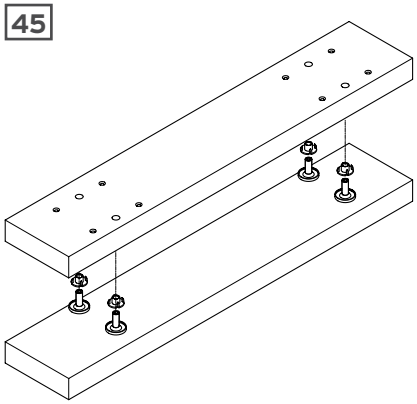


Funktionsprüfung.
Performance check.

V. VARIANTEN | VARIANTS

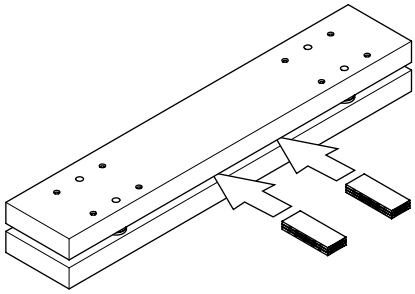
Höhenverstellung unten / Bottom height adjustment

45



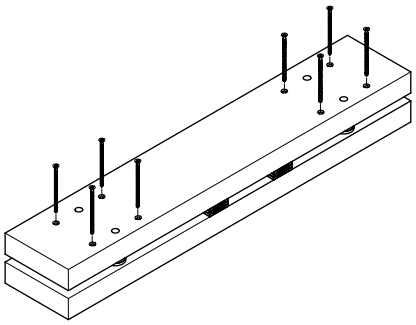
Einschlagmuttern und Stellfüße montieren und Purenit ausrichten.
Install weft mothers and adjustable feet and level the Purenit.

46



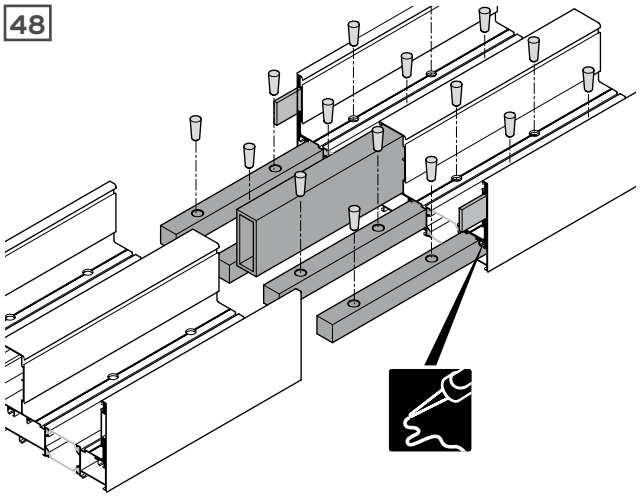
Wenn nötig, zwischen den Stellfüßen verklotzen.
If necessary, install glazing blocks between the adjustable feets.

47



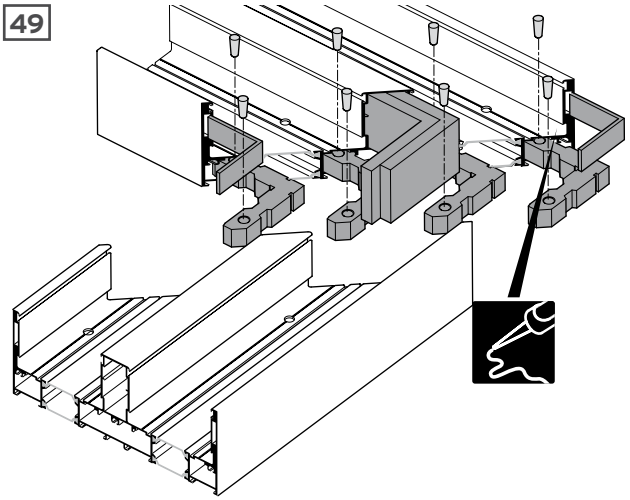
Ausgerichtetes Purenit mit Schrauben fixieren.
Fix the leveled Purenit with screws.

48



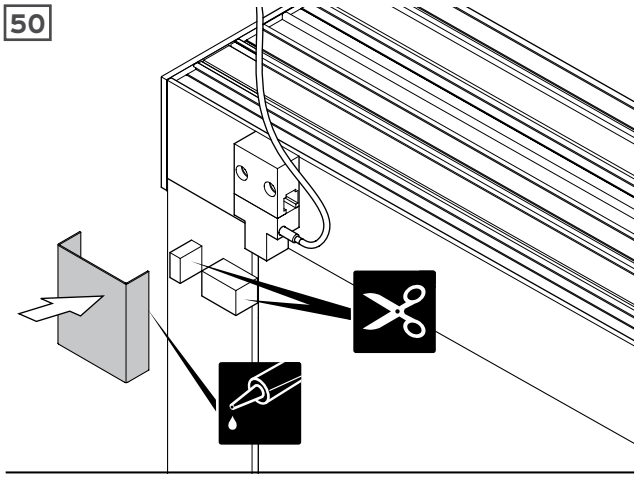
Rahmenstoß, gerade.
Butt-joint of frame.

49



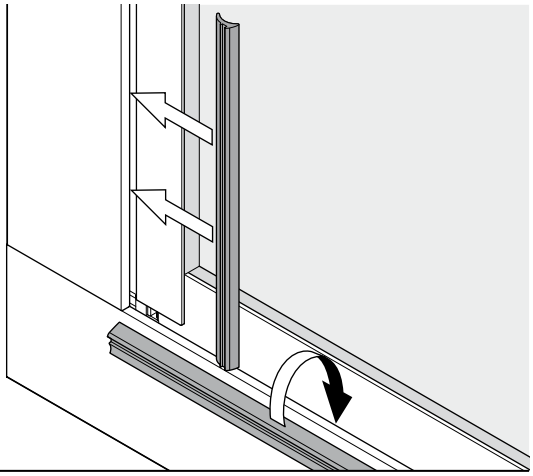
Rahmenstoß, 90 Grad.
Mitred joint of frame.

50



Montage Abdeckung Verriegelungsgegenstück. Füllstück zuschneiden und zusammen mit Abdeckung einkleben.
Cover for locking piece installation. Cut in-fill piece and install it together with the cover with adhesive.

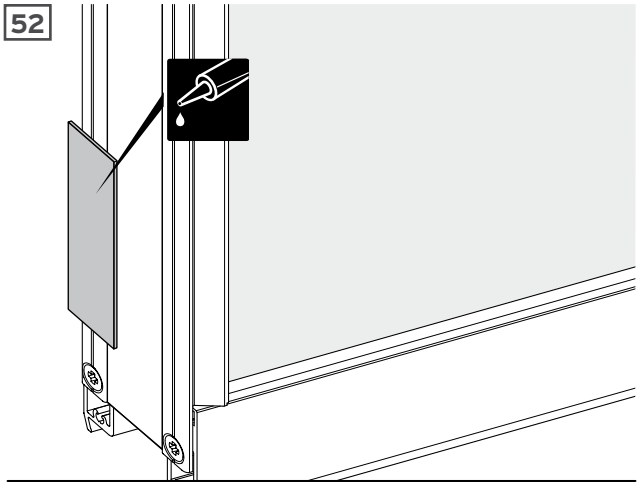
51



Festflügel mit Griffleiste: Zusätzliche Dichtungen auf der Innenseite oben, unten und seitlich montieren.
Fixed panel with handle bar: Fit additional seals on the inside at the top, bottom and sides.

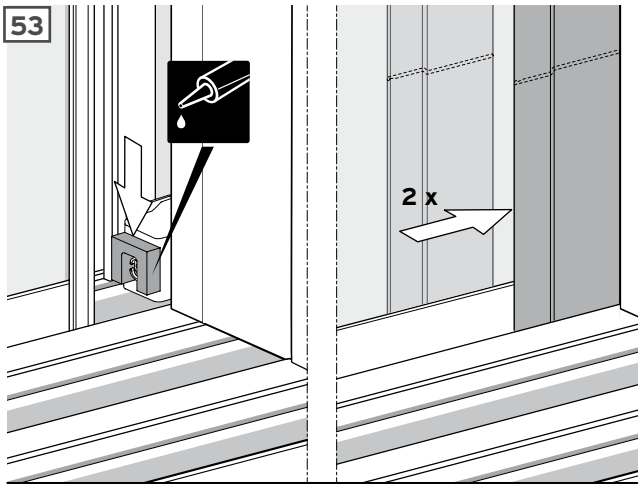
V. VARIANTEN | VARIANTS

52



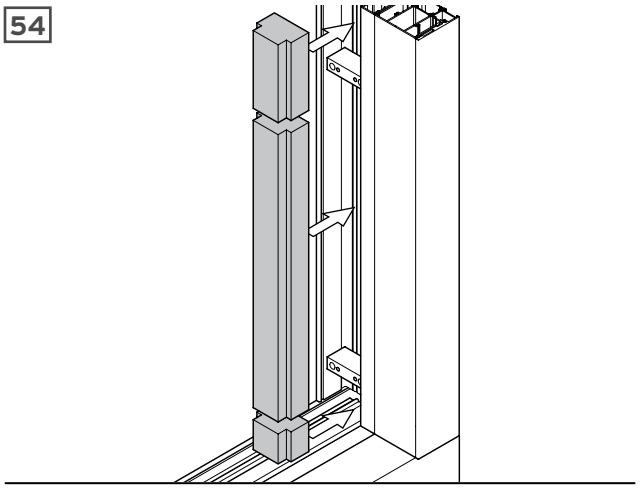
Festflügel ohne Griffleiste: Verglasungsklötze mittig auf das Flügelprofil aufkleben.
Fixed panel without handle bar:
glue setting block centered on sash bar.

53



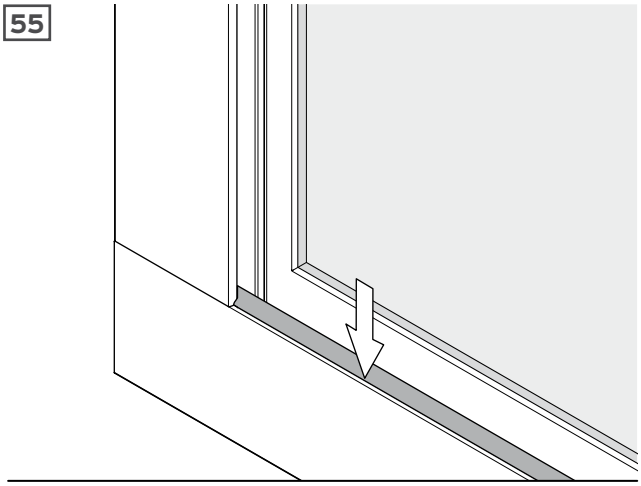
Festflügel ohne Griffleiste: Montage am seitlichen Rahmen.
Fixed panel without handle bar: installation at the lateral frame.

54



Festflügel: Dämmkerne zuschneiden und mittig in das Rahmenprofil einkleben.
Fixed panel: Cut the insulation cores to size and glue them into the center of the frame profile.

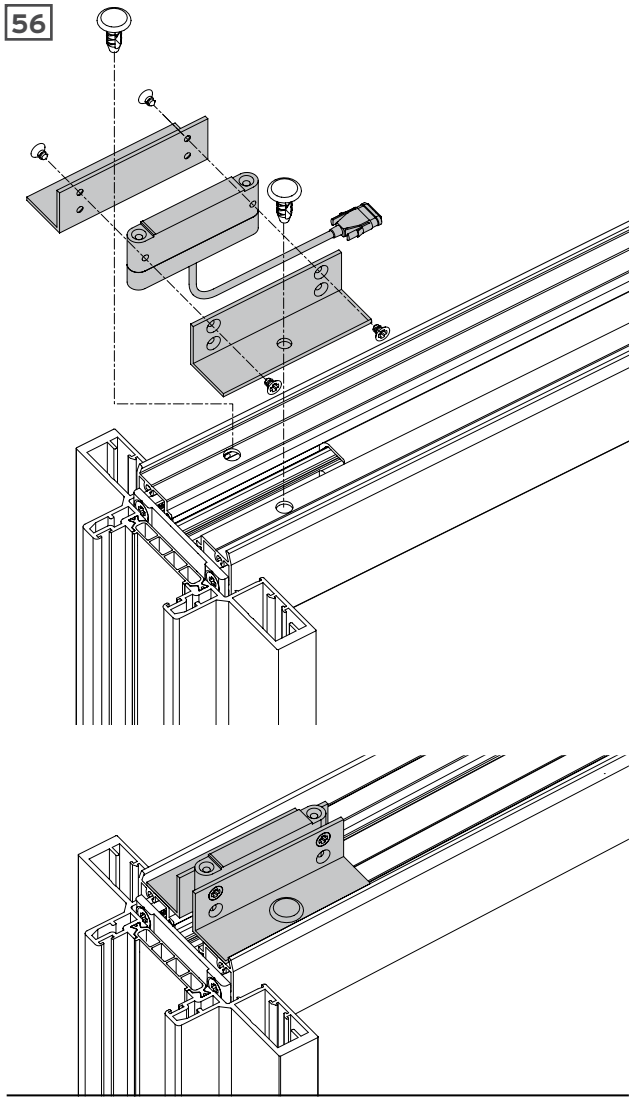
55



Festflügel ohne Griffleiste:
Zusätzliche Dichtung montieren.
Fixed panel without handle bar:
assembly of additional gasket.

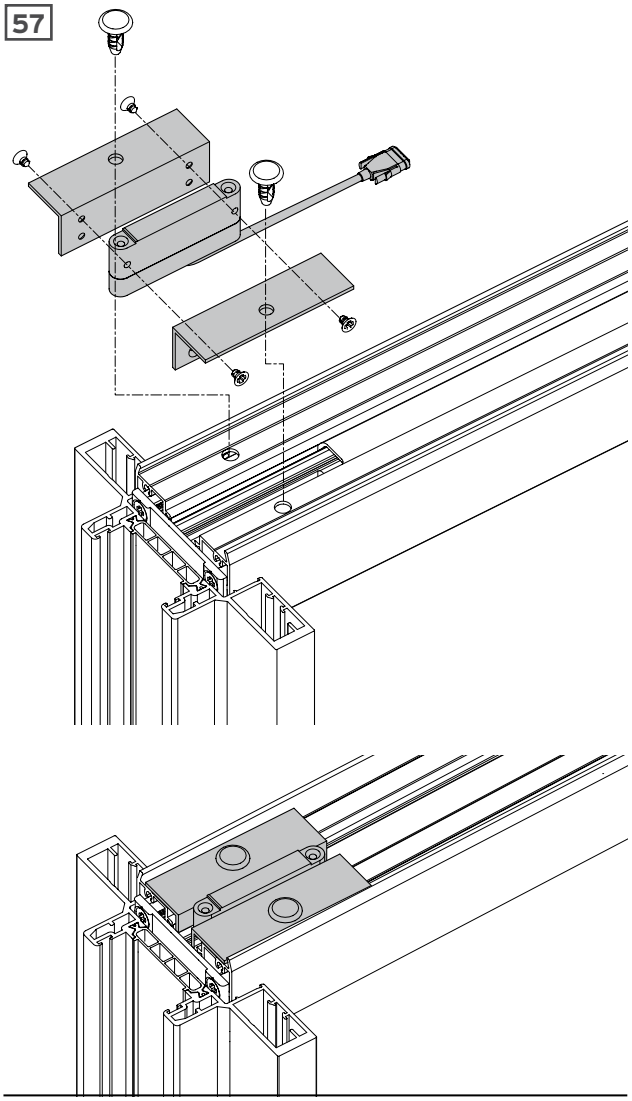
VII. ZUBEHÖR | ACCESSOIRES

56



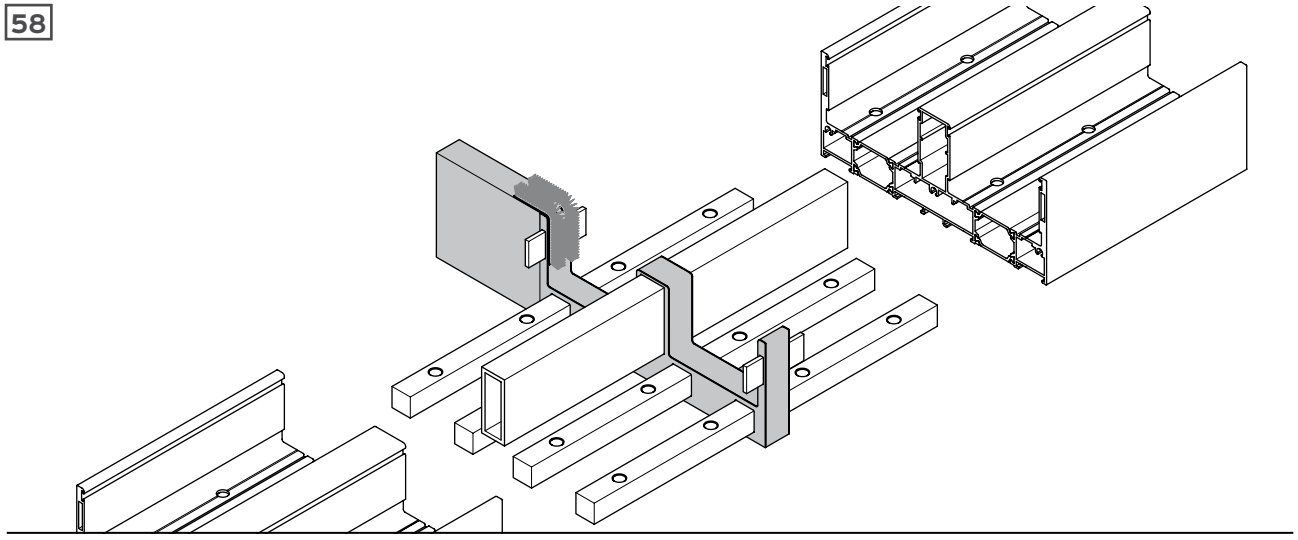
Montage Glasbruchsensor ohne E-Antrieb/Sperrelement.
Installation of the glass-breakage sensor without e-drive/ locking device.

57



Montage Glasbruchsensor mit E-Antrieb/Sperrelement.
Installation of the glass-breakage sensor with e-drive/ locking device.

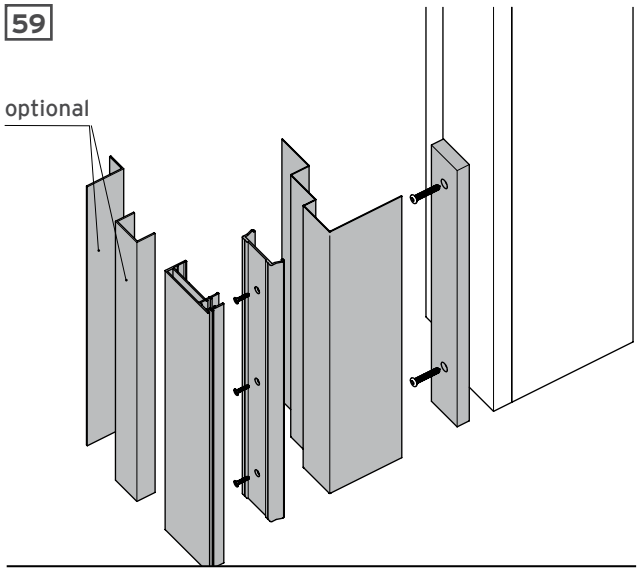
58



Wandtaschen-Dämmprofil montieren.
Install insulation profile for wall pocket.

VII. ZUBEHÖR | ACCESSOIRES

59



Senkrechte Profile nach Flügelmontage montieren.
Reihenfolge beachten!
Install lateral profiles after panel installation.
Watch the assembly sequence!

60

- Verschlussüberwachung
  Lock monitoring
- Elektromotorischer Antrieb/Gruppensteuerung
  Electromotive drive/Group control unit
- Sperrelement
  Locking device

Falls bestellt, separate Montageanleitung beachten.
If ordered, check separate installation instructions.

⚠ **ACHTUNG:**
Bei Anschluss an eine Alarmanlage sind die maximalen Kabellängen zu beachten (6 m bzw. 20 m).
Eine Verlängerung darf nur durch eine entsprechende Fachkraft installiert werden!

⚠ **ATTENTION:**
Note the maximum cable length (6 m / 20 m) when connecting to an alarm system!
An extension may only be installed by a qualified person!

NanaWall Limited Warranty

NanaWall is pleased to provide the following warranty to the owner of NanaWall products, including the initial purchaser and all subsequent owners ("Owner"), subject to all terms and conditions stated herein. This Warranty supersedes all previous product warranties and is the exclusive statement of all commitments and rights of NanaWall with respect to its products sold on or after May 1, 2023, to be installed in the United States (excluding territories) or Canada.

NanaWall shall have no obligation to respond under this Warranty until receipt of proper notice of a claim and an opportunity to respond. Upon notice and confirmation by NanaWall of a condition covered under this Warranty, NanaWall will respond in good faith and in a timely manner as follows:

TEN YEAR COVERAGE.

For ten (10) years from the date of delivery by NanaWall ("Delivery"), NanaWall will respond as follows:

Insulated Glass. For an insulated glass unit with a permanent material obstruction of vision due to a premature failure of the glass seal, NanaWall will ship a replacement glass unit or panel.
Exception: insulated glass units for cero® are covered for five (5) years from Delivery.

Powder Coat or Baked-on Fluoropolymer Surface Finish of Aluminum Profiles. For powder coat or baked-on fluoropolymer surface finish not functioning as an Effective Surface Material ("ESM"*), NanaWall will, at its option, (1) assume reasonable costs to restore the finish using standard commercial refinishing techniques or (2) ship replacement parts. Uneven fading is not a covered condition due to environmental variables.
Exception: Products installed within two (2) miles of any coastal area or body of salt water or other harsh or corrosive environments or chemicals ("Harsh Environments") are covered for one (1) year from Delivery, provided that the instructions in Specific Suggested Maintenance For Coastal Salt Water and Other Extreme Environments included in the Owner's Manual for each Product and is available for review on NanaWall's website, is properly implemented and documented.

**An ESM is a finish without (1) substantial cracking, chipping, or peeling due to the deterioration of the finish (exclusive of mechanical damage); (2) chalking in excess of a numerical rating of 8 as per ASTM D 659; or (3) fading or color changes in excess of 5 NBS units as per ASTM D 2244.*

Rollers. For a roller with material or workmanship issues that significantly impair proper operation and function, NanaWall will ship a replacement roller.

Wood and Other Remaining Components (for product installed by an independent NanaWall Certified Installer or Approved Installer*). For all remaining components of NanaWall products not otherwise addressed herein with a material or workmanship issue that substantially impairs operation and function, NanaWall will, at its option, (1) ship a replacement part or product or (2) ship any replacement part or replacement product in the same stage of fitting and/or finishing as originally supplied by NanaWall. This includes wood frame components, hinges, handles, locking mechanisms, tracks, beads, and weather-stripping.

FIVE YEAR COVERAGE.

For five (5) years from Delivery, NanaWall will respond as follows:

Laminated Glass. For a laminated glass unit with permanent material obstruction of vision due to premature delamination, NanaWall will ship a replacement glass unit or panel.

Wood and Other Remaining Components (for product NOT installed by an independent NanaWall Certified Installer or Approved Installer*). For all remaining components of NanaWall products not otherwise addressed herein with a material or workmanship issue that substantially impairs operation and function, NanaWall will ship a replacement part or product without charge in the same stage of fitting and/or finishing as originally supplied by NanaWall. This includes wood frame components, hinges, handles, locking mechanisms, tracks, and weather-stripping.

THREE YEAR COVERAGE.

For three (3) years from Delivery, NanaWall will respond as follows:

Anodized Surface Finish of Aluminum Profiles. For anodized surface finish of aluminum profile not functioning as an ESM,* NanaWall will, at its option, (1) assume reasonable costs to restore the finish on a non-compliant (non-ESM) material using standard commercial refinishing techniques or (2) ship replacement parts.
Exception: Products installed in Harsh Environments are not covered.

ONE YEAR COVERAGE.

For one (1) year from Delivery, NanaWall will respond as follows:

Screens. For a screen part (excluding the screen mesh) with a material or workmanship issue that substantially impairs the function of the screen, NanaWall will, at its option, (1) ship a replacement screen or (2) upon return by owner, repair the screen without charge.

ADDITIONAL SERVICE INFORMATION

This Warranty does not cover labor costs to remove existing parts or products, install a replacement part or product, costs to finish wood products, or the cost to repair or replace surrounding substrates, trim, or other work. Nor does it cover costs incurred due to delays or other construction costs, costs for late or damaged delivery, loss of revenue, loss of time, liquidated damages, inconvenience, or loss of use of the product or any parts or components. NanaWall reserves the right to determine whether or not a covered condition exists. If the claim is not covered under this Warranty, NanaWall may charge and collect a fee for on-site product inspections.

Any replacement part or product will be shipped to the location of original product delivery by NanaWall. Replacement products will be the closest equivalent current product and may not be an exact match to the original. Any replacement parts or any repairs are warranted for the remainder of the original limited warranty period. If providing a replacement part or product is not commercially practicable, NanaWall may elect to refund the purchase price of the affected product in full satisfaction of its obligations.

Wood. Wood components must be properly finished on all sides promptly after receipt of unit, before installation, and prior to exposure to weather. Repair or replacement of a warped wood panel or frame can be delayed by up to 12 months from date of claim to allow the wood component to adjust to local environmental conditions.

Glass. Unloading the replacement glass/panel from the delivery truck is the responsibility of the owner. Due to the weight of the product, appropriate manpower and/or equipment will be needed to unload and move the glass/panel to the location for replacement. Depending on the size of the replacement part and interior building dimensions, it may not be possible to transport the glass/panel through the interior of the building. NanaWall is not responsible for any costs associated with moving the replacement glass/panel at the delivery location.

**Whether an installer is a NanaWall Certified Installer or Approved Installer is determined by the installer's status as of the date of delivery. NanaWall maintains information regarding the installers designated as Certified Installers or Approved Installers.*

NOTICE PROCESS

Written notice of any claim under this Warranty with supporting documents such as photos or videos must be given to Nana Wall Systems, Inc. via email to service@nanawall.com or via mail to 100 Meadowcreek Drive, Corte Madera, CA 94925, promptly when discovered. A condition will not be covered under this Warranty if there is a failure to notify NanaWall in writing (1) within 7 days of receipt of the product for any defect which an ordinary inspection would reveal, (2) within a reasonable time during the warranty period after an impairment in operation and use is manifest or a hidden defect is discovered, or (3) for claims first made after expiration of the coverage period outlined in this Warranty.

DISCLAIMERS & LIMITATIONS

Any responsibility of NanaWall is contingent upon owner fulfilling its notice obligations as stated in this Warranty. The owner shall have no standing to assert a claim absent timely notice to NanaWall and an opportunity to cure. The remedies prescribed in this Warranty are the exclusive and sole remedies available to the owner who hereby waives any claim not encompassed herein. This exclusivity and waiver survive expiration of warranty coverages herein. In no event shall the liability of NanaWall or any seller of NanaWall product exceed the price paid for the product.

This Warranty is the sole and exclusive warranty for NanaWall products. **ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE DISCLAIMED. NANAWALL SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.** Some state and federal laws may not allow disclaimers of implied warranties or exclusions of incidental or consequential damages, so these limitations or exclusions may not apply to you. Where federal law prohibits disclaimer of implied warranties, the duration of any implied warranty is limited to the duration of the relevant coverage period, if less than the statutory limitation period. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This Warranty may only be modified by a writing signed by an officer of NanaWall. Any action taken by NanaWall does not create a new warranty or extend the duration of the original product warranty. A failure by NanaWall to enforce a warranty provision shall not constitute a waiver barring subsequent enforcement.

EXCLUDED CONDITIONS.

This Warranty does not cover the following conditions, or any damage or issues caused in whole or part by the following:

- Improper product selection, application, storage, handling, modification, or waterproofing; Movement of surrounding substrates, including deflection of the header of more than ¼", or any other stresses on product; Improper installation, flashing, or integration into the structure; Failure to provide an adequate overhang; Failure to prevent the effects of sheeting rain or water; Failure to install proper weep holes in sill where needed, and failure to properly drain water exiting weep holes in the sill; Failure to meet code or specification requirements.
- Finishing by anyone other than NanaWall, including, but not limited to, not properly finishing all sides of wood products promptly after receipt of unit, before installation, and before exposure to weather, finishing exterior wood in dark colors, or not refinishing periodically; Discoloration of finish; Failure to immediately repair any breaches such as scratches, chips, or abrasions in any finish or aluminum profile.
- Condensation, frost, or mold caused by high interior relative humidity; Installation near swimming pools, saunas, hot tubs or other high humidity environments or sources of chlorine; Harsh chemicals such as road salt, solvents, acid, brick or mortar wash, or cleaning chemicals; Corrosion, oxidation, discoloration or tarnish on product installed in Harsh Environments.
- Normal weathering, wear and tear; Failure to follow the NanaWall operation and maintenance instructions; Failure to operate the product for more than one month; Failure to clean and maintain aluminum surfaces in accordance with AAMA 609 and 610 or not maintaining adequate cleaning records.
- Imperfections in glass that do not affect the product's structural integrity or obscure vision and cannot be detected from within 10 feet as per ASTM C 1036; Accidental or spontaneous glass breakage; Glass breakage due to thermal or other stresses, or glass with film or other coatings applied to the surface; Industry accepted bow, warp or distortion in glass and minor variations in glass color; Glass not installed as per NanaWall's instructions.

- Variations in wood grain or color; Warp within the allowable warp tolerance for wood panels per ANSI/WDMA I.S. 6-A-01; Warp that does not affect the normal functioning of the Product; Warpage on wood panels caused by leaving panels in the open position exposed to the elements or not engaging the locking points properly when in the closed position; Resin or sap bleeding from wood panels.
- Panel shrinkage or expansion caused by change in weather; Expansion or bowing of aluminum units caused by exposure to sunlight or caused by temperature difference between interior and exterior panel surfaces.
- Acts of God, falling objects, fire, accidents, external forces, extreme weather events, or other conditions beyond NanaWall's control.
- Gas fill or retention levels in insulated glass units.
- Field testing of Product; Performance of the Product in conformance to any published NanaWall testing results (e.g. air infiltration, water infiltration, structural loading, thermal and sound). Published test results measure the laboratory performance of a single sample of the product of a certain size, sill and configuration that may not be applicable to the Product being field tested. Performance during testing may vary depending upon handling, installation, use, maintenance, and time after installation. Field testing must be in compliance with AAMA 502, including water penetration testing at 2/3 of the pressure of applicable published test results.
- Products or components not supplied by NanaWall; Products that have not been paid for in full; Products ordered in larger sizes or special configurations beyond NanaWall's published specifications. Product with glass that is heavier than NanaWall specifications; Product that has been modified or altered in any manner.

NanaWall®
Boundaries **Unbound**®

Nana Wall Systems, Inc.
100 Meadowcreek Drive #250
Corte Madera, CA 94925

800 873 5673
415 383 3148
Fax 415 383 0312

info@nanawall.com
nanawall.com

NanaWall Warranty Registration

Must be filled out and returned to Nana Wall Systems, Inc., 100 Meadowcreek Drive, Corte Madera, CA 94925 within 30 days from date of purchase of the NanaWall in order for the limited warranty to become effective.

NANAWALL ORDER # _____ **PROJECT NAME** _____

Date of Purchase_____ Purchaser Name _____

PROPERTY OWNER

Name _____ Address _____

Telephone _____ E-mail _____

Project Address (if different from above) _____

INSTALLATION

Installer Name _____ Address _____

Telephone _____ E-mail _____

Type of project ☐ new residential ☐ restaurant ☐ shopping mall

☐ residential remodel ☐ office building ☐ other _____

Architect Name _____ Address _____

1. Is the installation complete? ☐ yes If yes, date completed _____

   ☐ no If no, date scheduled _____

2. Have you been shown how to operate your new NanaWall? ☐ yes Is operation satisfying? ☐ yes ☐ no

   ☐ no If no, why not? _____

Print Name _____

Signature _____ Date _____

NanaWall®
Boundaries **Unbound**®

Nana Wall Systems, Inc.
100 Meadowcreek Drive #250
Corte Madera, CA 94925

800 873 5673
415 383 3148
Fax 415 383 0312

info@nanawall.com
nanawall.com