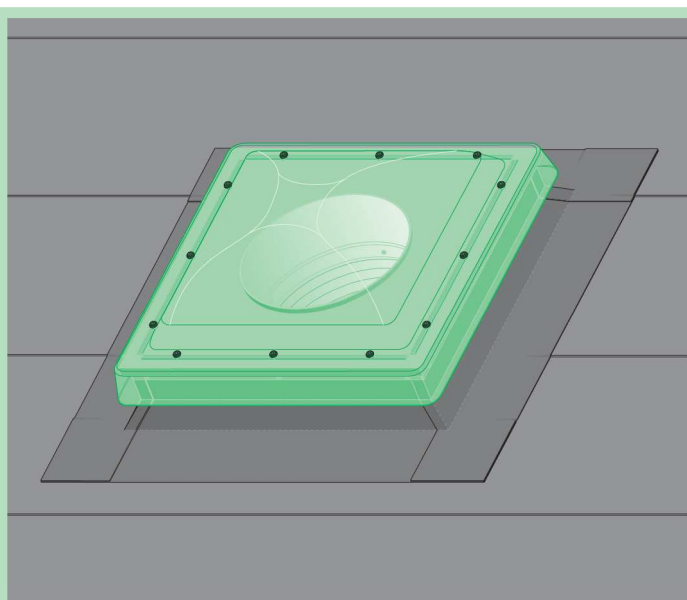




SFF



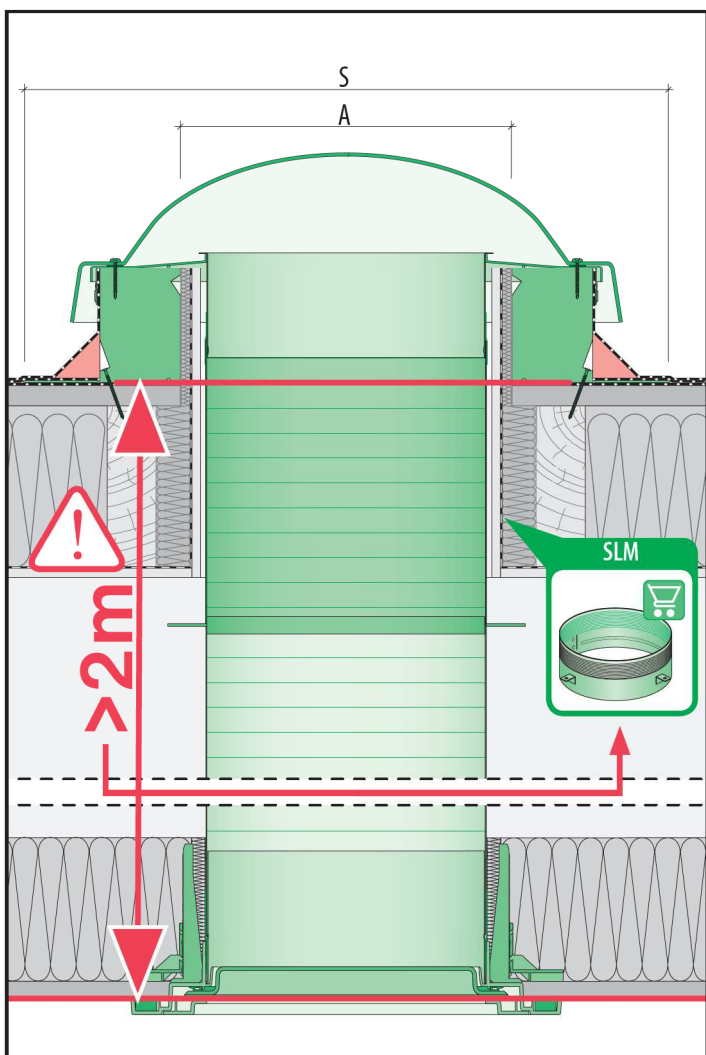
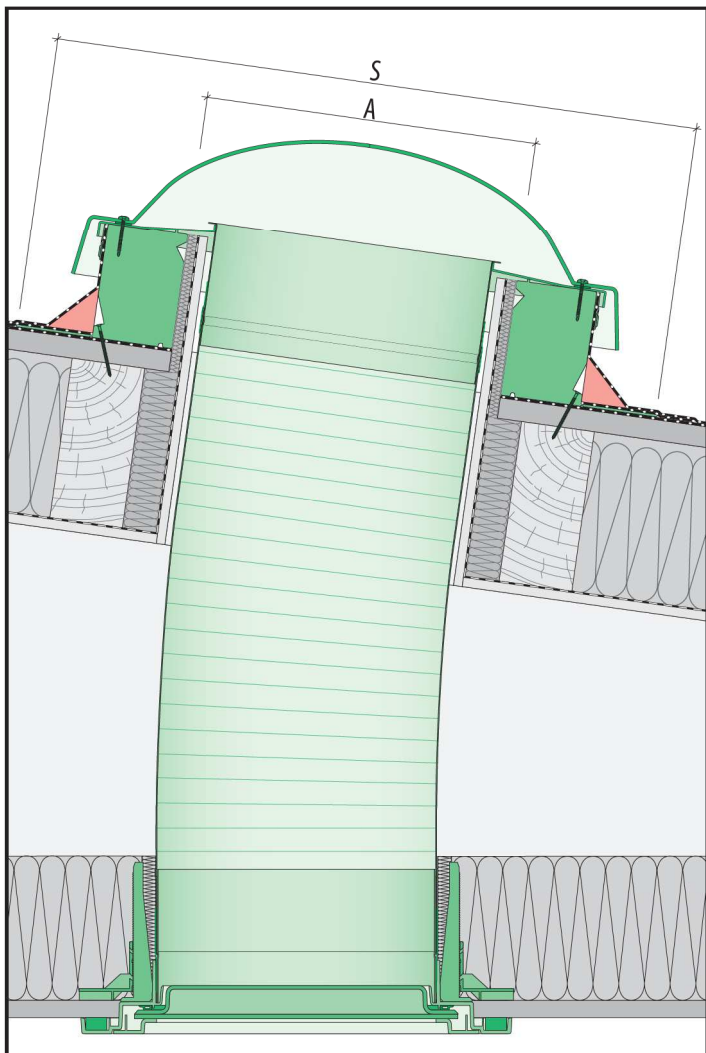
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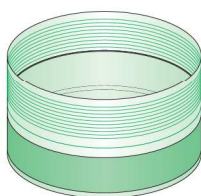
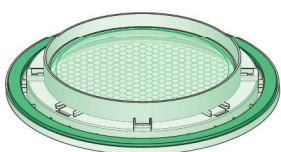
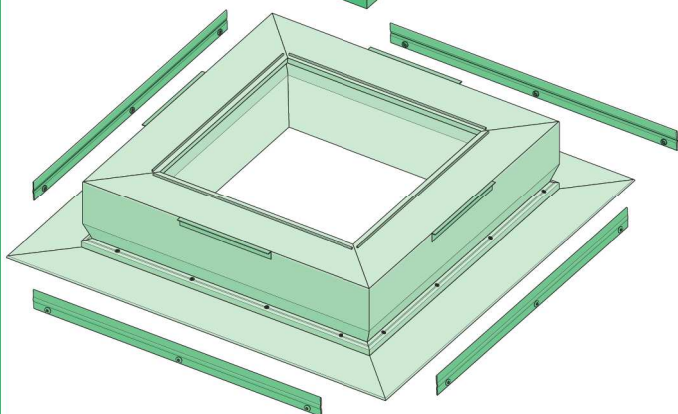
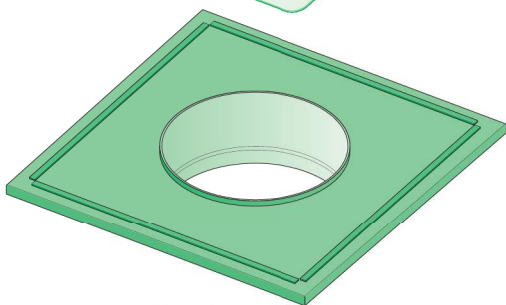
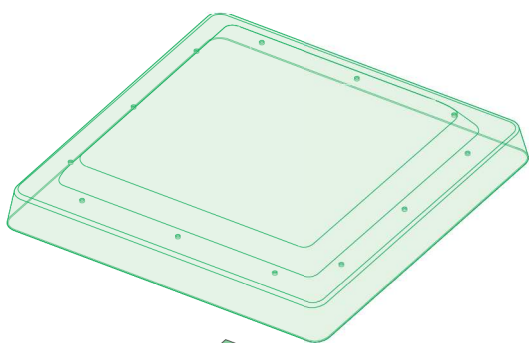
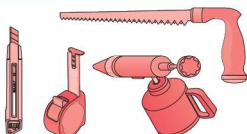
FAKRO PP Sp. z o.o.
Ul. Węgierska 144a
33-300 Nowy Sącz, Polska

ITB-KOT-2019/1134
Instytut Techniki Budowlanej

KRAJOWA DEKLARACJA WŁAŚCIWOŚCI
UŻYTKOWYCH NR KDWU01/1134/20

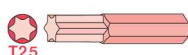
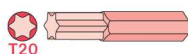
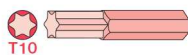
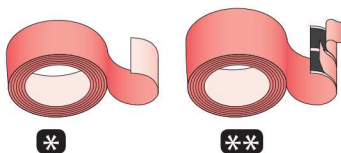
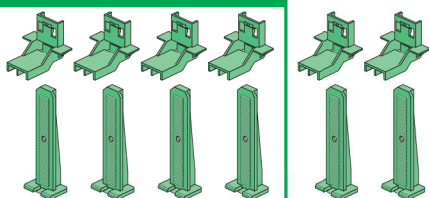
Dostępne na <https://www.fakro.pl/architekci/certyfikaty-i-deklaracje/>

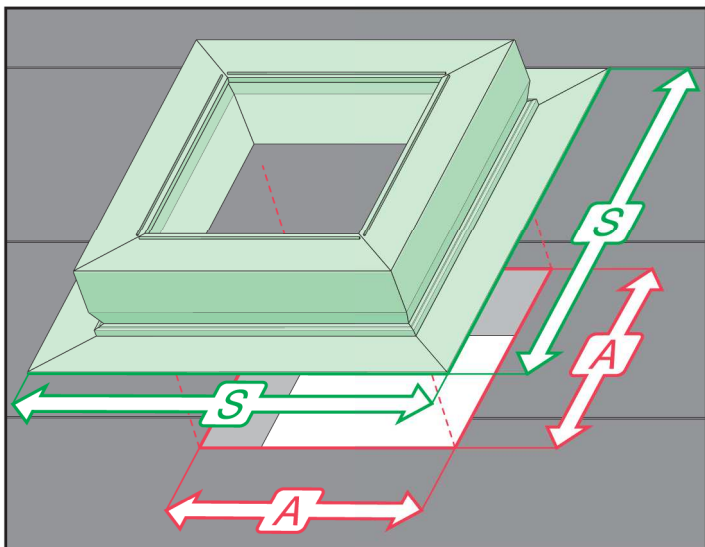




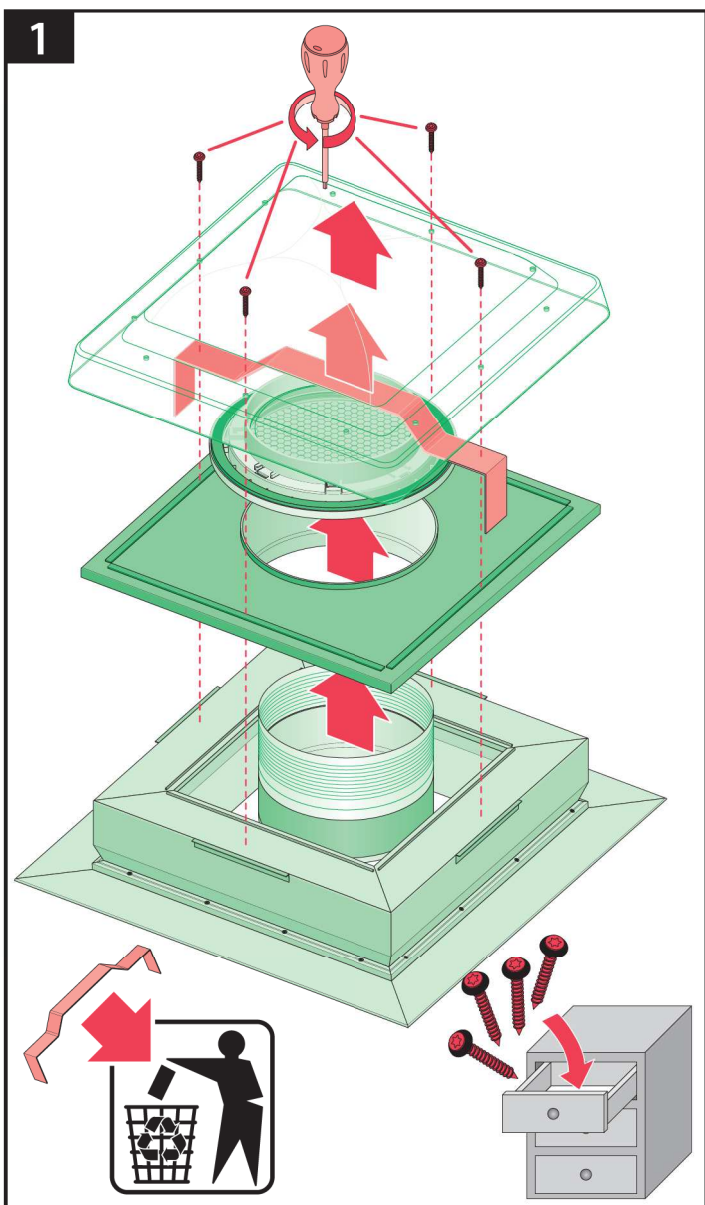
Ø 550mm

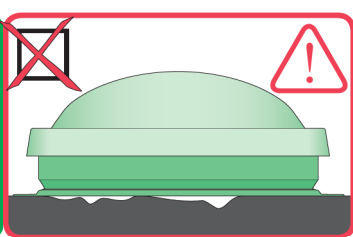
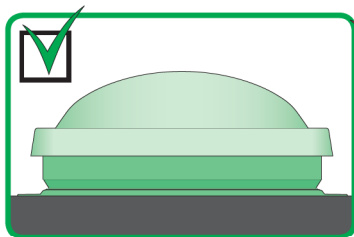
Ø 350mm



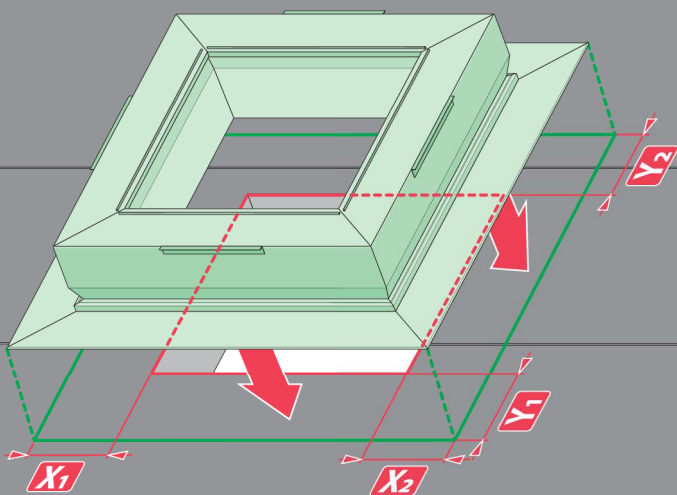


Ø	A	S
[mm]	[cm]	[cm]
350	42-47	83
550	62-67	103



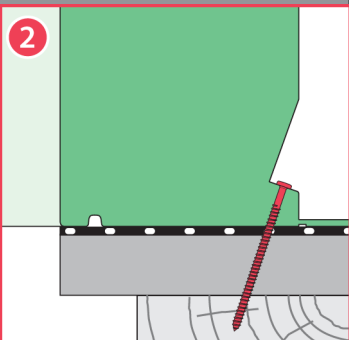
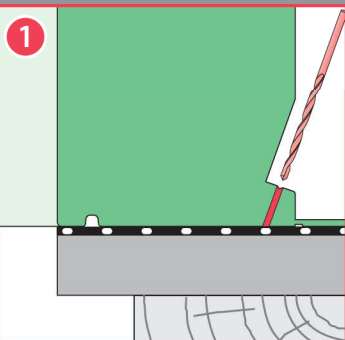
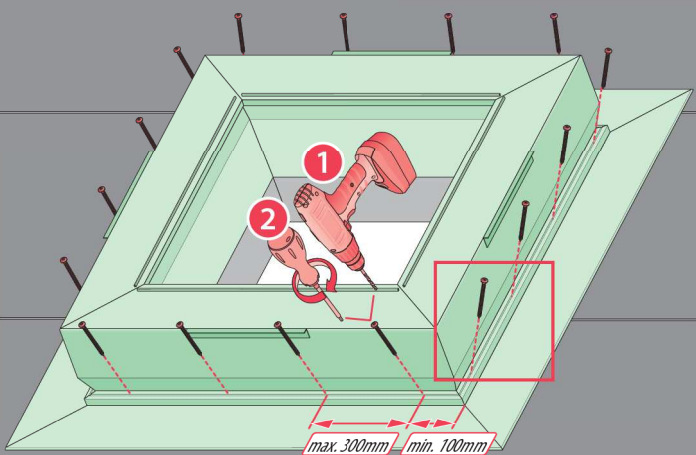
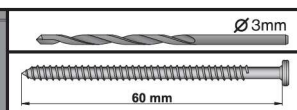


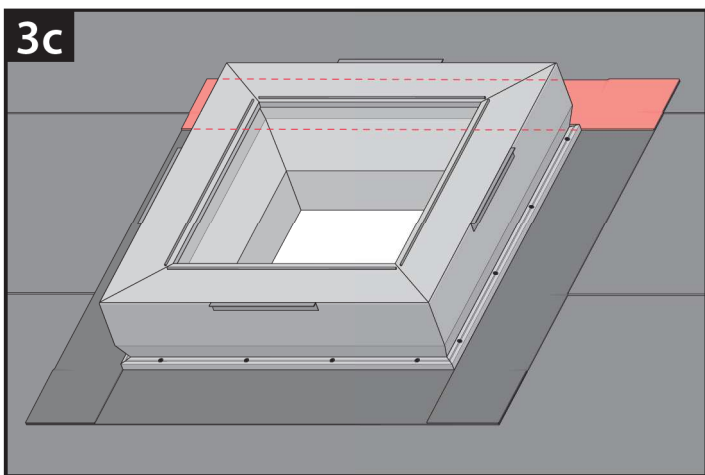
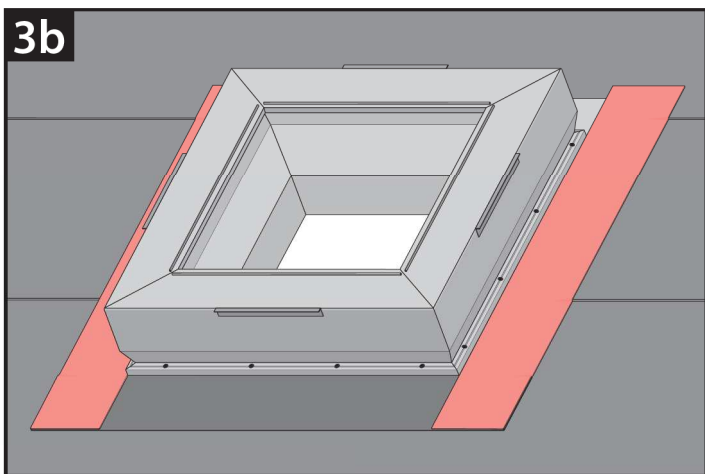
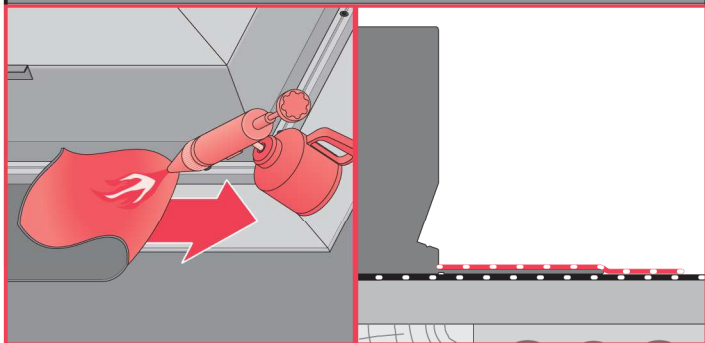
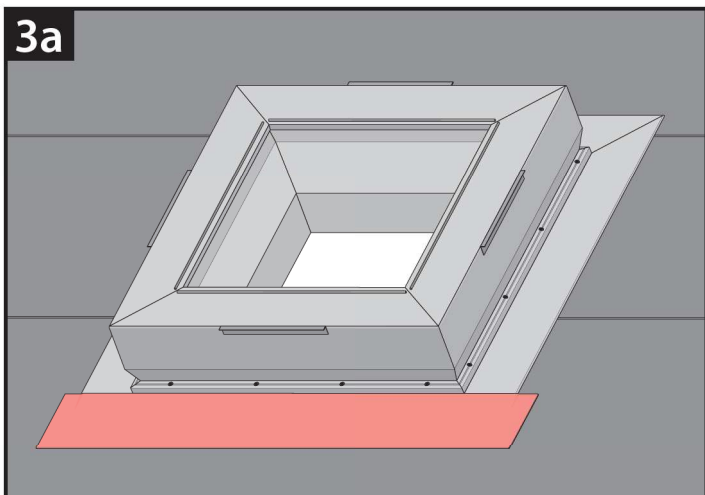
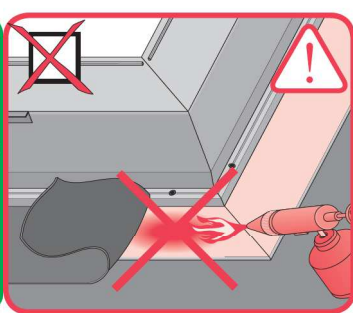
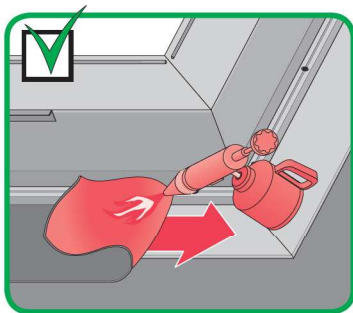
2a



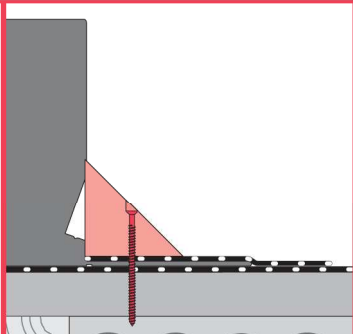
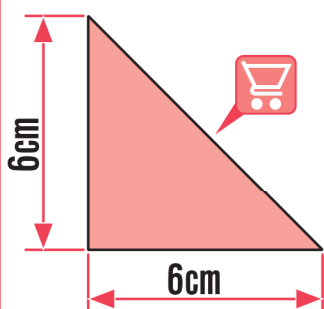
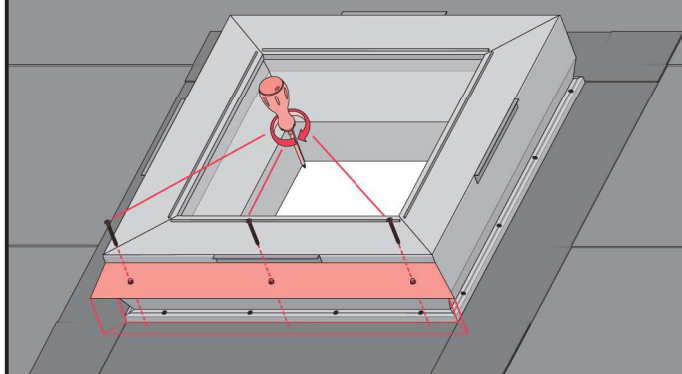
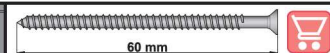
$$X_1 = X_2 = Y_3 = Y_4$$

2b

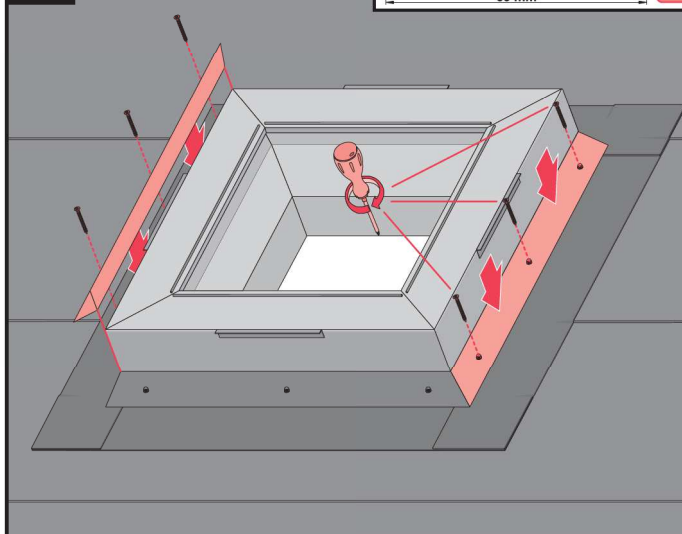




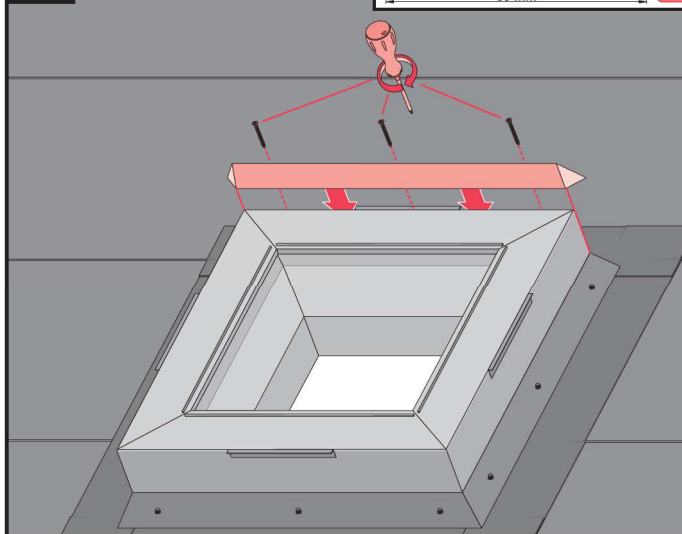
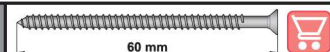
4a

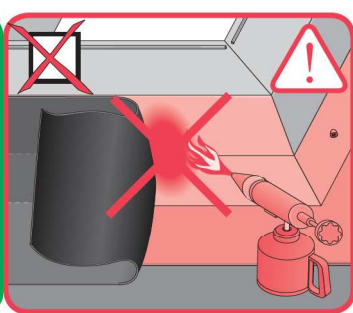
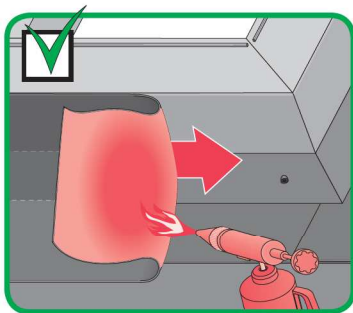


4b

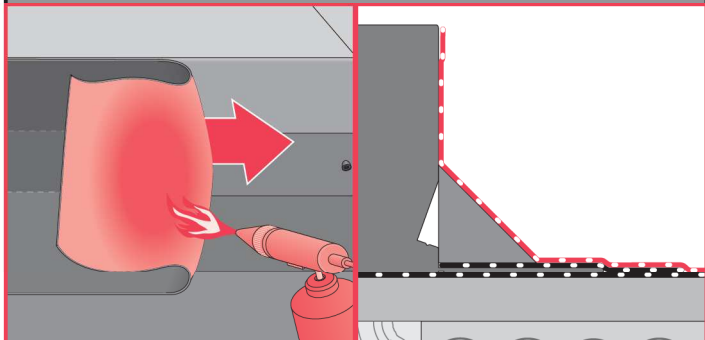
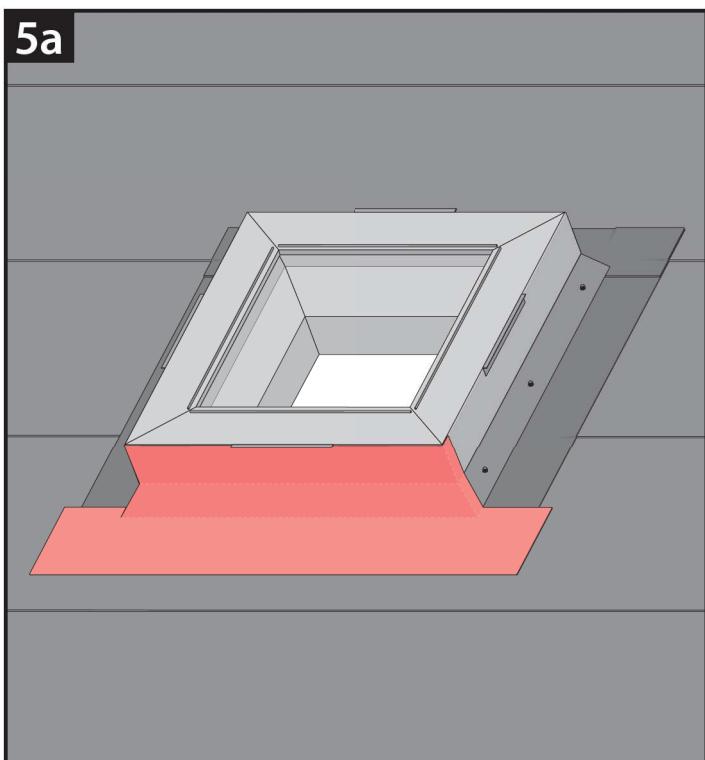


4c

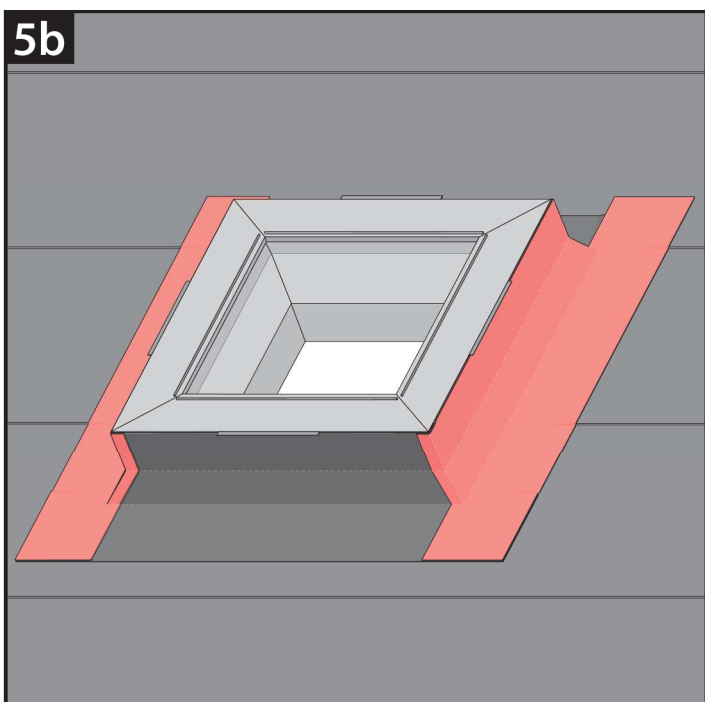




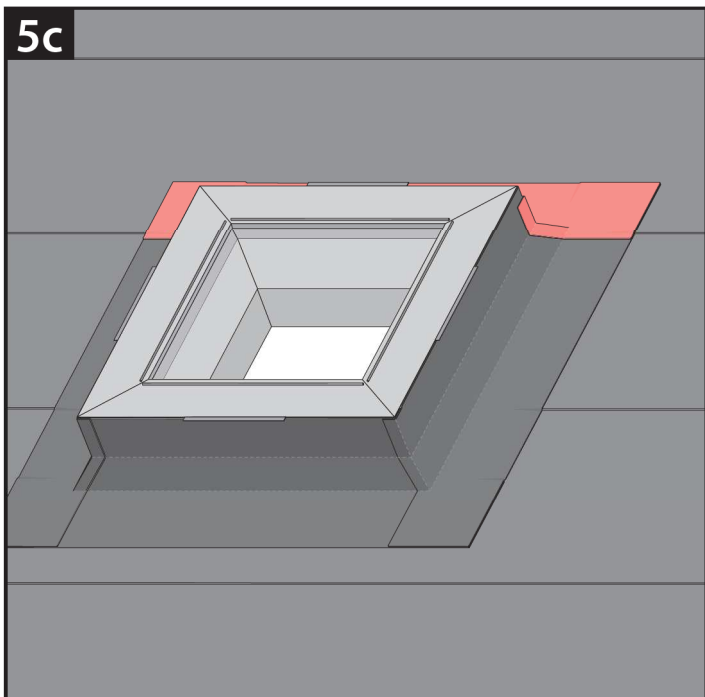
5a



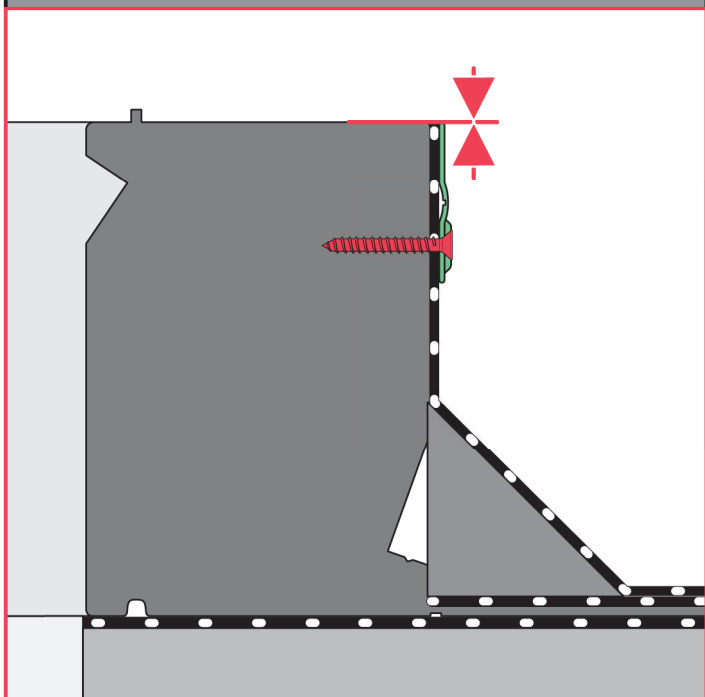
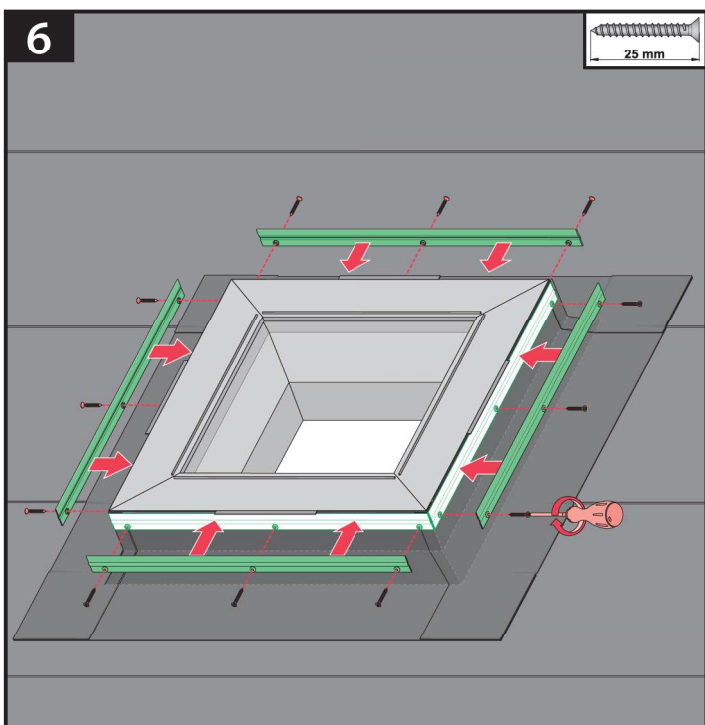
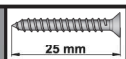
5b



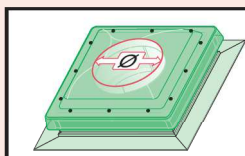
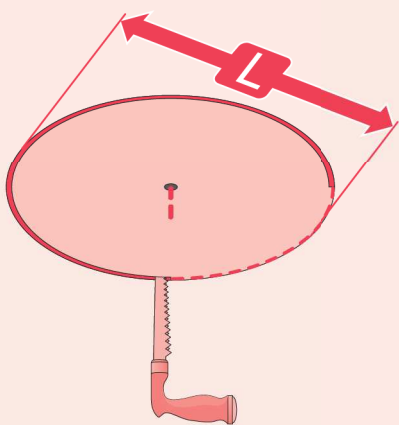
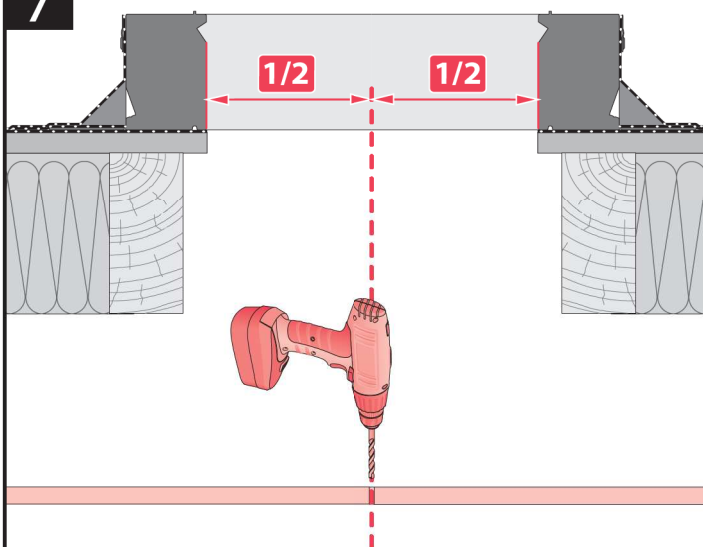
5c



6

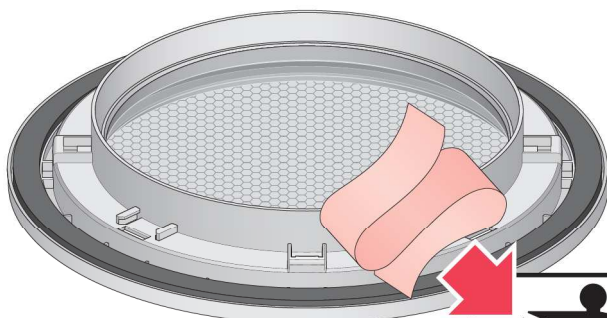
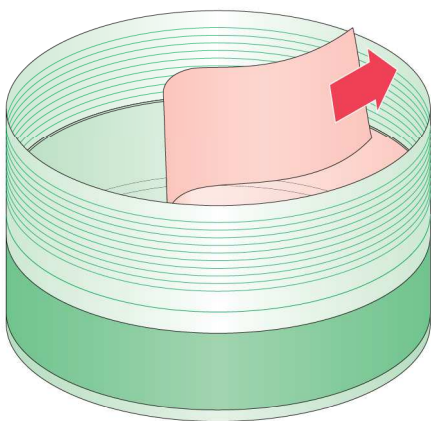


7



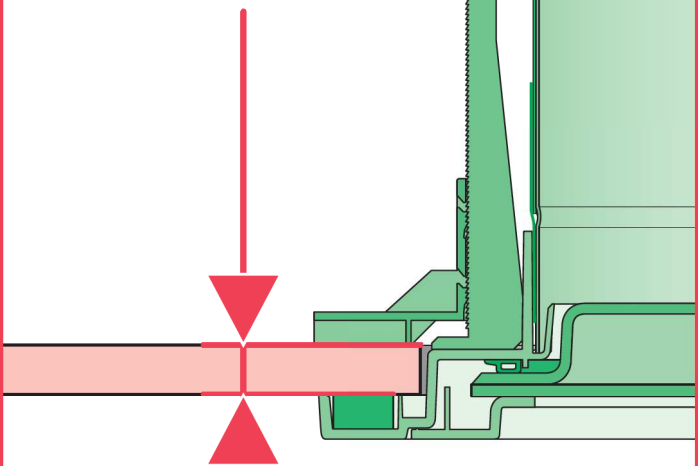
Ø [mm]	L [mm]
350	410
550	610

8

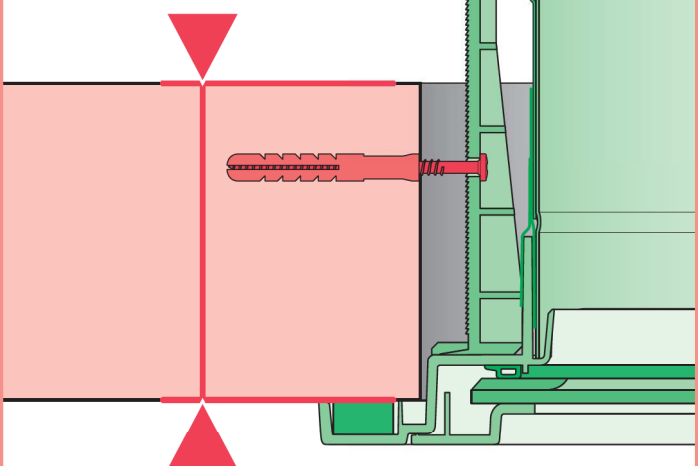




max 60mm

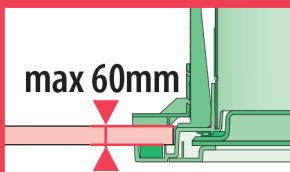


>60mm

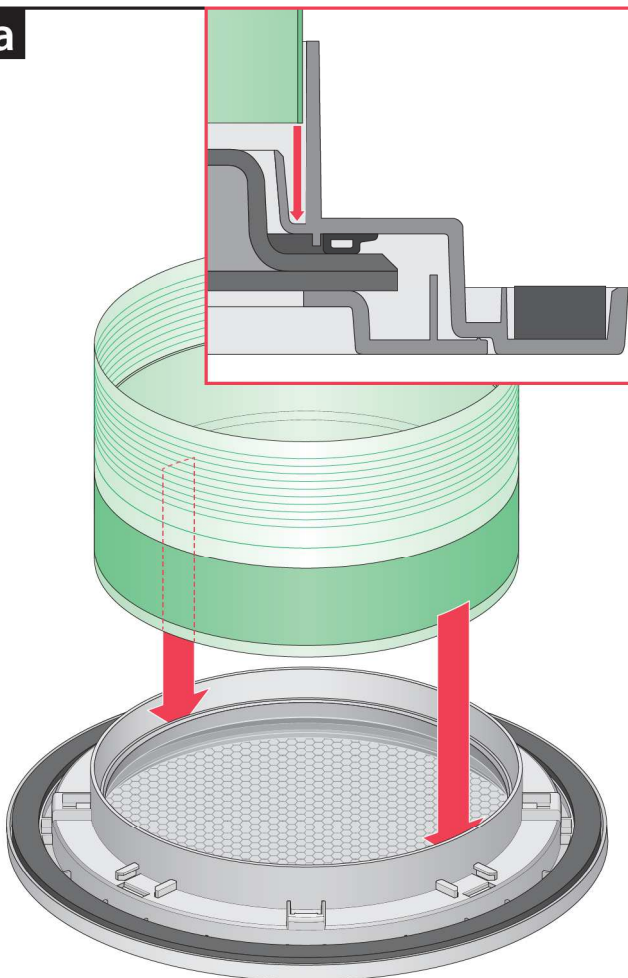




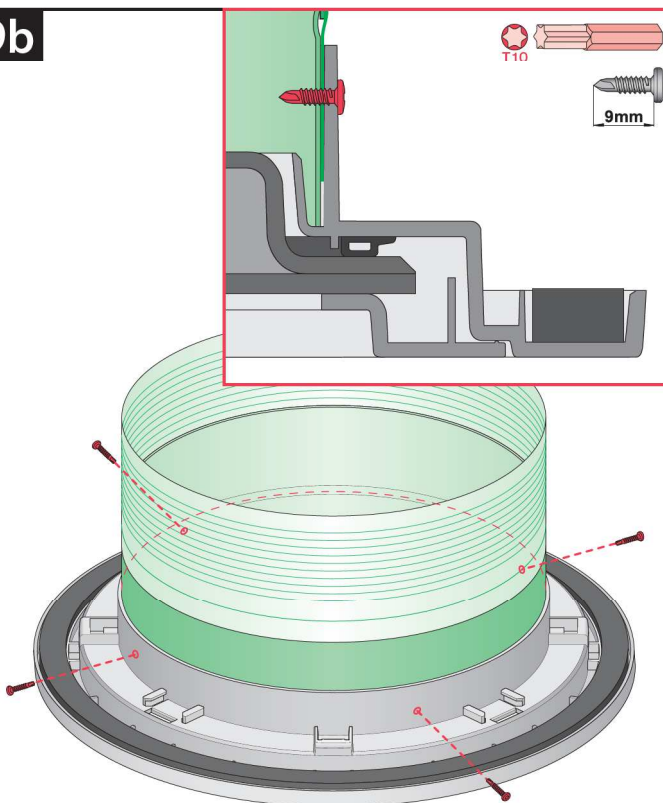
max 60mm



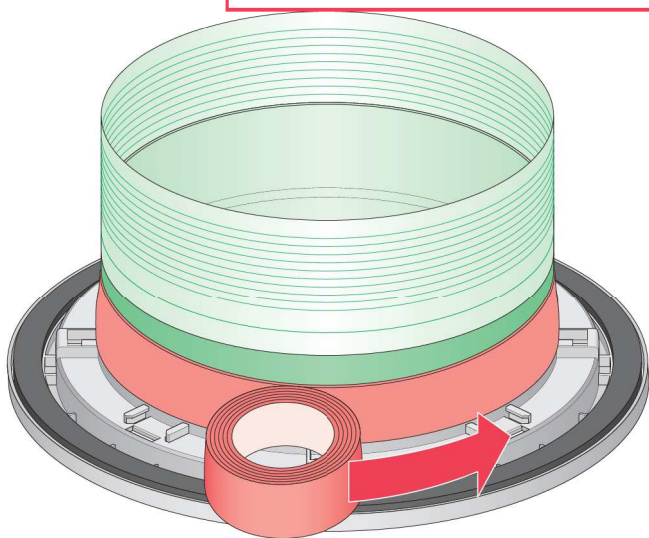
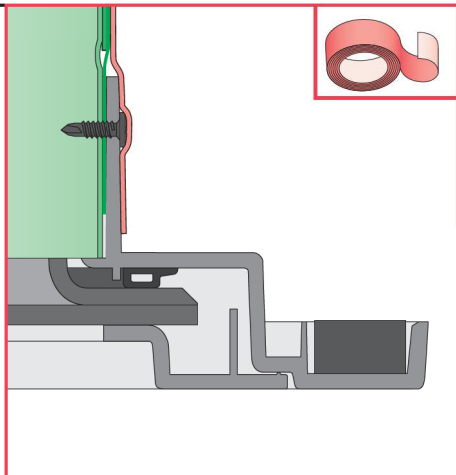
9a



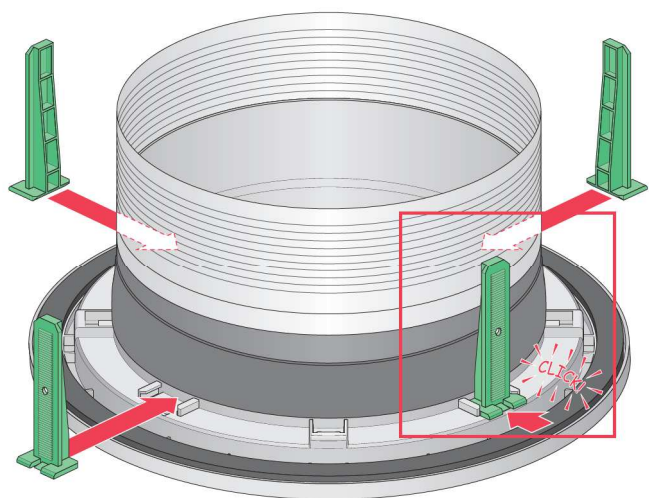
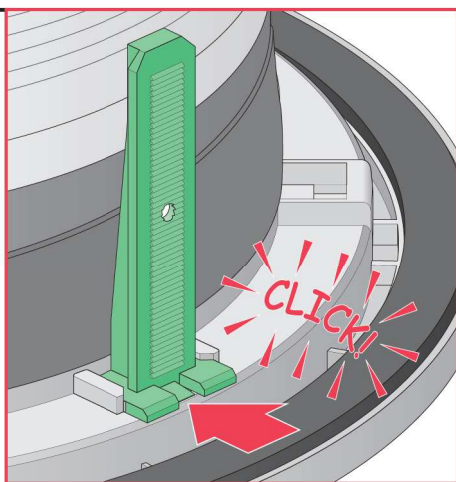
9b



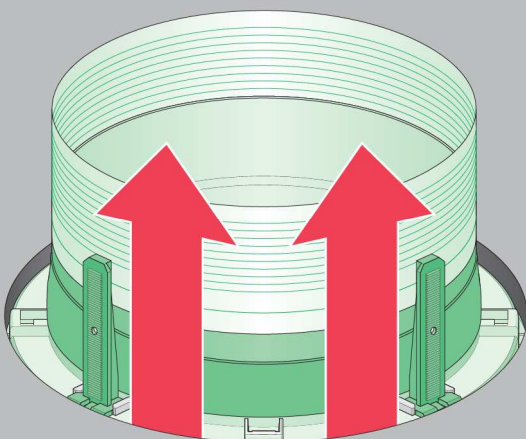
9c



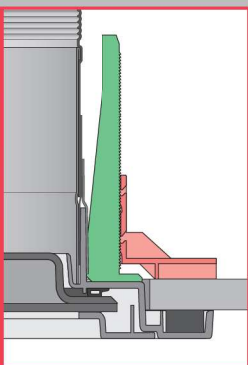
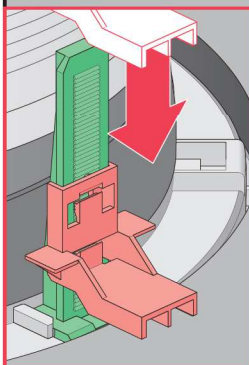
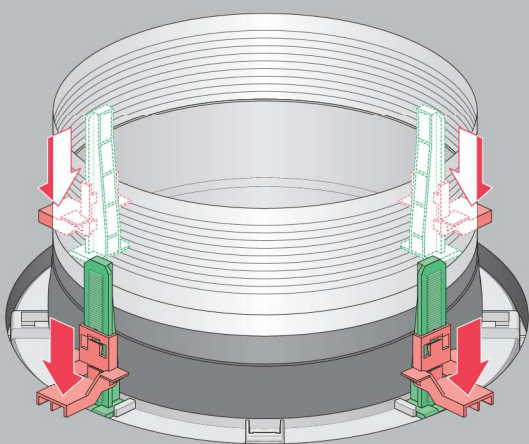
9d

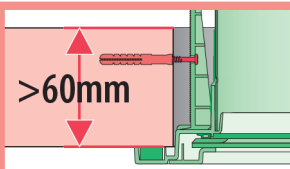


10a

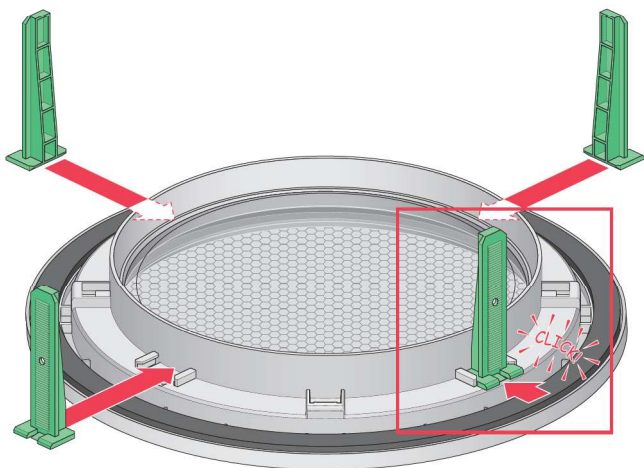
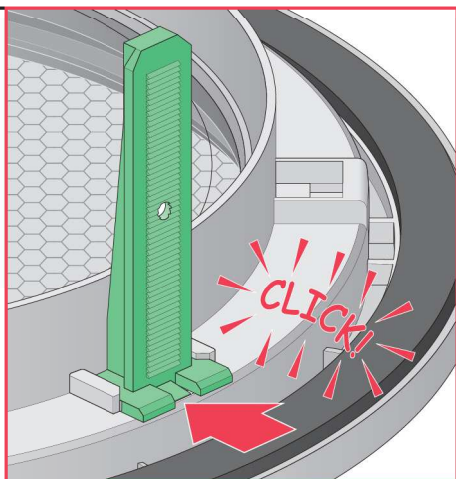


10b

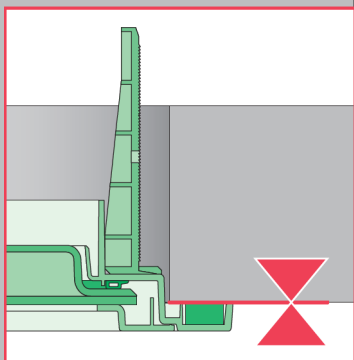
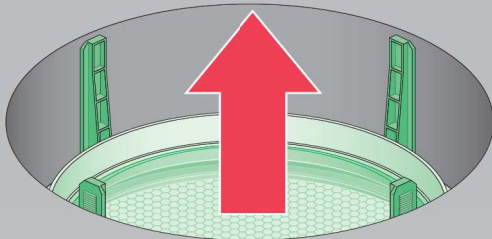




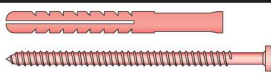
9a*



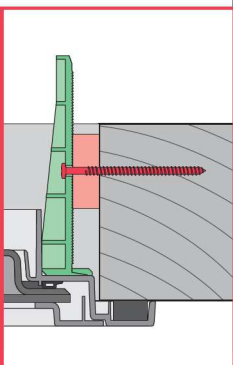
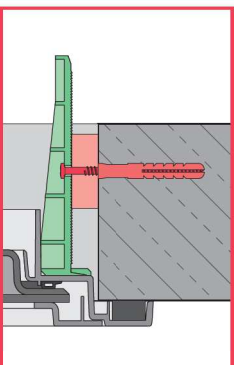
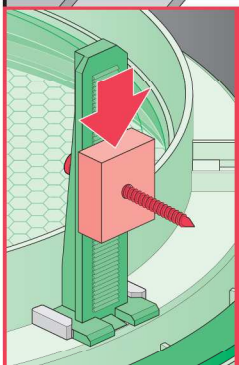
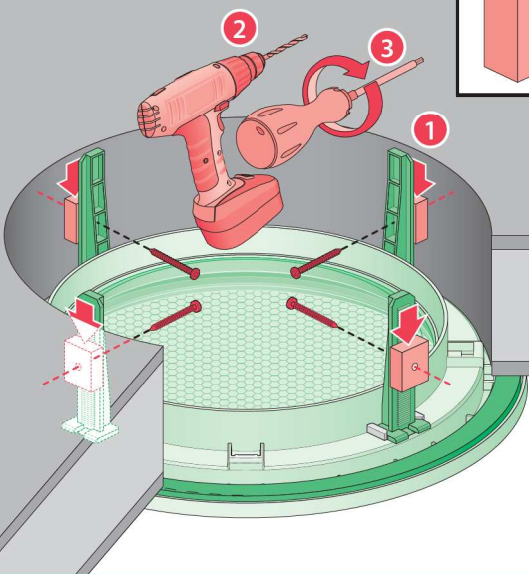
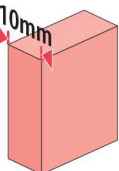
9b*



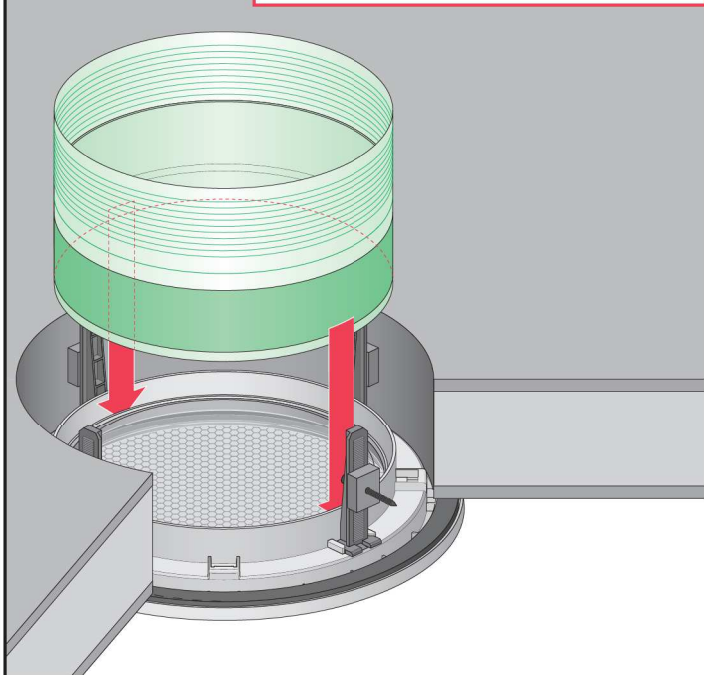
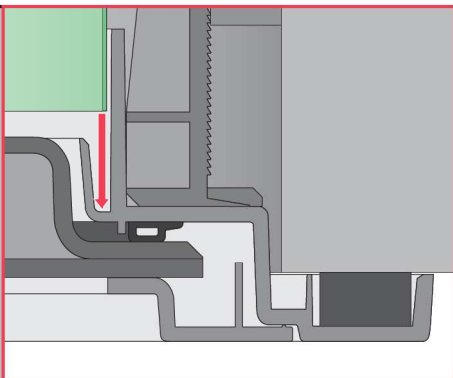
9c*



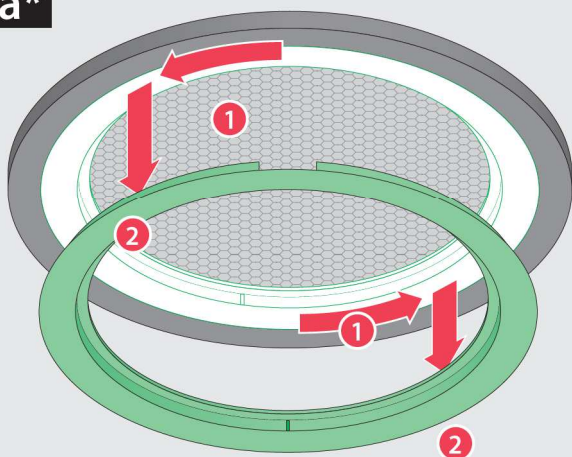
10mm



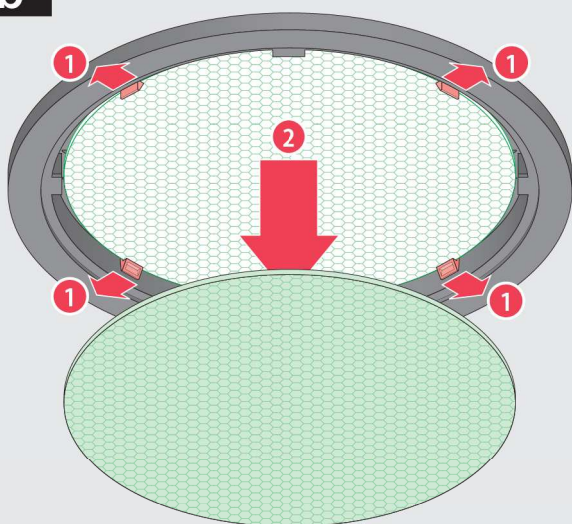
9d*



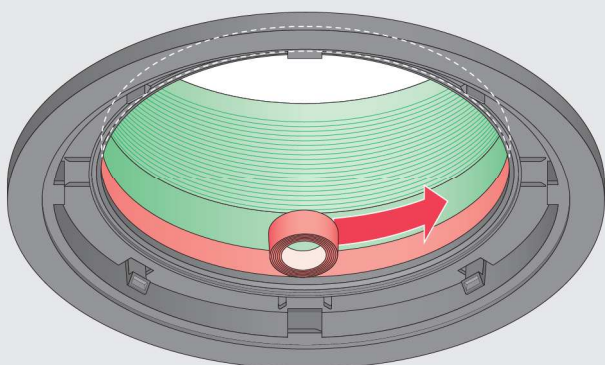
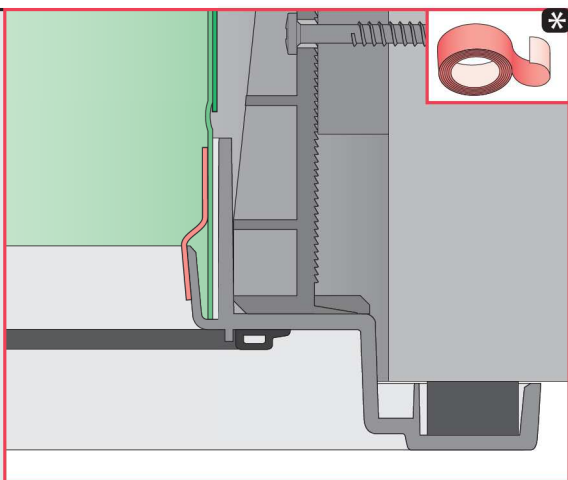
10a*



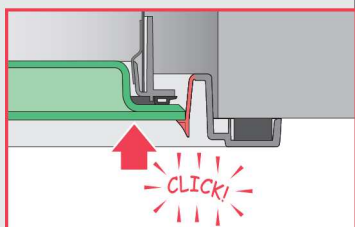
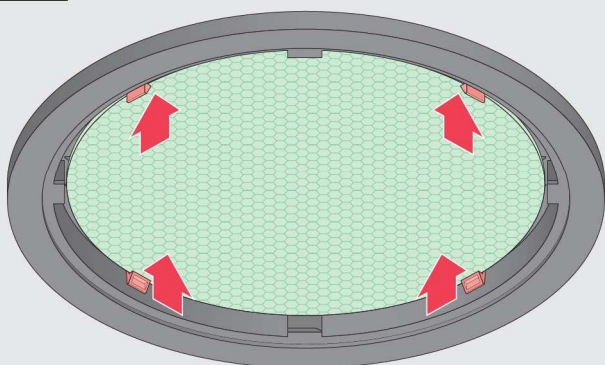
10b*



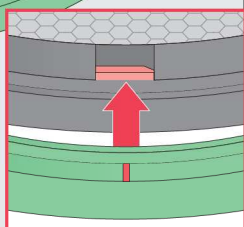
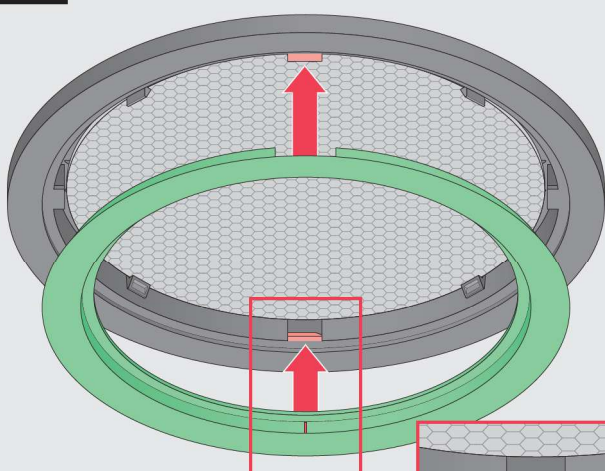
10c*



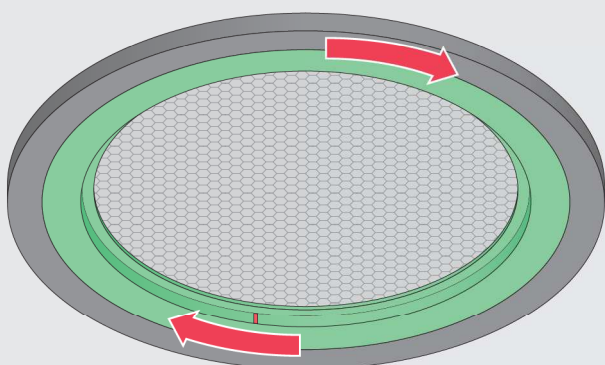
10d*



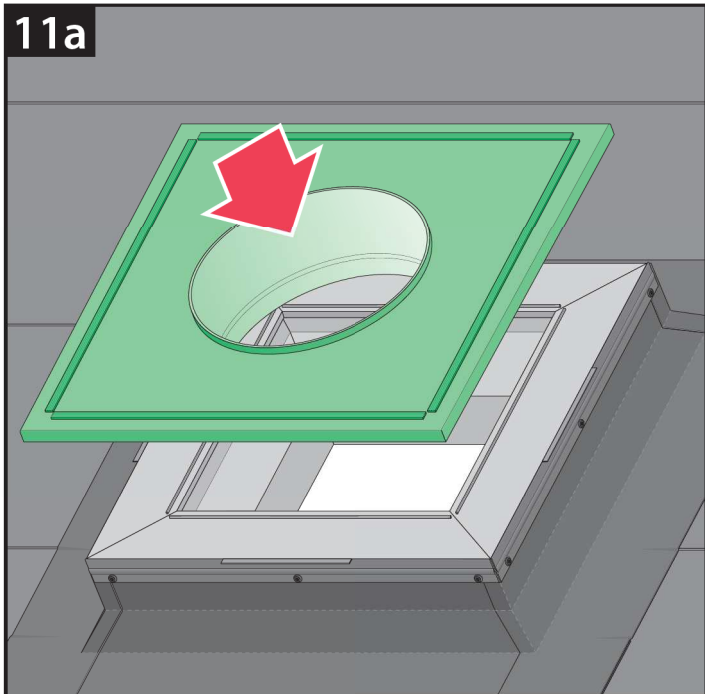
10e*



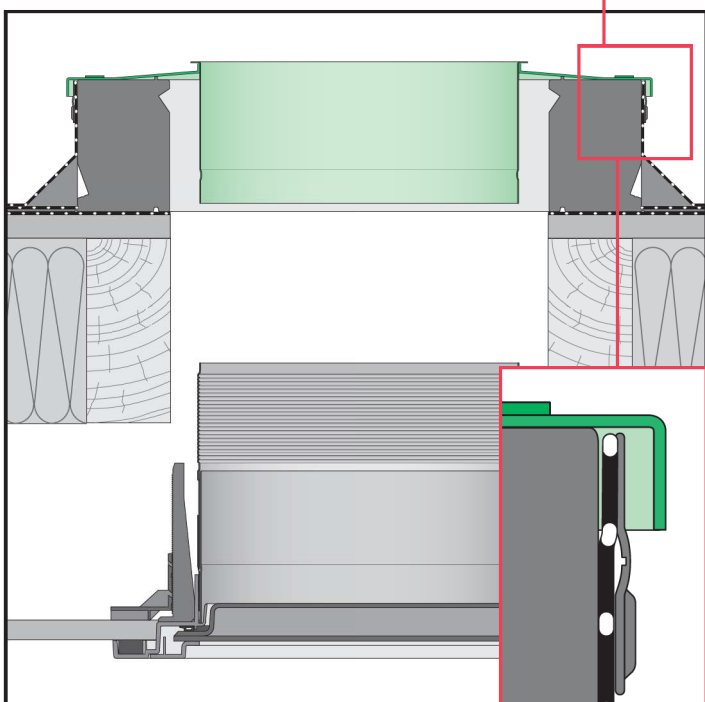
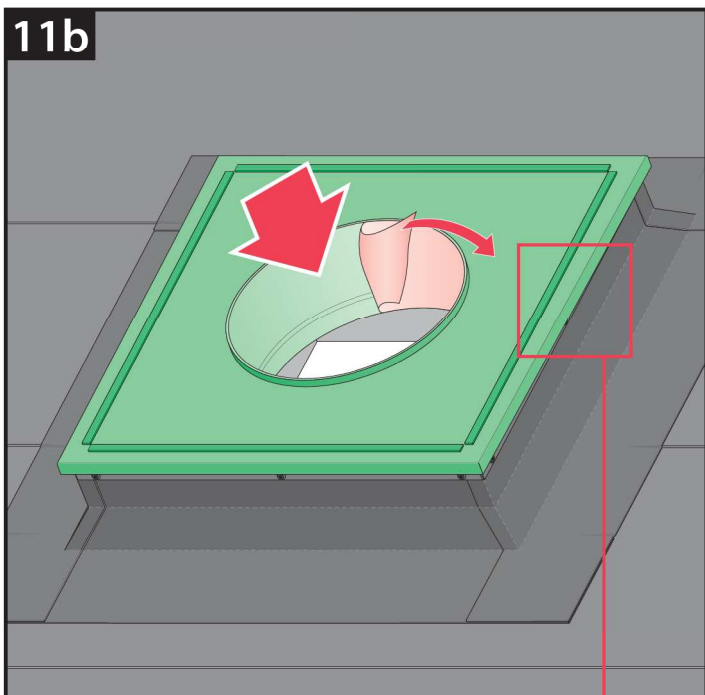
10f*

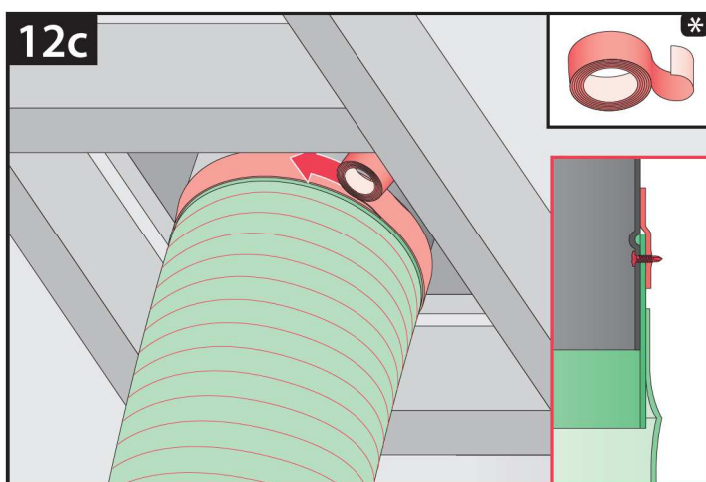
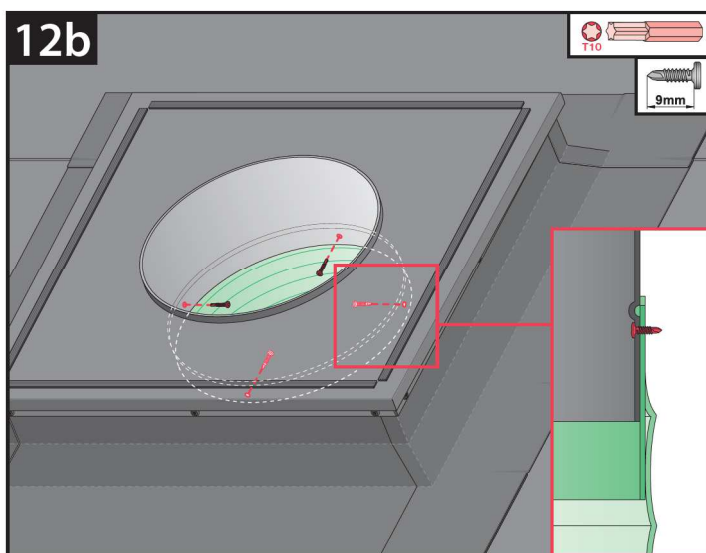
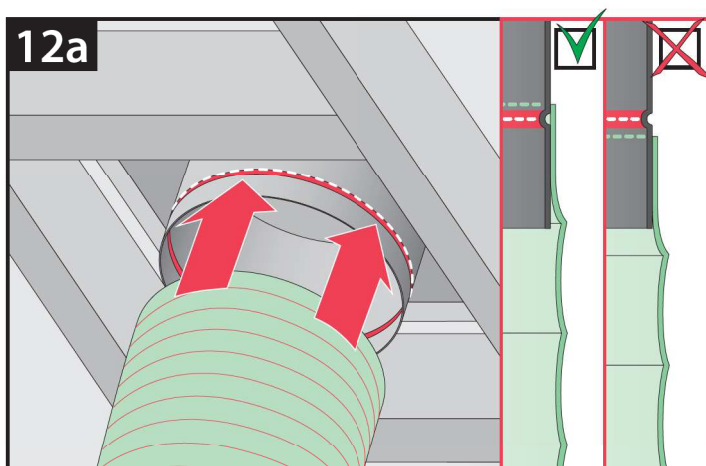
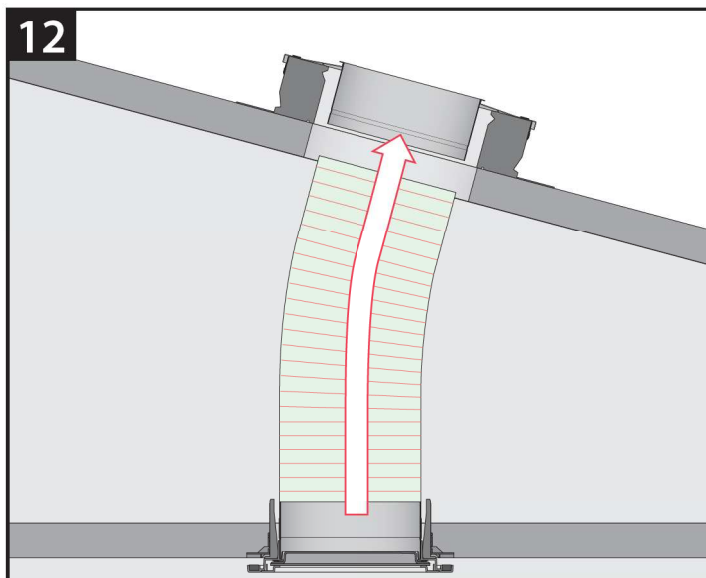


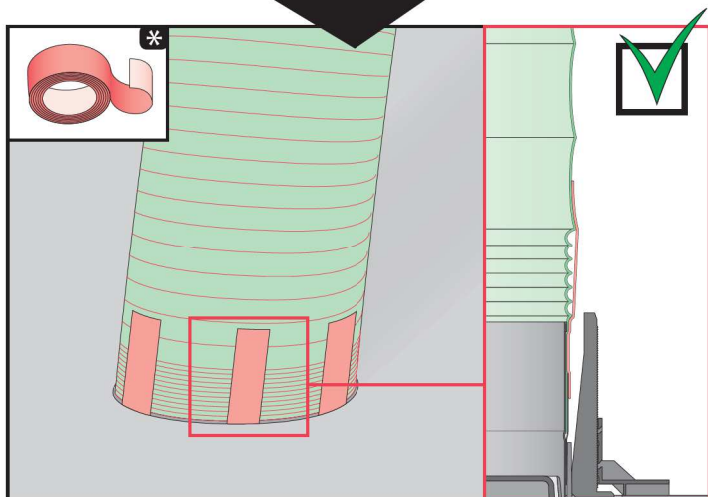
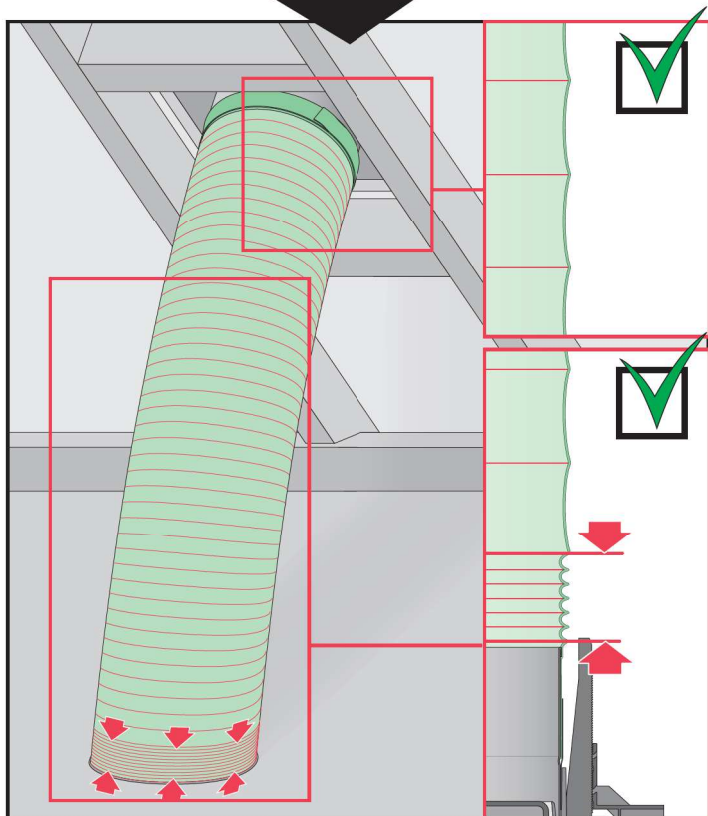
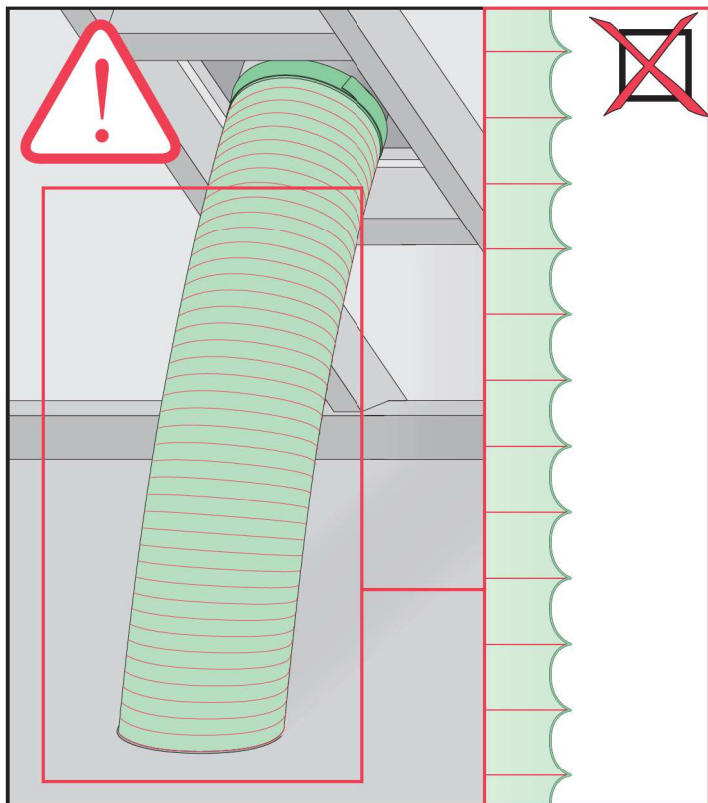
11a



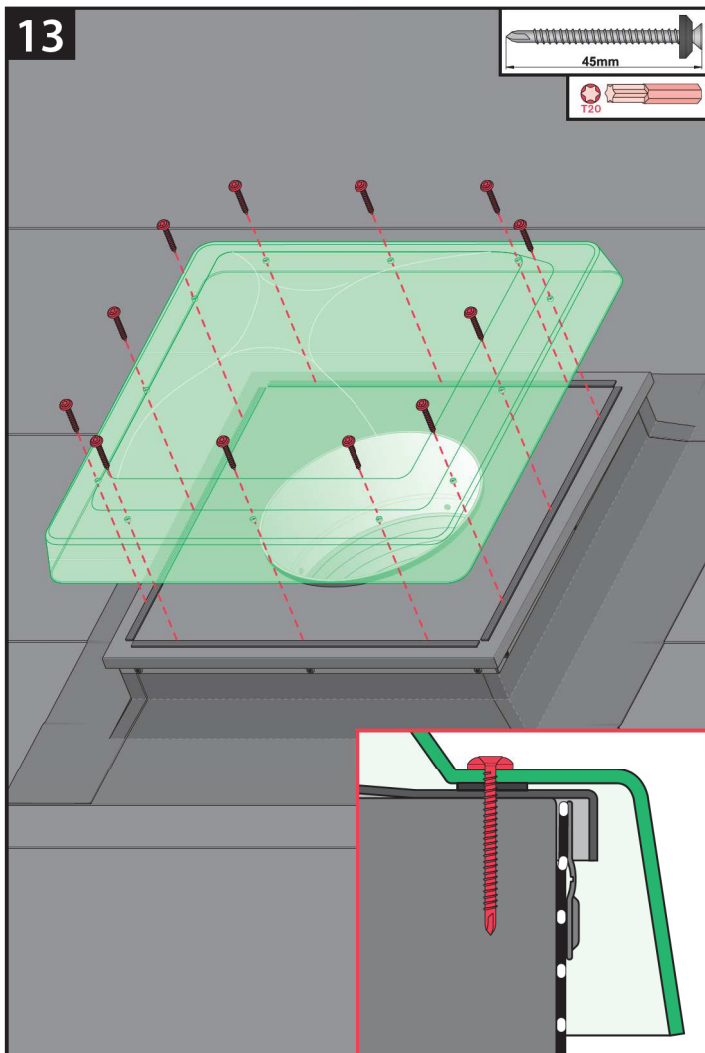
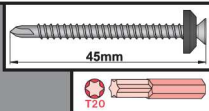
11b

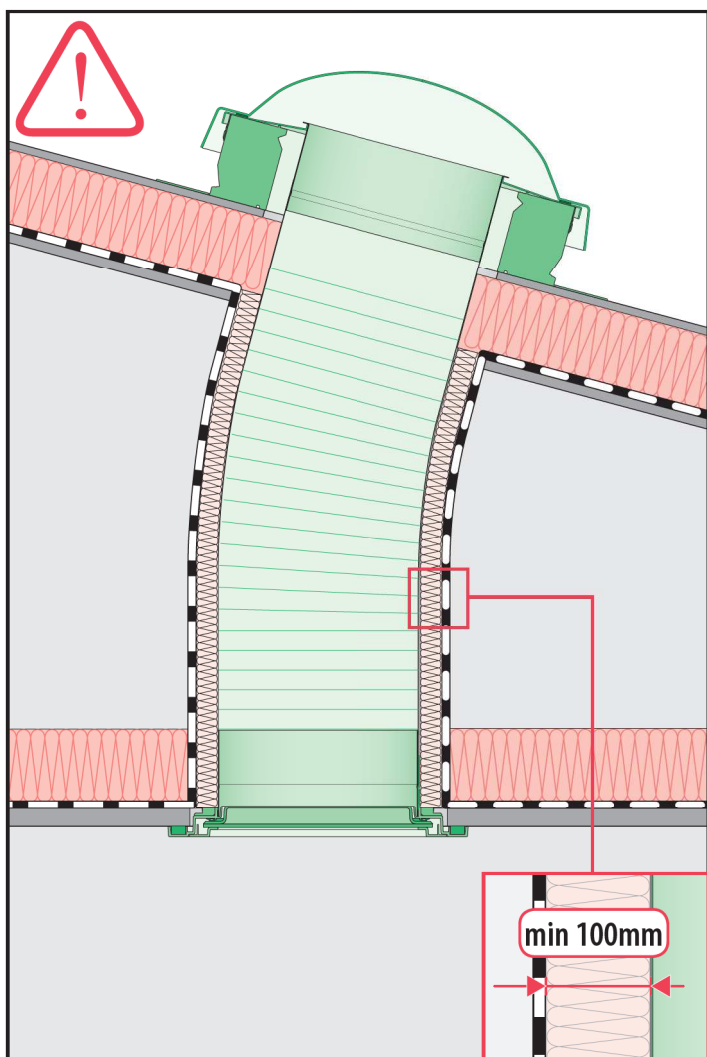
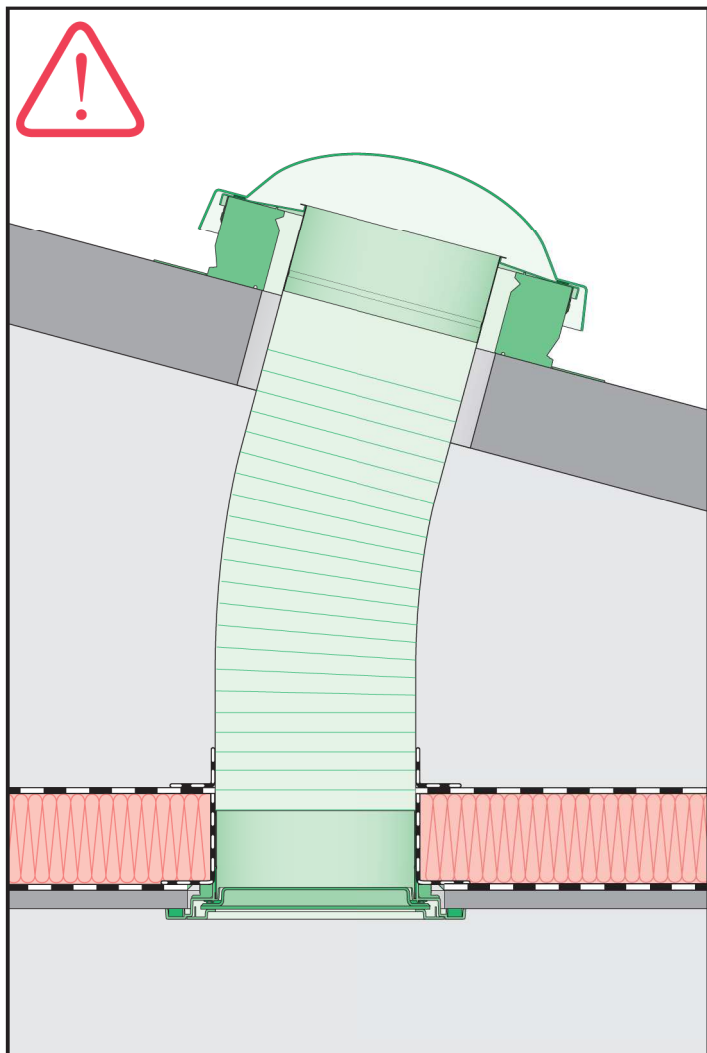






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PL	Zasadnicze charakterystyki wyrobu budowlanego dla zamierzonego zastosowania	Deklarowane właściwości użytkowe
GB	Essential characteristics of the construction product for the intended use	Declared performance characteristics
DE	Wesentliche Merkmale des Bauprodukts für den vorgesehenen Verwendungszweck	Leistung
FR	Paramètres caractéristiques pour le produit de bâtiment selon sa destination	Performances déclarées
Odporność na uderzenie ciałem twardym Impact resistance – hard body Stoßbeanspruchung harte Körper Resistance aux chocs avec objet dur		Wynik pozytywny Positive result Bestanden Resultat positif
Odporność na uderzenie ciałem miękkim Impact resistance – soft body Stoßbeanspruchung weiche Körper Resistance aux chocs avec objet mou		Klasa SB 800 dla SRD, SFD, SR_, SF_ Klasa SB 1200 dla SRF, SFF Class SB 800 for SRD, SFD, SR_, SF_ Class SB 1200 for SRF, SFF Klasse SB 800 für SRD, SFD, SR_, SF_ Klasse SB 1200 für SRF, SFF Classe SB 800 pour SRD, SFD, SR_, SF_ Classe SB 1200 pour SRF, SFF
Odporność na obciążenie dociskające Resistance to downward loads Widerstand gegen abwärts gerichtete Lasten Resistance a la charge de pressage		Klasa DL 2500 dla SRD, SFD, SR_, SF_, SRF, SFF Class DL 2500 for SRD, SFD, SR_, SF_, SRF, SFF Klasse DL 2500 für SRD, SFD, SR_, SF_, SRF, SFF Classe DL 2500 pour SRD, SFD, SR_, SF_, SRF, SFF
Odporność na obciążenie odrywające Resistance to upward loads Widerstand gegen aufwärts gerichtete Lasten Resistance a la charge déchirante		Klasa UL 3000 dla SRD, SFD, SR_, SF_, SRF, SFF Class UL 3000 for SRD, SFD, SR_, SF_, SRF, SFF Klasse UL 3000 für SRD, SFD, SR_, SF_, SRF, SFF Classe UL 3000 pour SRD, SFD, SR_, SF_, SRF, SFF
Wodoszczelność Watertightness Wasserfestigkeit Étanchéité à l'eau		Wynik pozytywny Positive result Bestanden Resultat positif
Przepuszczalność powietrza Air permeability Luftdurchlässigkeit Perméabilité à l'air		Klasa 4 Class 4 Klasse 4 Classe 4
Izolacyjność cieplna Thermal insulation Wärmedurchlasswiderstand Isolation thermique		≤ 2.1 W/(m²K) dla 250 SRD, SR_ ≤ 2.0 W/(m²K) dla 350 SRD, SFD, SR_, SF_, SRF, SFF ≤ 1.9 W/(m²K) dla 550 SRD, SFD, SR_, SF_, SRF, SFF ≤ 2.1 W/(m²K) for 250 SRD, SR_ ≤ 2.0 W/(m²K) for 350 SRD, SFD, SR_, SF_, SRF, SFF ≤ 1.9 W/(m²K) for 550 SRD, SFD, SR_, SF_, SRF, SFF ≤ 2.1 W/(m²K) für 250 SRD, SR_ ≤ 2.0 W/(m²K) für 350 SRD, SFD, SR_, SF_, SRF, SFF ≤ 1.9 W/(m²K) für 550 SRD, SFD, SR_, SF_, SRF, SFF ≤ 2.1 W/(m²K) pour 250 SRD, SR_ ≤ 2.0 W/(m²K) pour 350 SRD, SFD, SR_, SF_, SRF, SFF ≤ 1.9 W/(m²K) pour 550 SRD, SFD, SR_, SF_, SRF, SFF

BG	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 сграда.	IT	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.
CZ	Výrobce ani prodejce nenesou žádnou odpovědnost za nedodržení příslušných platných zákonů, stavebních předpisů a bezpečnostních požadavků uživatelem výrobku, architektem, montážníkem nebo vlastníkem budovy.	NL	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.
DE	Hersteller und Verkäufer übernehmen keine Haftung für Nichtbeachtung entsprechender Rechts- und Bauvorschriften sowie Sicherheitsanforderungen seitens Produktbenutzers, Architekten, Monteure oder Gebäudebesitzers.	PL	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.
ES	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.	PT	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.
FR	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.	RO	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, montajorilor sau proprietarilor clădirii.
GB	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.	RU	В случае несоблюдения архитектором, монтажником или владельцем здания строительных правил и норм безопасности ответственность с производителя и продавца снимается.
HU	A Gyártó és a Forgalmazó nem vállal semmiféle felelősséget a vonatkozó törvényi, építési és biztonsági előírások termékelhasználó, építész, beépítőmester vagy épülettulajdonos általi be nem tartásáért.	SK	Výrobca a predajca nenesú žiadnu zodpovednosť za nedodržanie príslušných ustanovení zákona, stavebných predpisov a bezpečnostných požiadaviek užívateľom výrobku, architektom, montérom alebo majiteľom objektu.