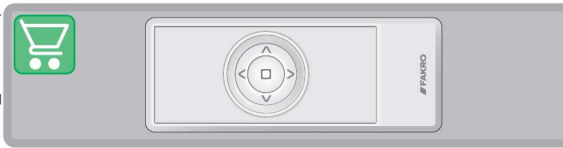
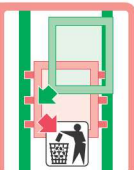
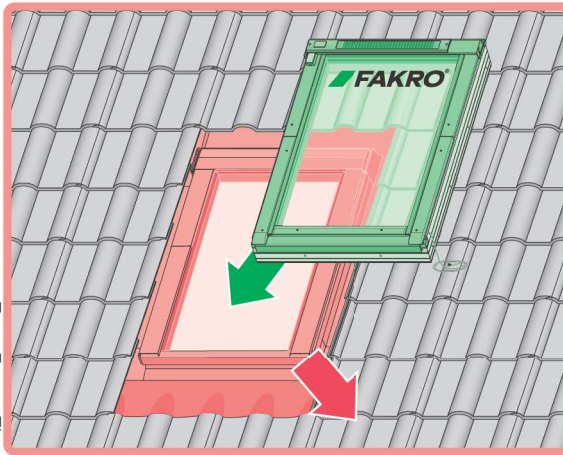
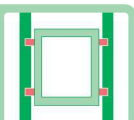
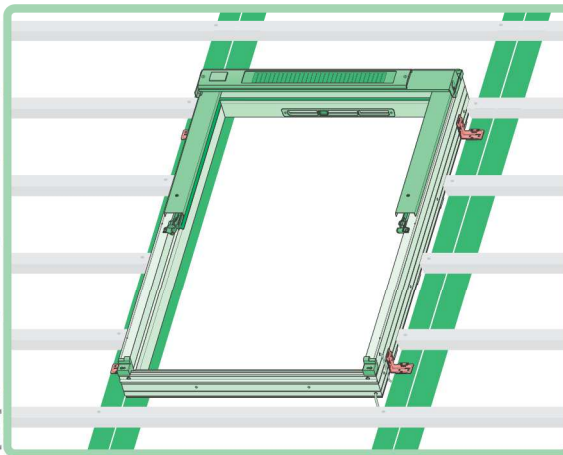
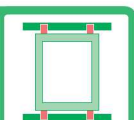
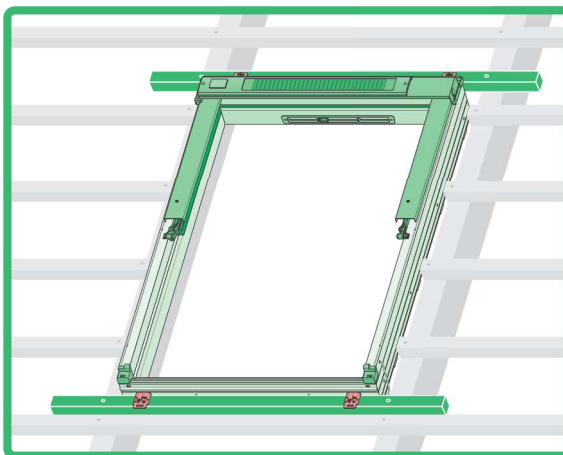
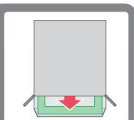


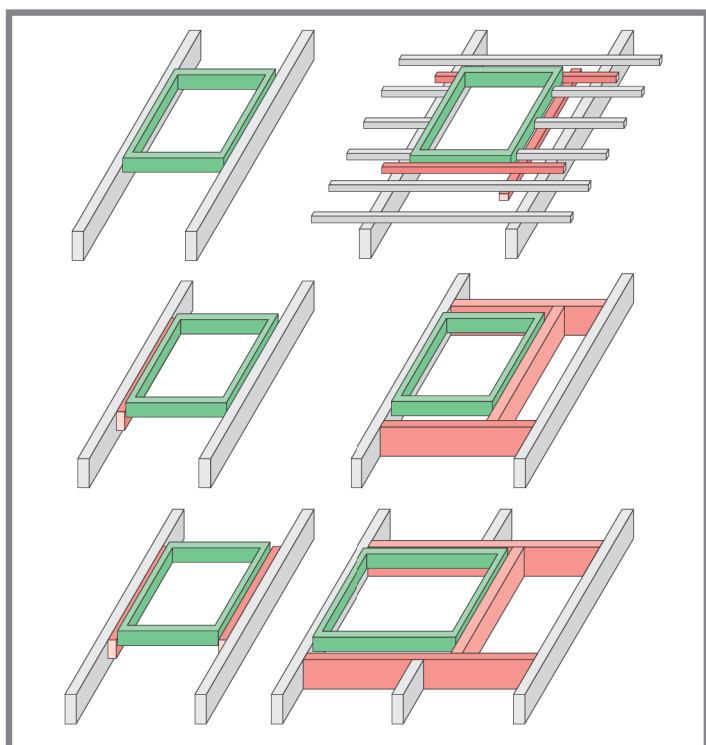
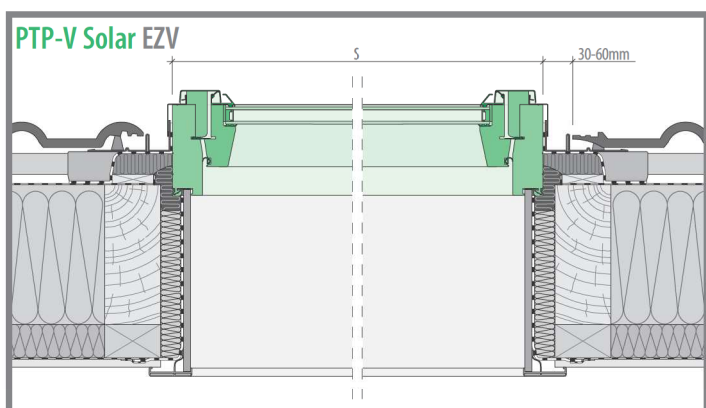
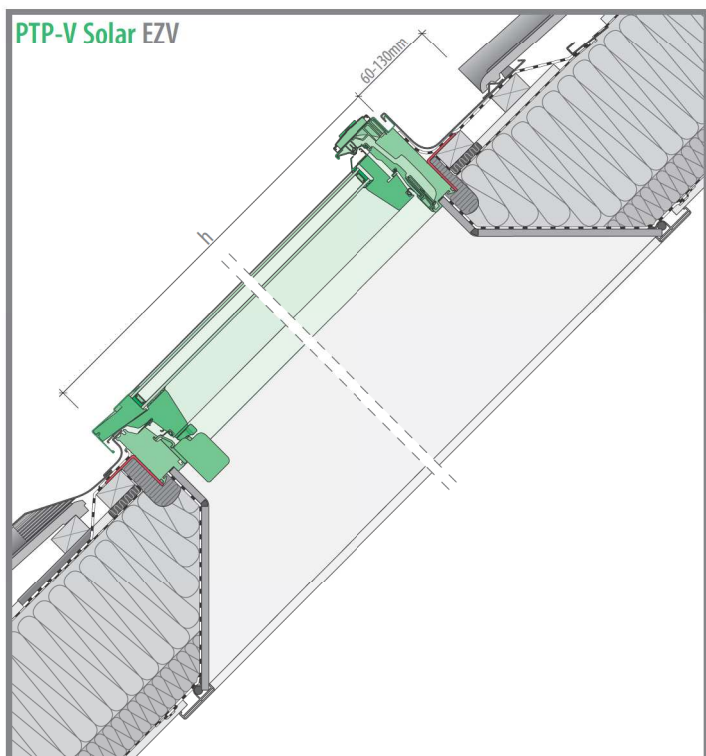


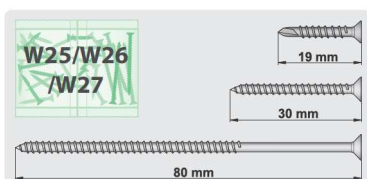
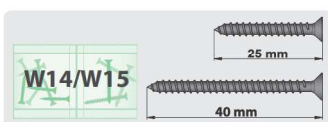
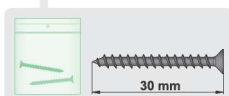
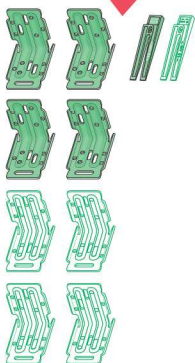
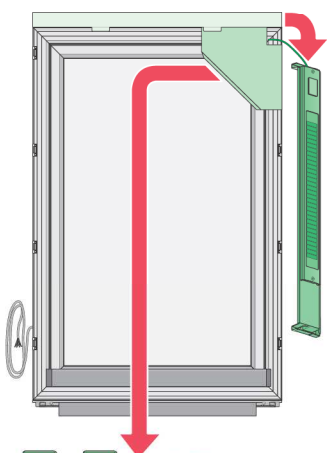
**FAKRO®**

**PTP-V Solar**

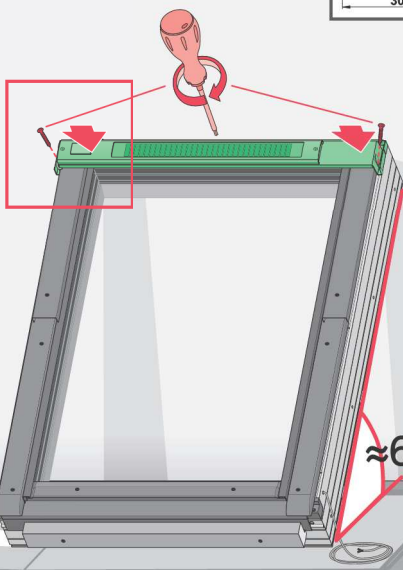
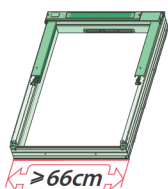
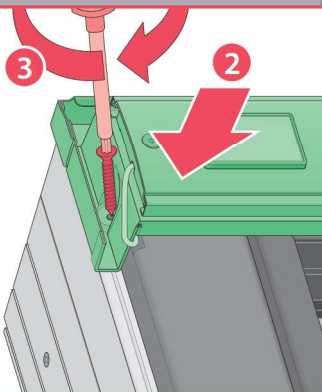
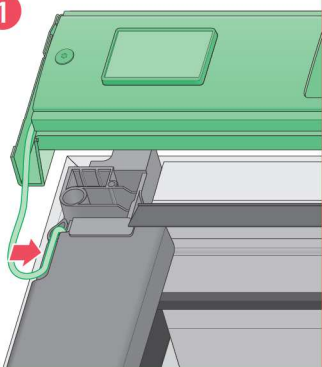
**PTP-X Solar**

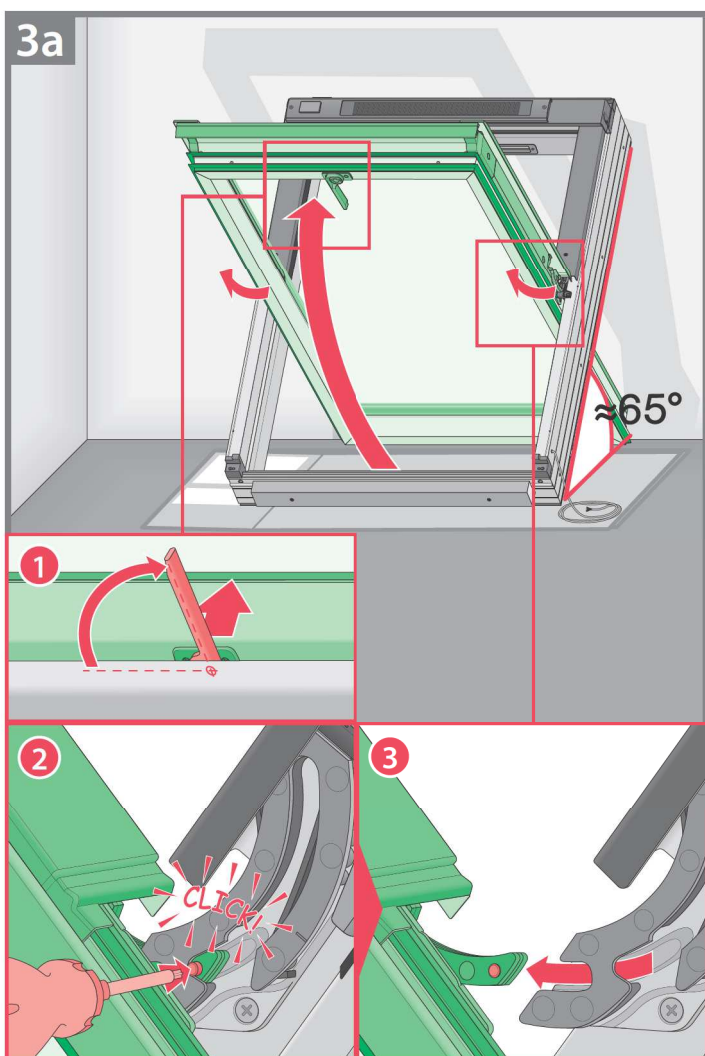
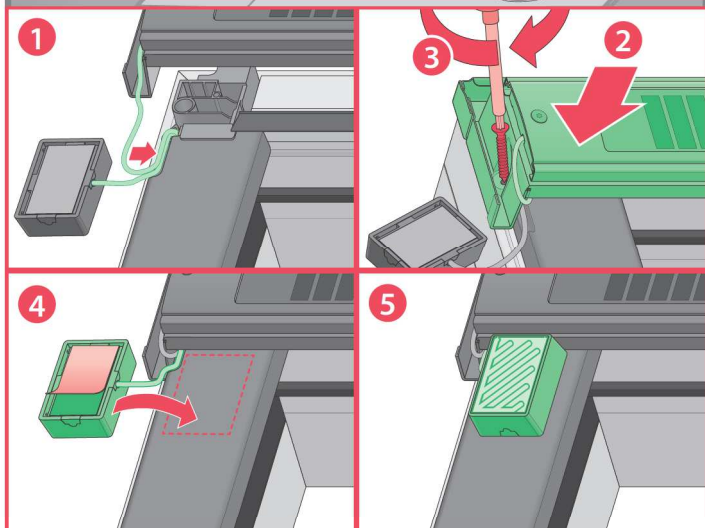
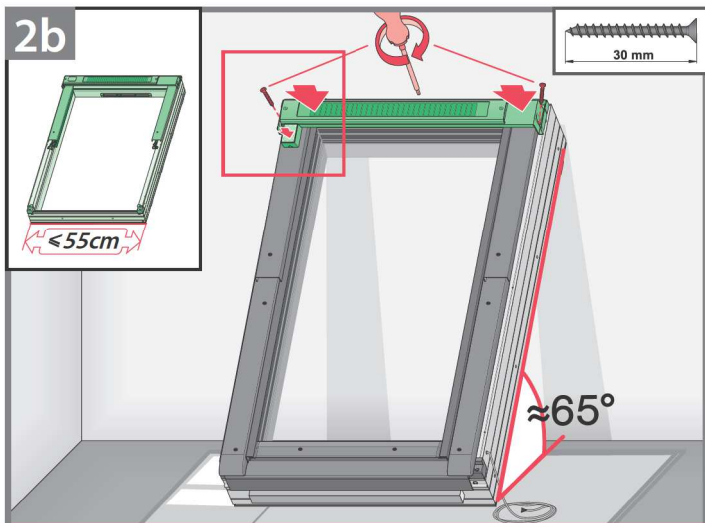




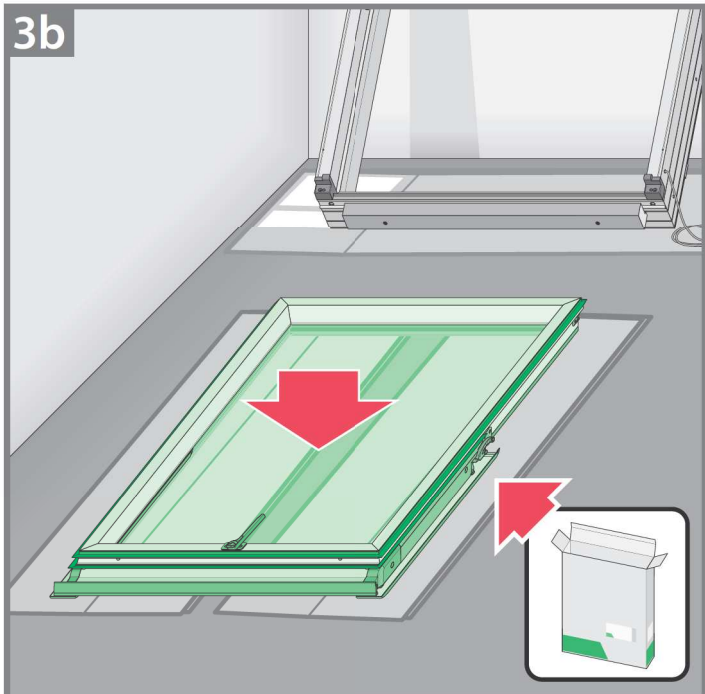


2a

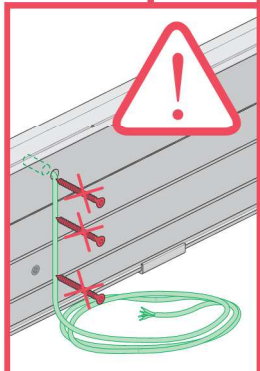
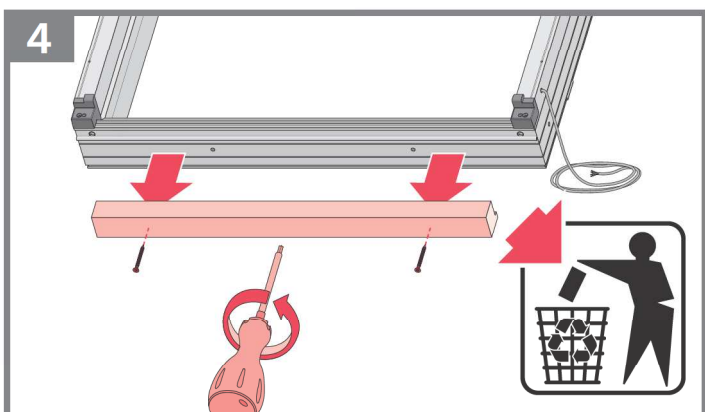
 $\approx 65^\circ$ 

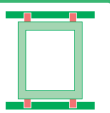


3b

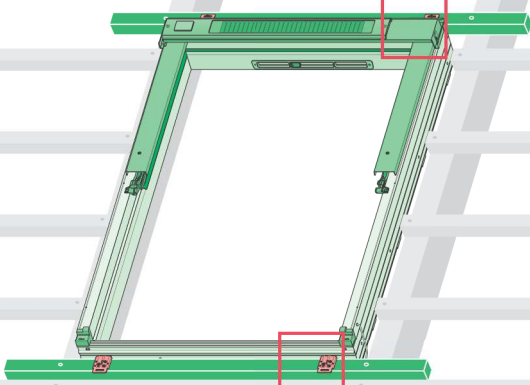
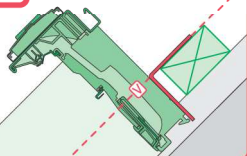


4

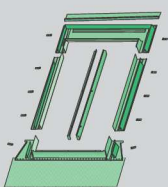
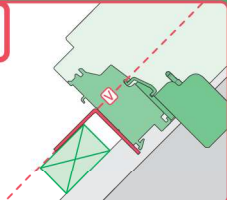




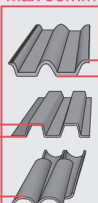
"V"



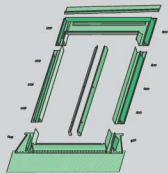
"V"



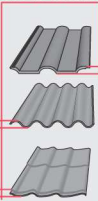
max 90mm



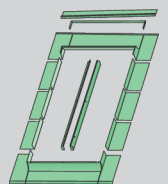
|     |   |   |
|-----|---|---|
| -   | - | - |
| EHV |   |   |
| -   | - | - |



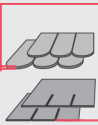
max 45mm



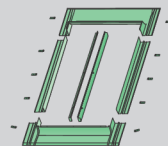
|     |   |   |
|-----|---|---|
| -   | - | - |
| EZV |   |   |
| -   | - | - |



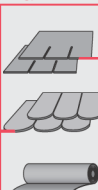
max 5mm



|     |   |   |
|-----|---|---|
| -   | - | - |
| ELV |   |   |
| -   | - | - |

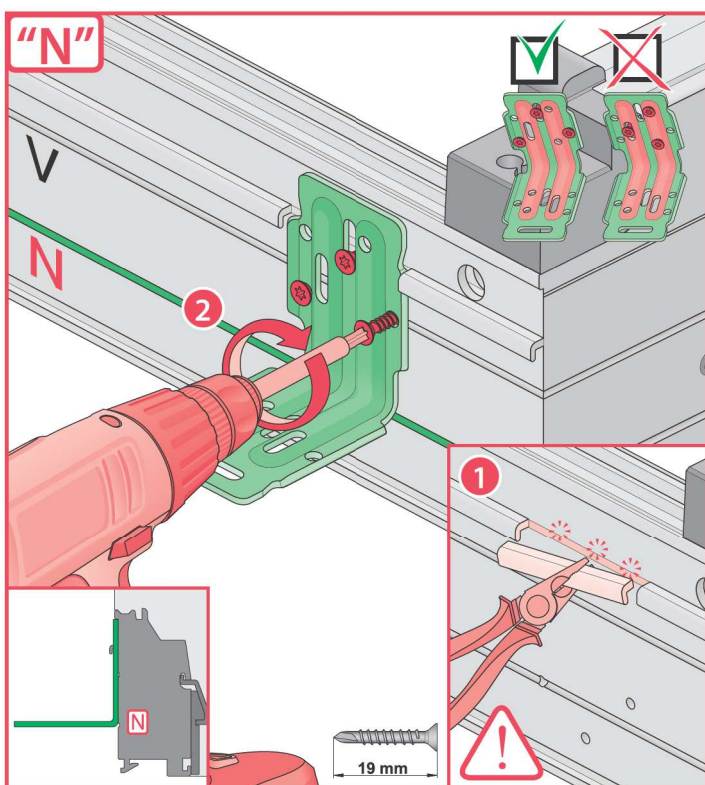
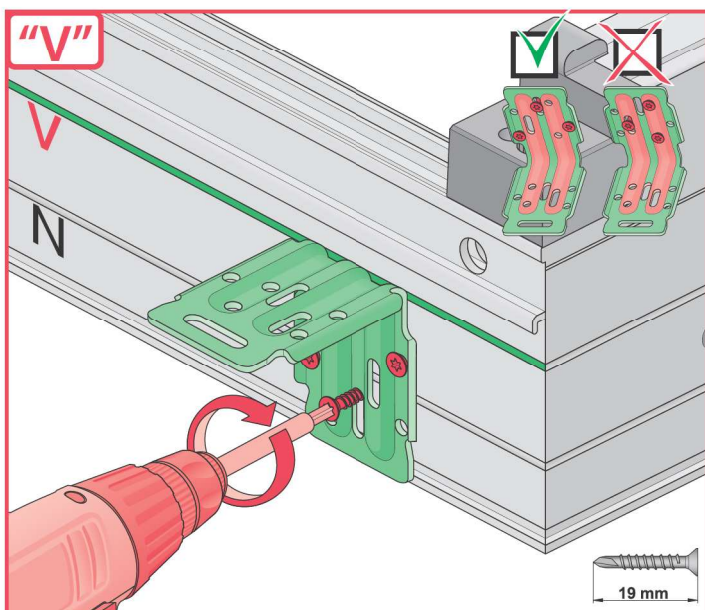
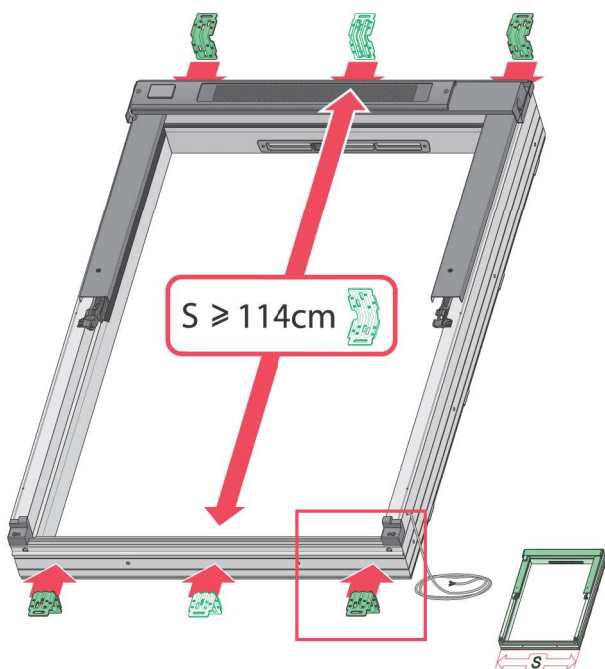


max 5mm

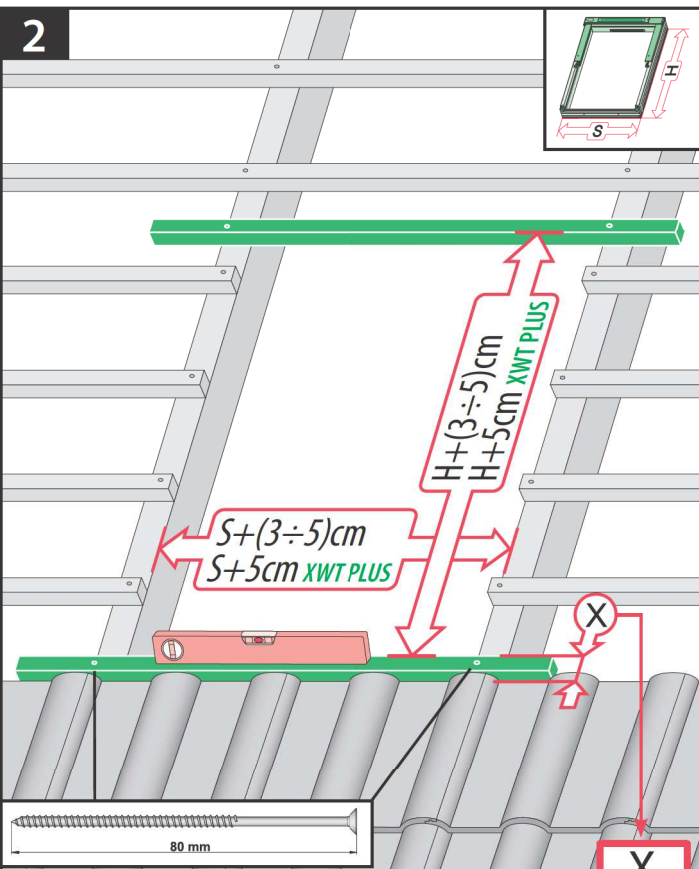
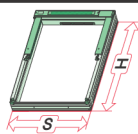


|     |   |   |
|-----|---|---|
| -   | - | - |
| ESV |   |   |
| -   | - | - |

1



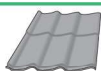
2



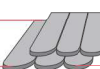
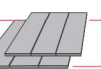
X



max 90mm

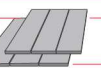
EHN 7-10cm  
EHV 7-10cm

max 45mm

EZN 6-8cm  
EZV 6-8cm

12-16mm

EGV 6cm

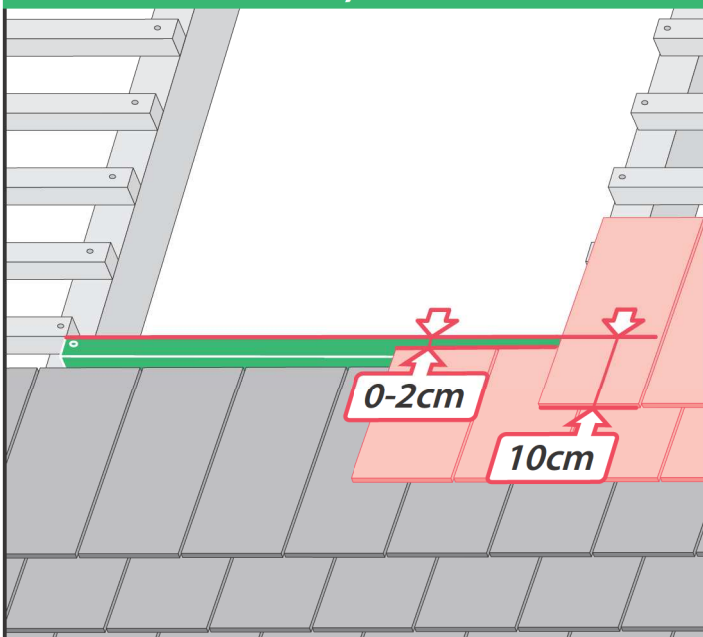


12-16mm

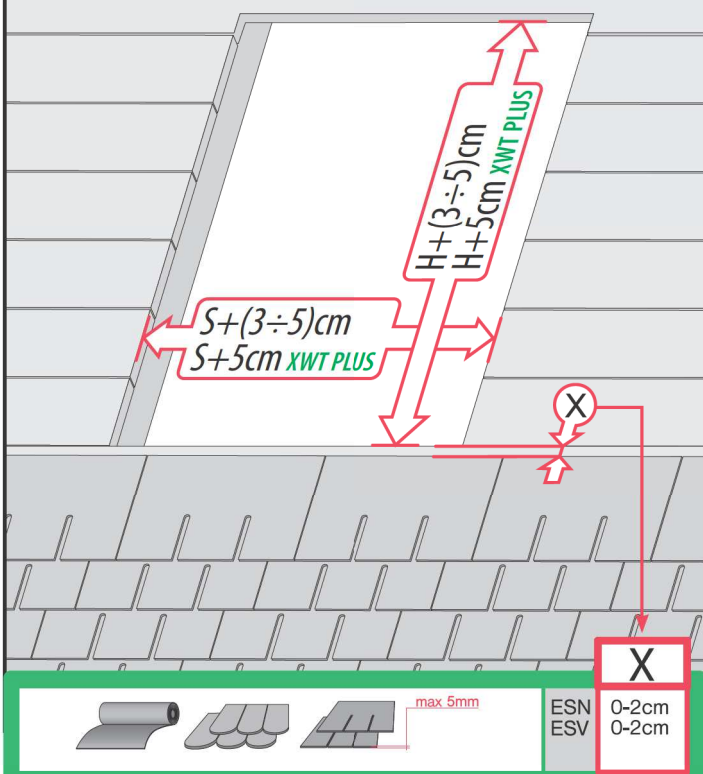
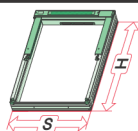
EPV 6cm

max 5mm (V)  
max 15mm (N)ELN 0-2cm  
ELV 0-2cmEEN 0-2cm  
EEV 0-2cm

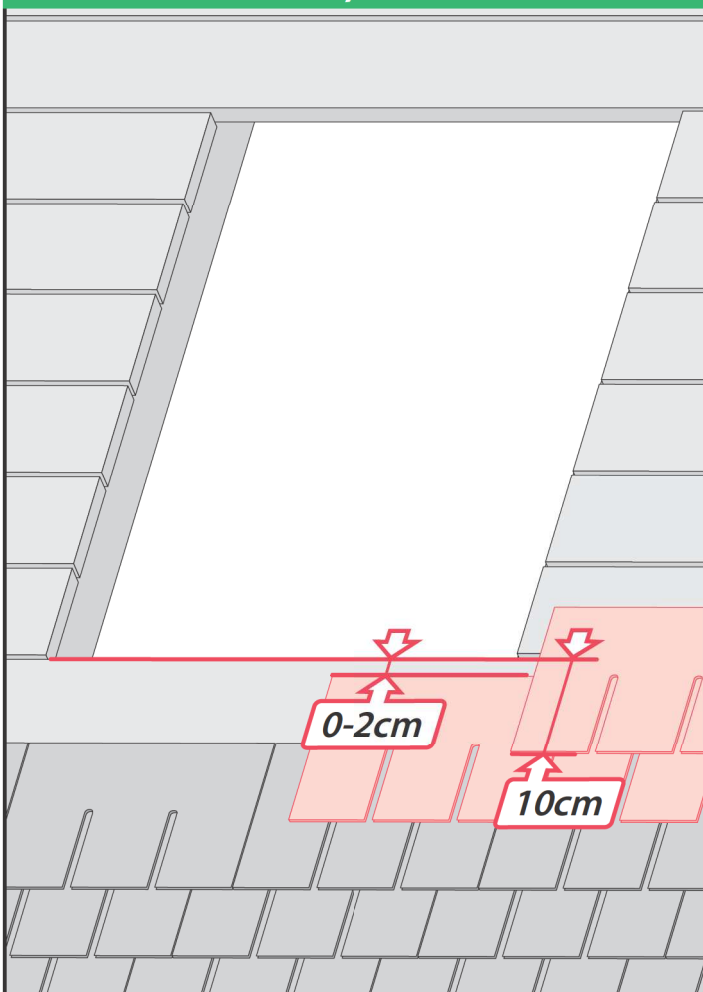
ELN, ELV



3



ESN, ESV



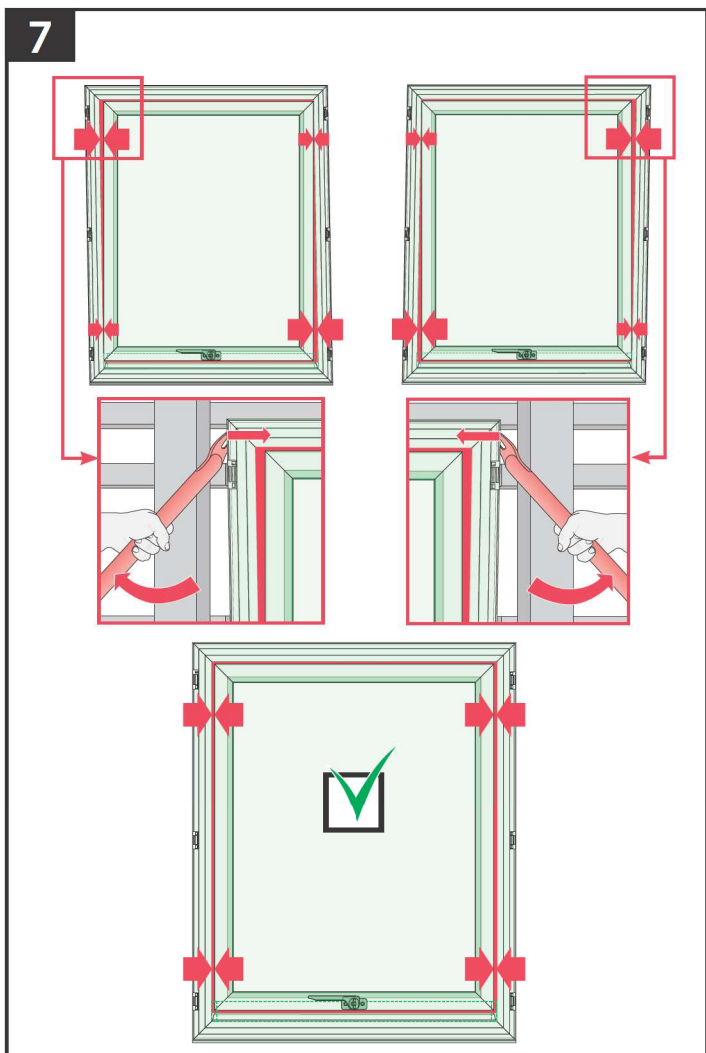
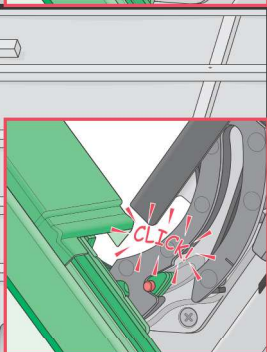
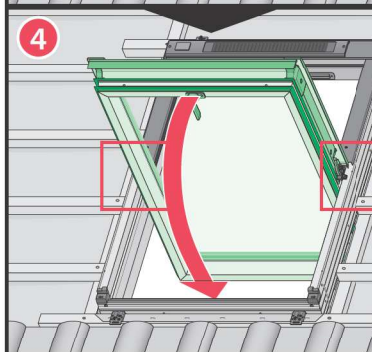
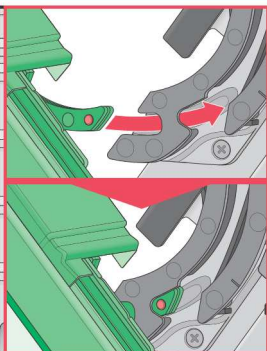
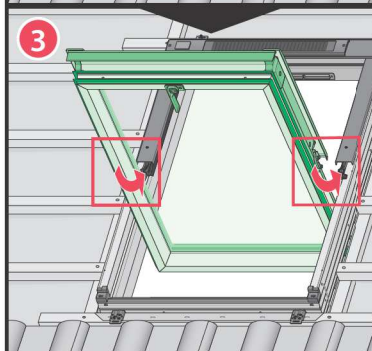
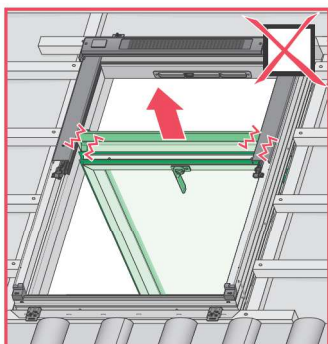
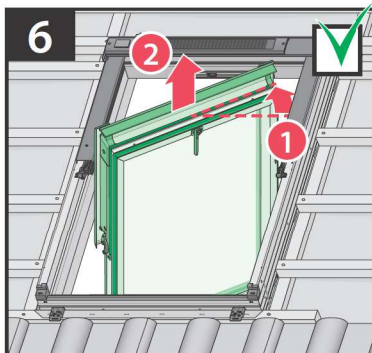
4

5

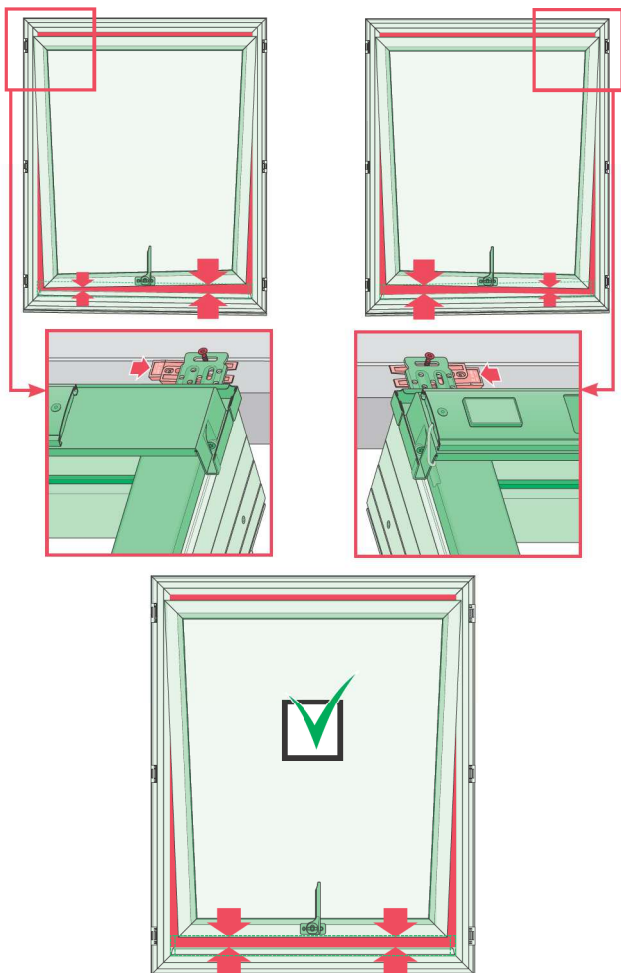
30 mm

1 cm

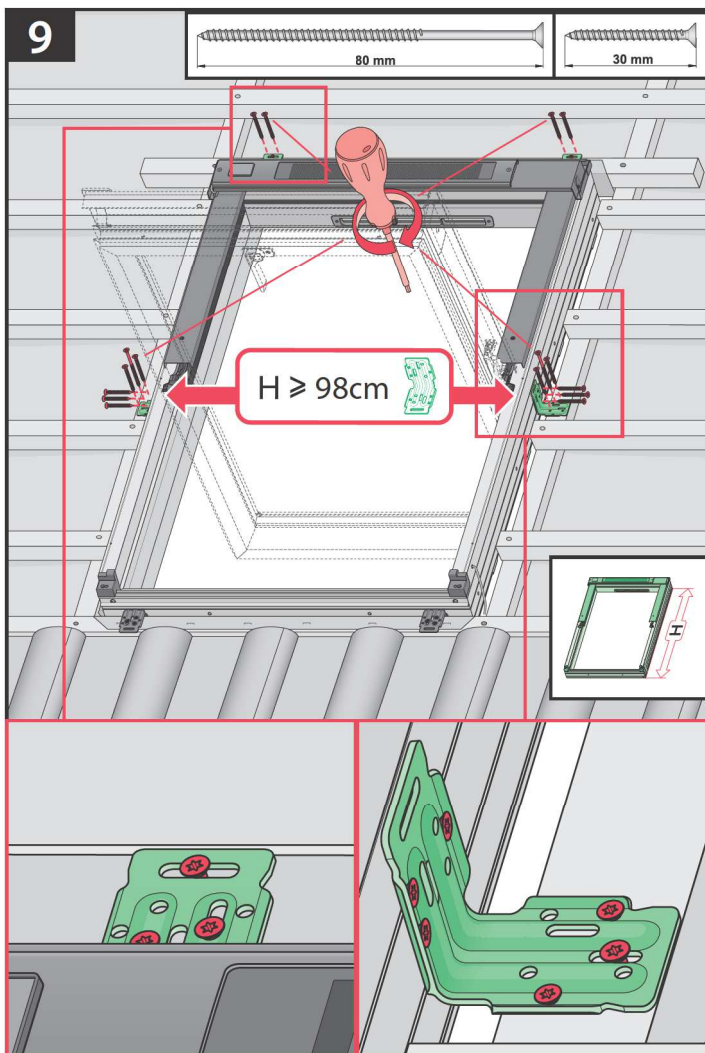
20 cm



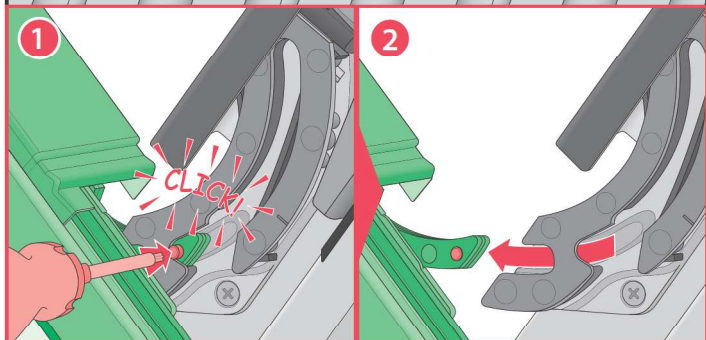
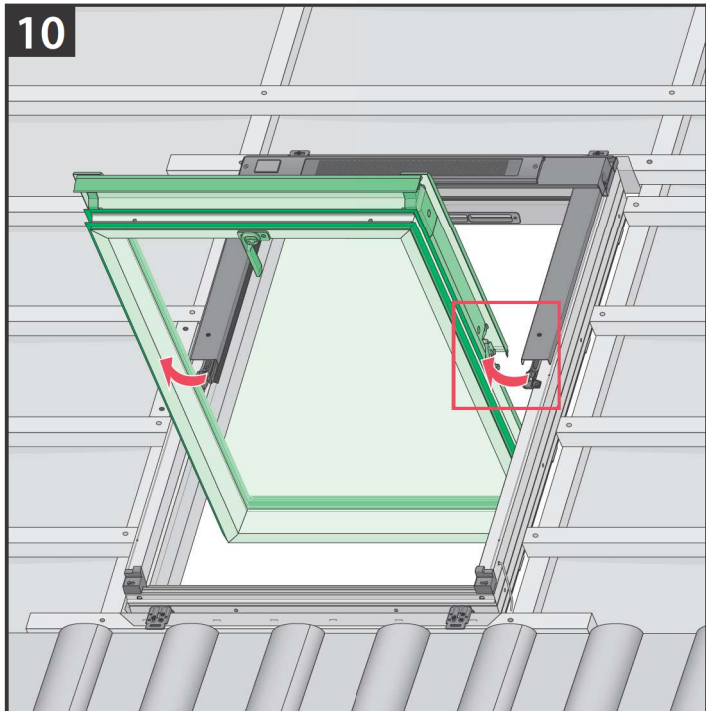
8



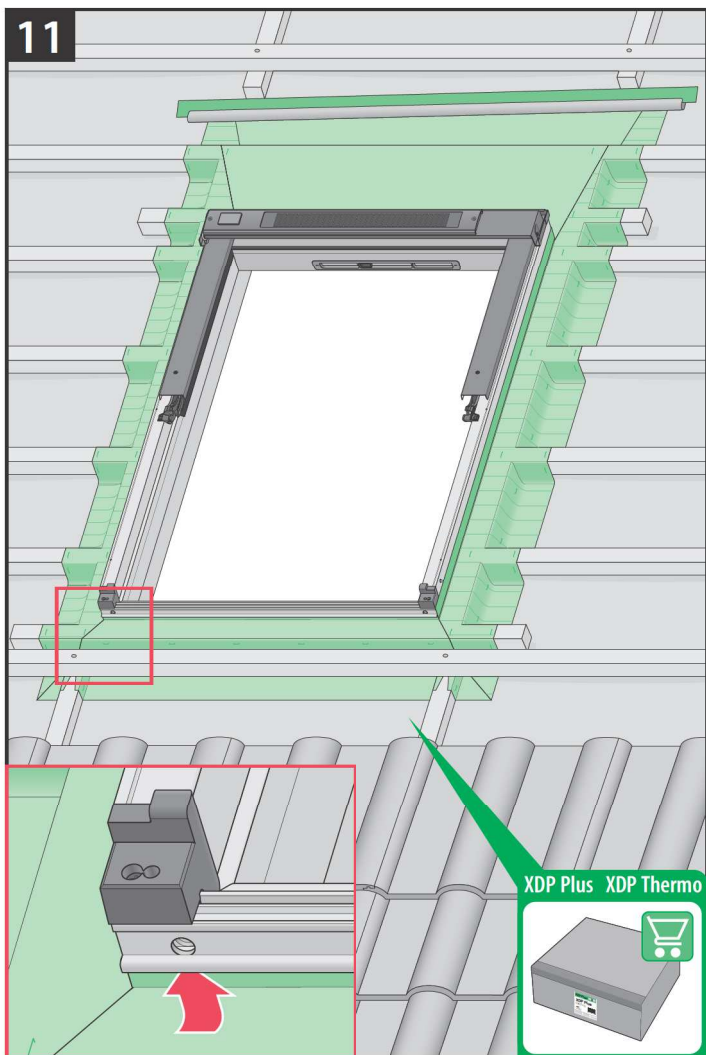
9



10



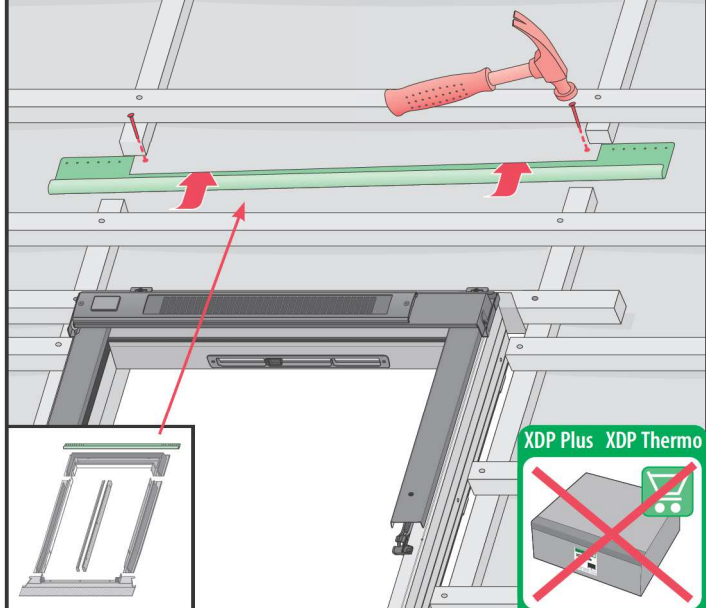
11



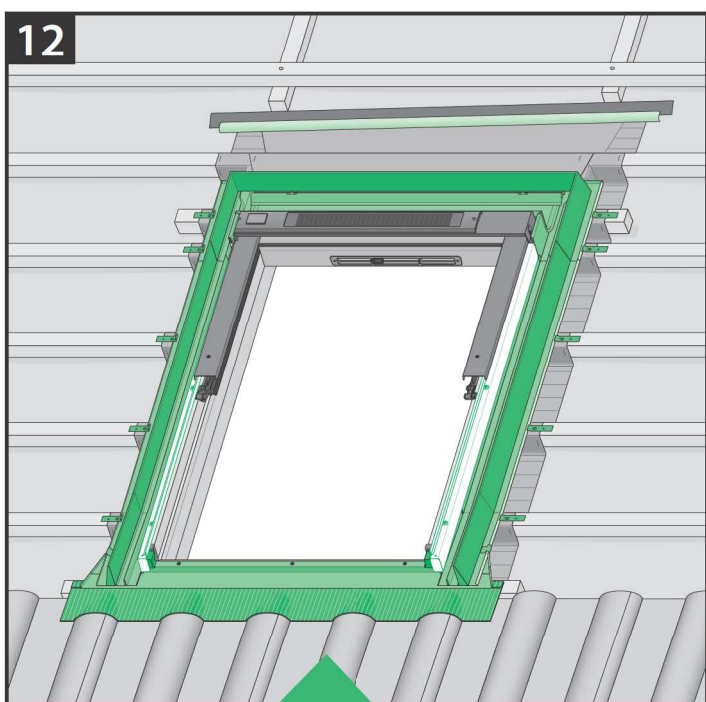
XDP Plus XDP Thermo



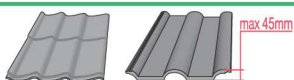
11\*



12



EHN  
EHV



EZN  
EZV



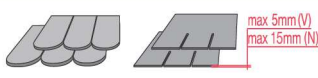
ESN  
ESV



EGV



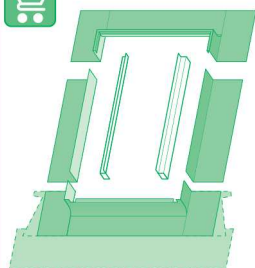
EPV

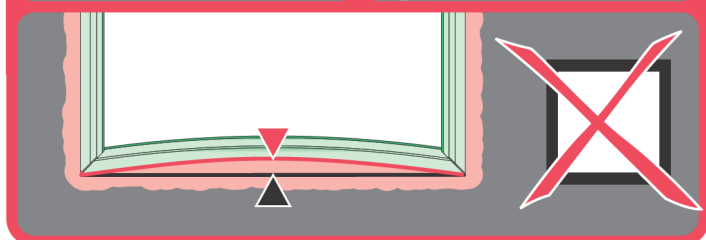
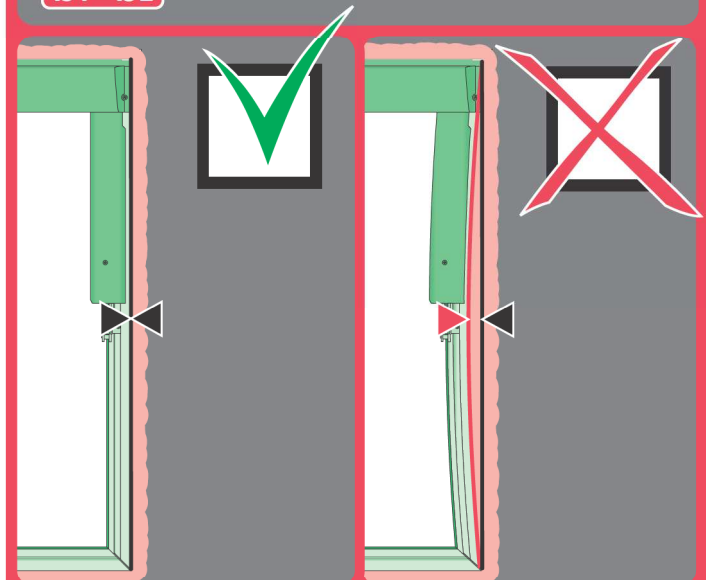
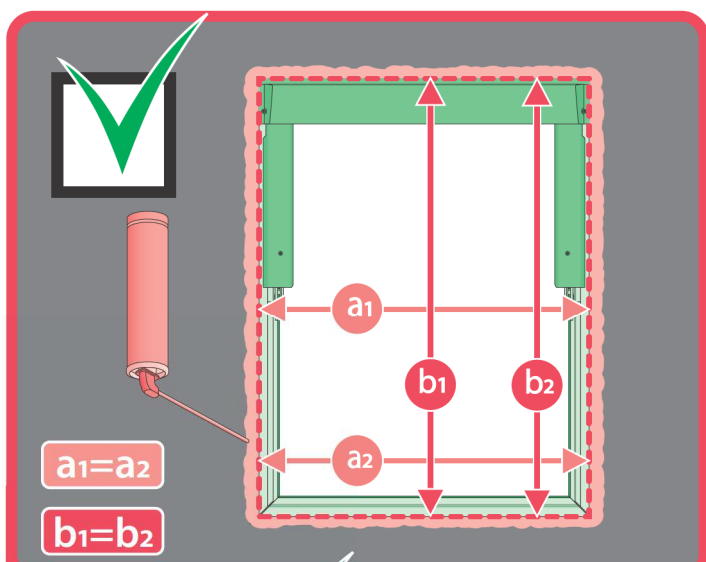
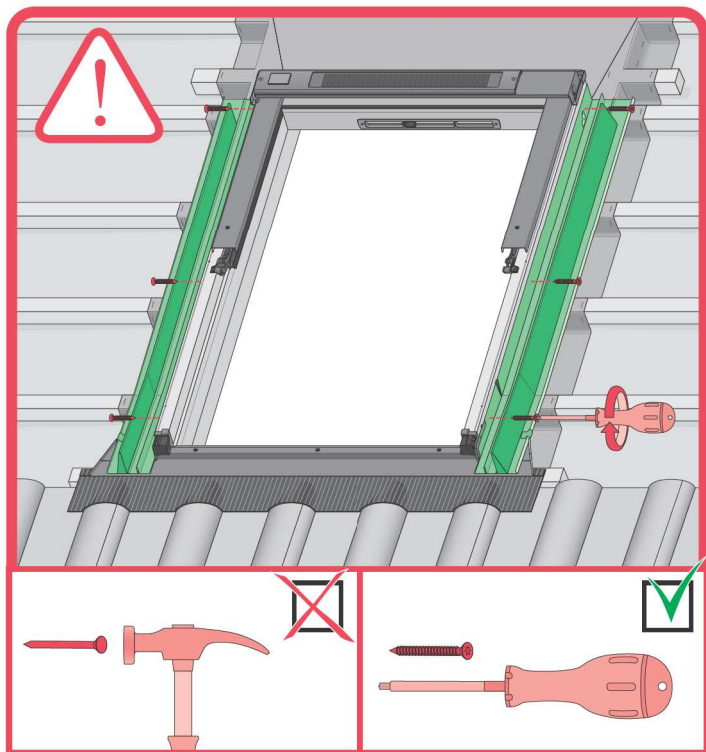


ELN  
ELV

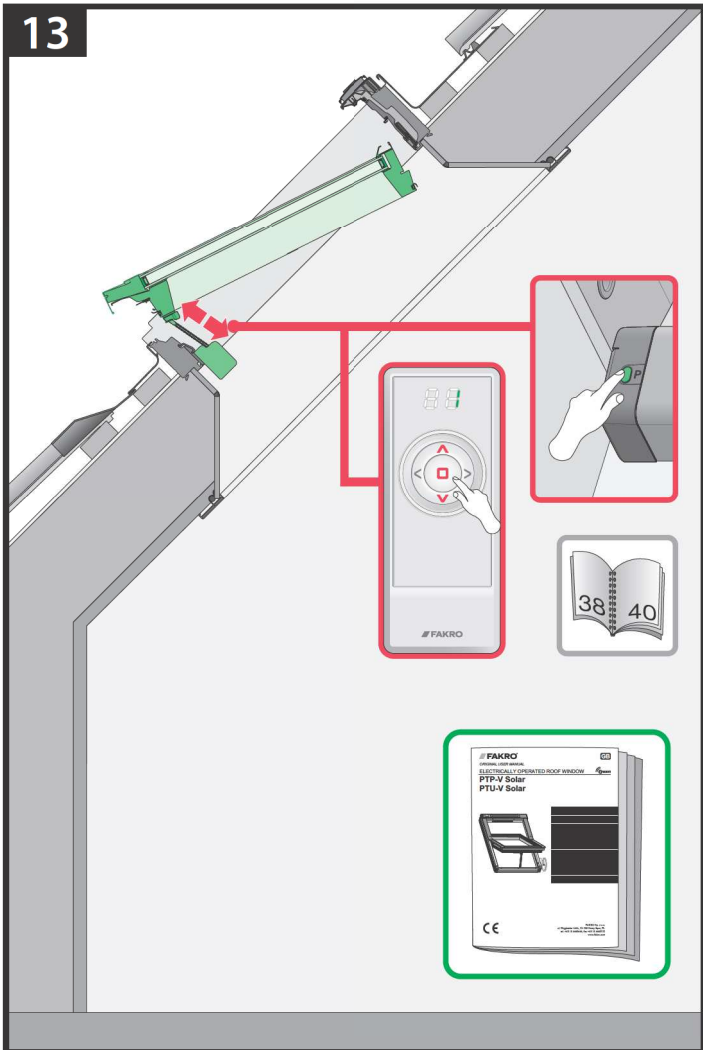


EEN  
EEV

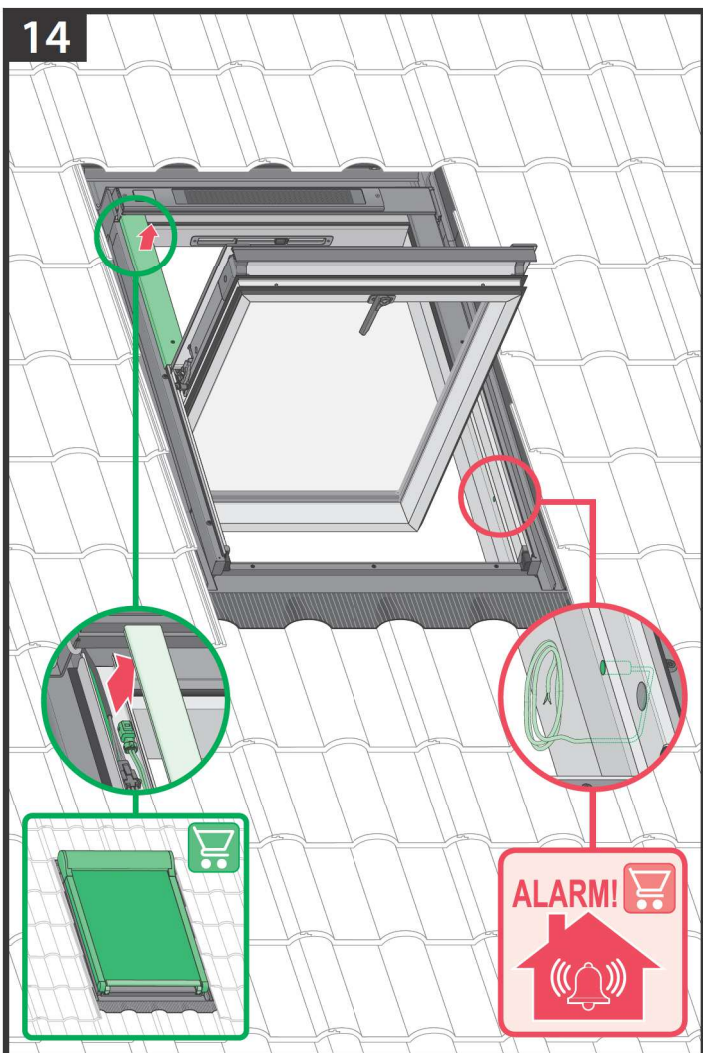


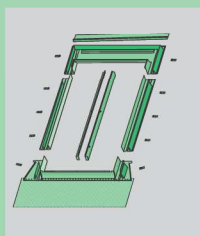
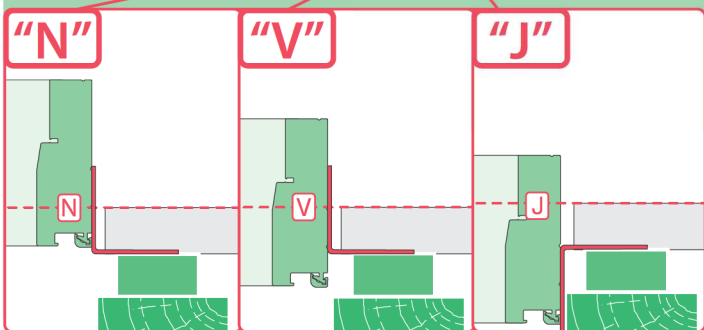
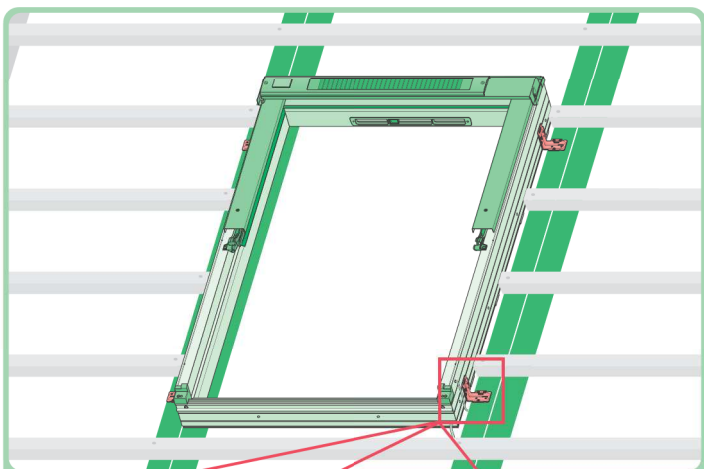
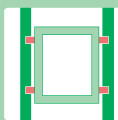


13

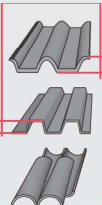


14

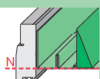




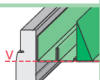
max 90mm



**EHN**



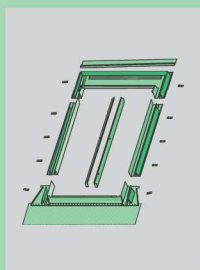
**EHV**



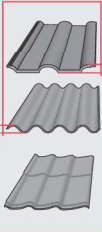
-

-

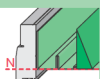
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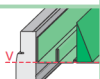
max 45mm



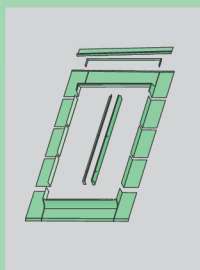
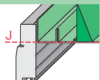
**EZN**



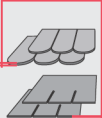
**EZV**



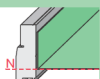
**EZJ**



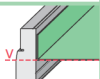
max 15mm (N)  
max 5mm (V)  
max 5mm (J)



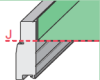
**ELN**



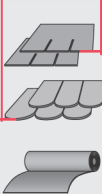
**ELV**



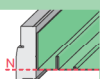
**ELJ**



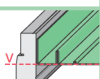
max 5mm



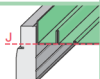
**ESN**



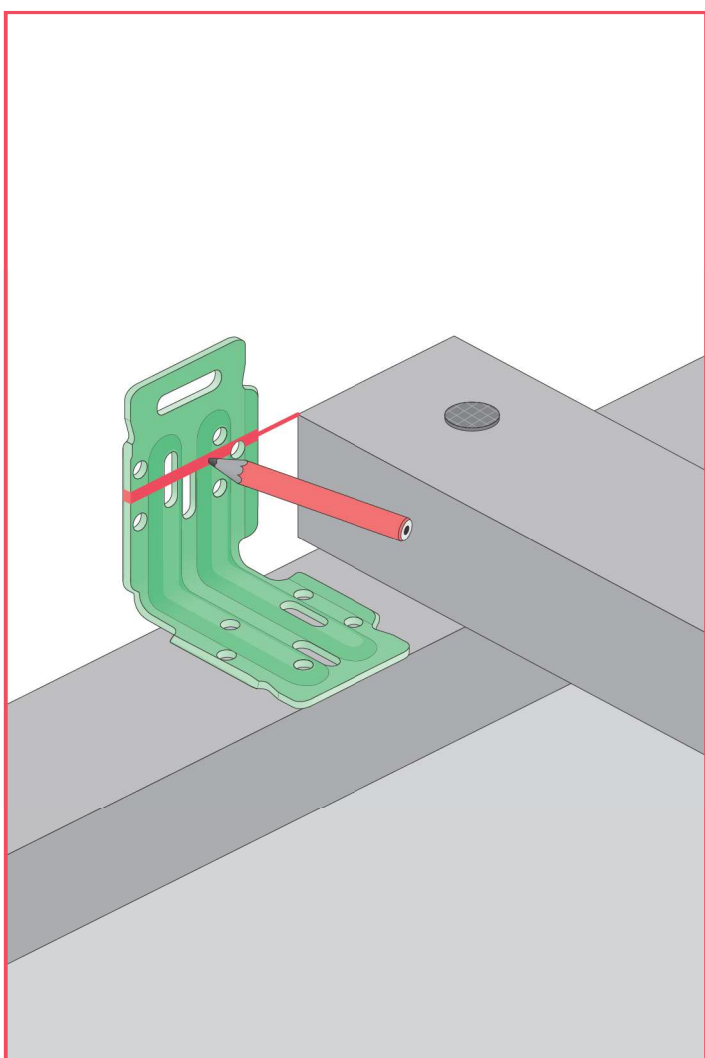
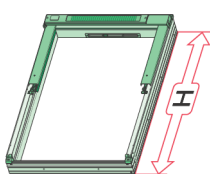
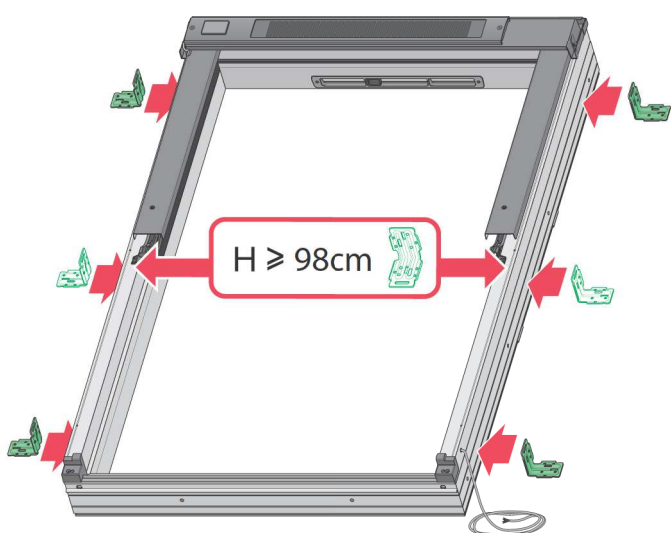
**ESV**

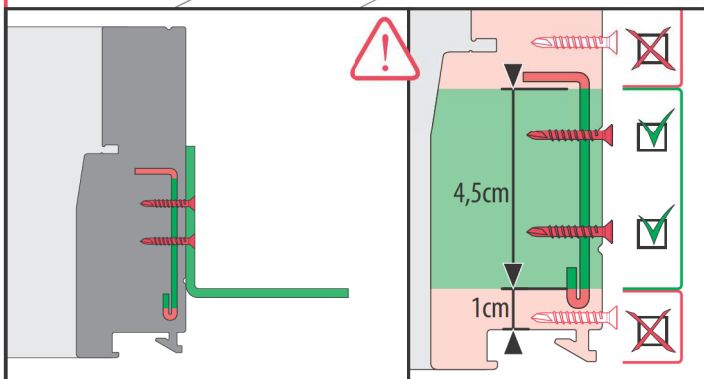
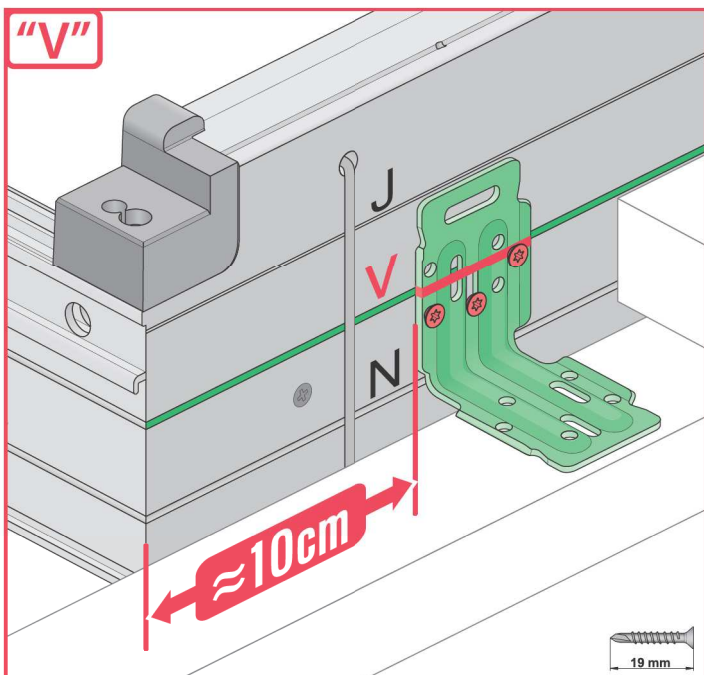
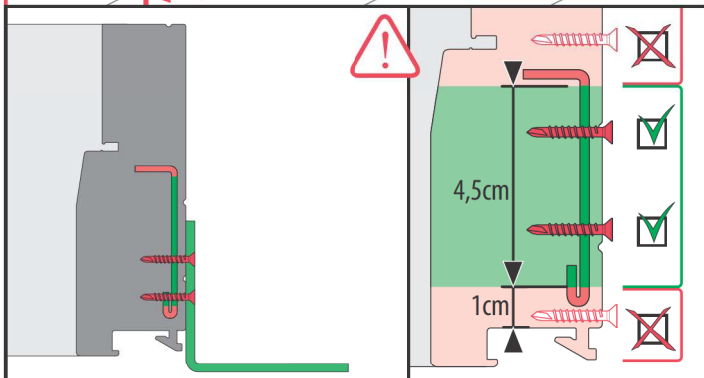
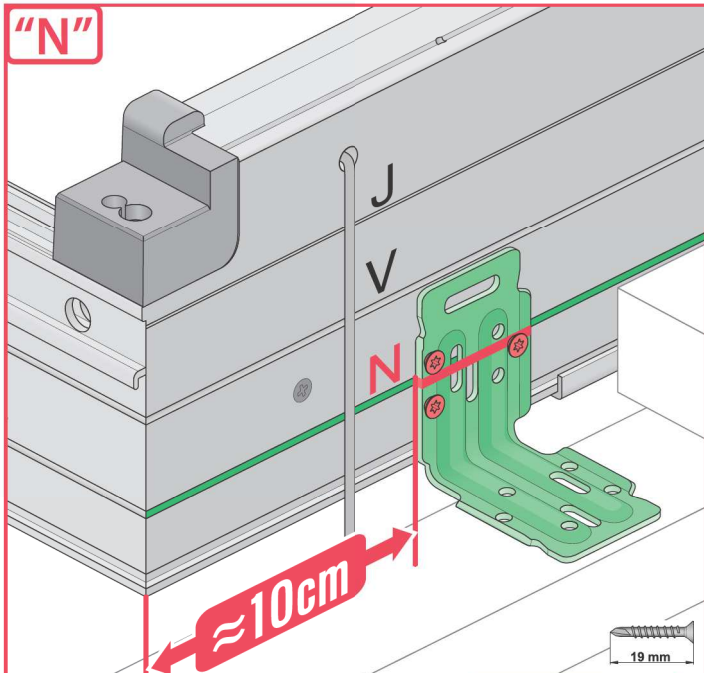


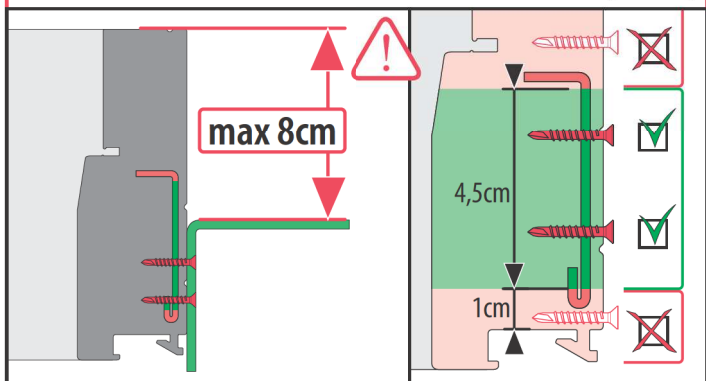
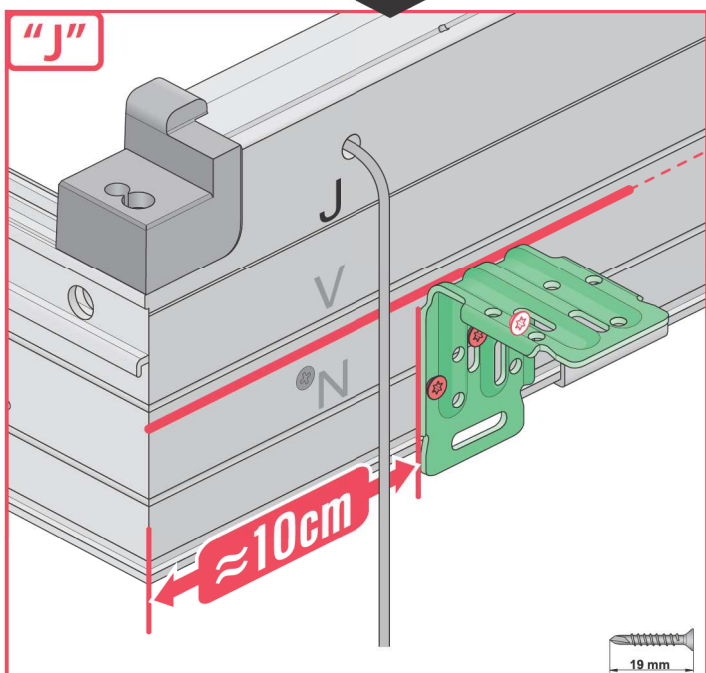
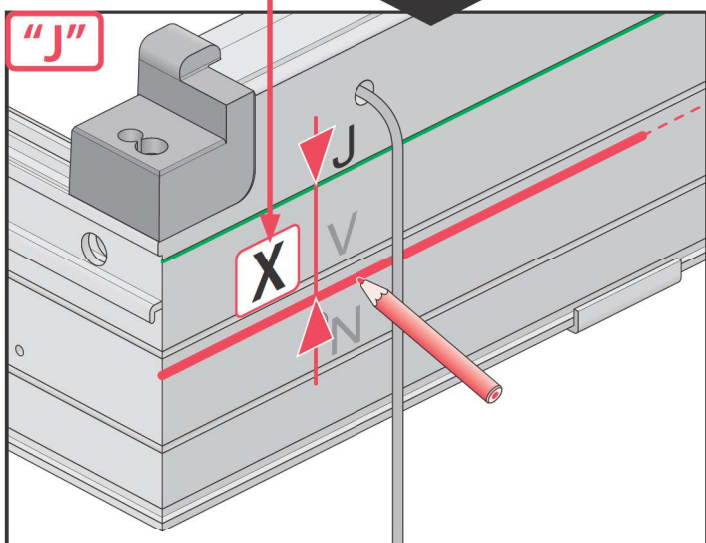
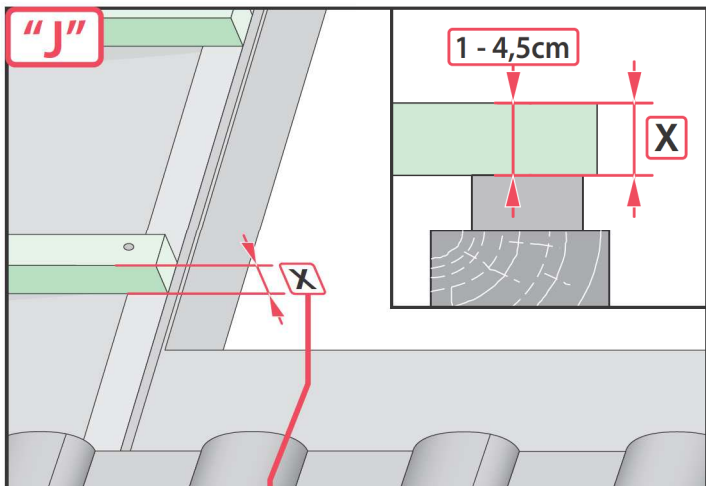
**ESJ**



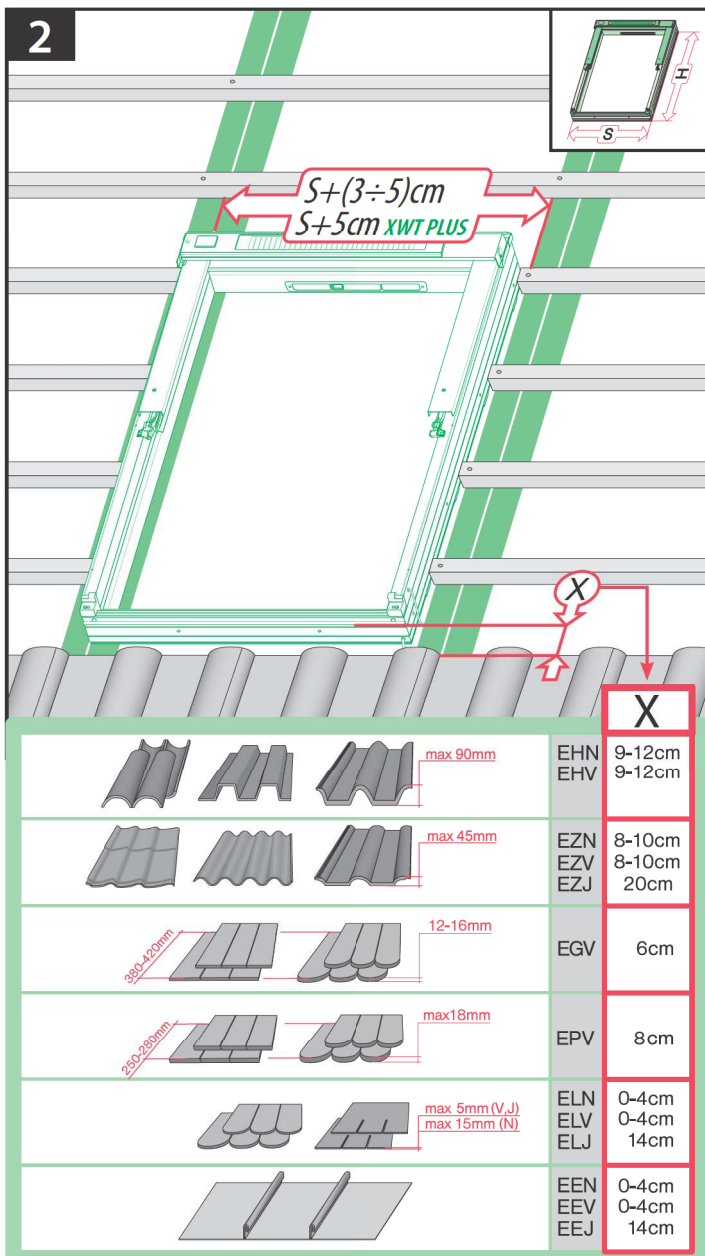
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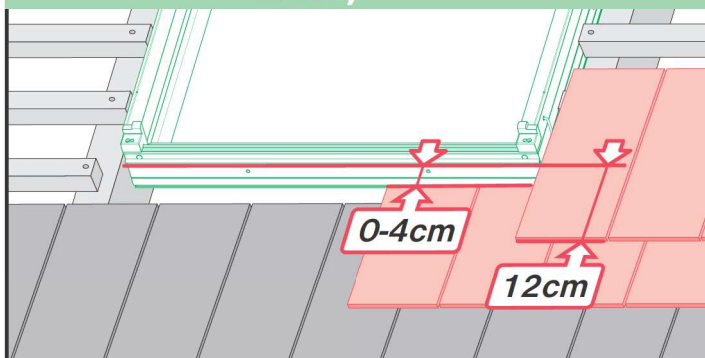




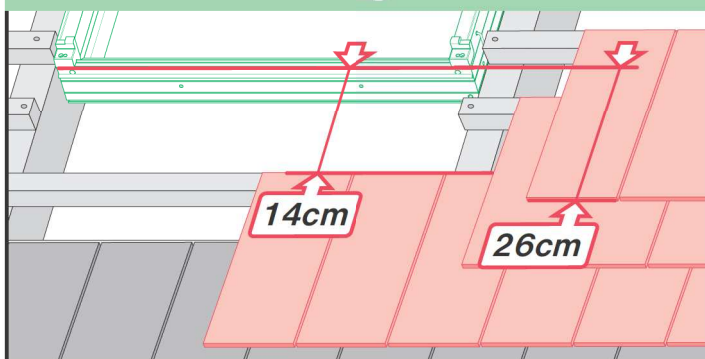
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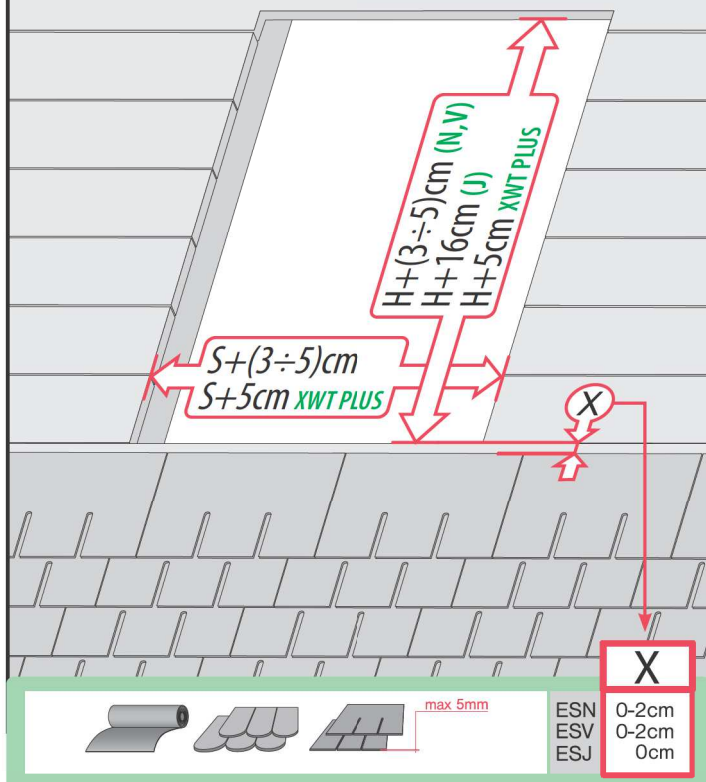
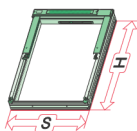
## ELN, ELV



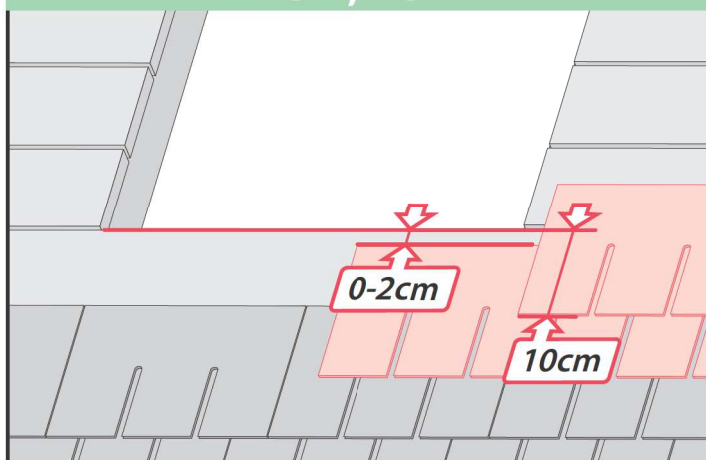
## ELJ



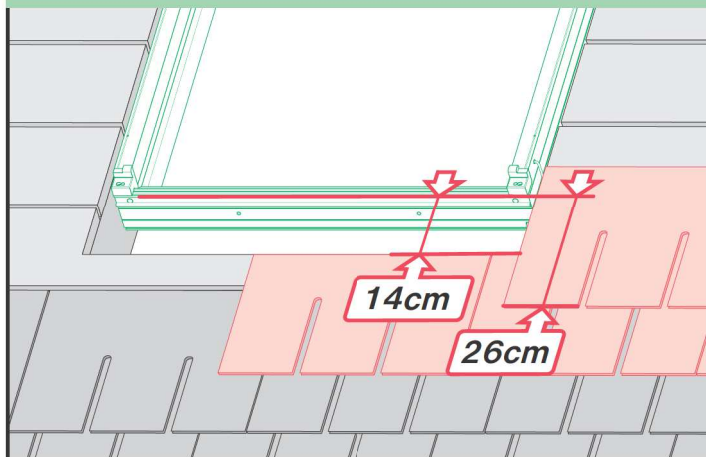
3



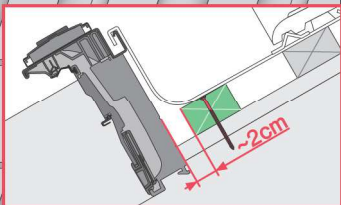
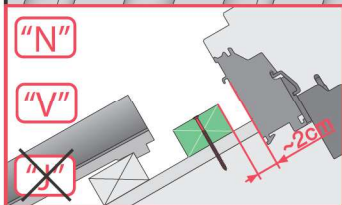
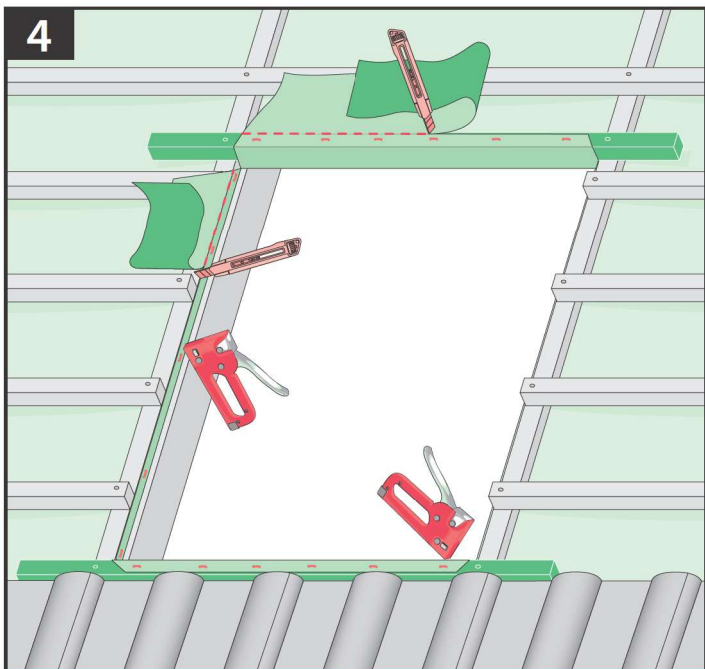
## ESN, ESV



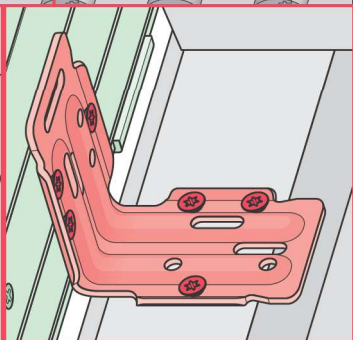
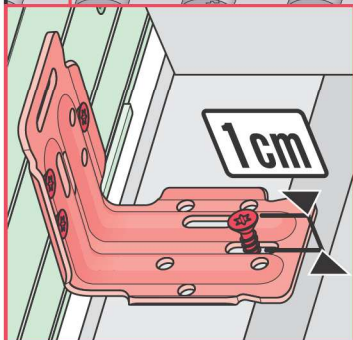
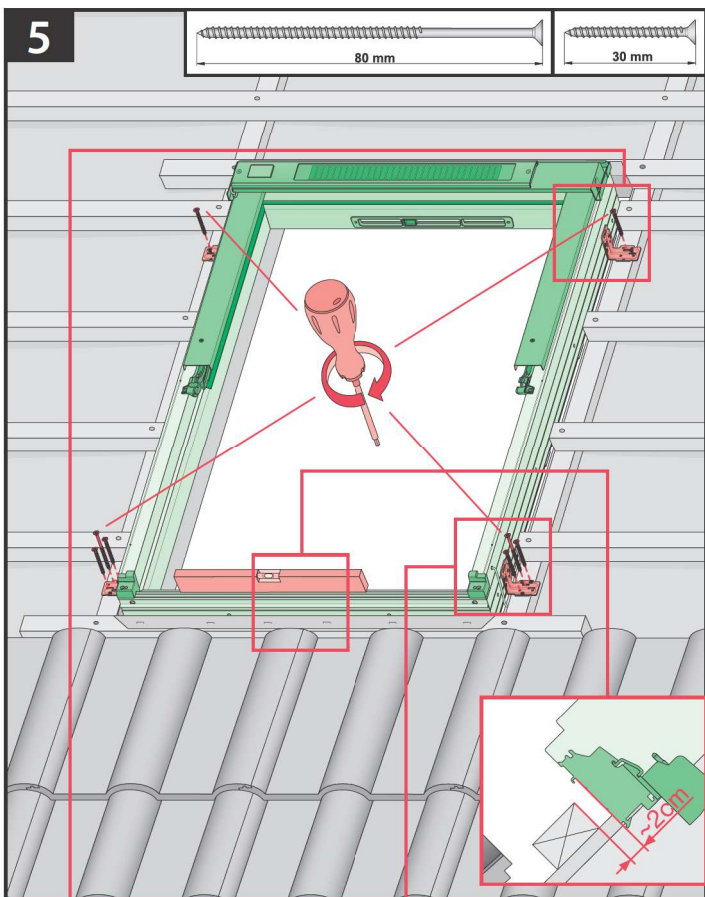
## ESJ

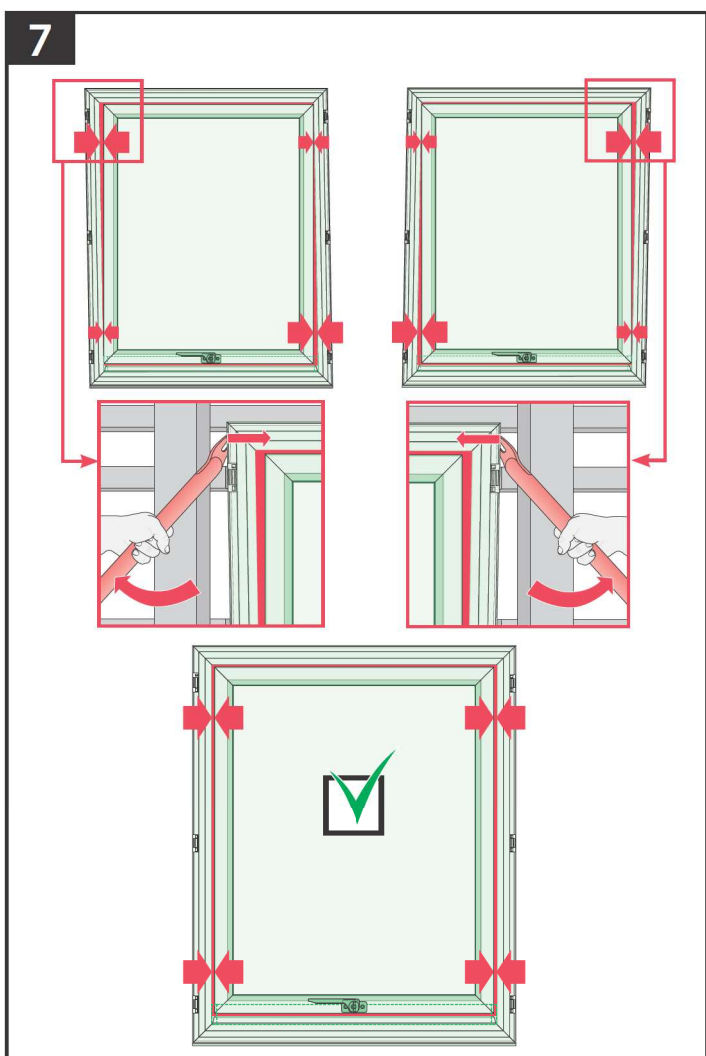
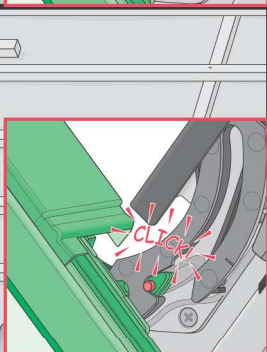
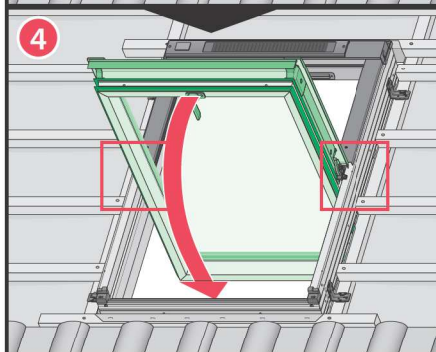
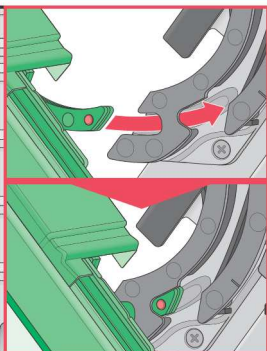
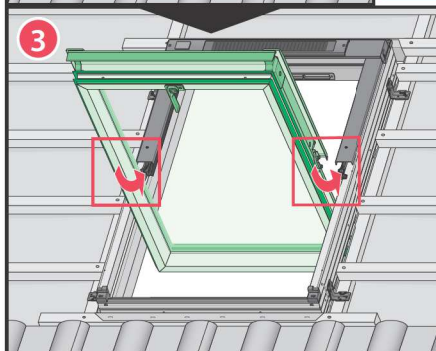
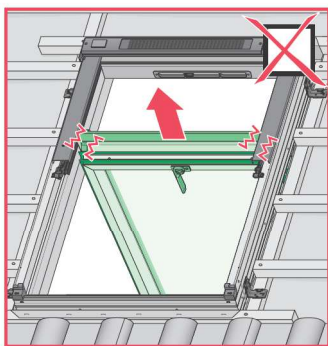
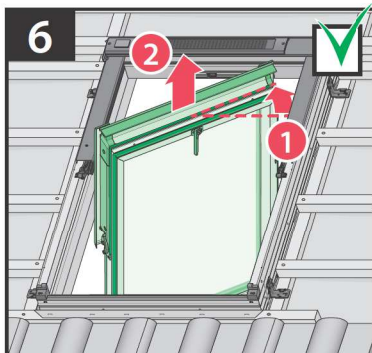


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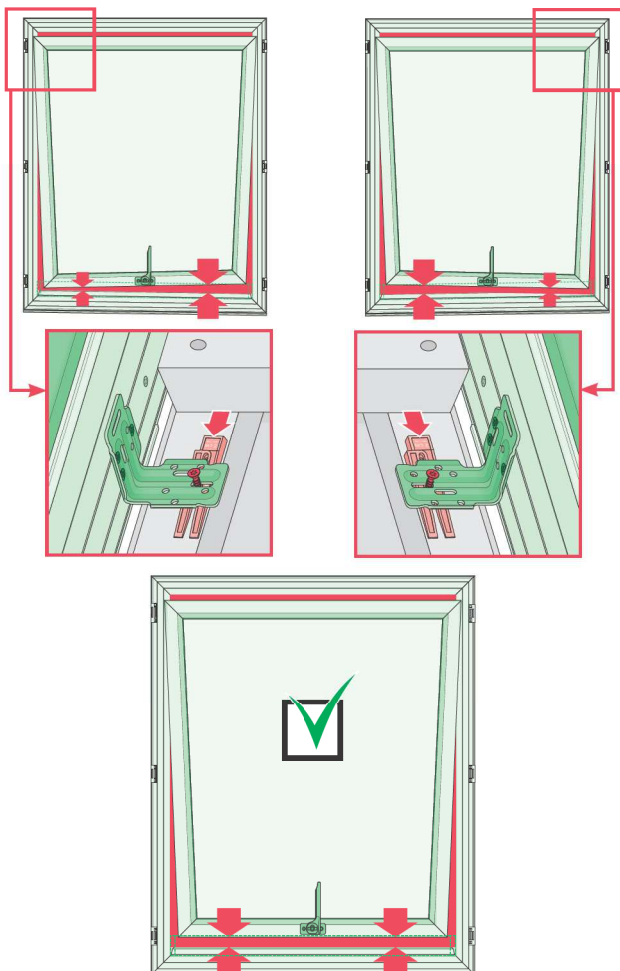


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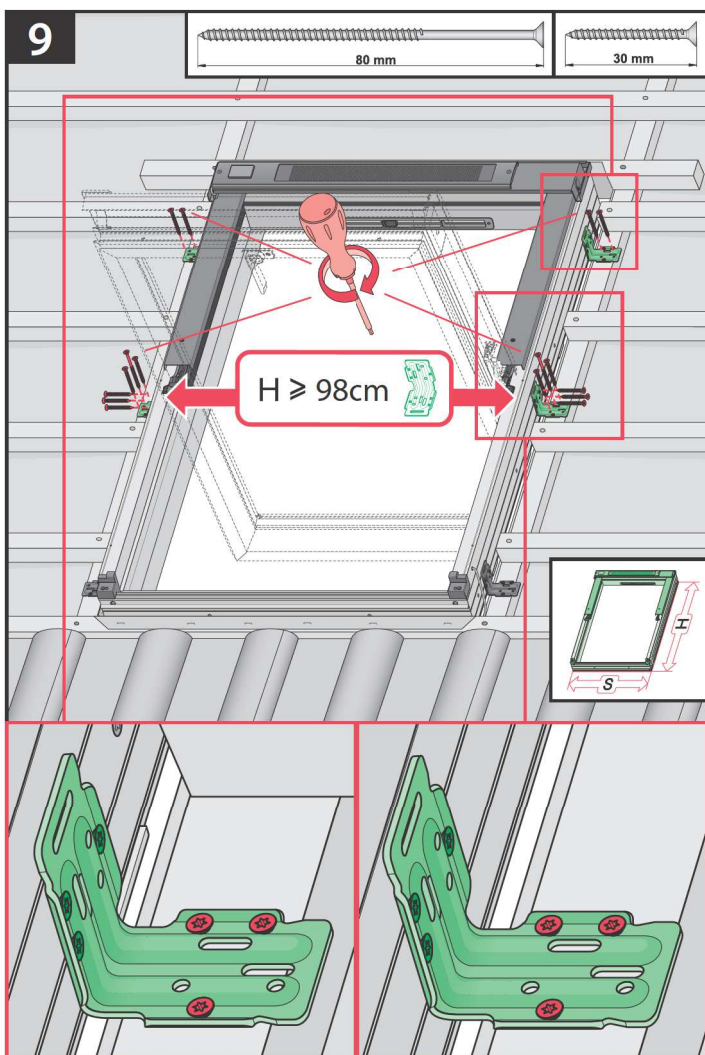




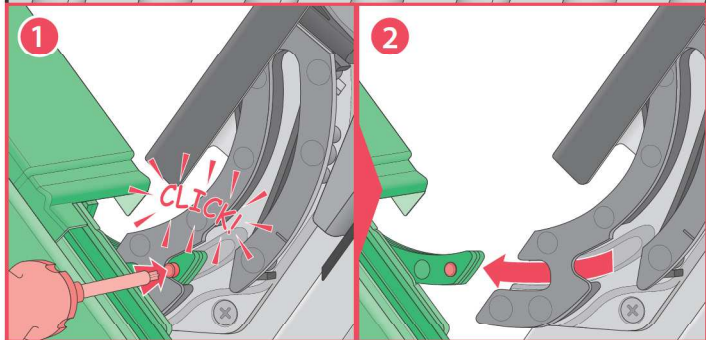
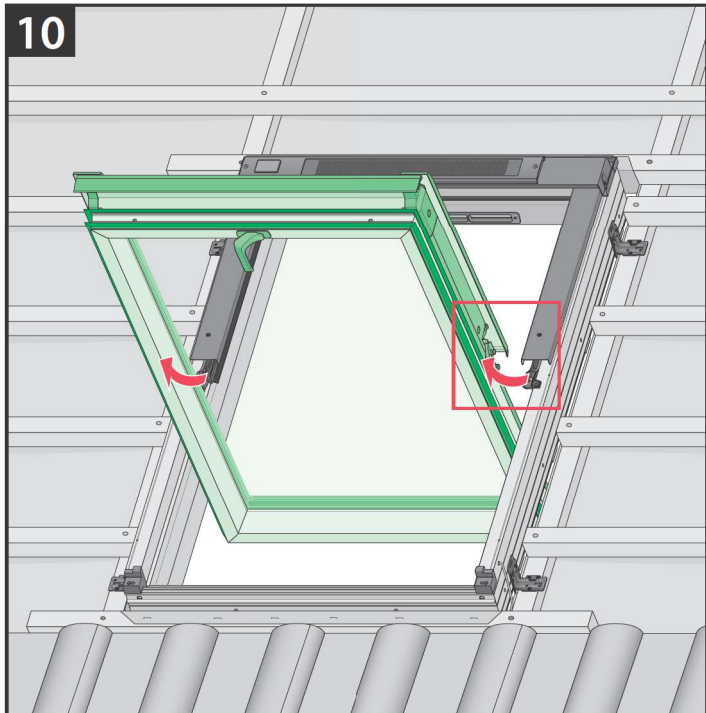
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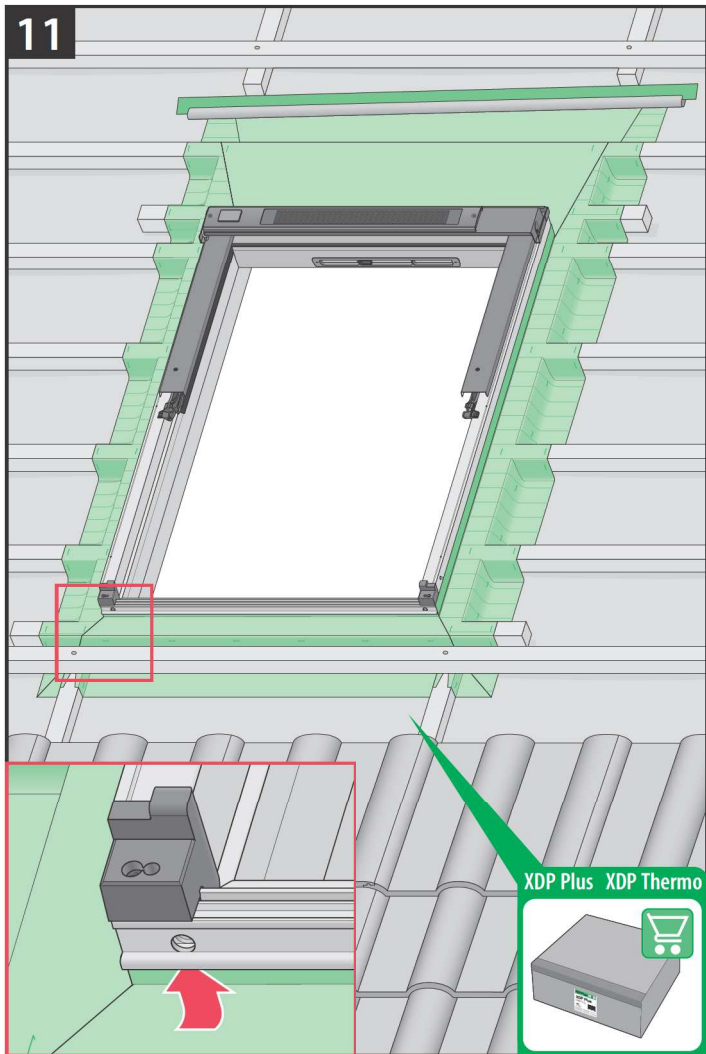
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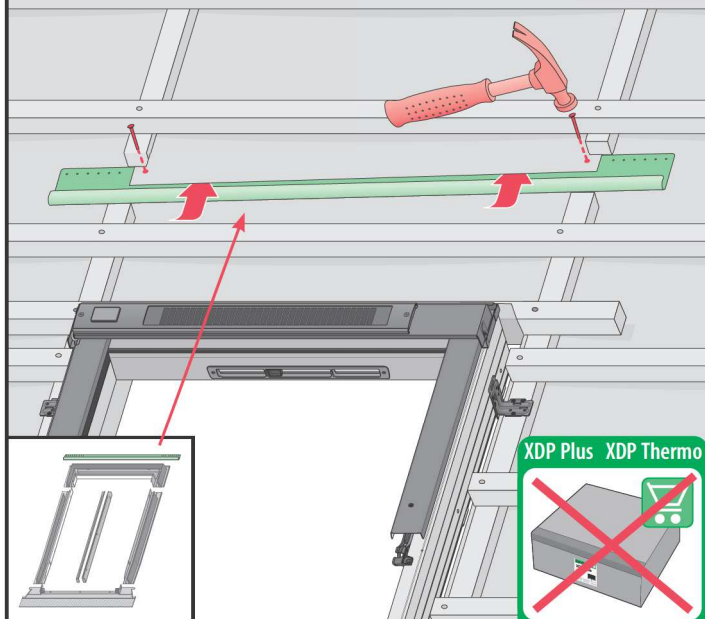
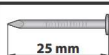
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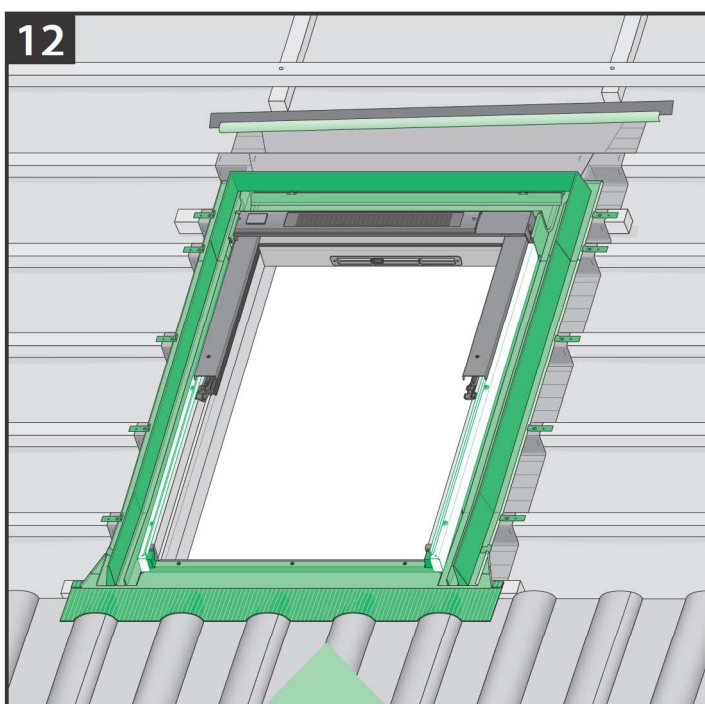
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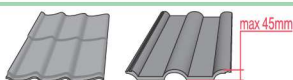
11\*



12



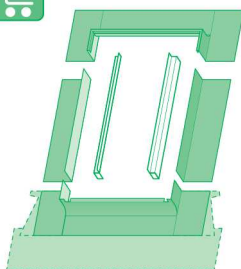
EHN  
EHV



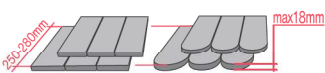
EZN  
EZV  
EZJ



ESN  
ESV  
ESJ



EGV



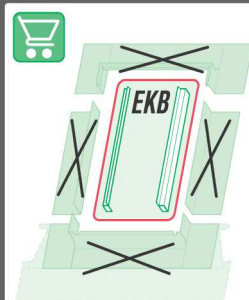
EPV

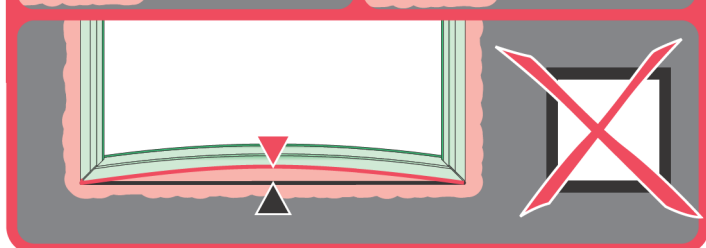
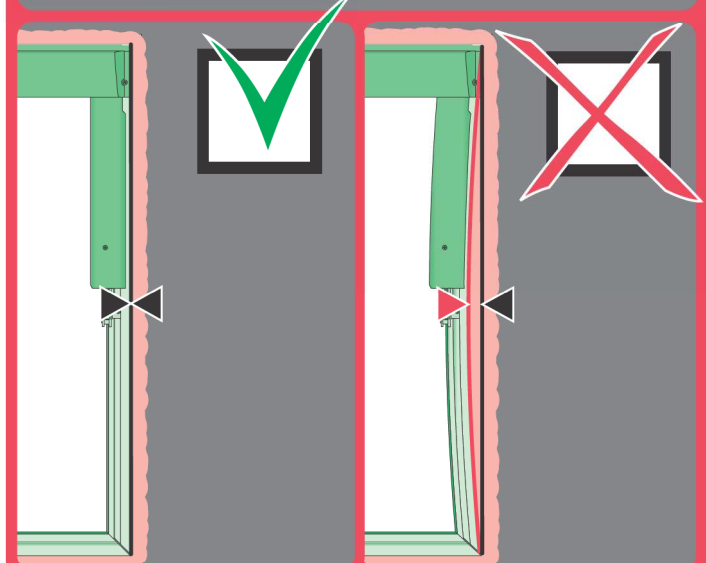
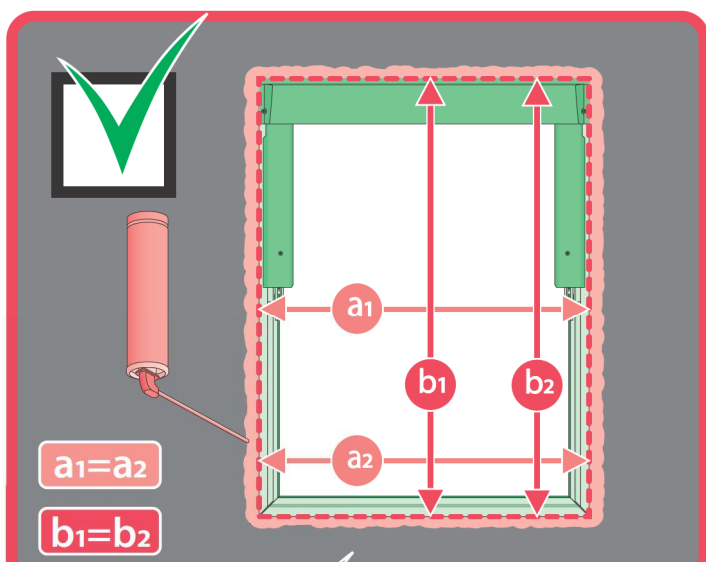
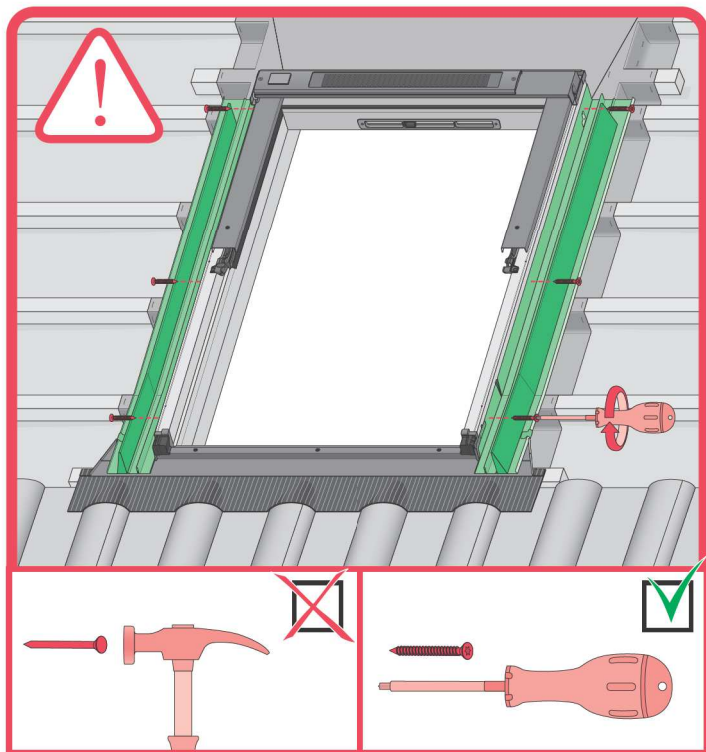


ELN  
ELV  
ELJ

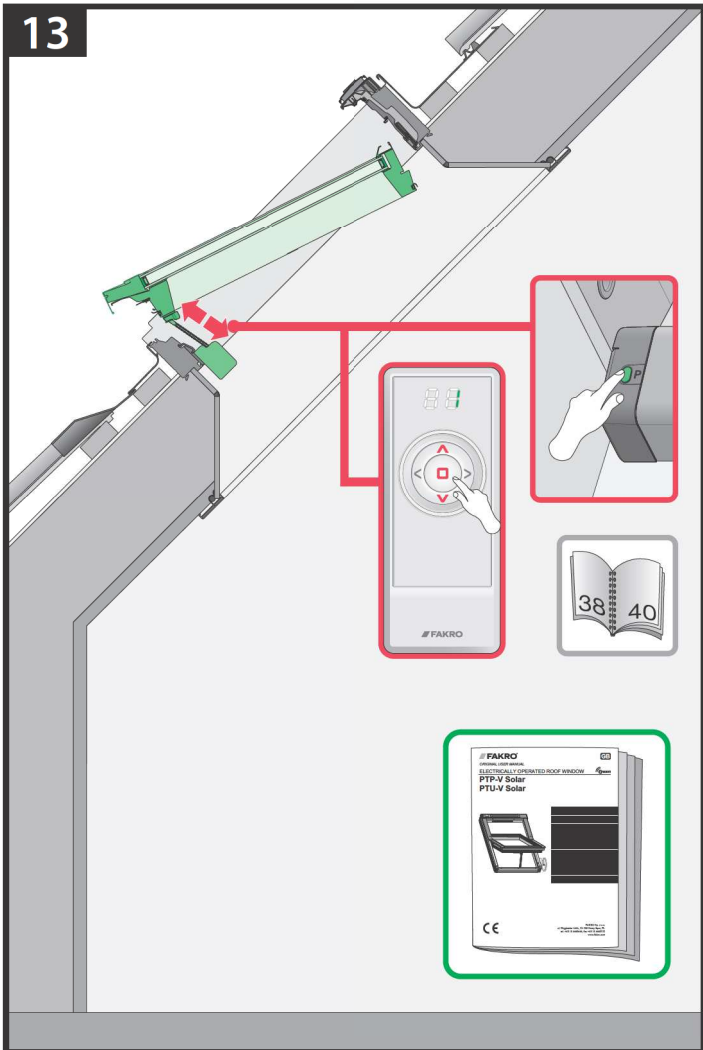


EEN  
EEV  
EEJ

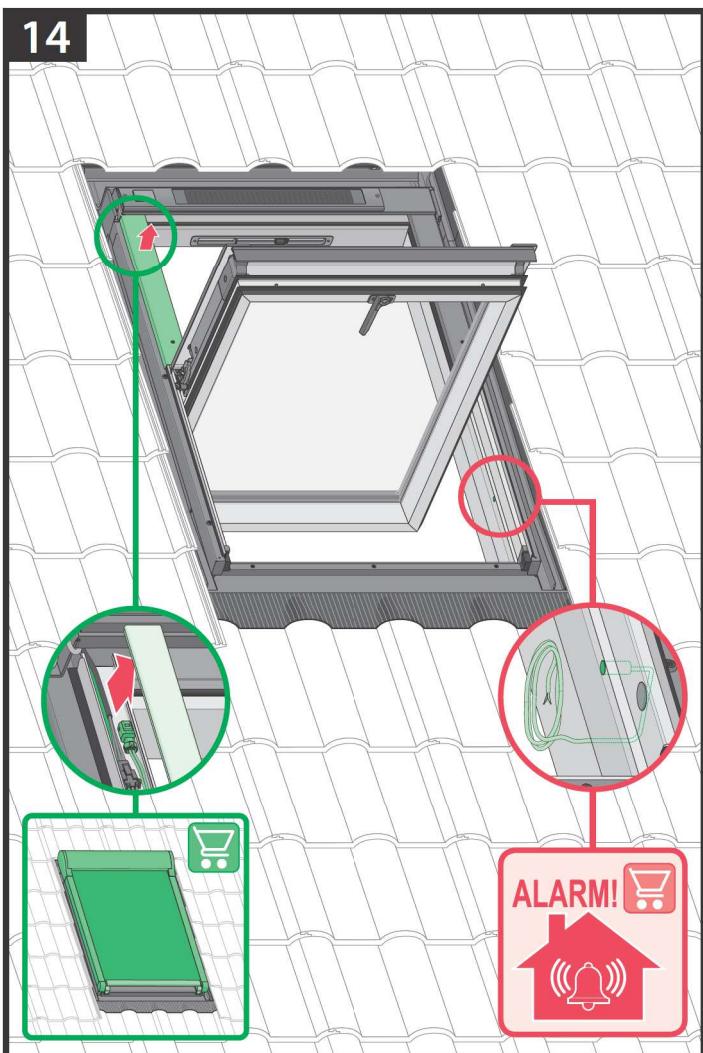


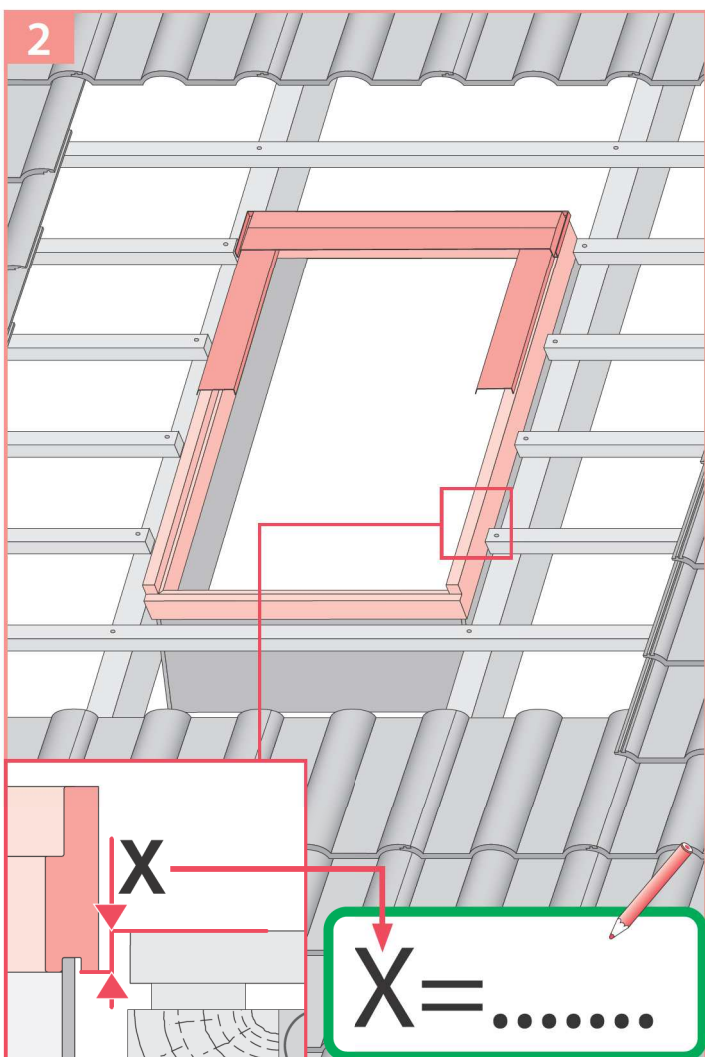
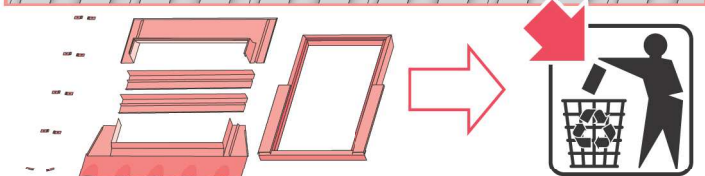
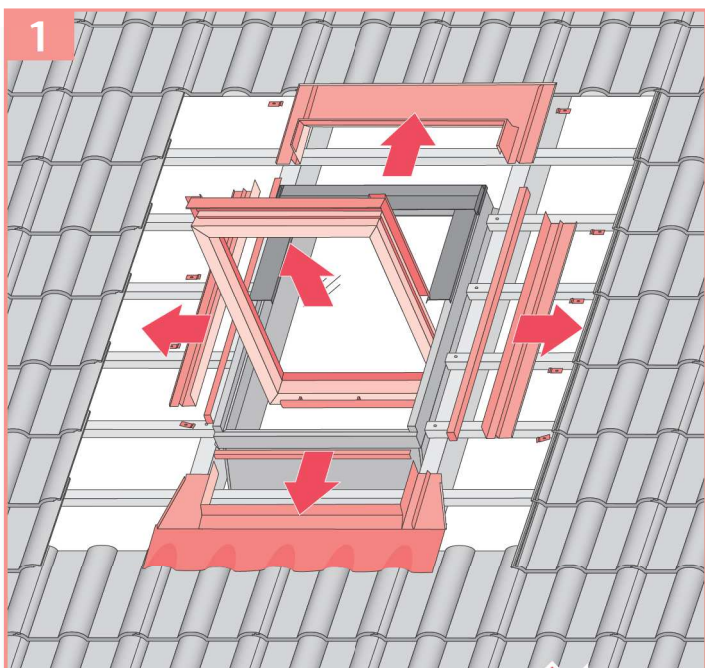
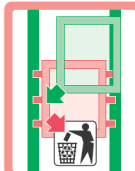


13

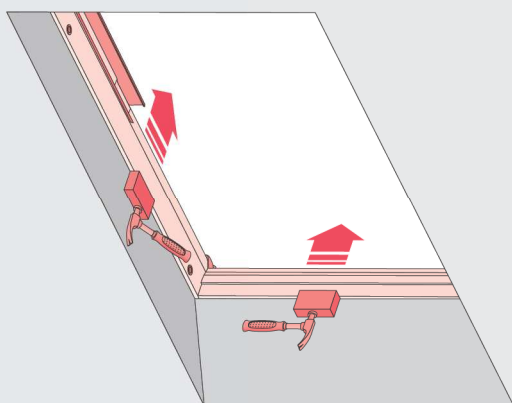


14

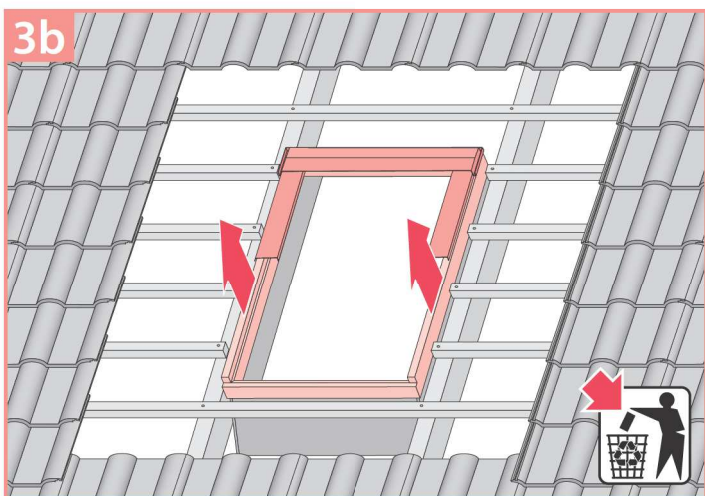




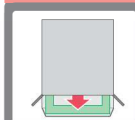
3a



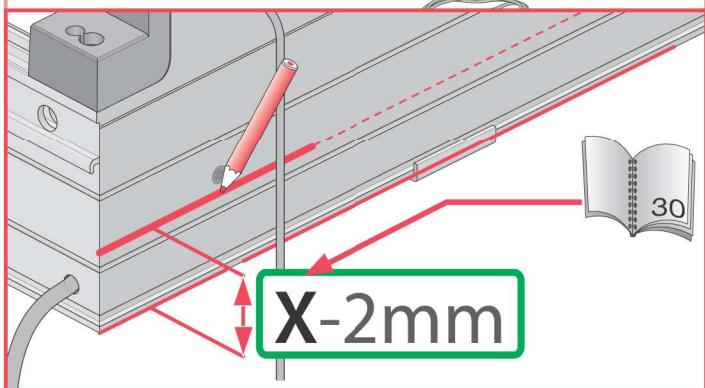
3b



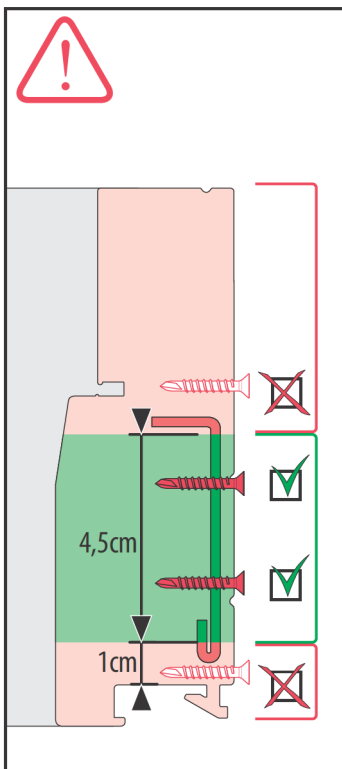
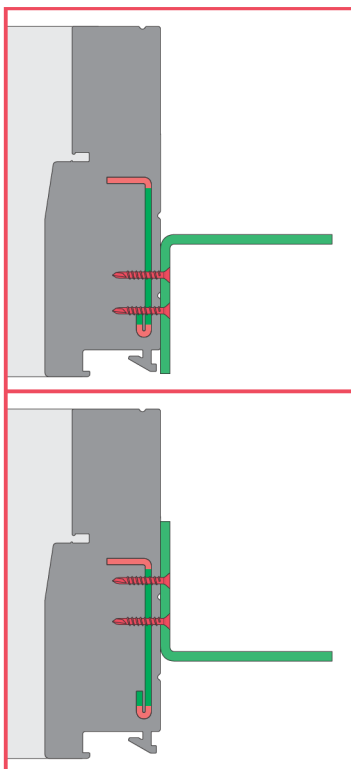
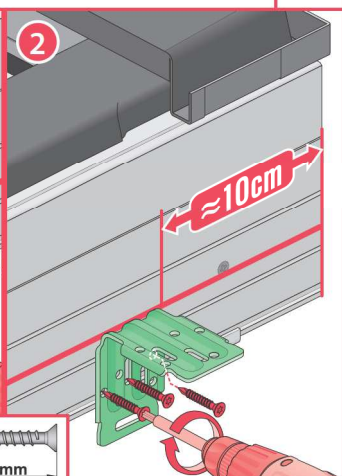
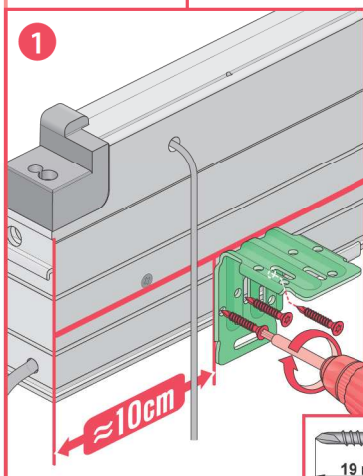
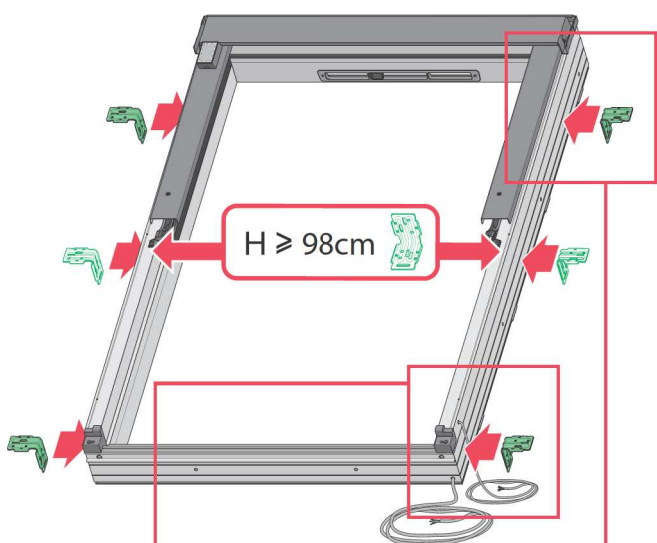
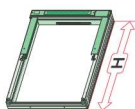
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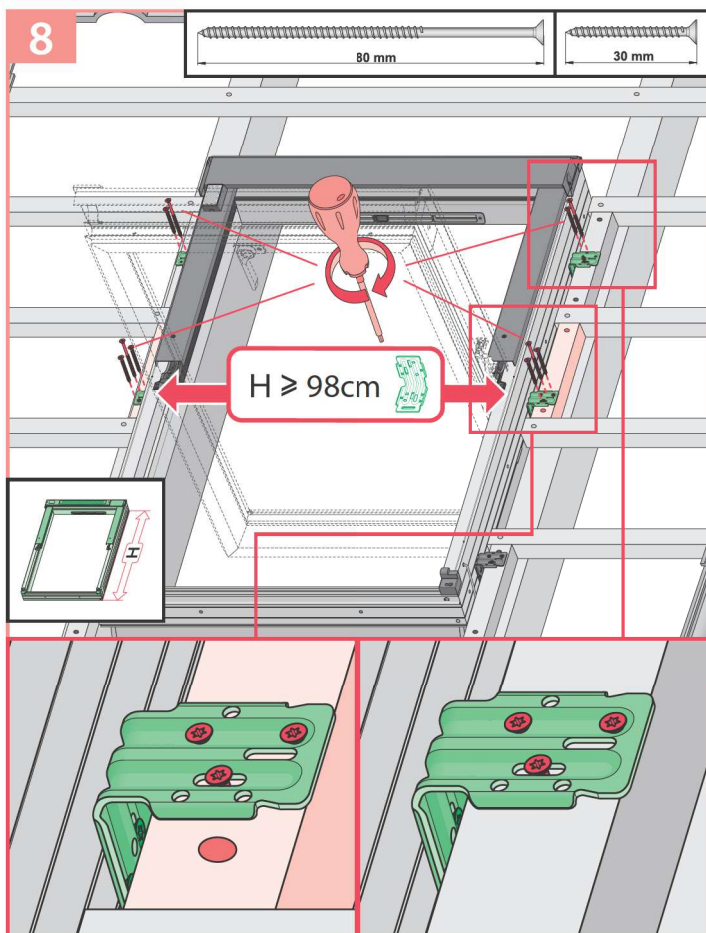
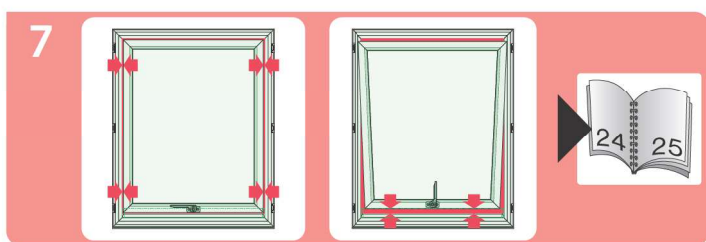
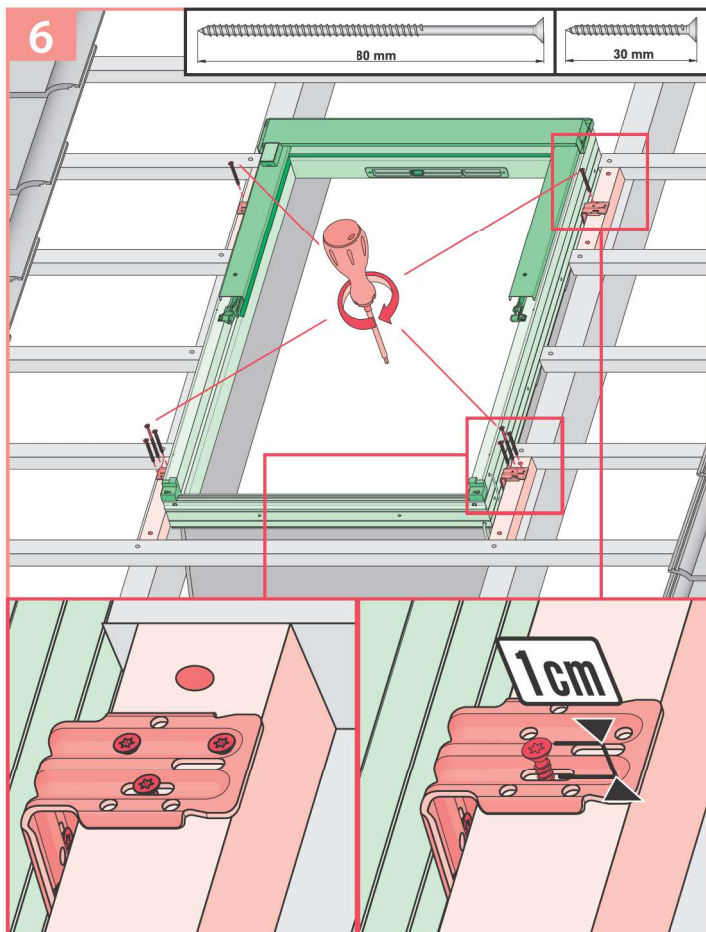


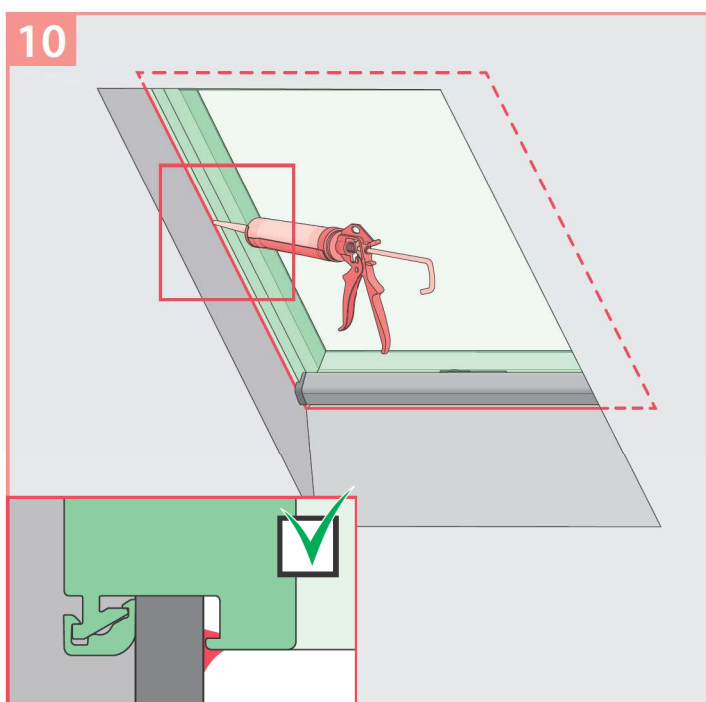
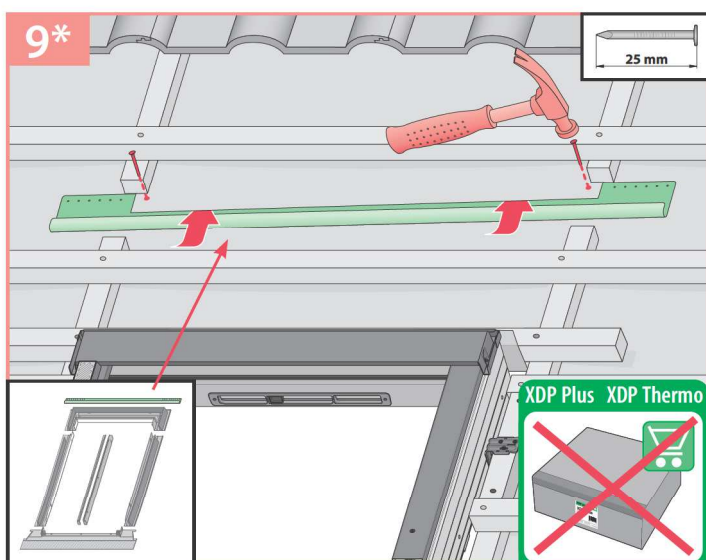
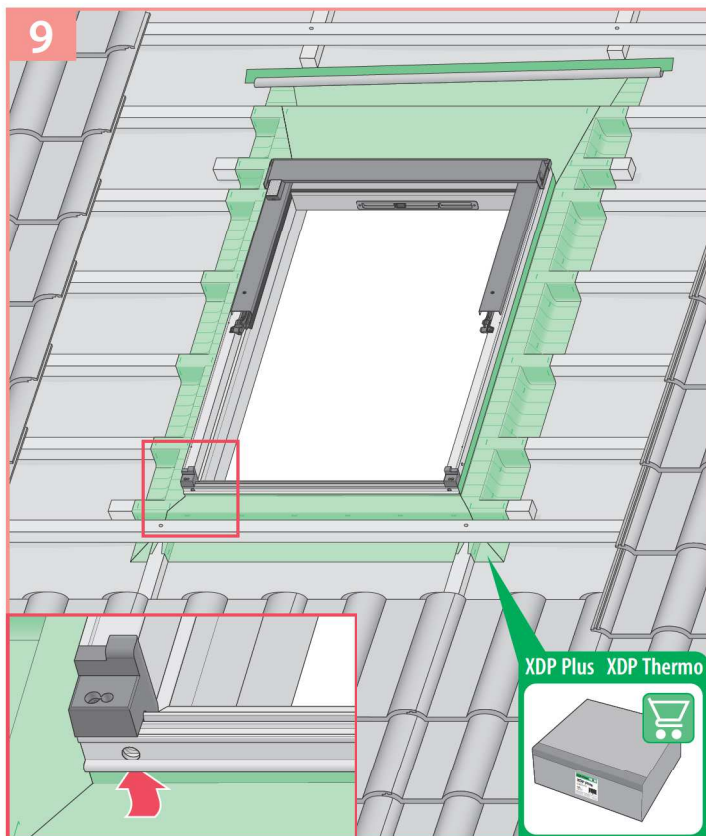
5a

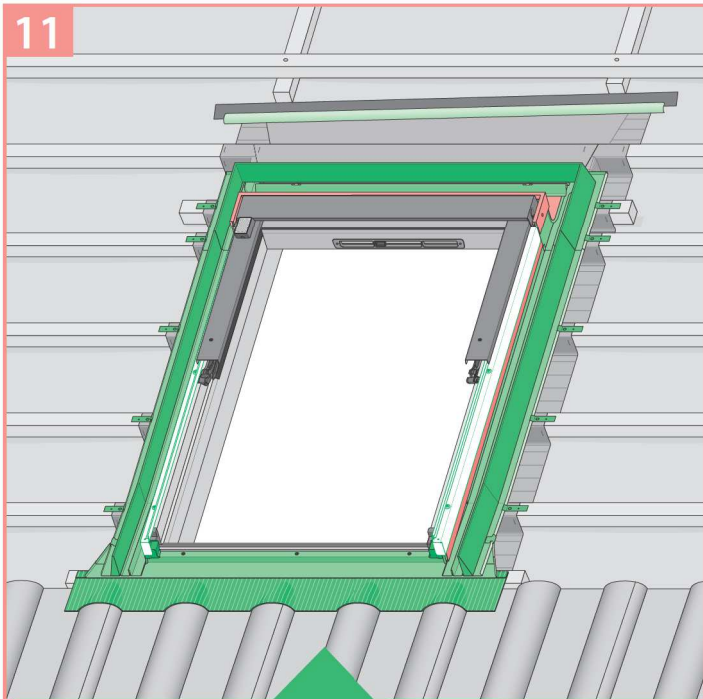


5b

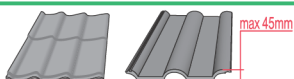








EHN  
EHV



EZN  
EZV



ESN  
ESV



EGV



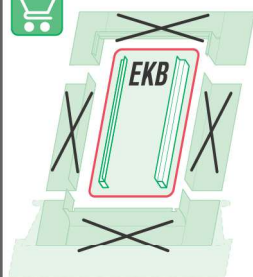
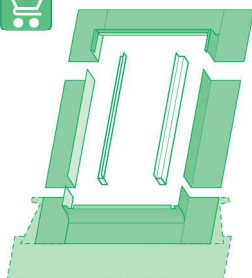
EPV

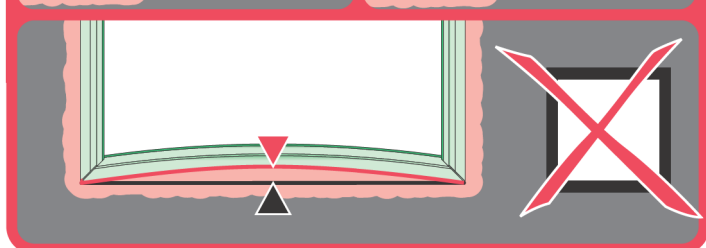
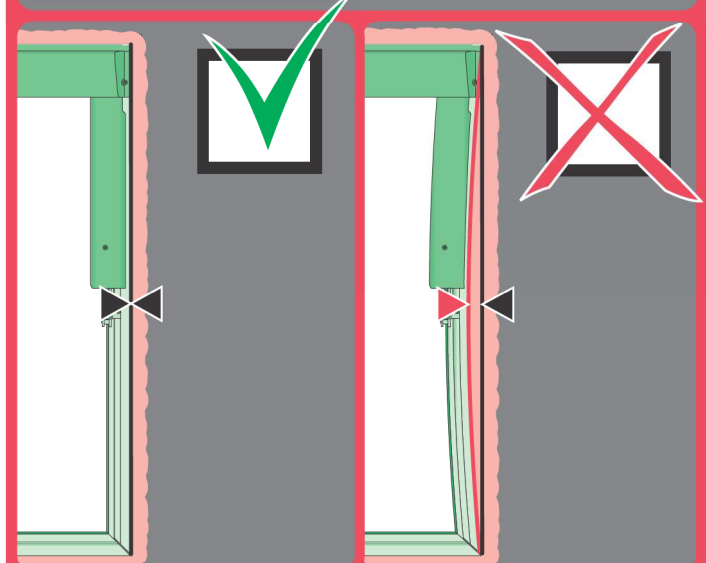
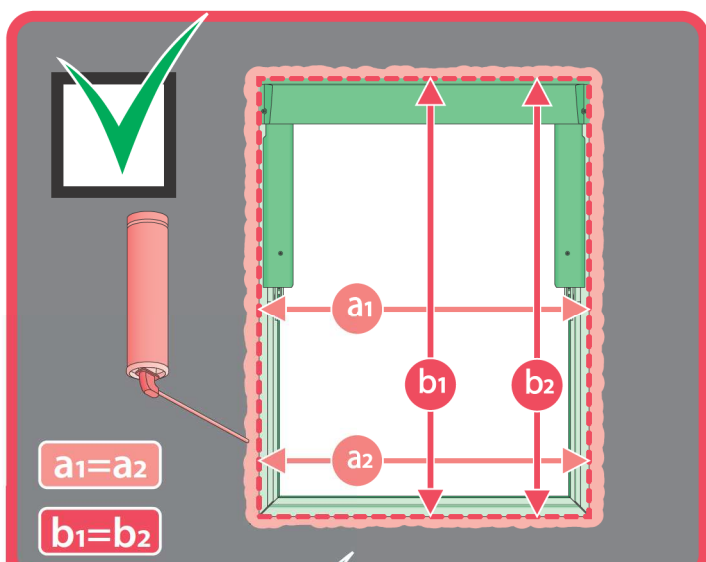
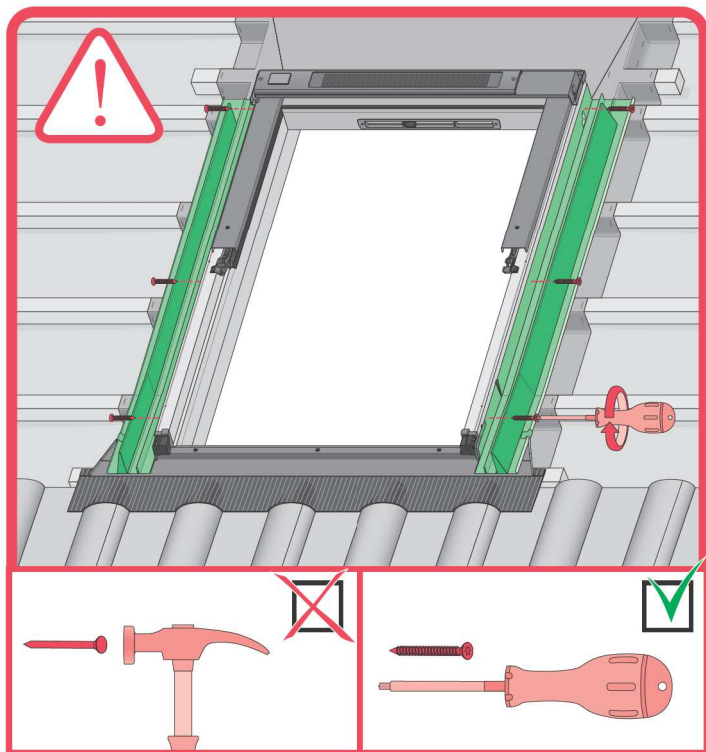


ELN  
ELV

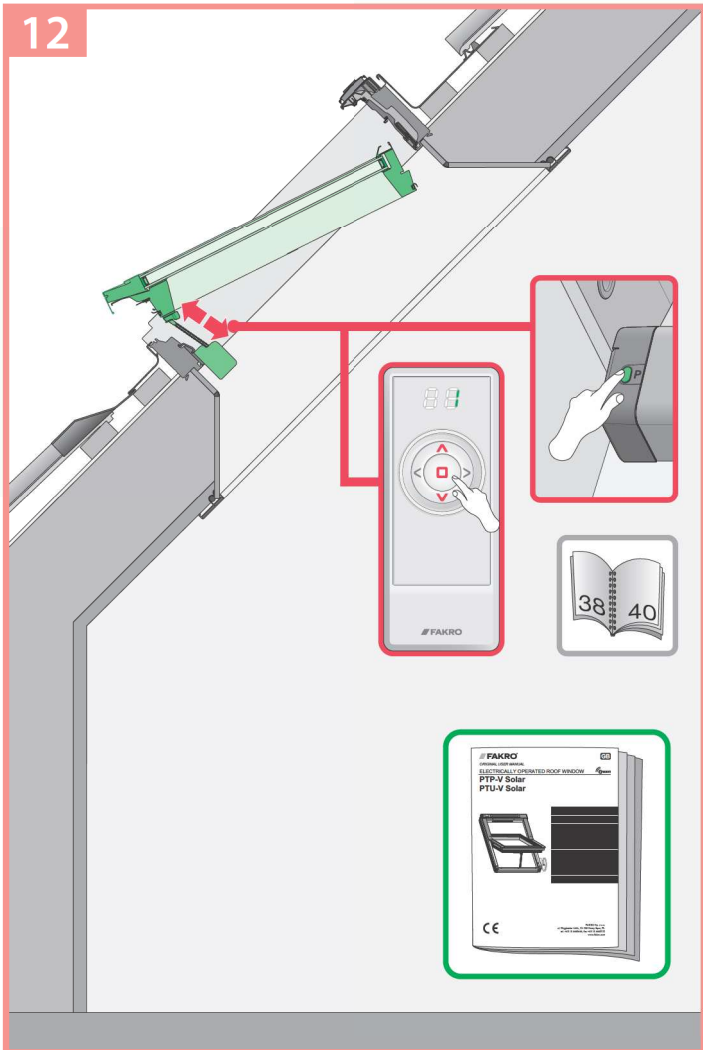


EEN  
EEV

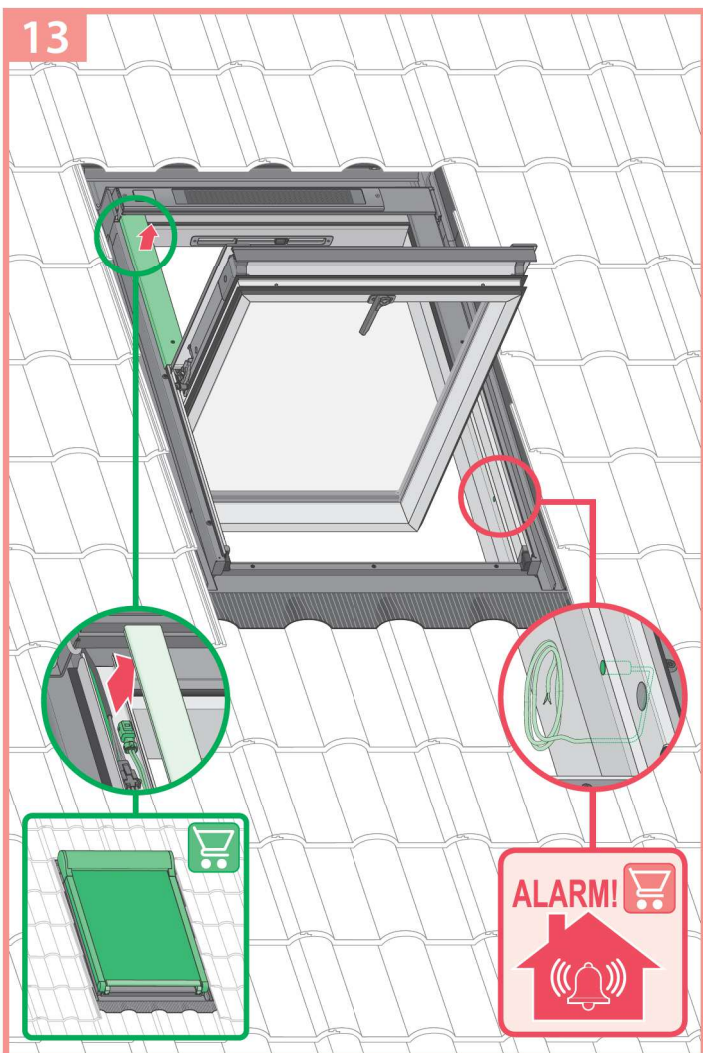


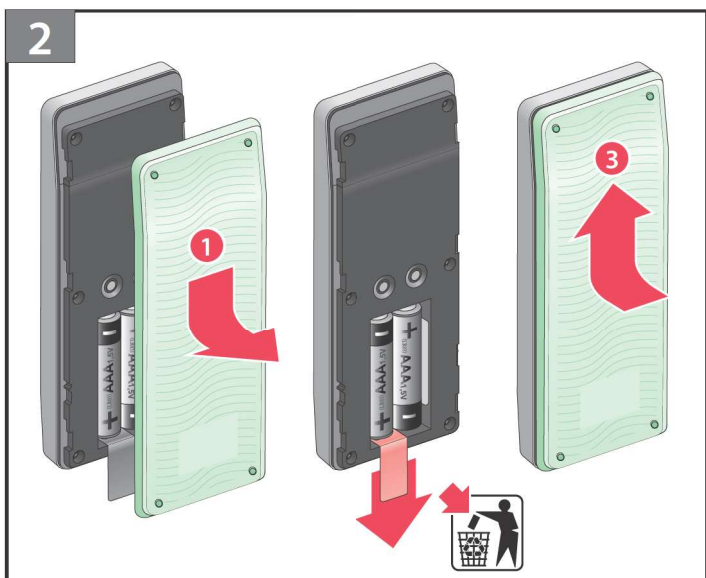
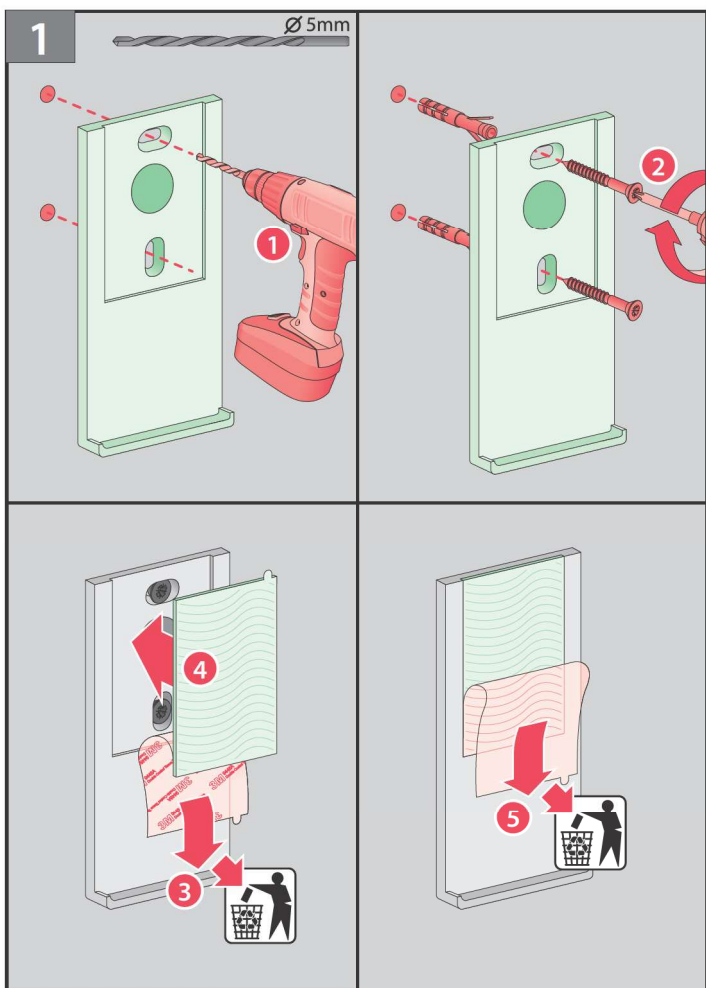


12

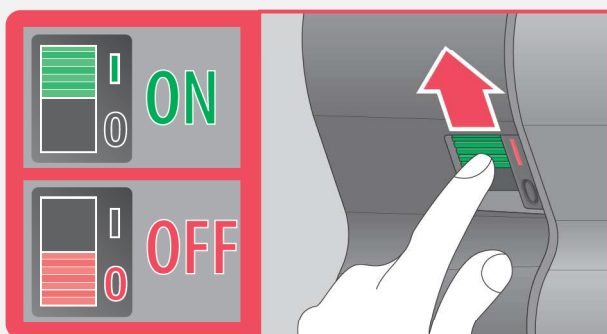
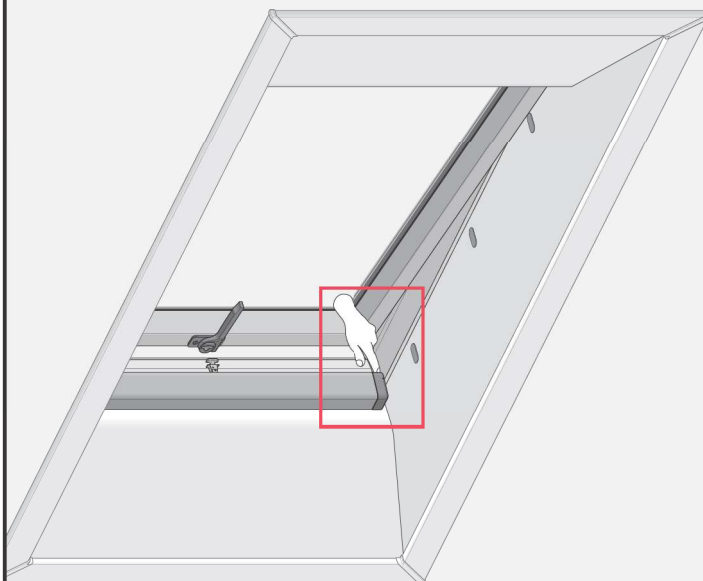


13

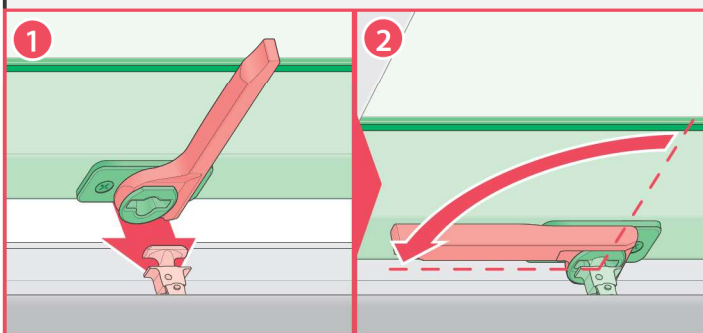
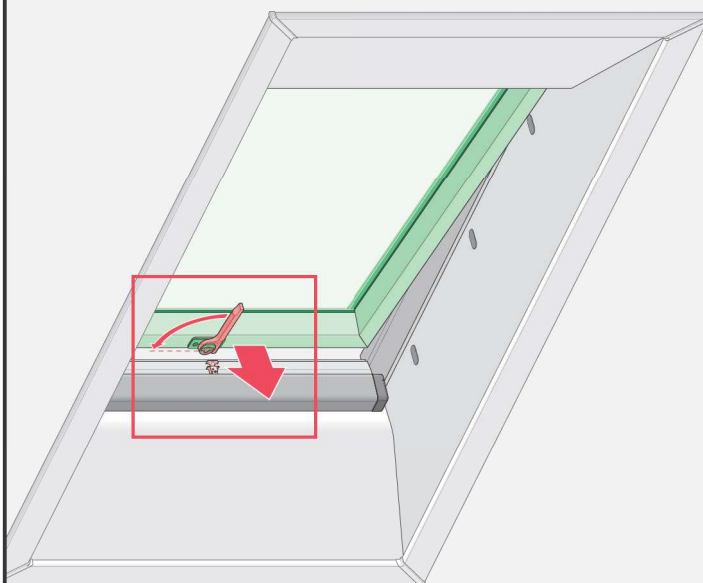




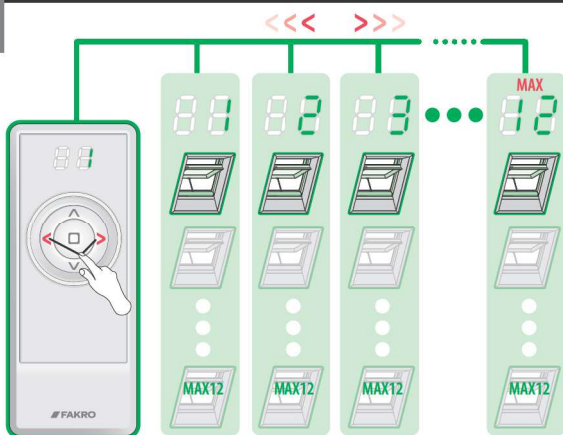
3a



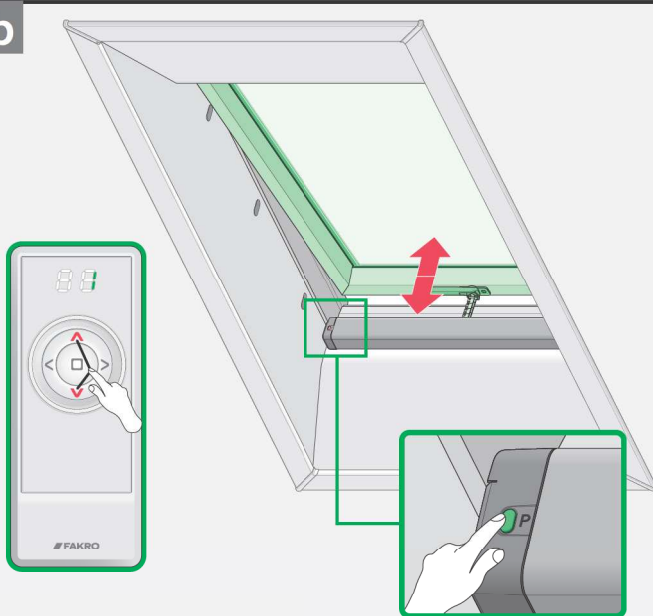
3b



4a



4b



4c



|           |                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                         |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BG</b> | Производител и Продавач не носят отговорност за неспазване на съответните закони, строителни норми и изисквания за безопасност от потребителя на продукта, архитекта, монтажника или собственика на сградата.                                                                                      | <b>LT</b> | Gamintojas ir pardavėjas neprisiima jokios atsakomybės už tai, kad gaminio naudotojas, architektas, montuotojas ar pastato savininkas nesilaiko galiojančiu įstatymu, taisykliu ir saugos reikalavimų.                                                                                  |
| <b>CZ</b> | Výrobce ani prodávce nenosí žádnou odpovědnost za nedodržení příslušných platných zákonů, stavebních předpisů a bezpečnostních požadavků uživatelem výrobku, architektem, montážníkem nebo vlastníkem budovy.                                                                                      | <b>LV</b> | Rabotājs un pārdevējs neņemās atbildību par likumu, noteikumu un drošības prasību neievērošanu no produkta lietotāja, arhitekta, uzstādītāja vai ēkas īpašnieka puses.                                                                                                                  |
| <b>DE</b> | Hersteller und Verkäufer übernehmen keine Haftung für Nichtbeachtung entsprechender Rechts- und Bauvorschriften sowie Sicherheitsanforderungen seitens Produktbenutzers, Architekten, Monteure oder Gebäudebesitzers.                                                                              | <b>NL</b> | De fabrikant en verkoper zijn niet aansprakelijk voor gevolgen bij het niet opvolgen van toepasselijke wetten, bouwbesluiten en veiligheidsvoorschriften door de gebruiker van het product, de architect, de installateur of de eigenaar van het gebouw.                                |
| <b>EE</b> | Tootja ja jaemüüja ei vastuta toote kasutaja, arhitekti, paigaldaja või hoone omaniku poolt kehtivate seaduste, määruste ja ohutusnõuete mittejärgmise eest.                                                                                                                                       | <b>PL</b> | Producent i Sprzedawca nie ponosi żadnej odpowiedzialności za nieprzestrzeganie stosownych przepisów prawa, przepisów budowlanych i wymogów bezpieczeństwa przez użytkownika produktu, architekta, montażystę lub właściciela budynku.                                                  |
| <b>ES</b> | El fabricante y el vendedor no tienen ninguna responsabilidad por el incumplimiento de la ley vigente, normas de construcción y exigencias de seguridad por parte del usuario del producto, arquitecto, instalador o el propietario del edificio.                                                  | <b>PT</b> | O fabricante e o vendedor não tem nenhuma responsabilidade pelo o não cumprimento da lei, códigos de construção e as exigências de segurança por parte do usuário do produto, arquiteto, instalador ou proprietário do edifício.                                                        |
| <b>FR</b> | Le fabricant et le revendeur ne prend aucune responsabilité de ne pas respecter les lois applicables, les règlements sur les bâtiments et les exigences de sécurité par l'utilisateur du produit, l'architecte, l'installateur ou le propriétaire du bâtiment.                                     | <b>RO</b> | Nici producătorul, nici distribuitorul nu își vor asuma niciun fel de răspundere pentru nerespectarea legilor în vigoare, a legilor din domeniul construcțiilor sau a măsurilor de siguranță impuse utilizatorilor produsului, arhitecților, montajistilor sau proprietarilor clădirii. |
| <b>GB</b> | Manufacturer and Seller shall bear no liability for failure to comply with the applicable laws, building codes and safety requirements by the user of the product, architect, fitter or owner of the building.                                                                                     | <b>RU</b> | В случае несоблюдения архитектором, монтажником или владельцем здания строительных правил и норм безопасности ответственность с производителя и продавца снимается.                                                                                                                     |
| <b>HU</b> | A Gyártó és a Forgalmazó nem vállal semmiféle felelősséget a vonatkozó törvényi, építési és biztonsági előírások termékfelhasználói, építész, beszállítómester vagy épülettulajdonos általi be nem tartásáért.                                                                                     | <b>SI</b> | Proizvajalec in prodajalec ne prevzemata odgovornosti za neupoštevanje ustreznih pravil in gradbenih predpisov ter varnostnih zahtev s strani uporabnika izdelka, projektanta, montažerja ali lastnika objekta.                                                                         |
| <b>IT</b> | Il Produttore e il Rivenditore non potranno essere ritenuti responsabili per il mancato rispetto, da parte dell'utente del prodotto, del progettista, dell'installatore o del proprietario dell'edificio, delle leggi vigenti, nonché dei regolamenti edilizi e di quelli relativi alla sicurezza. | <b>SK</b> | Výrobca a predávca nenesú žiadnu zodpovednosť za nedodržanie príslušných ustanovení zákona, stavebných predpisov a bezpečnostných požiadaviek užívateľom výrobku, architektom, montérom alebo majiteľom objektu.                                                                        |