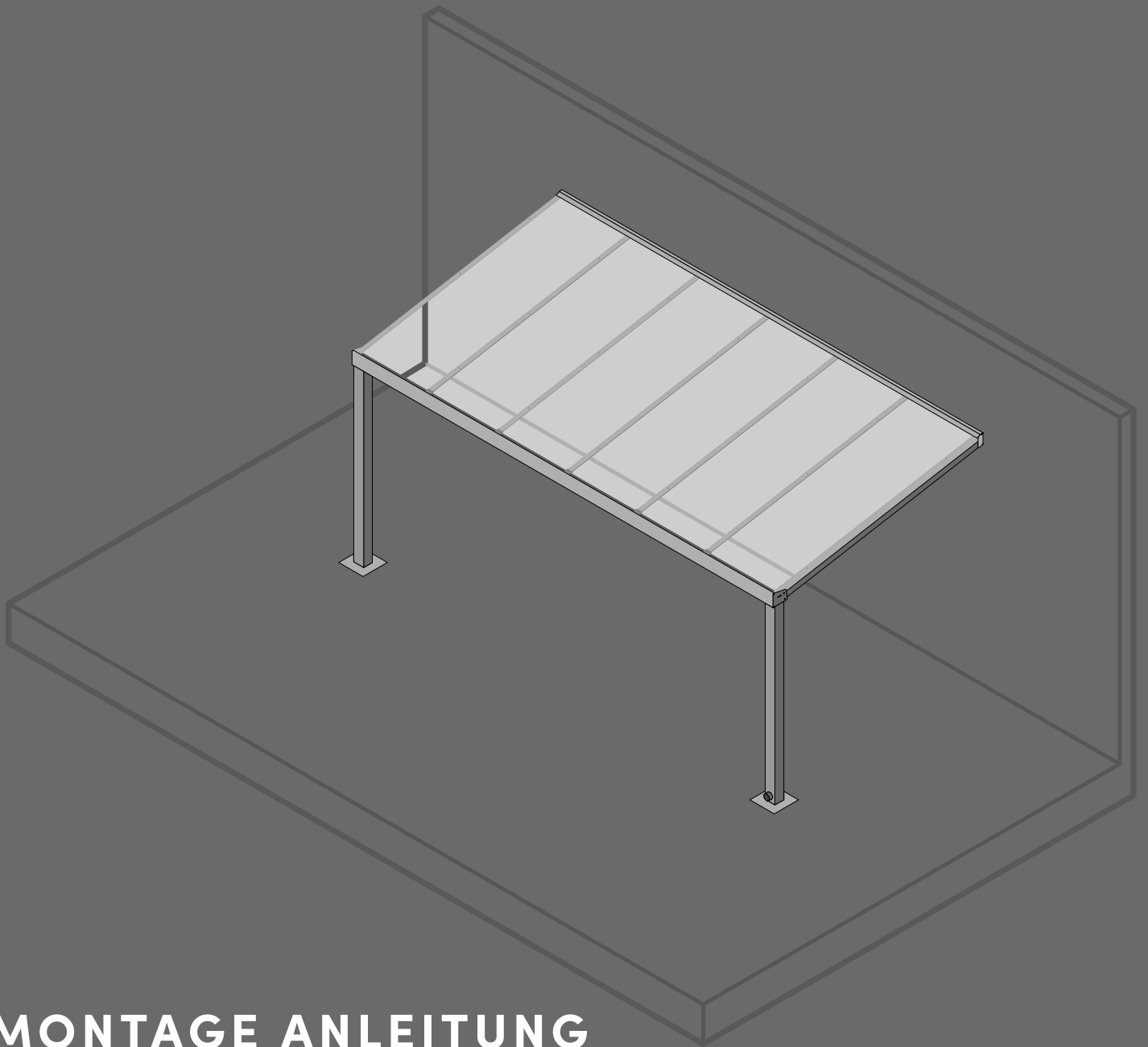


MODERN BEDACHT



**MONTAGE ANLEITUNG
TERRASSENÜBERDACHUNG BIS 6M**

MODERNBEDACHT

If you have accessories, it is possible that you have to refer to other manuals found on the website.

For a veranda longer than 6 metres, see the manual 'Porch with polycarbonate or glass roof (from 7 metres)', found on the website.

Als je accessoires hebt, kun je andere handleidingen raadplegen die op de website te vinden zijn.

Voor een veranda langer dan 6 meter, zie de handleiding "Veranda met polycarbonaat of glazen dak (vanaf 7 meter)", te vinden op de website.

Falls Sie Zubehör haben, können Sie sich auf andere Handbücher beziehen, die Sie auf der Website finden.

Für eine Terrassenüberdachung mit einer Länge von mehr als 6 Metern siehe die Anleitung „Terrassenüberdachung mit Polycarbonat- oder Glasdach (ab 7 Metern)“.

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Terrassenüberdachung mit Polycarbonat- oder Glasdach

Veranda with Polycarbonate Roof or Glass Roof

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safety instructions

safety instructions
veiligheidsvoorschriften
sicherheitsvorschriften

1

English

Safety instructions – Veranda with Polycarbonate Roof or Glass Roof

Article 1 – General Provisions

1.1 This manual must be carefully read before installation or use of the product. Correct compliance with the instructions is mandatory to prevent damage to property and personal injury. Failure to comply with these guidelines may have consequences for the warranty.

1.2 This manual must be retained for future reference. If the product is resold or transferred, the safety instructions must also be provided.

1.3 For questions not covered in this manual, contact the supplier. If the user has insufficient experience with installation or assembly, it is recommended to consult a professional.

1.4 The images in this manual are for clarification and may differ from the actual execution of the product.

1.5 This manual is copyrighted and may not be reproduced, distributed, or published without written permission.

1.6 Unassembled parts must be kept out of the reach of children.

Article 2 – Transport and Storage

2.1 The product must be securely fastened during transport to prevent damage.

2.2 The product must always be stored and transported in the original packaging in a safe, dry location.

2.3 Glass panels must always be stored, transported, and handled vertically. Preferably, use glass lifters with a minimum load capacity of 75 kg per lifter. Avoid contact with hard or uneven surfaces.

2.4 The transport vehicle must be suitable for the weight of the load and meet the requirements for safe transport.

Article 3 – Preliminary Inspection

3.1 Upon receipt, check that all parts are present and undamaged.

3.2 All parts must be laid out in an orderly manner before installation.

3.3 Before assembly, each part must be inspected for defects. If a defect is detected, photos must be taken, and the supplier must be contacted immediately.

3.4 If the product is installed or used despite a defect, this is entirely at the user's own risk.

Article 4 – Installation Guidelines

4.1 This product is designed for placement at ground level against a stable, flat wall with a minimum load capacity of 200 kg per linear meter.

4.2 Fastening materials are not included. The user is responsible for selecting suitable fastening materials and should seek professional advice.

4.3 The product can withstand a maximum load of 80 kg/m² and a wind load of 83.6 kg/m² in accordance with EN-1991-1-4. Installation in areas with extreme wind conditions is discouraged.

4.4 The foundation must have a minimum load-bearing capacity of 750 kg per support point. Future expansions, such as glass sliding doors, should be taken into account.

4.5 The product must not be placed tightly between two walls. A clearance of 1.5 mm per meter of veranda must be maintained due to material expansion.

4.6 Safety measures during installation:

- Support structures must be placed vertically level.
- The wall bracket and gutter must be mounted horizontally level.
- The veranda must be installed at an 8-degree angle.
- The roof is not designed to be walked on, stood on, or sat on.

Article 5 – Use and Safety

5.1 Small parts must be kept out of the reach of children.

5.2 The product is not intended for use by children and should not be considered a toy.

5.3 Exposure to open flames must be avoided.

5.4 All packaging materials must be removed before the product is put into use. Transport film from polycarbonate panels may only be removed after assembly.

Article 6 – Maintenance and Cleaning

6.1 The product must be inspected annually for secure fastening and possible defects. If damage is detected, the product must not be used until repairs have been carried out.

6.2 During maintenance or cleaning, sharp edges and protruding parts should be handled with care.

6.3 A lightly damp cloth should be used for cleaning. Aggressive cleaning agents are not recommended.

Article 7 – Warranty and Liability

7.1 Any modifications to the product that deviate from the installation manual will void the warranty and liability.

7.2 Self-performed repairs may cause hazardous situations and will result in the forfeiture of warranty and liability.

7.3 The use of non-original parts in combination with this product will void the warranty.

7.4 The manufacturer is not liable for damage to property or goods.

7.5 Consequential damages resulting from failure to follow safety instructions, misuse, or normal wear and tear are not covered by liability.

7.6 The product design, composition, and specifications may be changed without prior notice.

7.7 The instructions in this manual are drawn up in accordance with applicable standards, technical knowledge, and experience.

7.8 The terms agreed in the delivery contract, the general conditions, and the legal provisions in force at the time of purchase shall apply.

By following these guidelines, safe and sustainable use of the product is ensured.

veiligheids voorschriften

safety instructions
veiligheidsvoorschriften
sicherheitsvorschriften

2

Nederlands

Veiligheidsvoorschriften – Veranda met Polycarbonaat Dak of Dakglas

Artikel 1 – Algemene Bepalingen

1.1 Deze handleiding dient zorgvuldig te worden gelezen vóór installatie of gebruik van het product. Correcte naleving van de instructies is verplicht om schade aan eigendommen en persoonlijk letsel te voorkomen. Het niet naleven van deze richtlijnen kan gevolgen hebben voor de garantie.

1.2 Deze handleiding dient bewaard te blijven voor toekomstig gebruik. Indien het product wordt doorverkocht of overgedragen, dienen ook de veiligheidsinstructies te worden meegeleverd.

1.3 Voor vragen die niet in deze handleiding worden behandeld, dient contact opgenomen te worden met de leverancier. Indien de gebruiker onvoldoende ervaring heeft met installatie of montage, wordt aangeraden een vakman in te schakelen.

1.4 De afbeeldingen in deze handleiding zijn ter verduidelijking en kunnen afwijken van de daadwerkelijke uitvoering van het product.

1.5 Deze handleiding is auteursrechtelijk beschermd en mag niet worden gereproduceerd, verspreid of gepubliceerd zonder schriftelijke toestemming.

1.6 Niet-gemonteerde onderdelen dienen buiten het bereik van kinderen gehouden te worden.

Artikel 2 – Transport en Opslag

2.1 Het product dient tijdens transport stevig te worden vastgezet om schade te voorkomen.

2.2 Het product dient altijd in de originele verpakking op een veilige, droge locatie te worden opgeslagen en vervoerd.

2.3 Glasplaten moeten verticaal worden opgeslagen, vervoerd en verplaatst. Gebruik bij voorkeur glaslifters met een minimaal draagvermogen van 75 kg per lifter. Vermijd contact met harde of oneffen ondergronden.

2.4 Het gebruikte transportmiddel dient geschikt te zijn voor het gewicht van de lading en te voldoen aan de vereisten voor veilig transport.

Artikel 3 – Controle Vooraf

3.1 Bij ontvangst dient gecontroleerd te worden of alle onderdelen aanwezig zijn en geen schade hebben.

3.2 Alle onderdelen dienen overzichtelijk te worden neergelegd vóór de installatie.

3.3 Vóór montage dient elk onderdeel te worden gecontroleerd op gebreken. Indien een defect wordt geconstateerd, moeten hiervan foto's worden gemaakt en dient direct contact te worden opgenomen met de leverancier.

3.4 Indien het product ondanks een defect wordt geïnstalleerd of gebruikt, is dit volledig op eigen verantwoordelijkheid.

Artikel 4 – Installatievoorschriften

4.1 Dit product is ontworpen voor plaatsing op grondniveau tegen een stabiele, vlakke muur met een minimale draagkracht van 200 kg per strekkende meter.

4.2 Bevestigingsmaterialen worden niet meegeleverd. De gebruiker is verantwoordelijk voor het kiezen van geschikte bevestigingsmaterialen en dient hiervoor professioneel advies in te winnen.

4.3 Het product is bestand tegen een maximale belasting van 80 kg/m² en een windbelasting van 83,6 kg/m² volgens EN-1991-1-4. Installatie in gebieden met extreme windomstandigheden wordt afgeraden.

4.4 De fundering dient per steunpunt een minimale draagkracht van 750 kg te hebben. Bij latere uitbreidingen, zoals glazen

schuifdeuren, dient hiermee rekening te worden gehouden.

4.5 Het product mag niet strak tussen twee muren worden geplaatst. Er moet een speling van 1,5 mm per meter veranda worden gehanteerd vanwege materiaaluitzetting.

4.6 Veiligheidsmaatregelen bij installatie:

- Steunstructuren moeten verticaal waterpas worden geplaatst.

- De muurbeugel en goot moeten horizontaal waterpas worden gemonteerd.

- De veranda dient onder een hoek van 8 graden te worden gemonteerd.

- Het dak is niet ontworpen om op te lopen, te staan of te zitten.

Artikel 5 – Gebruik en Veiligheid

5.1 Kleine onderdelen dienen buiten het bereik van kinderen te worden gehouden.

5.2 Het product is niet bedoeld voor gebruik door kinderen en mag niet als speelgoed worden beschouwd.

5.3 Blootstelling aan open vuur moet worden vermeden.

5.4 Alle verpakkingsmaterialen dienen vóór ingebruikname te worden verwijderd. Transportfolie van polycarbonaatpanelen mag pas na montage worden verwijderd.

Artikel 6 – Onderhoud en Schoonmaak

6.1 Het product dient jaarlijks te worden geïnspecteerd op veilige bevestiging en mogelijke gebreken. Bij schade mag het product niet worden gebruikt totdat herstel heeft plaatsgevonden.

6.2 Tijdens onderhoud of schoonmaak dient voorzichtig te worden omgegaan met scherpe randen en uitstekende delen.

6.3 Voor reiniging dient een licht vochtige doek te worden gebruikt. Agressieve schoonmaakmiddelen worden afgeraden.

Artikel 7 – Garantie en Aansprakelijkheid

7.1 Wijzigingen aan het product die afwijken van de installatiehandleiding doen de garantie en aansprakelijkheid vervallen.

7.2 Zelf uitgevoerde reparaties kunnen gevaarlijke situaties veroorzaken en leiden tot het vervallen van garantie en aansprakelijkheid.

7.3 Het gebruik van niet-originele onderdelen in combinatie met dit product doet de garantie vervallen.

7.4 De fabrikant is niet aansprakelijk voor schade aan eigendommen of goederen.

7.5 Gevolgschade als gevolg van het niet naleven van veiligheidsinstructies, onjuist gebruik of normale slijtage valt niet onder de aansprakelijkheid.

7.6 Productontwerp, samenstelling en specificaties kunnen zonder voorafgaande kennisgeving worden gewijzigd.

7.7 De instructies in deze handleiding zijn opgesteld volgens geldende normen, technische kennis en ervaring.

7.8 De voorwaarden zoals overeengekomen in het leveringscontract, de algemene voorwaarden en de wettelijke bepalingen op het moment van aankoop zijn van toepassing.

Door deze richtlijnen na te leven, wordt een veilige en duurzame werking van het product gewaarborgd.

Sicherheitsvorschriften – Terrassenüberdachung mit Polycarbonat- oder Glasdach

Artikel 1 – Allgemeine Bestimmungen

- 1.1 Diese Anleitung muss vor der Installation oder Nutzung des Produkts sorgfältig gelesen werden. Die korrekte Einhaltung der Anweisungen ist zwingend erforderlich, um Schäden an Eigentum und Personenschäden zu vermeiden. Die Nichteinhaltung dieser Richtlinien kann Auswirkungen auf die Garantie haben.
- 1.2 Diese Anleitung muss für zukünftige Referenzen aufbewahrt werden. Wird das Produkt weiterverkauft oder übertragen, müssen die Sicherheitsanweisungen ebenfalls bereitgestellt werden.
- 1.3 Bei Fragen, die in dieser Anleitung nicht behandelt werden, wenden Sie sich bitte an den Lieferanten. Falls der Benutzer über unzureichende Erfahrung mit der Installation oder Montage verfügt, wird empfohlen, einen Fachmann hinzuzuziehen.
- 1.4 Die Abbildungen in dieser Anleitung dienen der Veranschaulichung und können von der tatsächlichen Ausführung des Produkts abweichen.
- 1.5 Diese Anleitung ist urheberrechtlich geschützt und darf ohne schriftliche Genehmigung nicht vervielfältigt, verbreitet oder veröffentlicht werden.
- 1.6 Nicht montierte Teile müssen außerhalb der Reichweite von Kindern aufbewahrt werden.

Artikel 2 – Transport und Lagerung

- 2.1 Das Produkt muss während des Transports sicher befestigt werden, um Schäden zu vermeiden.
- 2.2 Das Produkt muss stets in der Originalverpackung an einem sicheren, trockenen Ort gelagert und transportiert werden.
- 2.3 Glasplatten müssen immer vertikal gelagert, transportiert und gehandhabt werden. Es wird empfohlen, Glasheber mit einer Mindesttragfähigkeit von 75 kg pro Heber zu verwenden. Kontakt mit harten oder unebenen Oberflächen ist zu vermeiden.
- 2.4 Das Transportfahrzeug muss für das Gewicht der Ladung geeignet sein und die Anforderungen für einen sicheren Transport erfüllen.

Artikel 3 – Vorabinspektion

- 3.1 Beim Empfang ist zu prüfen, ob alle Teile vorhanden und unbeschädigt sind.
- 3.2 Alle Teile müssen vor der Installation übersichtlich ausgelegt werden.
- 3.3 Vor der Montage muss jedes Teil auf Mängel überprüft werden. Wird ein Mangel festgestellt, müssen Fotos gemacht und der Lieferant unverzüglich kontaktiert werden.
- 3.4 Wird das Produkt trotz eines festgestellten Mangels installiert oder verwendet, geschieht dies auf eigenes Risiko des Benutzers.

Artikel 4 – Installationsrichtlinien

- 4.1 Dieses Produkt ist für die Platzierung auf Bodenhöhe an einer stabilen, ebenen Wand mit einer Mindesttragfähigkeit von 200 kg pro laufendem Meter ausgelegt.
- 4.2 Befestigungsmaterialien sind nicht enthalten. Der Benutzer ist für die Auswahl geeigneter Befestigungsmaterialien verantwortlich und sollte professionellen Rat einholen.
- 4.3 Das Produkt hält einer maximalen Belastung von 80 kg/m² und einer Windlast von 83,6 kg/m² gemäß EN-1991-1-4 stand. Eine Installation in Gebieten mit extremen Windverhältnissen wird nicht empfohlen.
- 4.4 Das Fundament muss eine Mindesttragfähigkeit von 750 kg pro Stützpunkt aufweisen. Künftige Erweiterungen, wie z. B. Glasschiebetüren, sind zu berücksichtigen.

- 4.5 Das Produkt darf nicht eng zwischen zwei Wänden platziert werden. Es muss eine Dehnungsfuge von 1,5 mm pro Meter Terrassenüberdachung eingehalten werden.
- 4.6 Sicherheitsmaßnahmen während der Installation:
 - Stützstrukturen müssen vertikal ausgerichtet sein.
 - Die Wandhalterung und die Regenrinne müssen horizontal - - ausgerichtet sein.
 - Die Terrassenüberdachung muss mit einem Neigungswinkel von 8 Grad installiert werden.
 - Das Dach ist nicht dafür ausgelegt, betreten, bestiegen oder als Sitzfläche genutzt zu werden.

Artikel 5 – Nutzung und Sicherheit

- 5.1 Kleine Teile müssen außerhalb der Reichweite von Kindern aufbewahrt werden.
- 5.2 Das Produkt ist nicht für die Nutzung durch Kinder bestimmt und darf nicht als Spielzeug betrachtet werden.
- 5.3 Der Kontakt mit offenen Flammen muss vermieden werden.
- 5.4 Alle Verpackungsmaterialien müssen vor der Inbetriebnahme des Produkts entfernt werden. Die Schutzfolie von Polycarbonatplatten darf erst nach der Montage entfernt werden.

Artikel 6 – Wartung und Reinigung

- 6.1 Das Produkt muss jährlich auf sicheren Halt und mögliche Mängel überprüft werden. Wird ein Schaden festgestellt, darf das Produkt erst nach erfolgter Reparatur verwendet werden.
- 6.2 Bei Wartungs- oder Reinigungsarbeiten ist vorsichtig mit scharfen Kanten und hervorstehenden Teilen umzugehen.
- 6.3 Zur Reinigung sollte ein leicht feuchtes Tuch verwendet werden. Aggressive Reinigungsmittel werden nicht empfohlen.

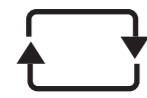
Artikel 7 – Garantie und Haftung

- 7.1 Änderungen am Produkt, die von der Installationsanleitung abweichen, führen zum Erlöschen der Garantie und Haftung.
- 7.2 Selbst durchgeführte Reparaturen können gefährliche Situationen verursachen und zum Verlust von Garantie und Haftung führen.
- 7.3 Die Verwendung nicht originaler Teile in Verbindung mit diesem Produkt führt zum Erlöschen der Garantie.
- 7.4 Der Hersteller haftet nicht für Schäden an Eigentum oder Gegenständen.
- 7.5 Folgeschäden durch die Nichteinhaltung von Sicherheitsanweisungen, unsachgemäße Nutzung oder normalen Verschleiß sind nicht von der Haftung abgedeckt.
- 7.6 Das Produktdesign, die Zusammensetzung und die Spezifikationen können ohne vorherige Ankündigung geändert werden.
- 7.7 Die Anweisungen in dieser Anleitung wurden gemäß geltenden Normen, technischen Kenntnissen und Erfahrungen erstellt.
- 7.8 Die im Liefervertrag, in den allgemeinen Geschäftsbedingungen und in den zum Zeitpunkt des Kaufs geltenden gesetzlichen Bestimmungen vereinbarten Bedingungen gelten.

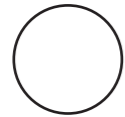
Durch die Einhaltung dieser Richtlinien wird eine sichere und nachhaltige Nutzung des Produkts gewährleistet.

Legende

legenda / legenda / legende



wiederholen
repeat



geliefert
provided



erforderlich
required



optional
optional



Hinweis!
caution!



richtig
correct



falsch
wrong



Stahl
steel



Ziegel
brick



Holz
wood



Regenwasserablauf
rainwater drainage



Zu kaufen
to be purchased

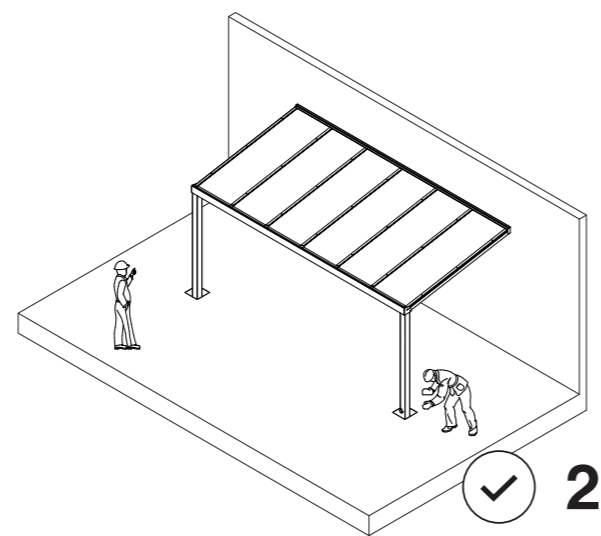
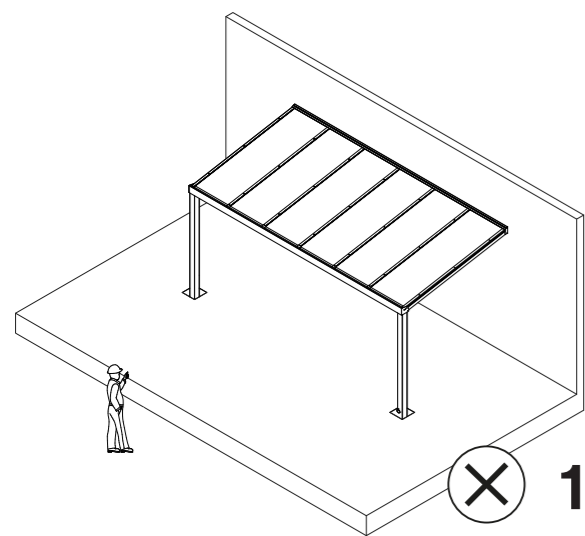


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Experte kontaktieren
consult professional

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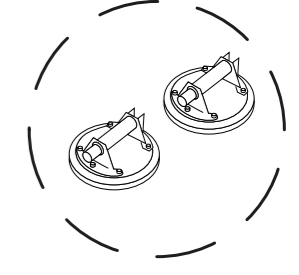
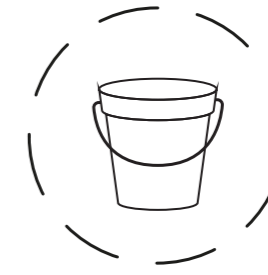
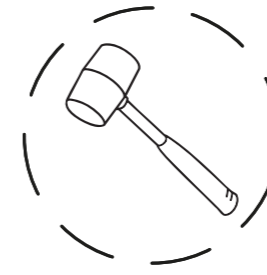
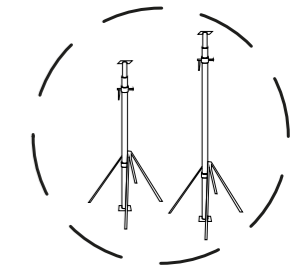
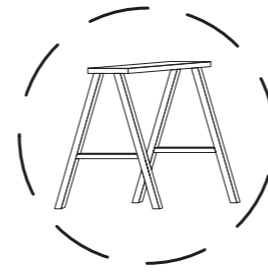
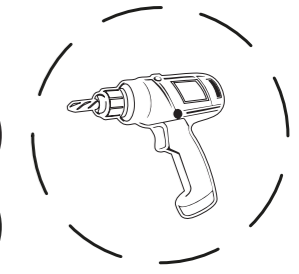
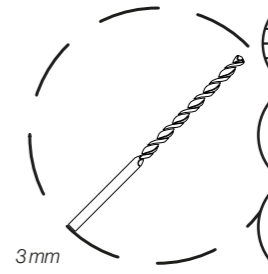
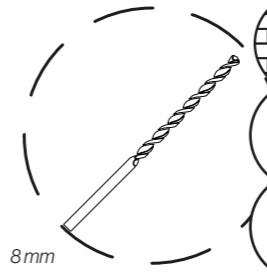
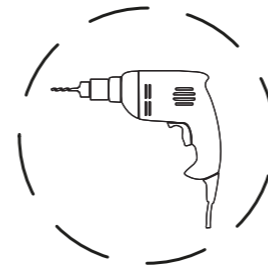
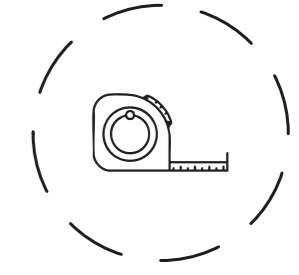
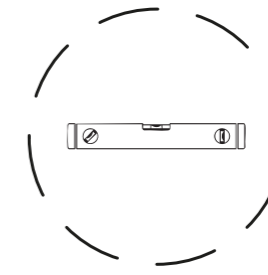
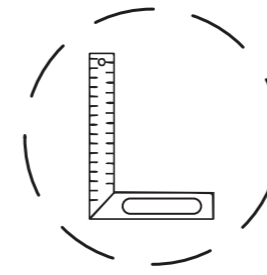
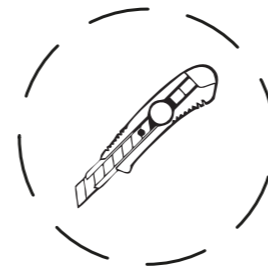
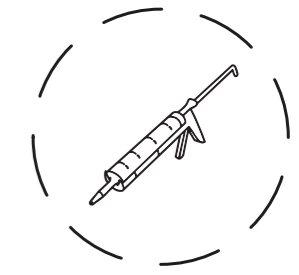
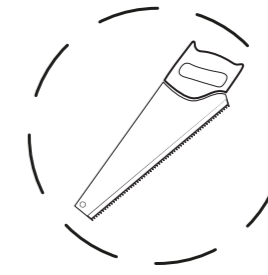
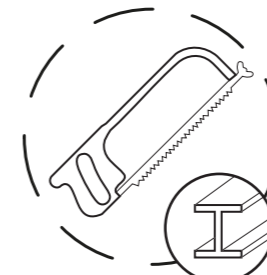
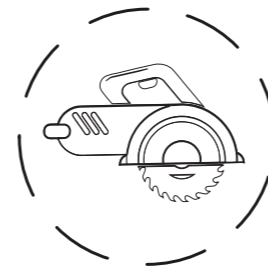


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Werkzeuge

tools / gereedschap / werkzeuge



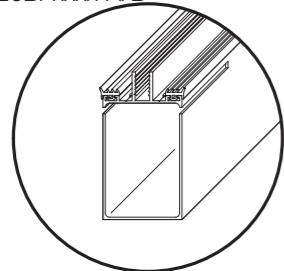
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Teile

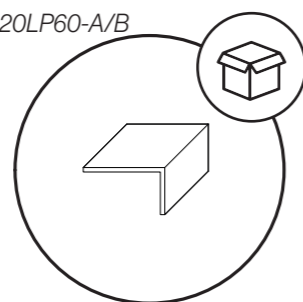
parts / onderdelen / teile

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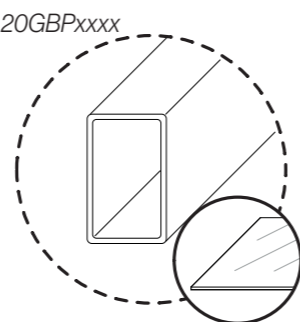


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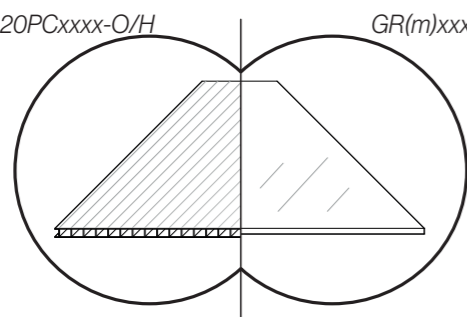
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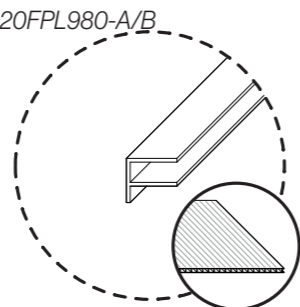
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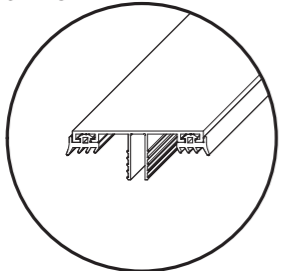
3.06m = 3x
4.06m = 4x
5.06m = 5x
6.06m = 6x

GR(m)xxxx

20FPL980-A/B

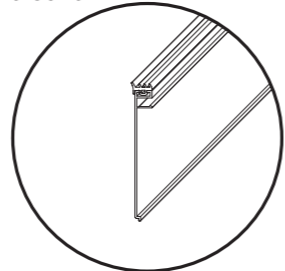


20BMCxxxx-A/B



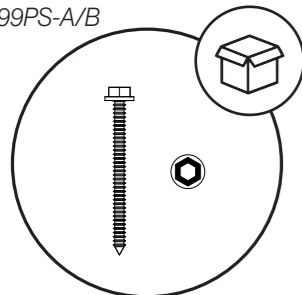
3.06m = 2x
4.06m = 3x
5.06m = 4x
6.06m = 5x

20IC940-A/B



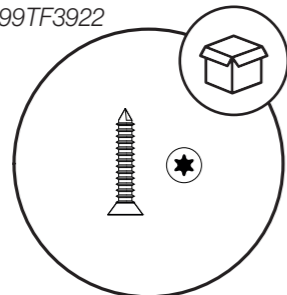
3.06m = 6x
4.06m = 8x
5.06m = 10x
6.06m = 12x

99PS-A/B



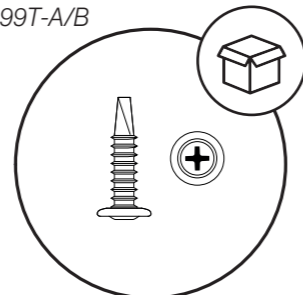
3.06m = 18x
4.06m = 22x
5.06m = 26x
6.06m = 30x

99TF3922

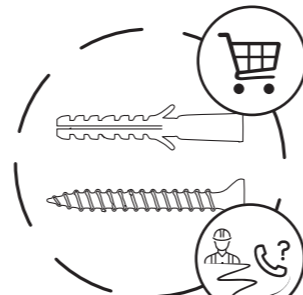


3.06m = 26x
4.06m = 32x
5.06m = 38x
6.06m = 44x

99T-A/B



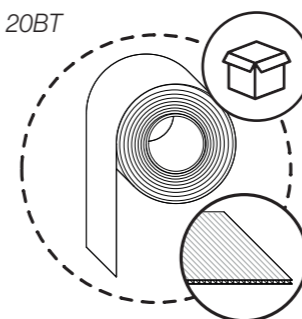
3.06m = 24x
4.06m = 24x
5.06m = 24x
6.06m = 28x



Teile

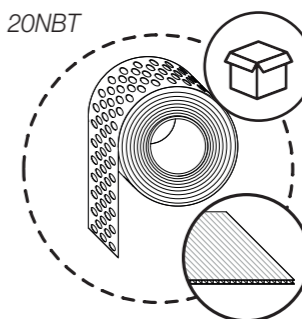
parts / onderdelen / teile

20BT

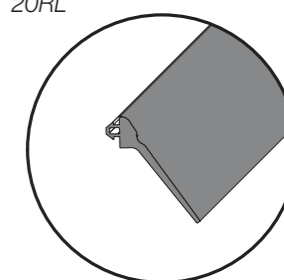


L=
3.06m = 3.2m
4.06m = 4.2m
5.06m = 5.2m
6.06m = 6.2m

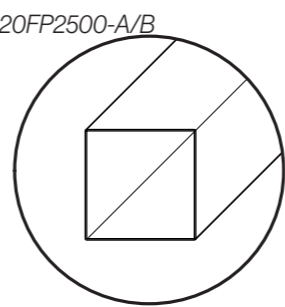
20NBT



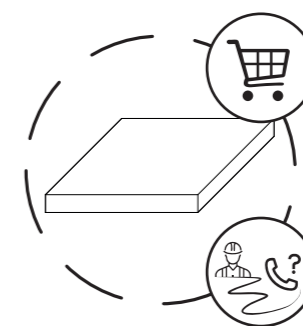
20RL



20FP2500-A/B

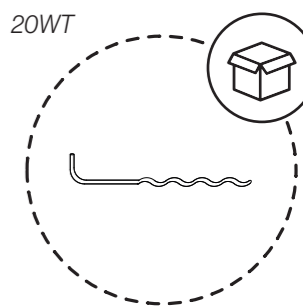


<6.06m = 2
>6.06m = 3

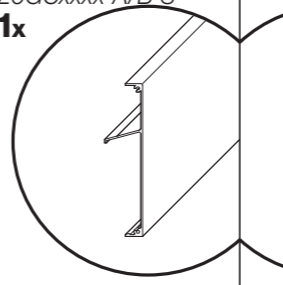


<6.06m = 4
>6.06m = 8

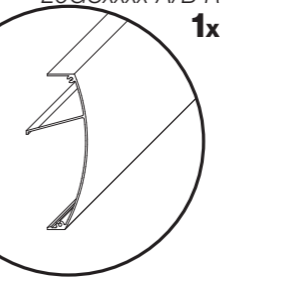
20WT



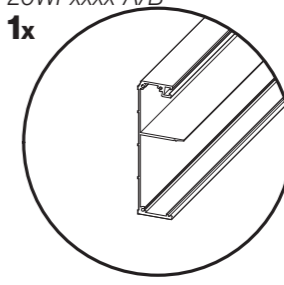
20GCxxxx-A/B-S
1x



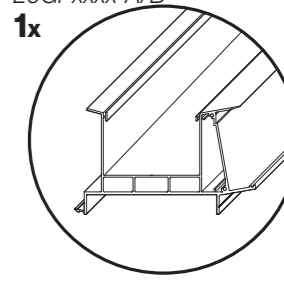
20GCxxxx-A/B-R
1x



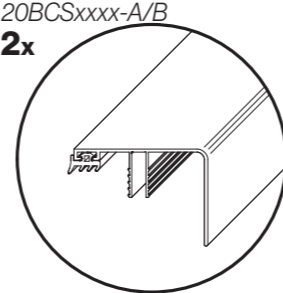
20WPxxxx-A/B
1x



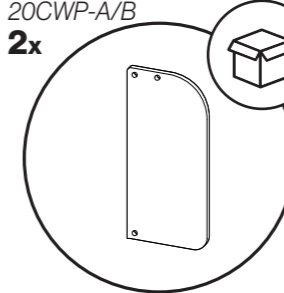
20GPxxxx-A/B
1x



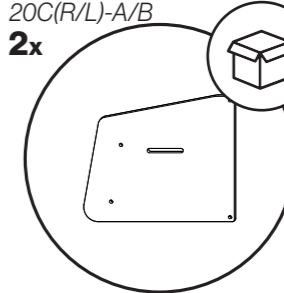
20BCSxxxx-A/B
2x



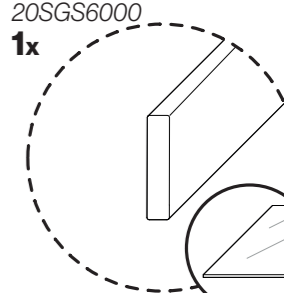
20CWP-A/B
2x



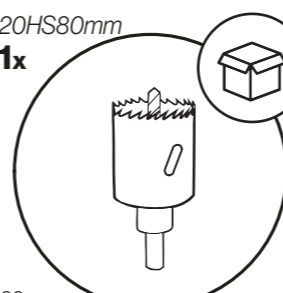
20C(R/L)-A/B
2x



20SGS6000
1x

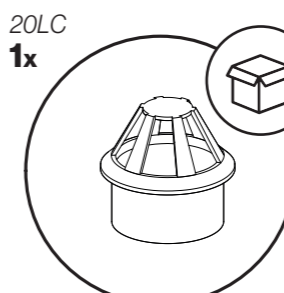


20HS80mm
1x

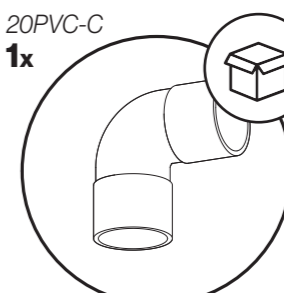


80 mm

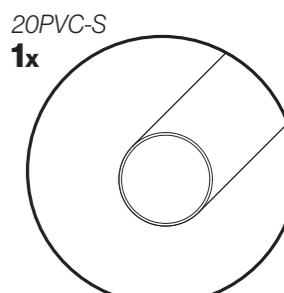
20LC
1x



20PVC-C
1x



20PVC-S
1x



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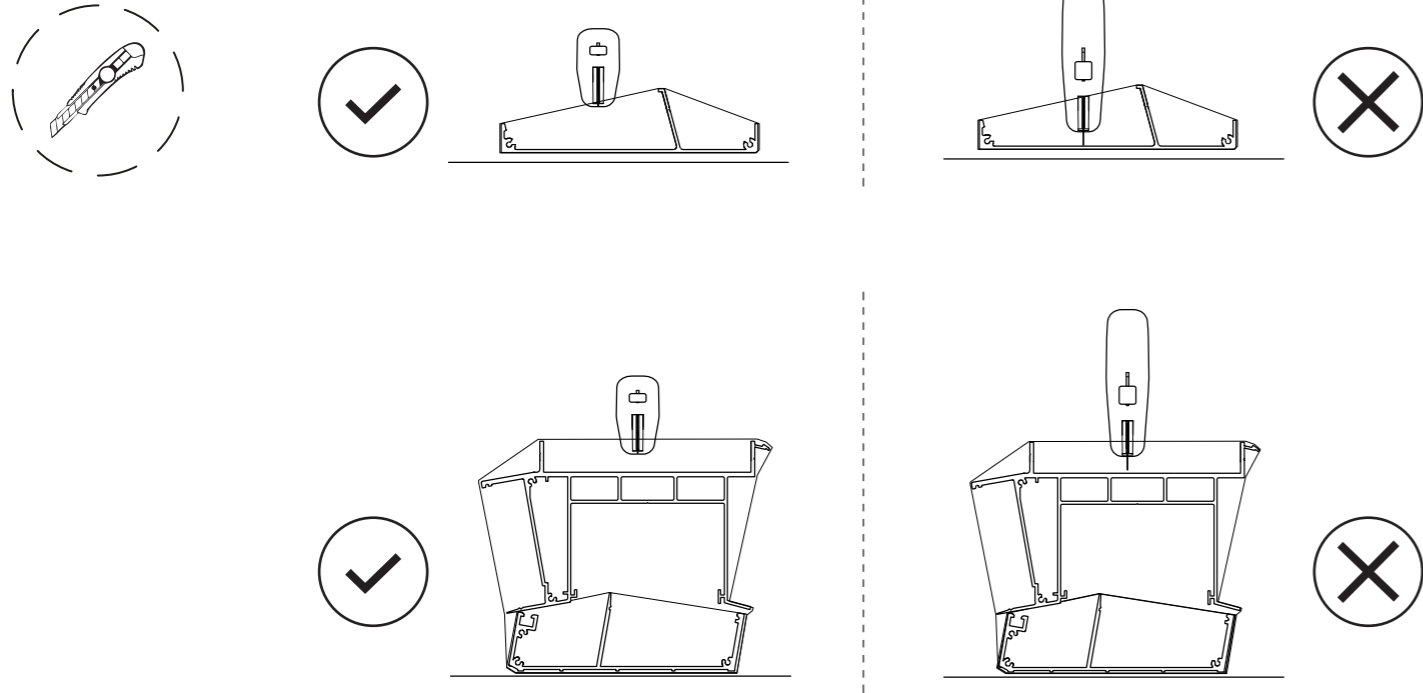
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Montage

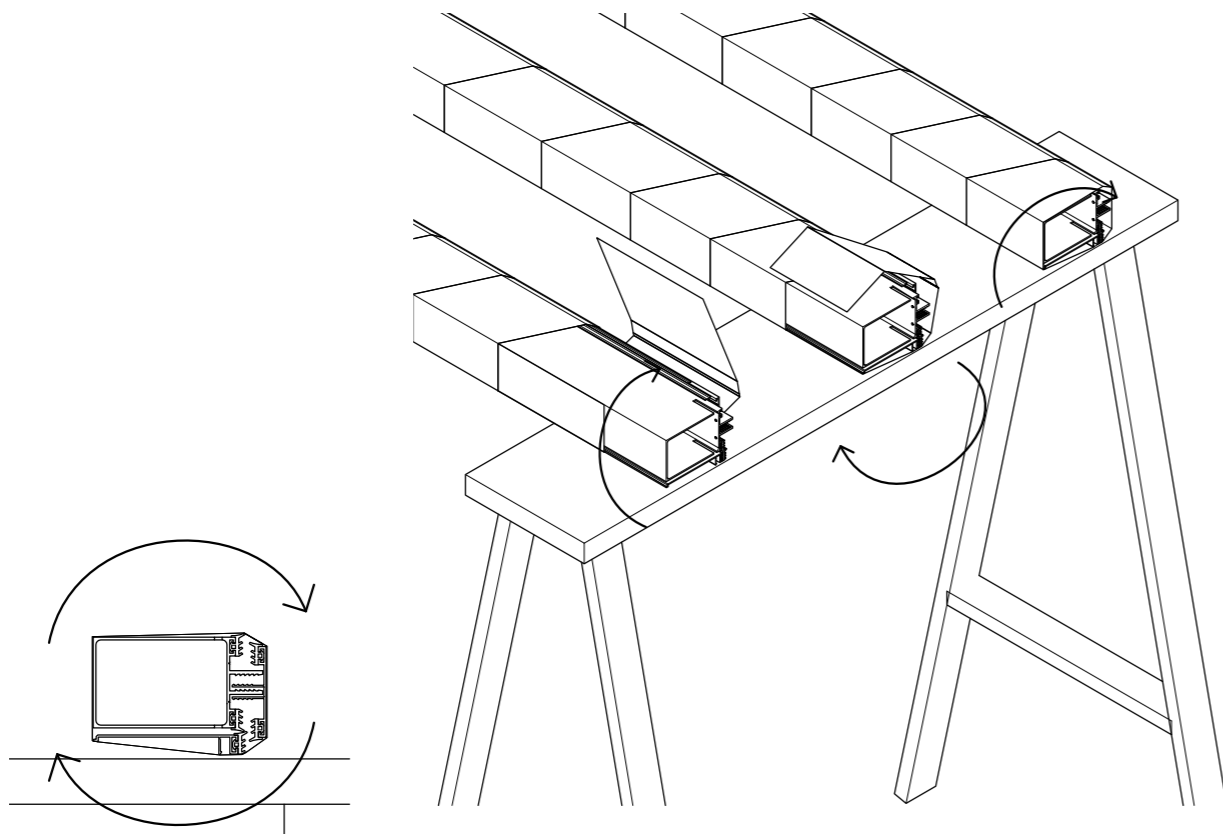
assembly / assemblage / montage

1



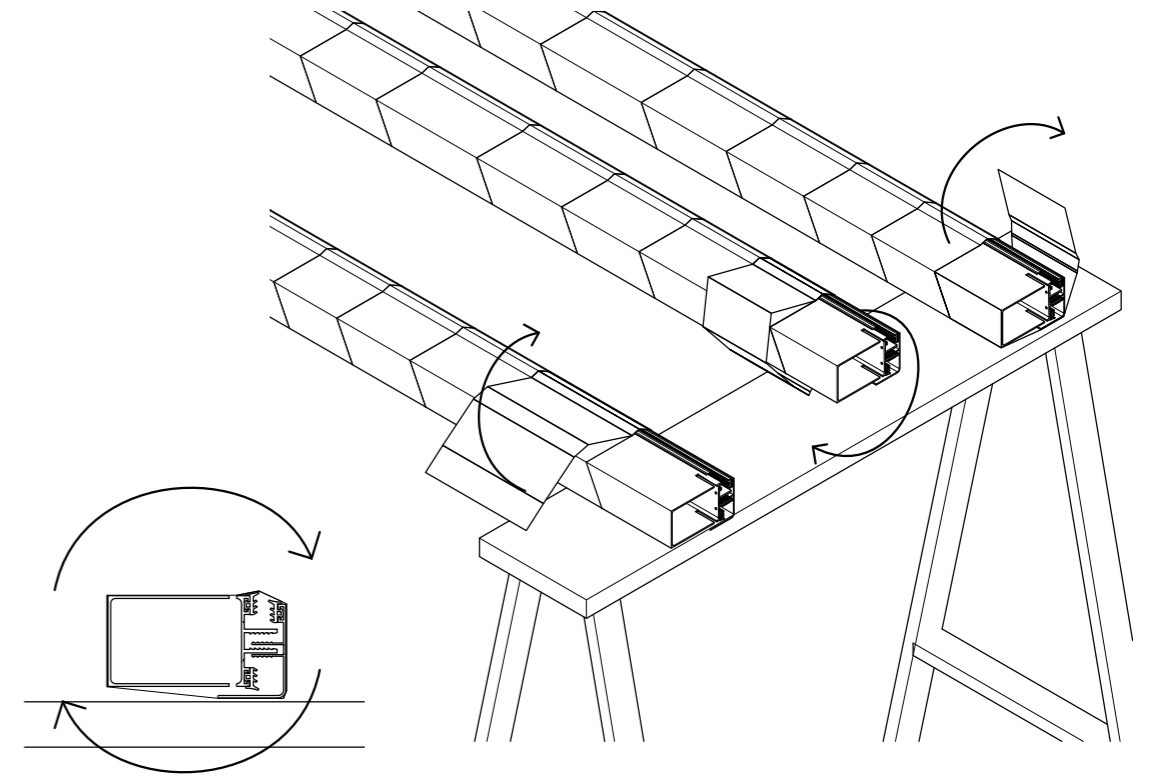
BEGHLER

2



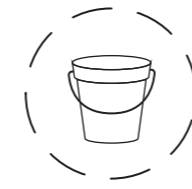
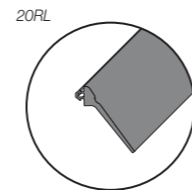
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3

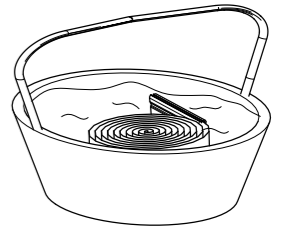
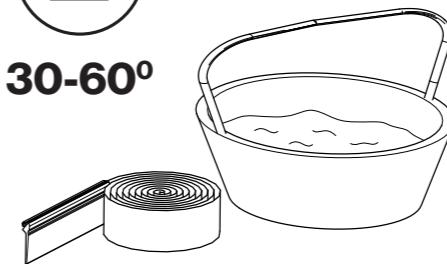


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4



30-60°

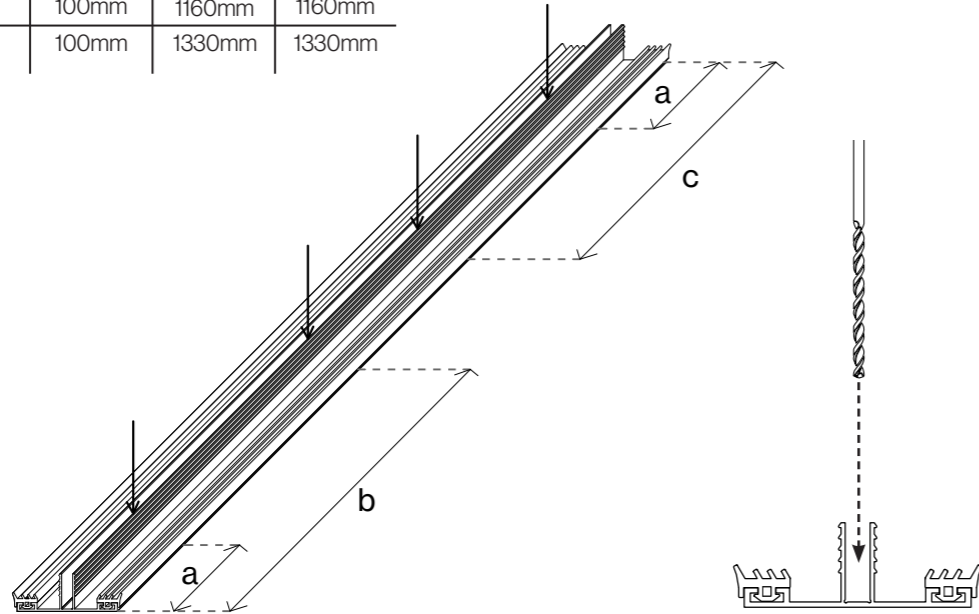
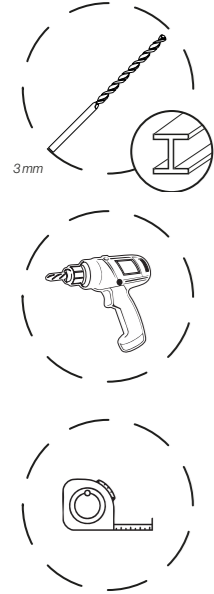


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5

20BMCxxx-A/B

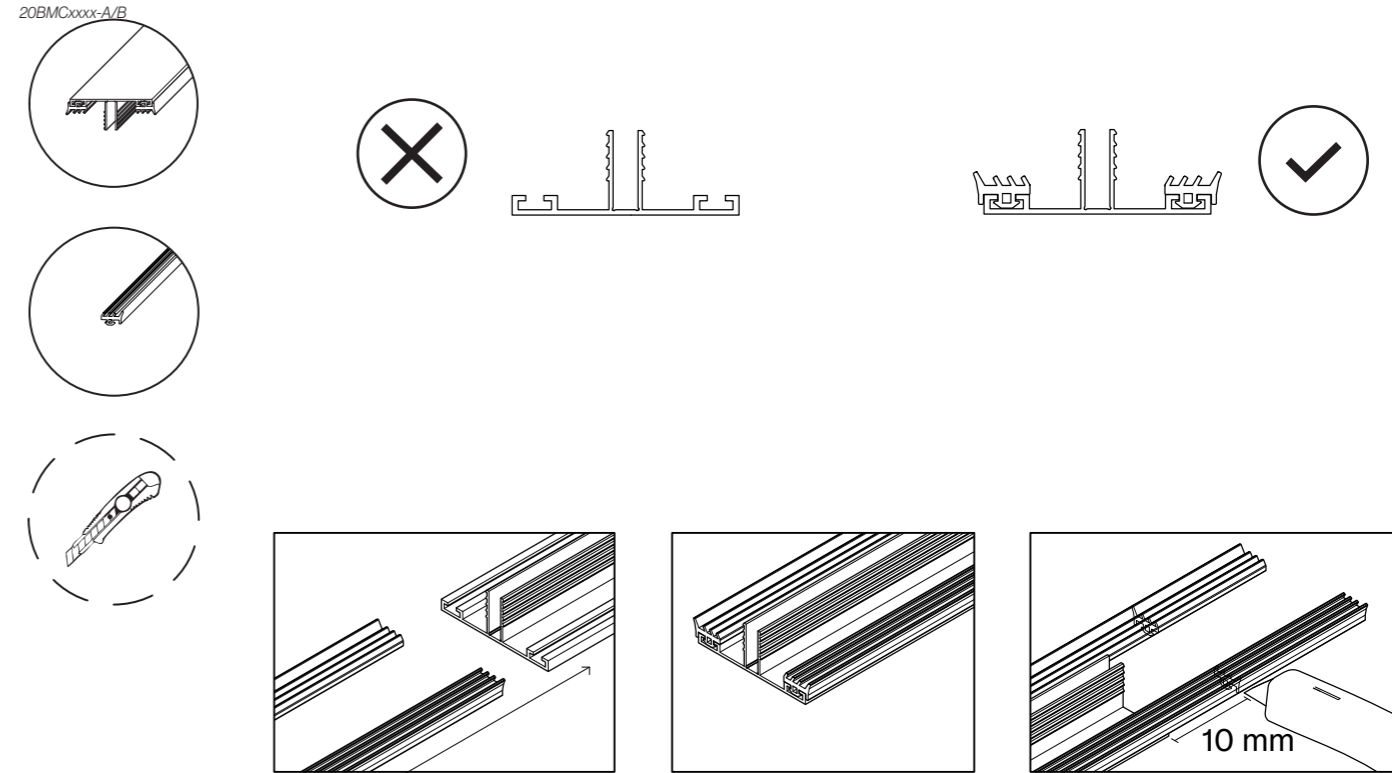
L	a	b	c
2.5 m	100mm	1250mm	x
3.0 m	100mm	1500mm	x
3.5 m	100mm	1160mm	1160mm
4.0 m	100mm	1330mm	1330mm



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7

20BMCxxx-A/B

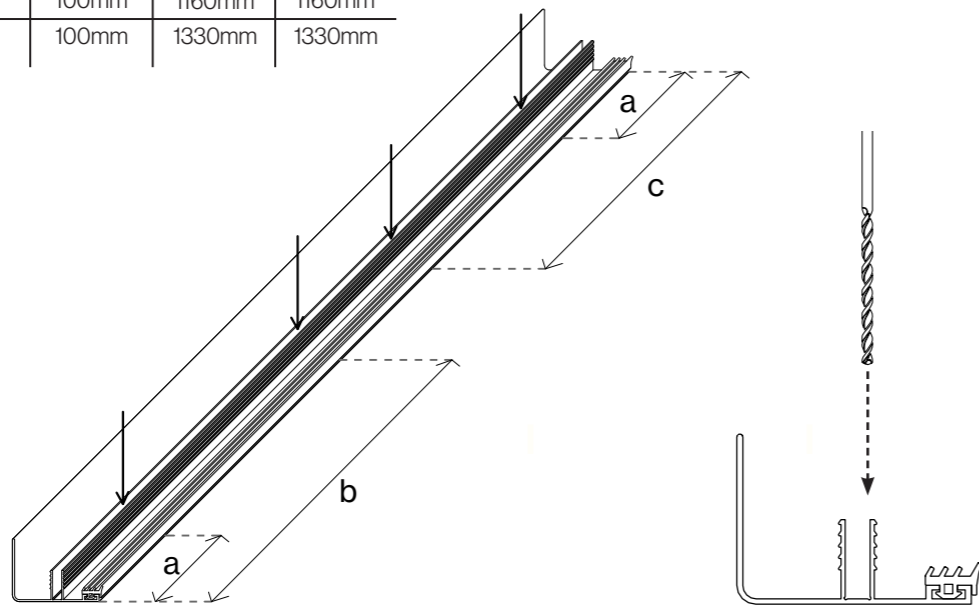
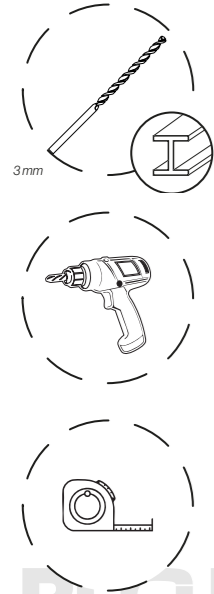


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6

20BCSxxx-A/B

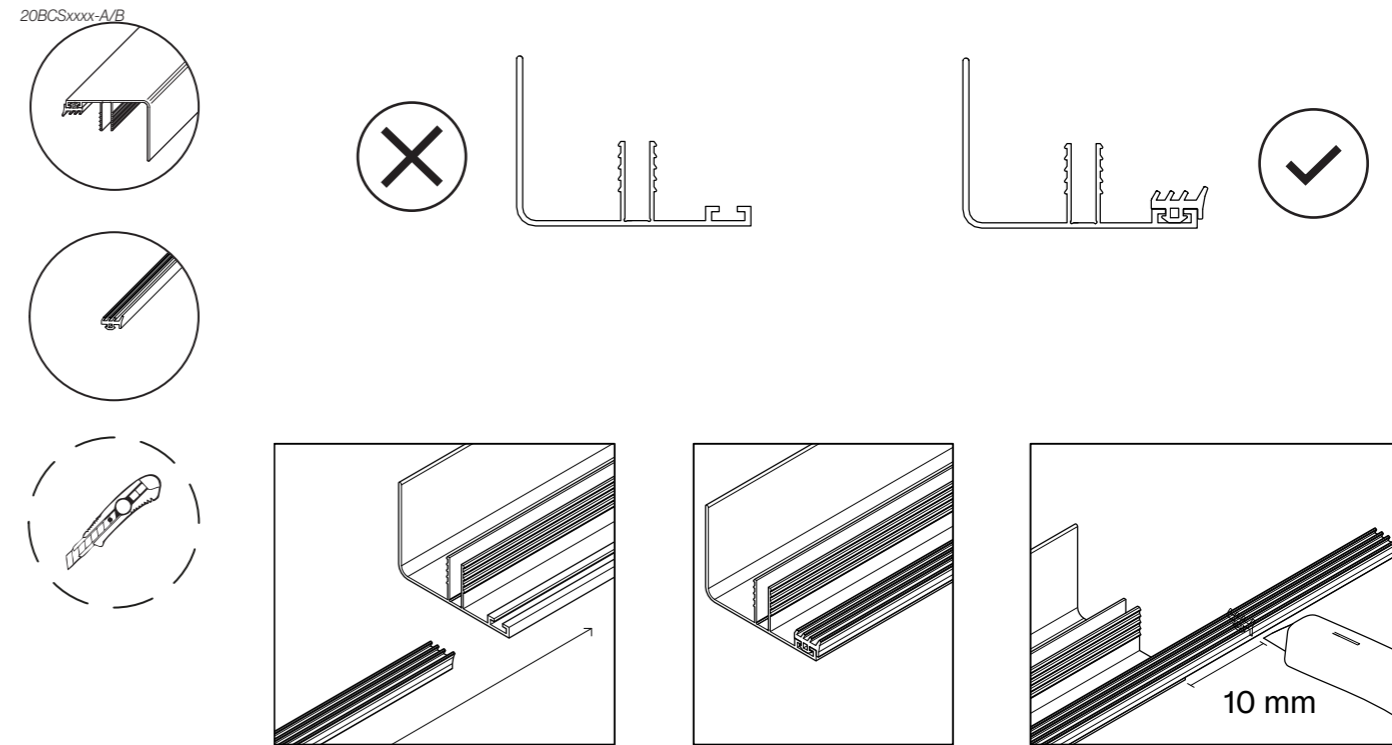
L	a	b	c
2.5 m	100mm	1250mm	x
3.0 m	100mm	1500mm	x
3.5 m	100mm	1160mm	1160mm
4.0 m	100mm	1330mm	1330mm



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8

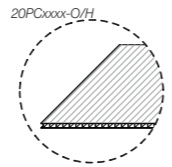
20BCSxxx-A/B



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Glass
> Schritt 9



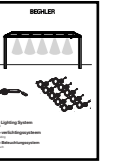
Polycarbonat
> Schritt 10



LED



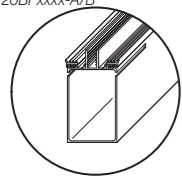
siehe LED - Anleitung



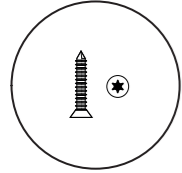
9



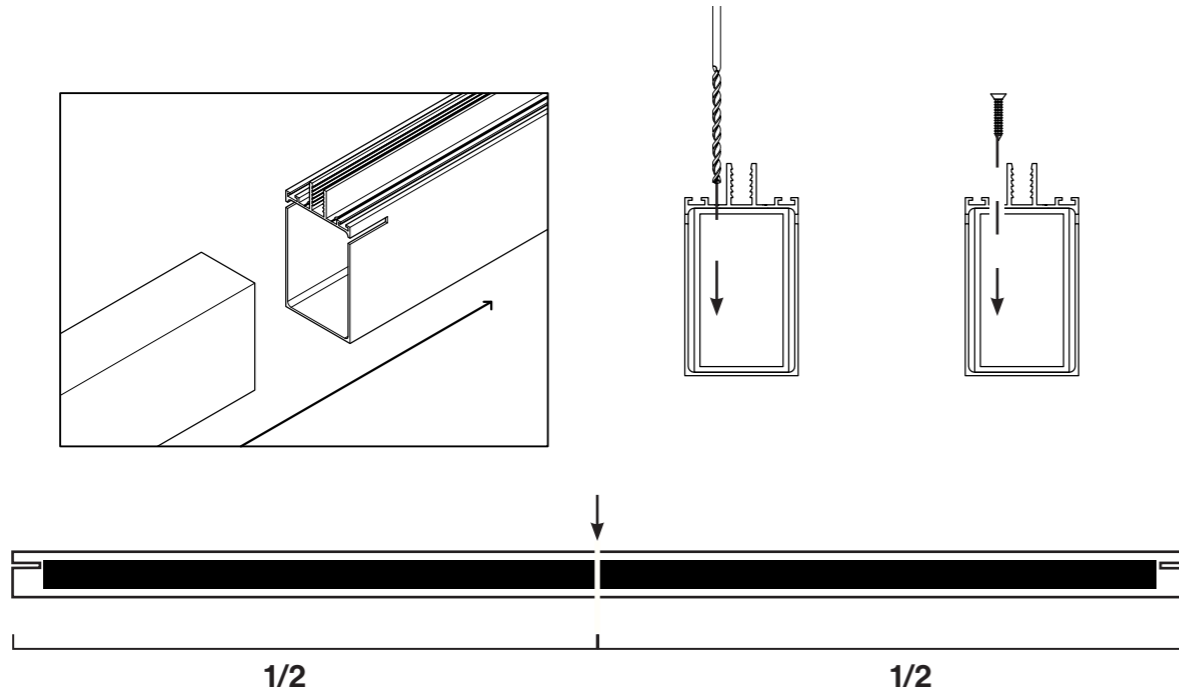
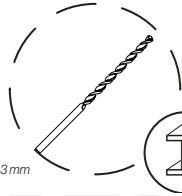
20BPxxxx-A/B



99TF3922

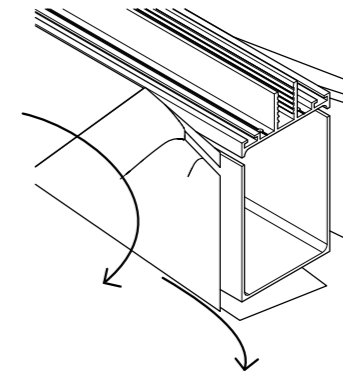


3mm



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11

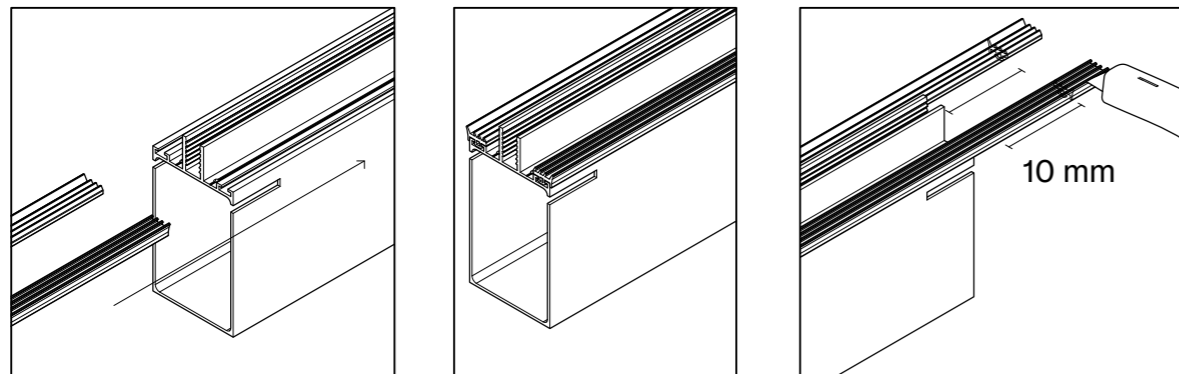
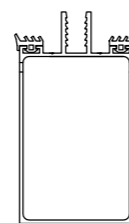
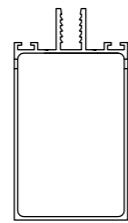
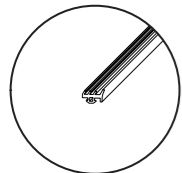
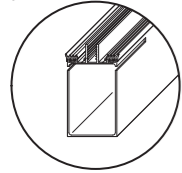


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10

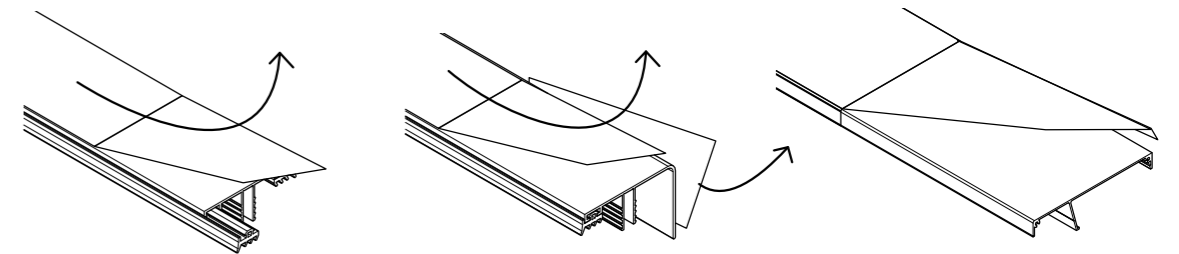


20BPxxxx-A/B



BEGHLER

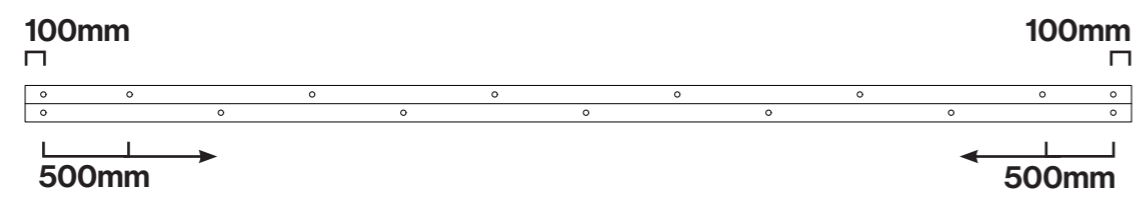
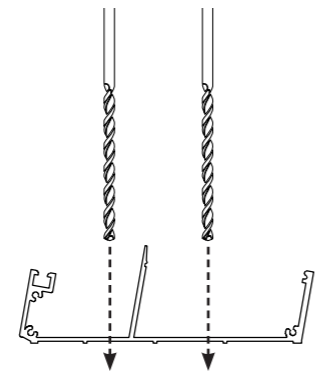
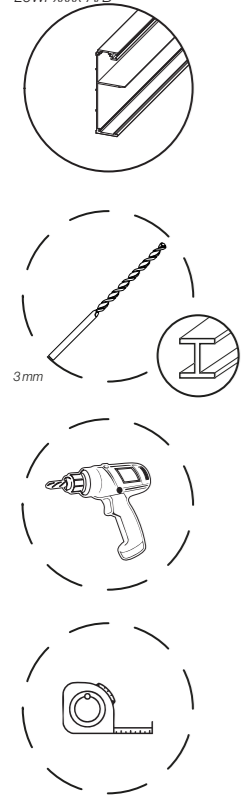
12



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13

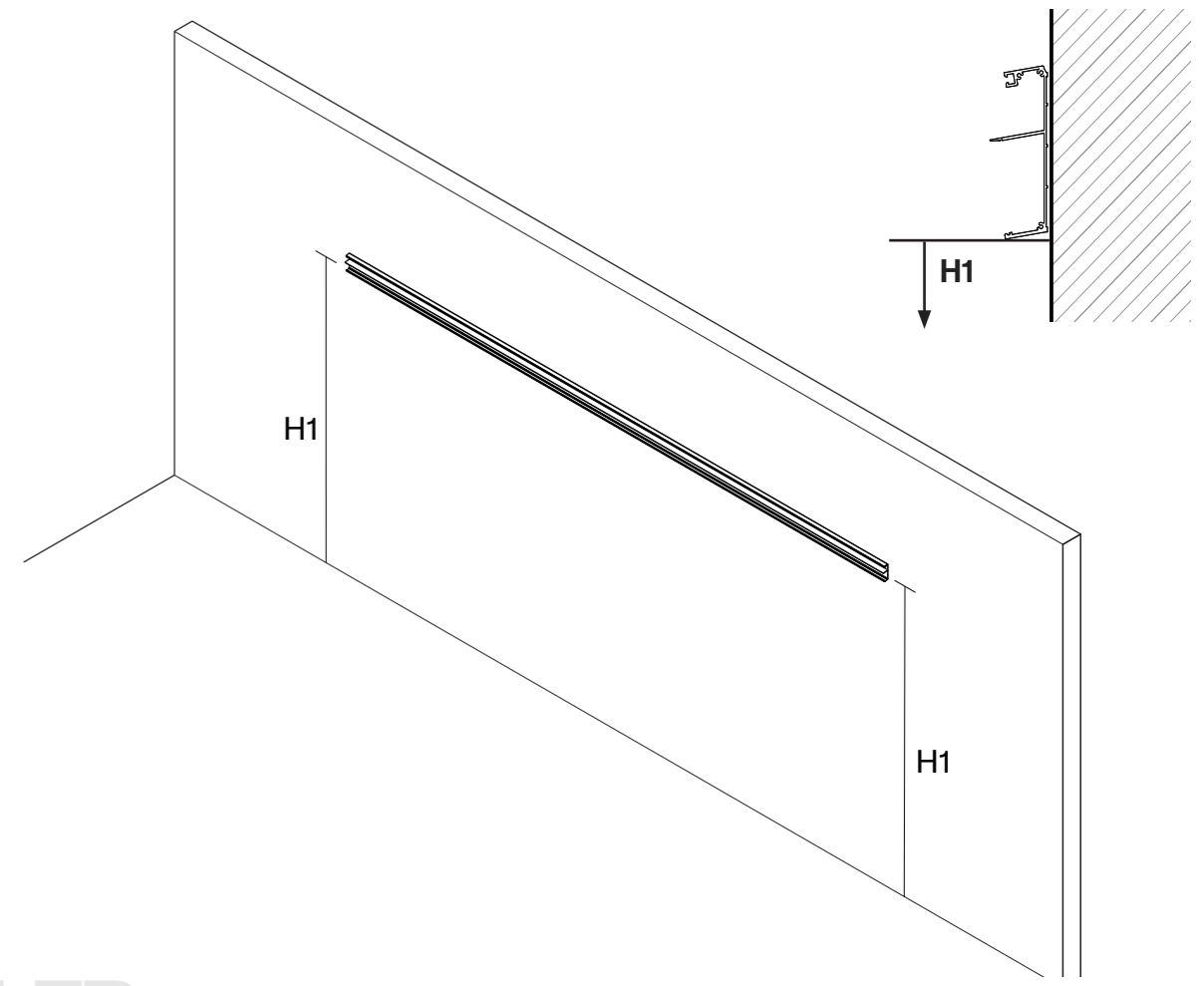
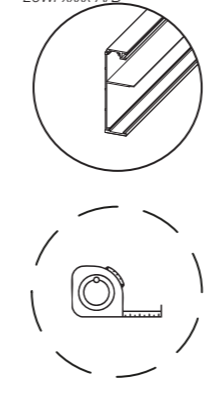
20WPxxxx-A/B



BEGHLER

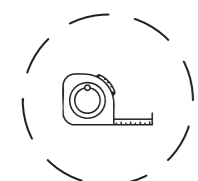
15

20WPxxxx-A/B



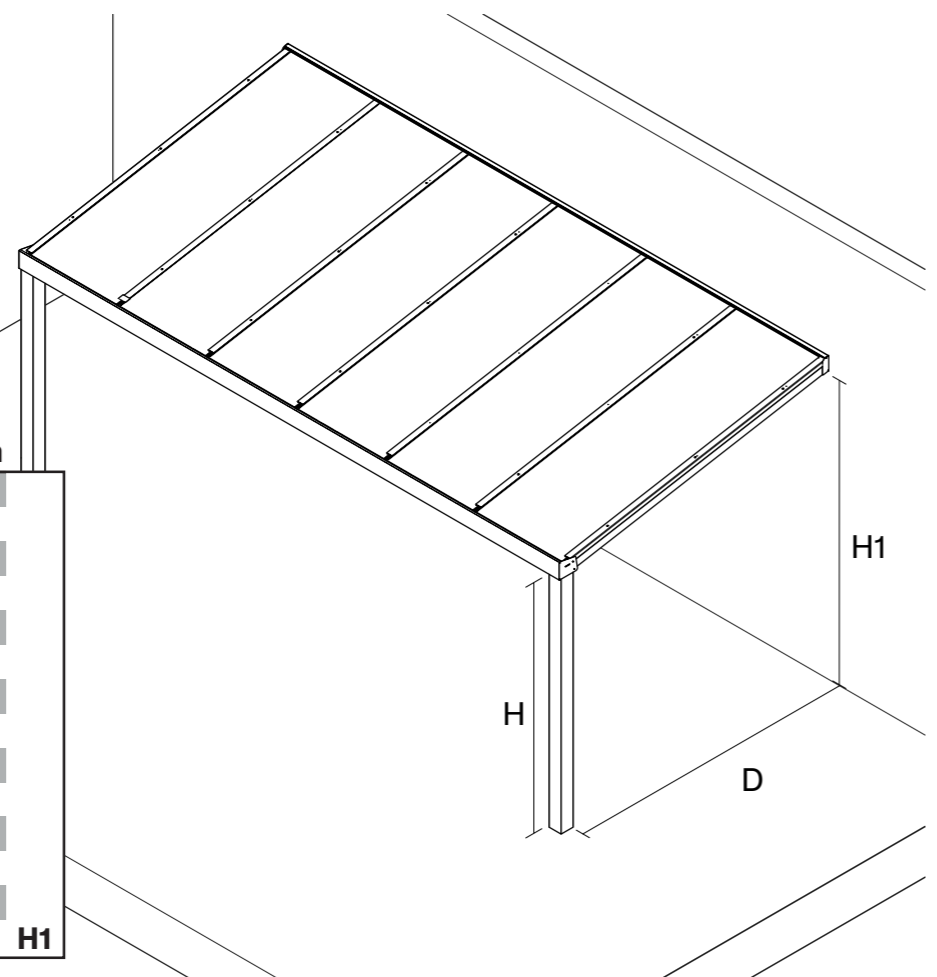
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14



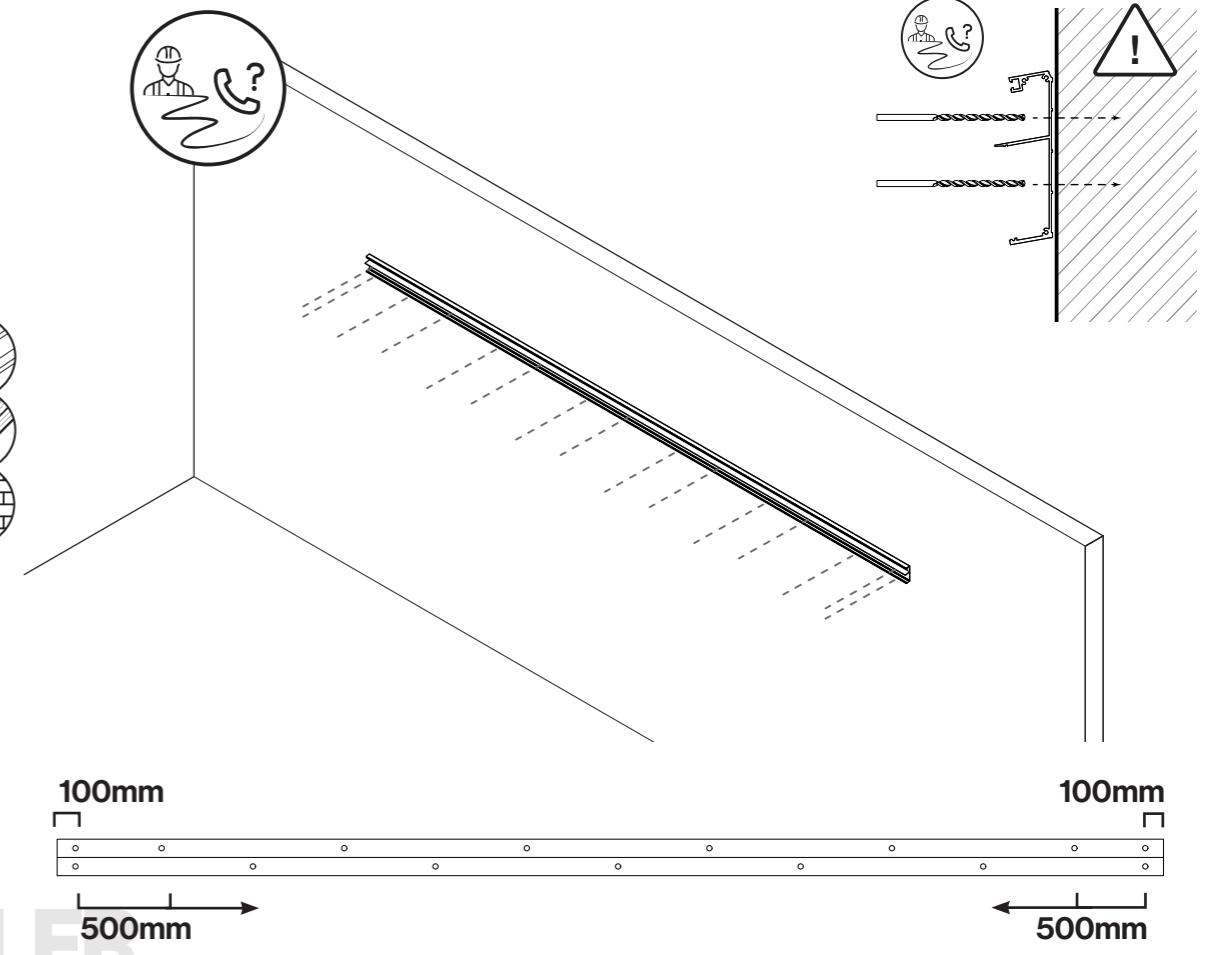
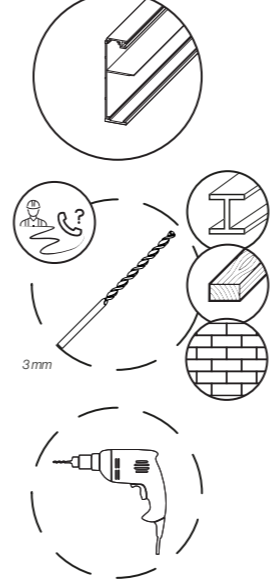
$H1 = H + D \times \tan(8)$

	D	2.5 m	3.0 m	3.5 m	4.0 m	
H	(m)	2.00	2.35	2.42	2.49	2.56
	2.05	2.40	2.47	2.54	2.61	
	2.10	2.45	2.52	2.59	2.66	
	2.15	2.50	2.57	2.64	2.71	
	2.20	2.55	2.62	2.69	2.76	
	2.25	2.60	2.67	2.74	2.81	
	2.30	2.65	2.72	2.79	2.86	
	2.35	2.70	2.77	2.84	2.91	
	2.40	2.75	2.82	2.89	2.96	
	2.45	2.80	2.87	2.94	3.01	
	2.50	2.85	2.92	2.99	3.06	
	2.55	2.90	2.97	3.04	3.11	
	2.60	2.95	3.02	3.09	3.16	

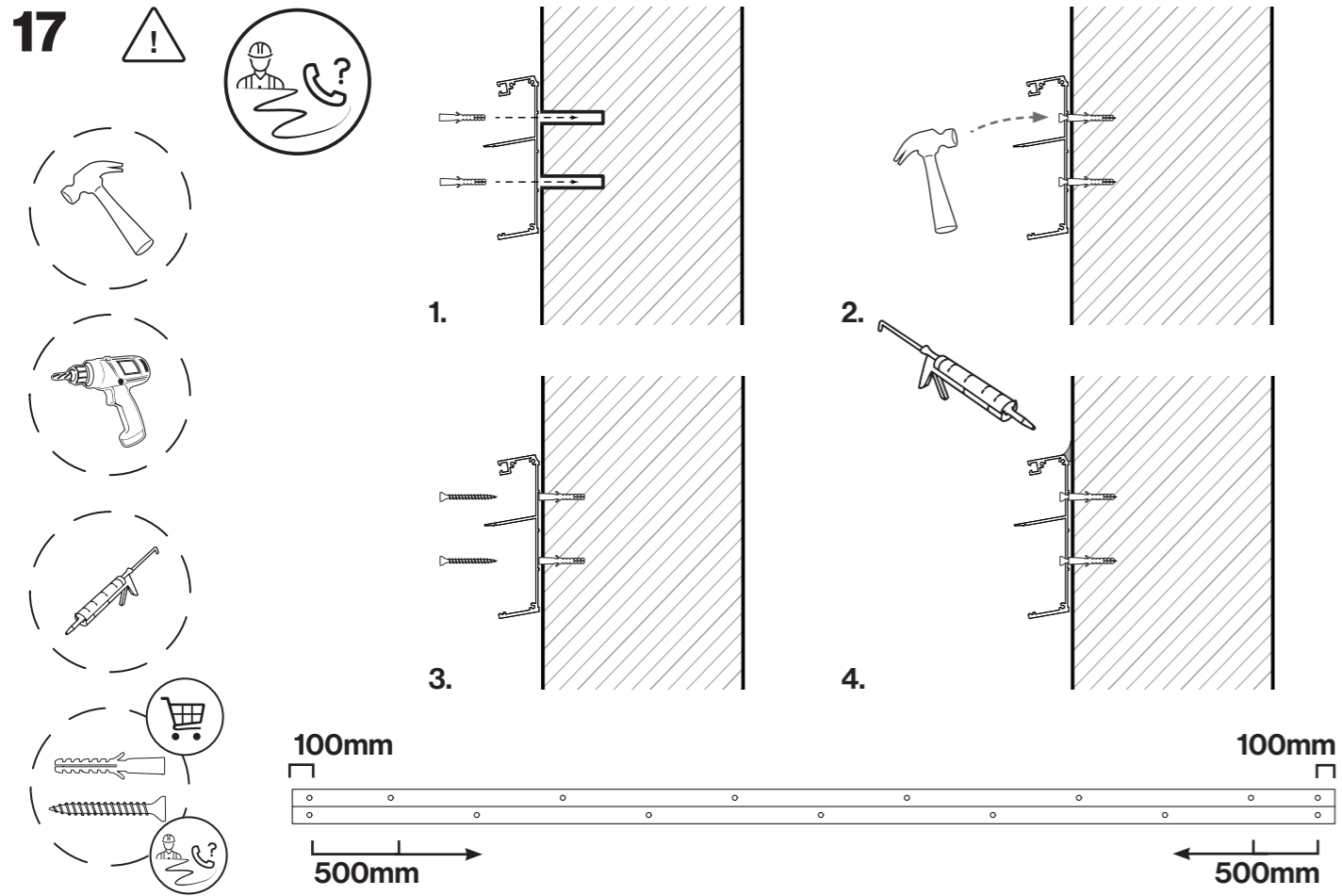


16

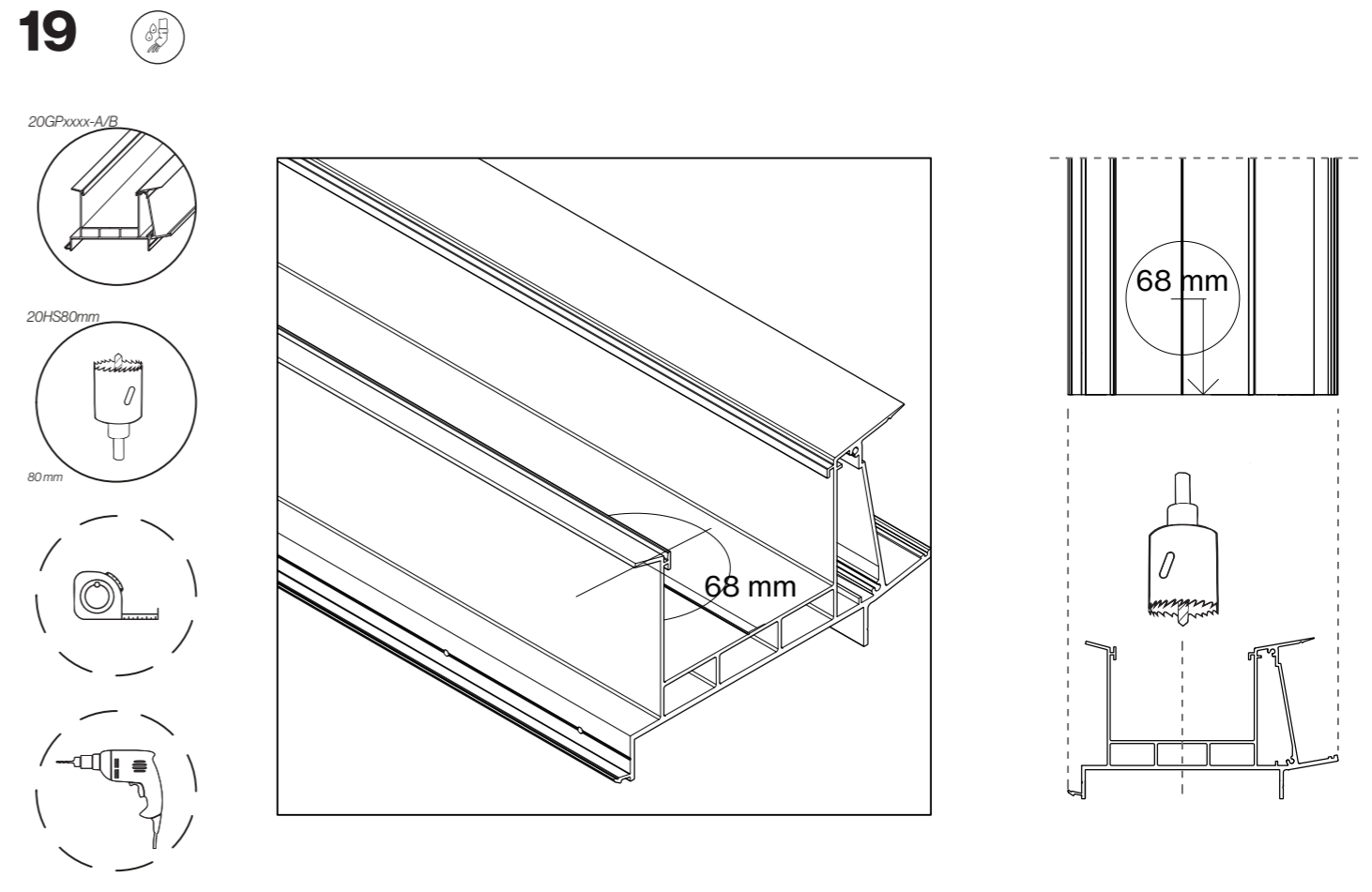
20WPxxxx-A/B



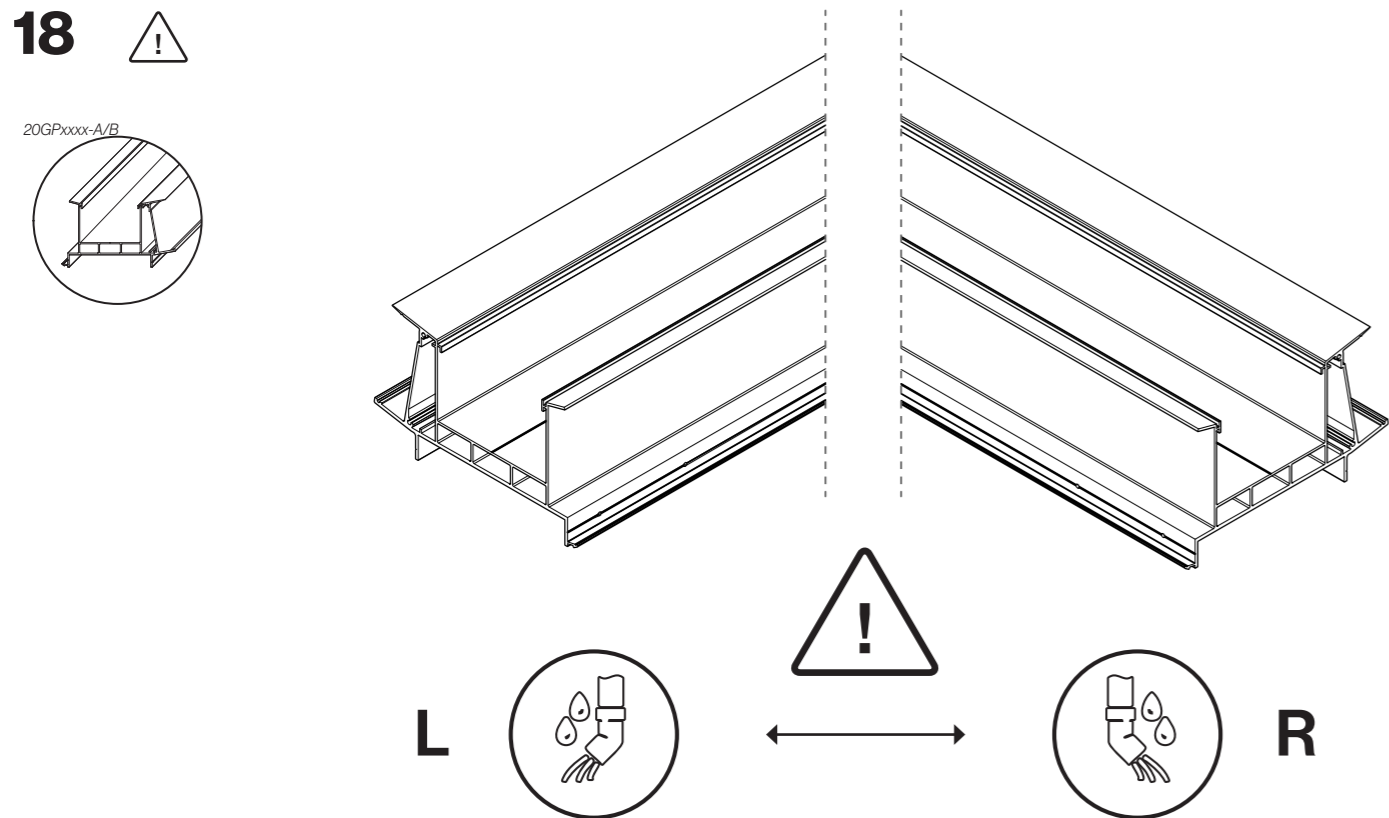
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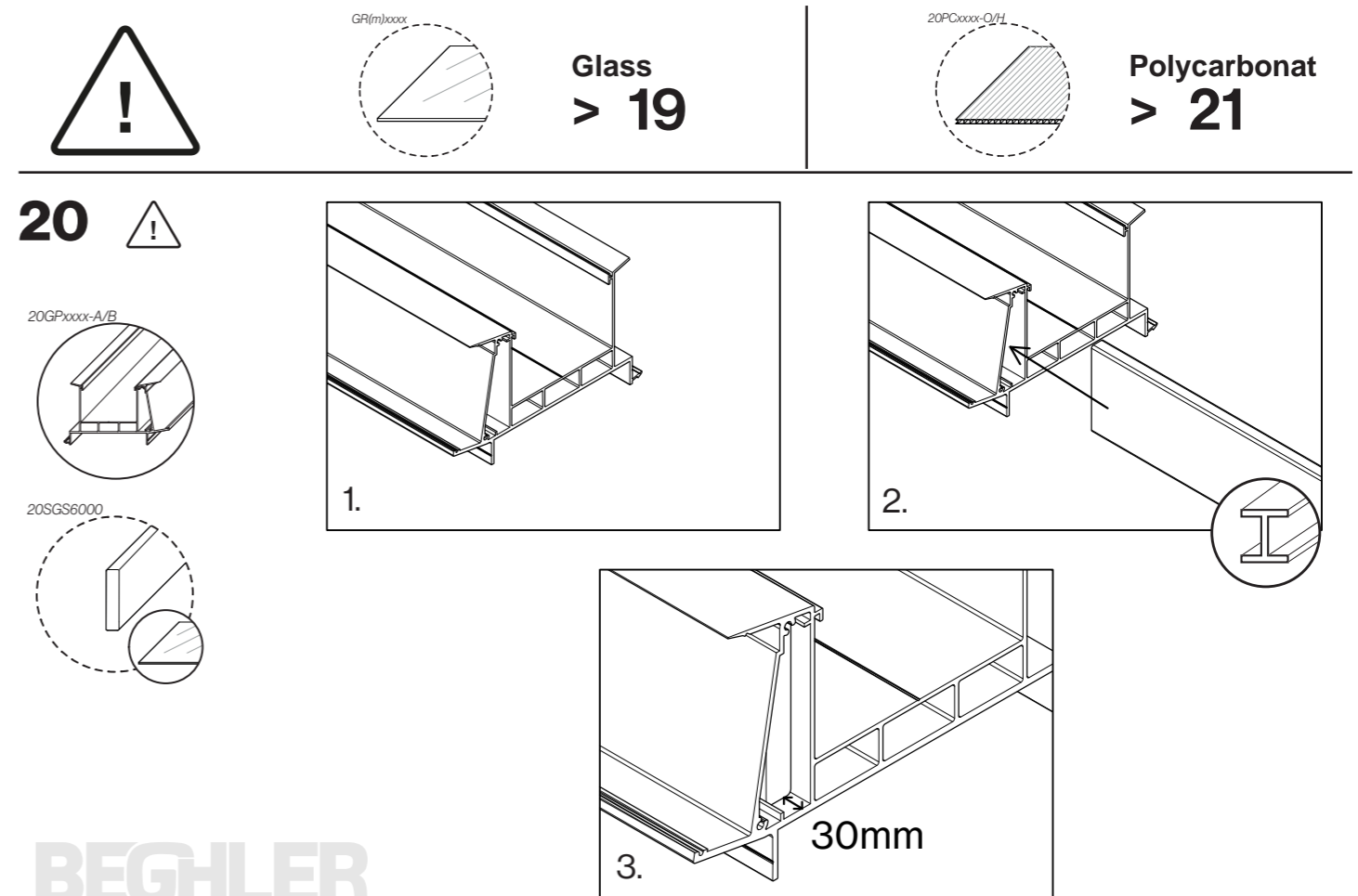
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BEGHLER

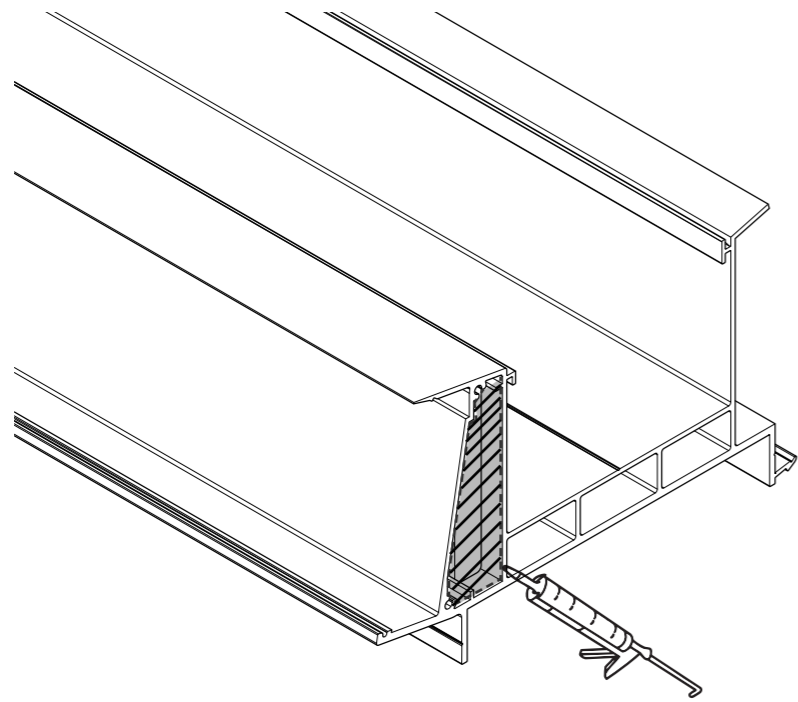


BEGHLER



BEGHLER

21

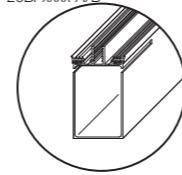


L+R

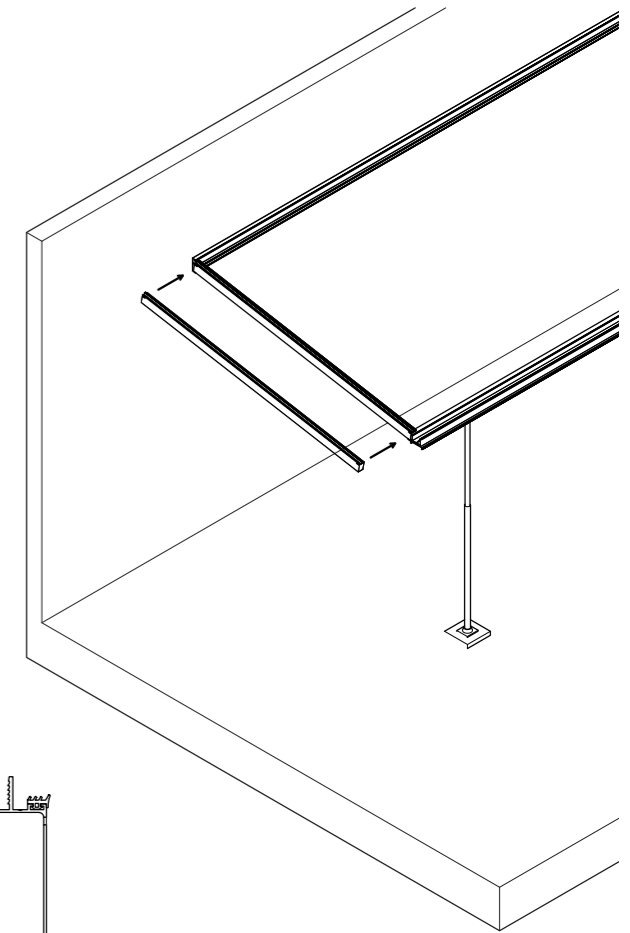
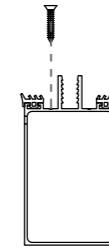
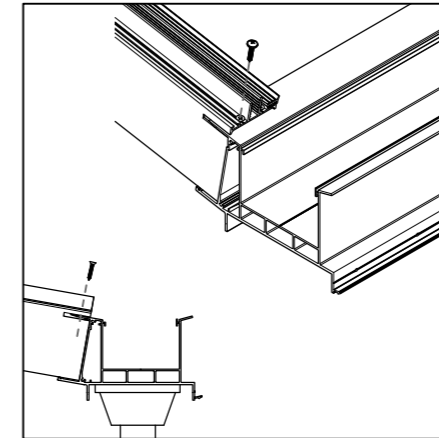
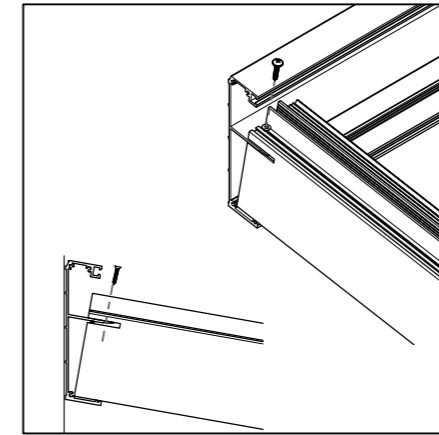
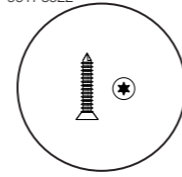
BEGHLER

23

20BPxxx-A/B



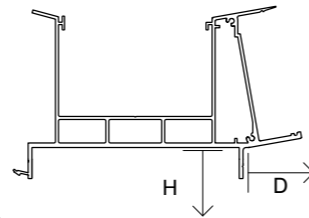
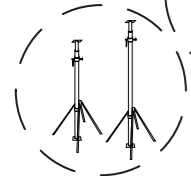
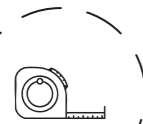
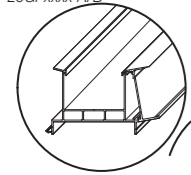
99TF3922



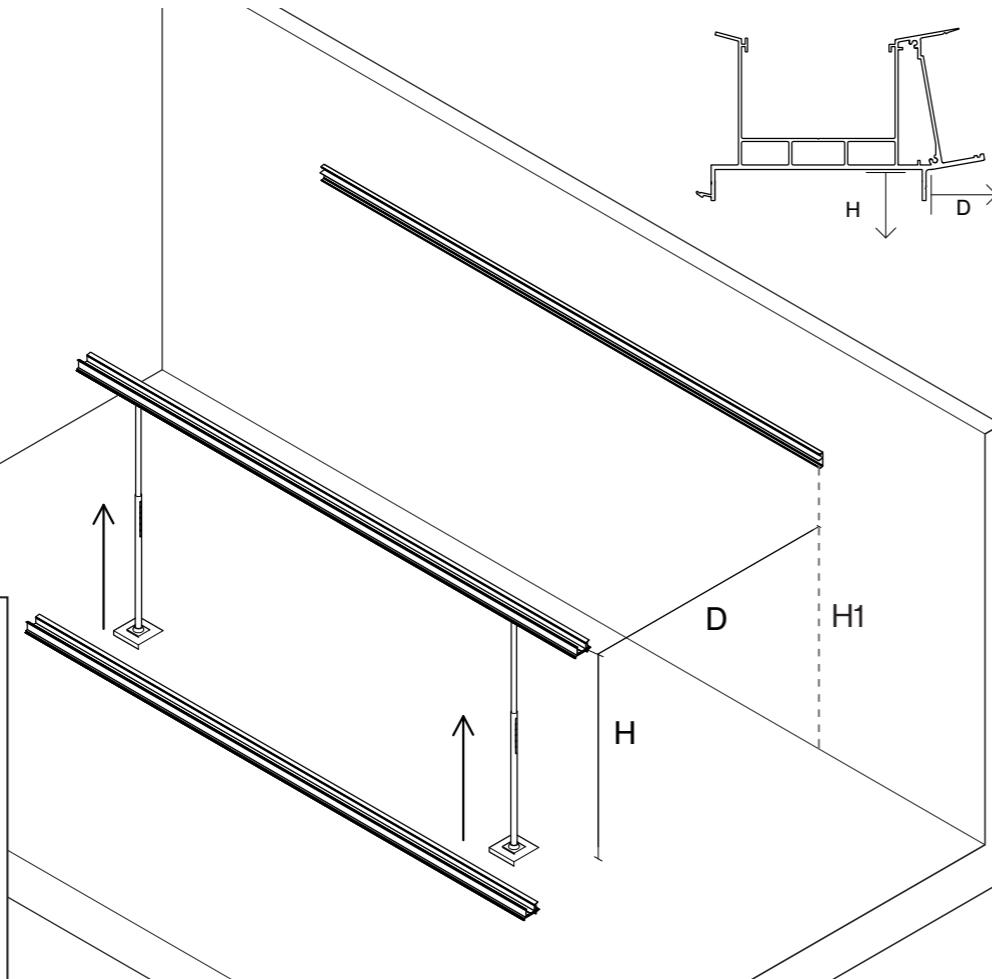
BEGHLER

22

20GPxxx-A/B



	D			
(m)	2.5 m	3.0 m	3.5 m	4.0 m
H 2.00	2.35	2.42	2.49	2.56
2.05	2.40	2.47	2.54	2.61
2.10	2.45	2.52	2.59	2.66
2.15	2.50	2.57	2.64	2.71
2.20	2.55	2.62	2.69	2.76
2.25	2.60	2.67	2.74	2.81
2.30	2.65	2.72	2.79	2.86
2.35	2.70	2.77	2.84	2.91
2.40	2.75	2.82	2.89	2.96
2.45	2.80	2.87	2.94	3.01
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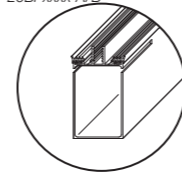


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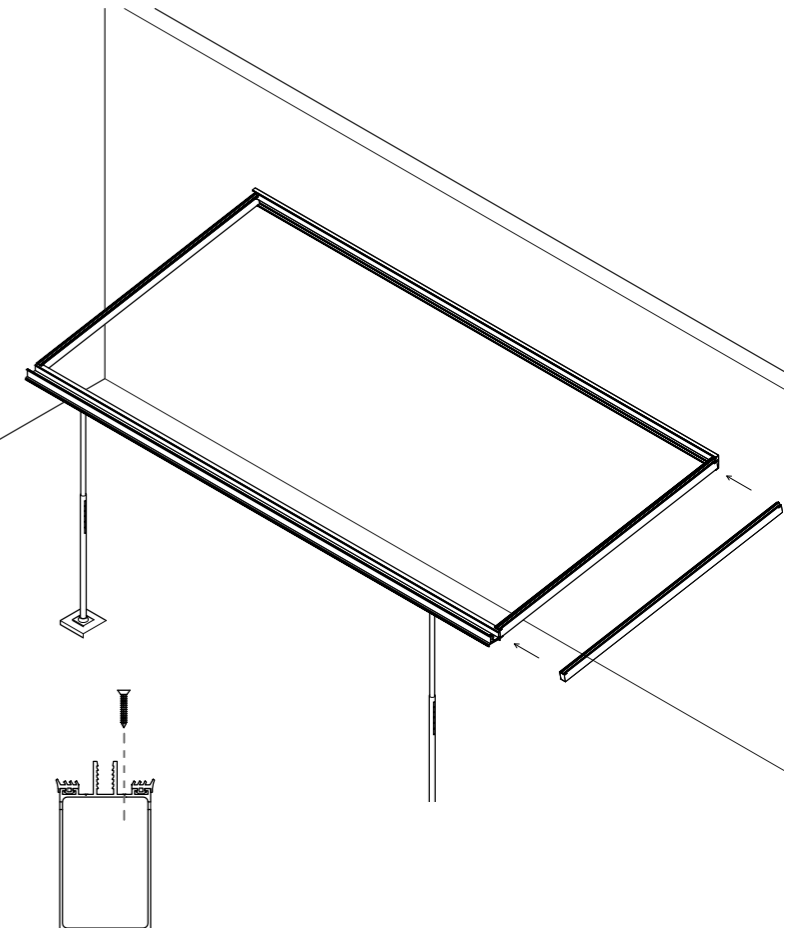
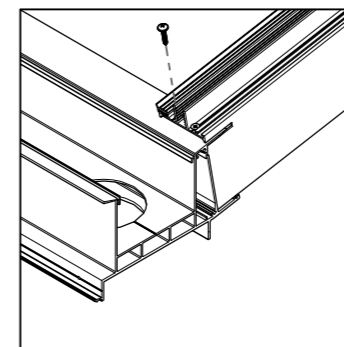
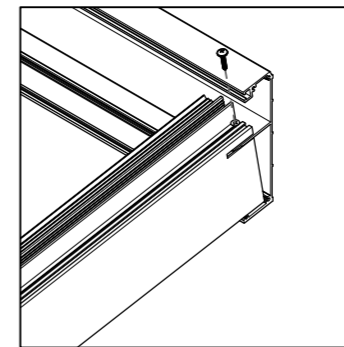
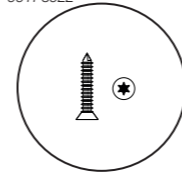
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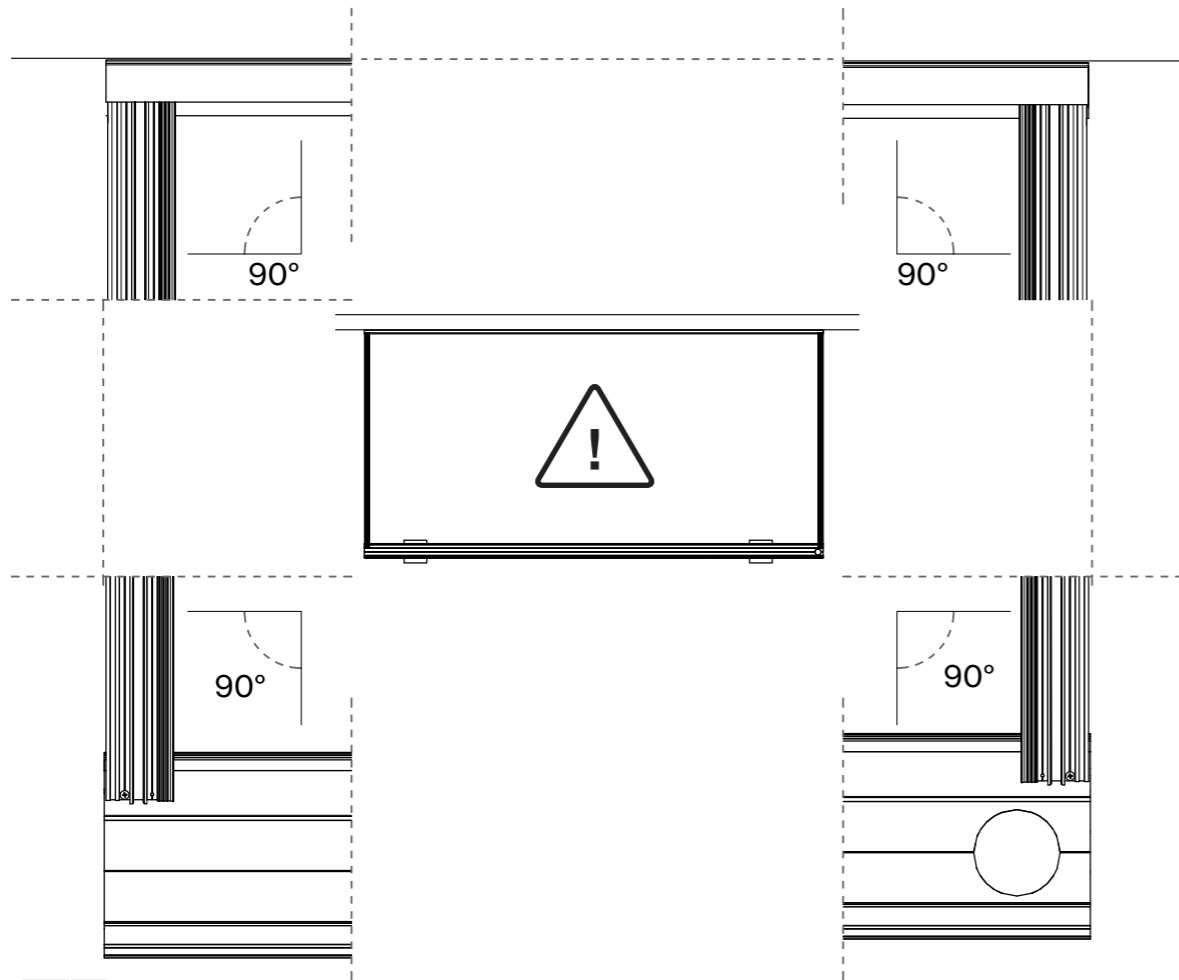
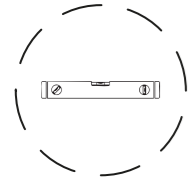
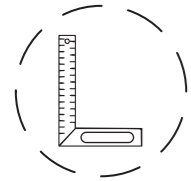
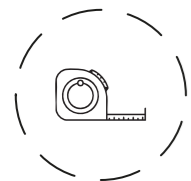


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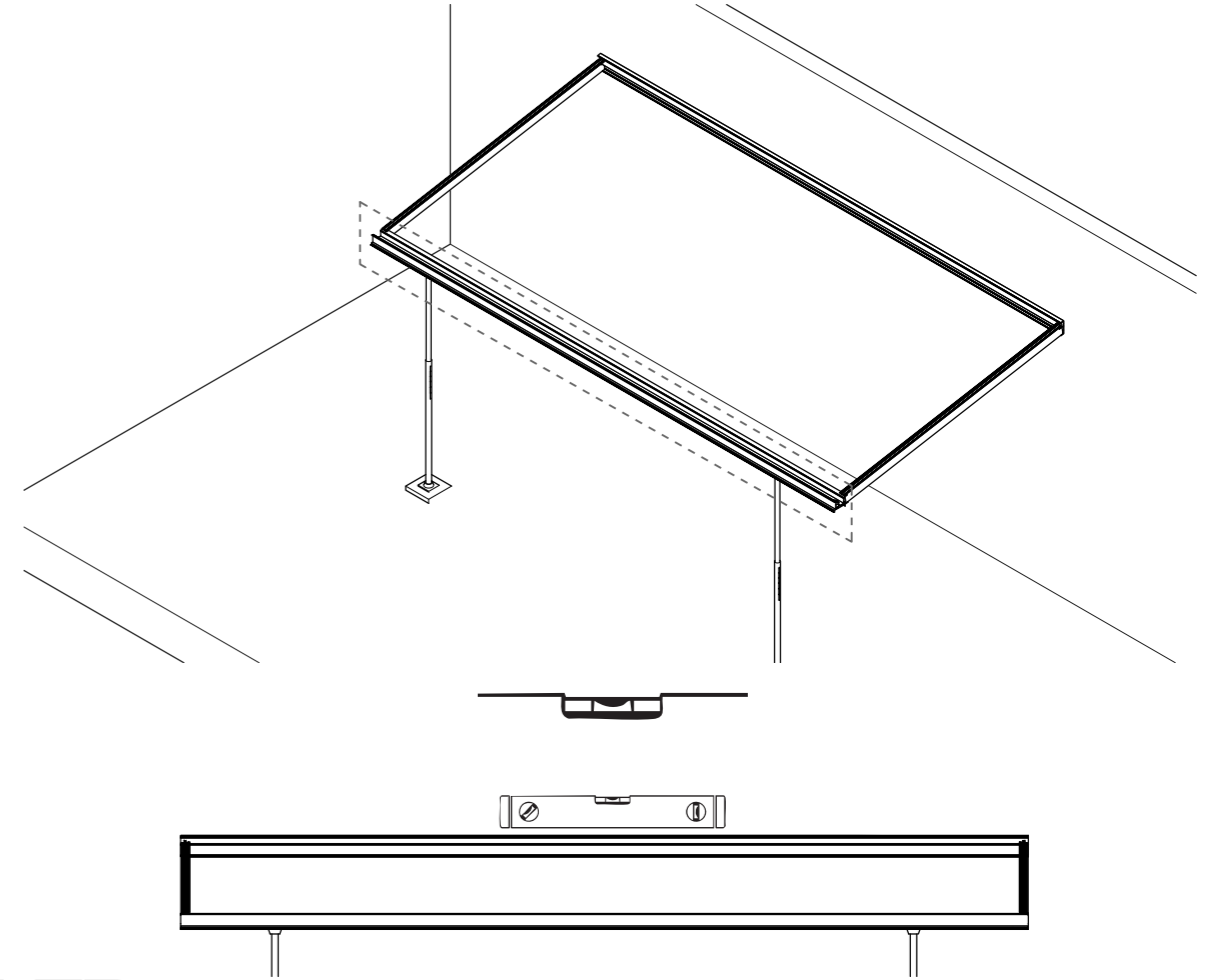
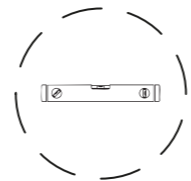
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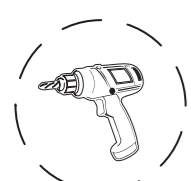
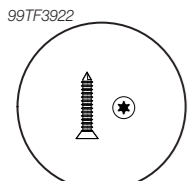
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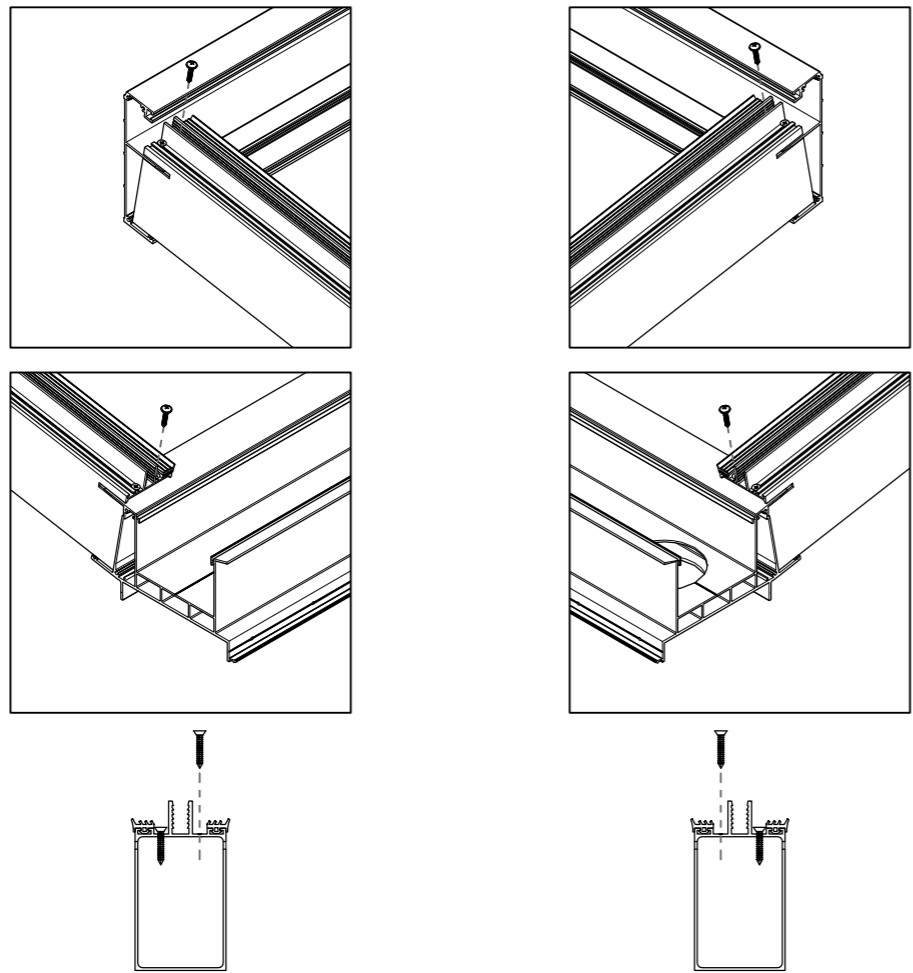


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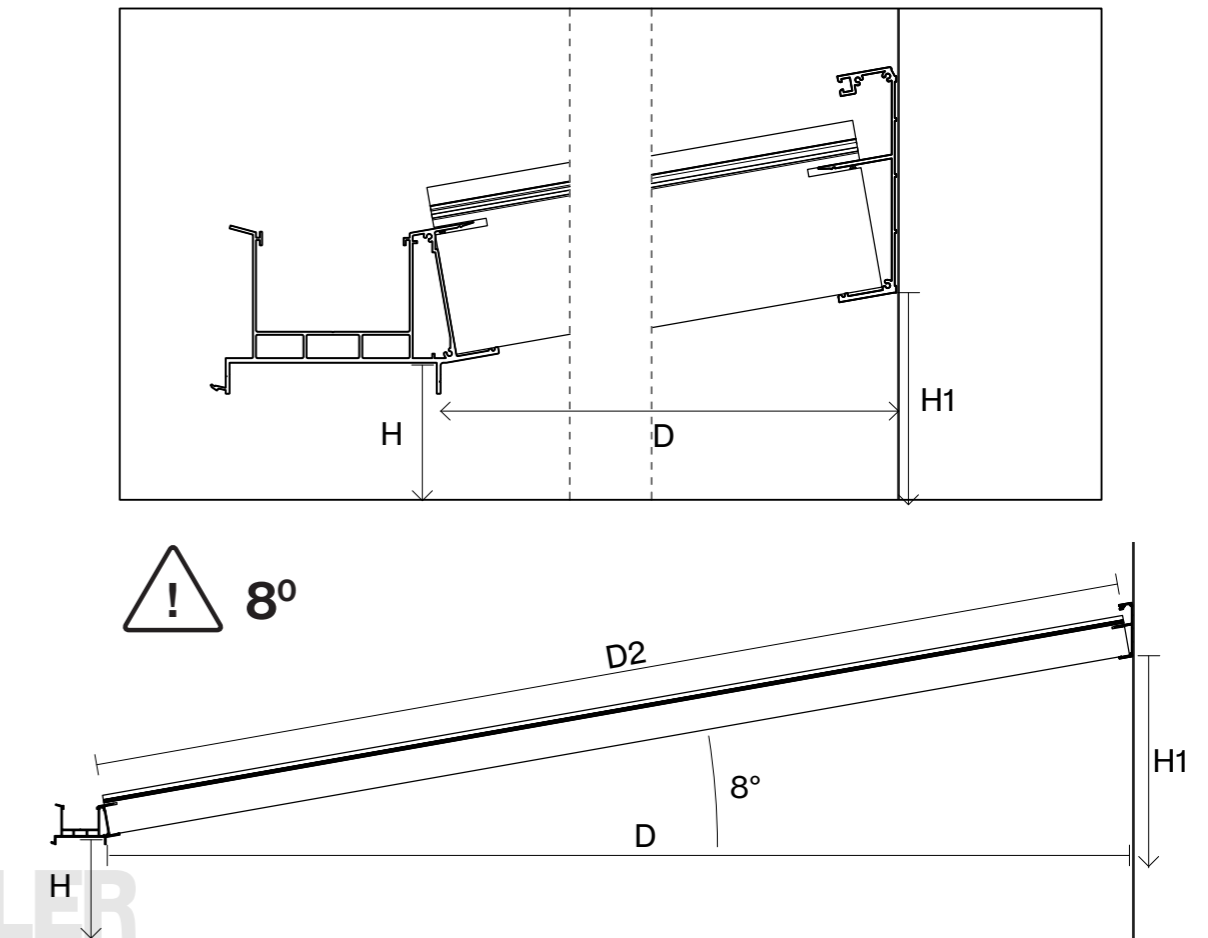
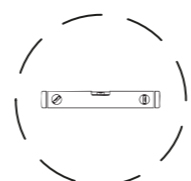
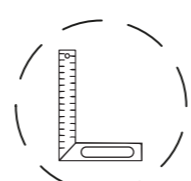
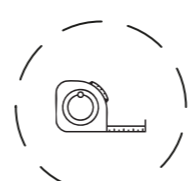


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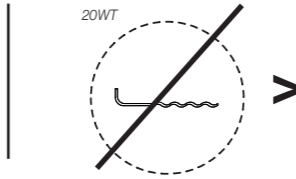
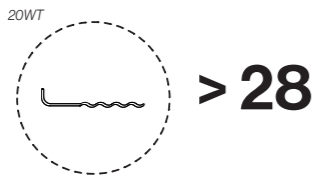


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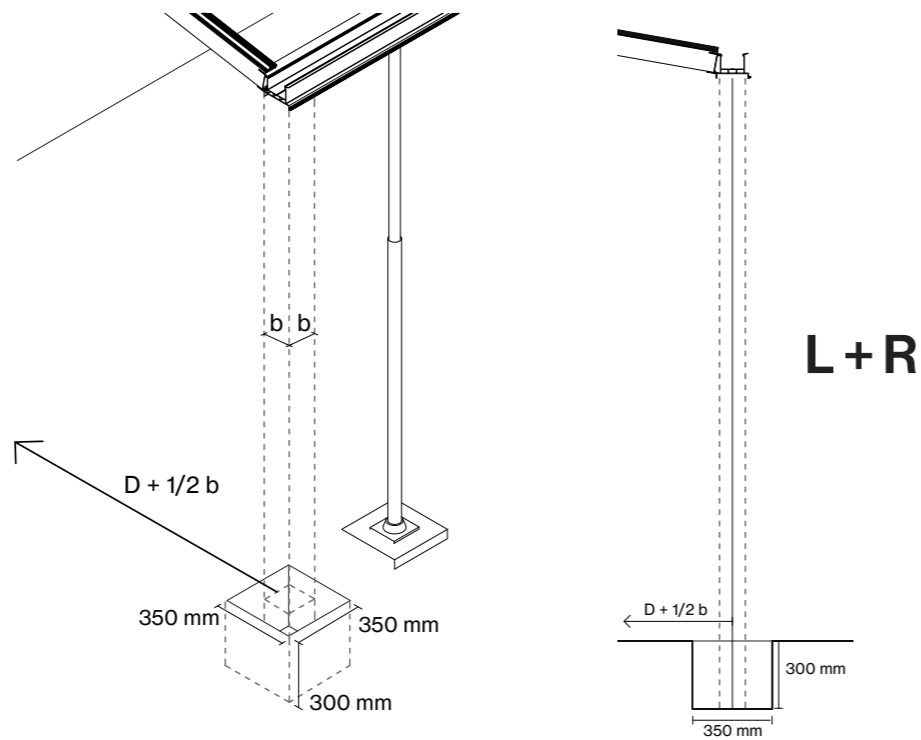
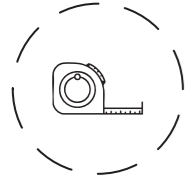
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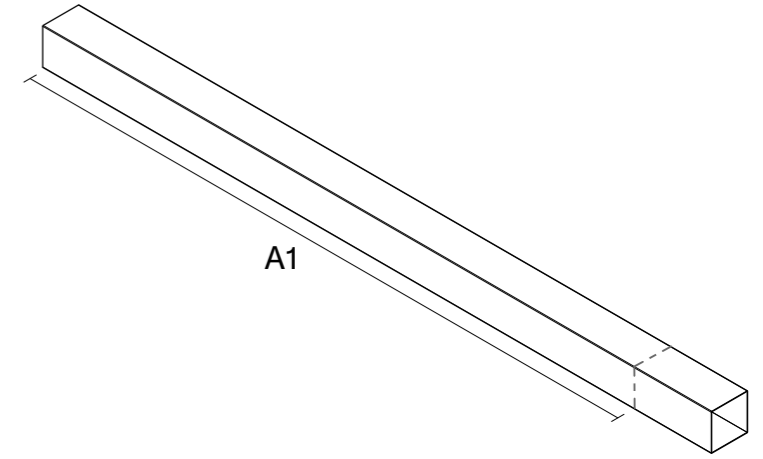
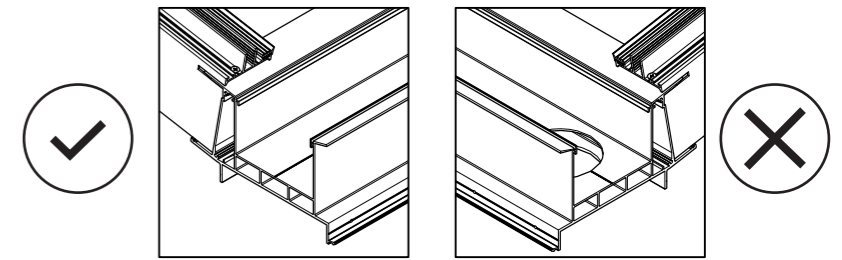
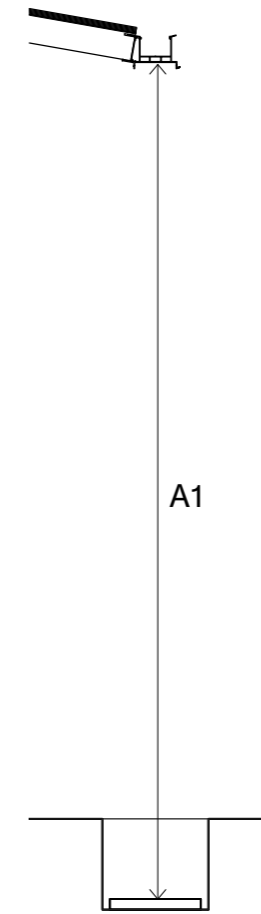
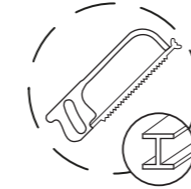
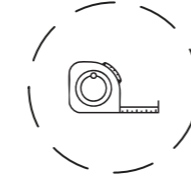
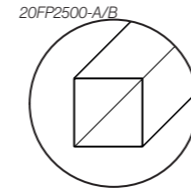


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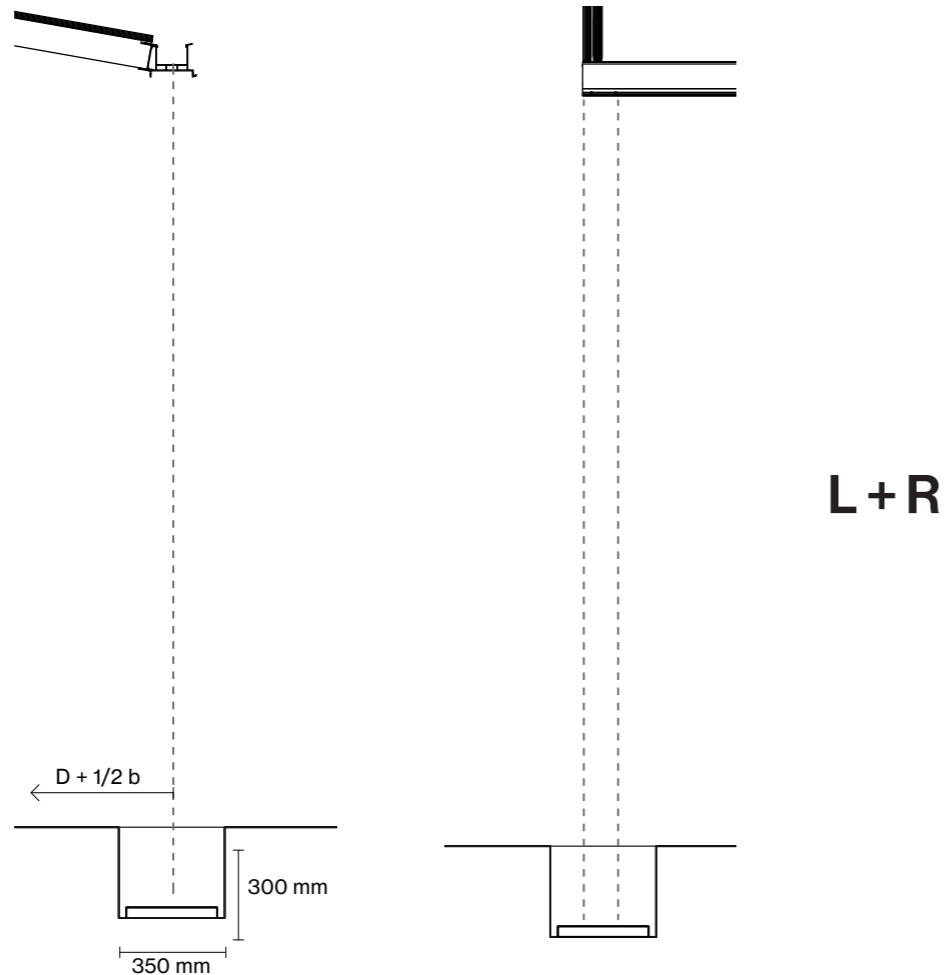
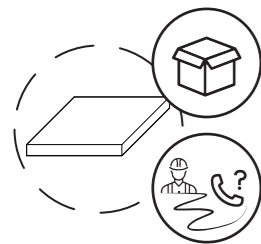
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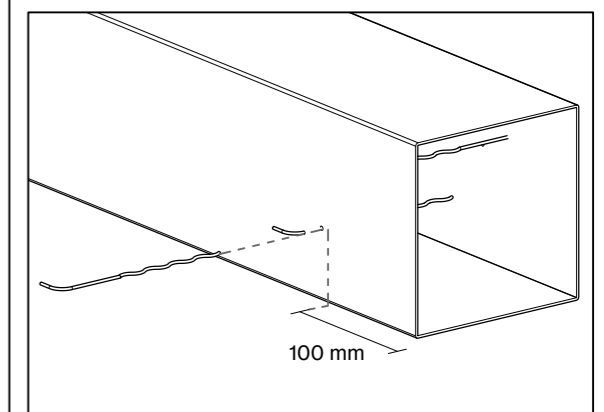
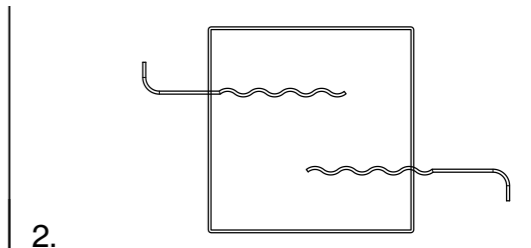
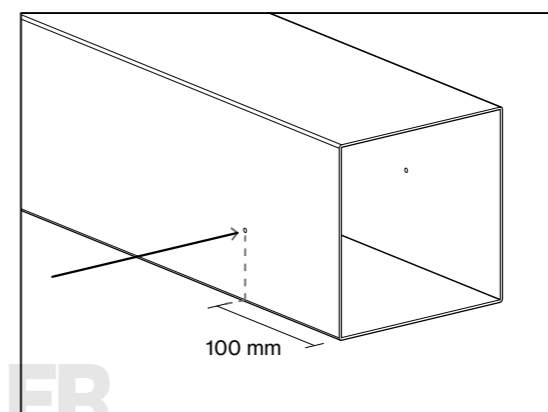
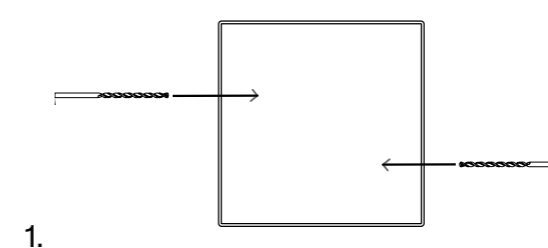
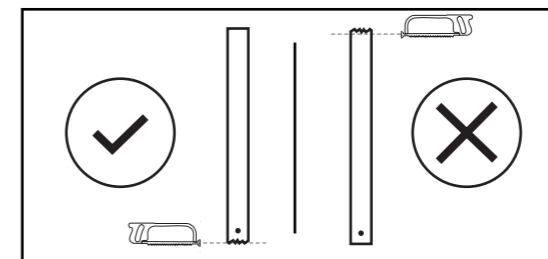
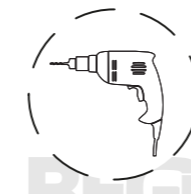
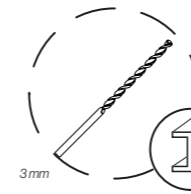
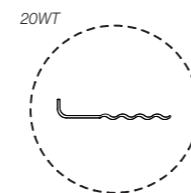
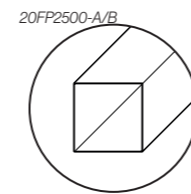
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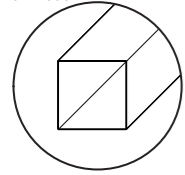
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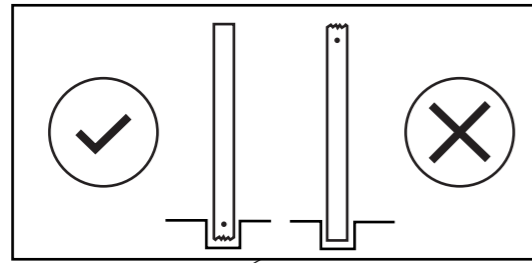
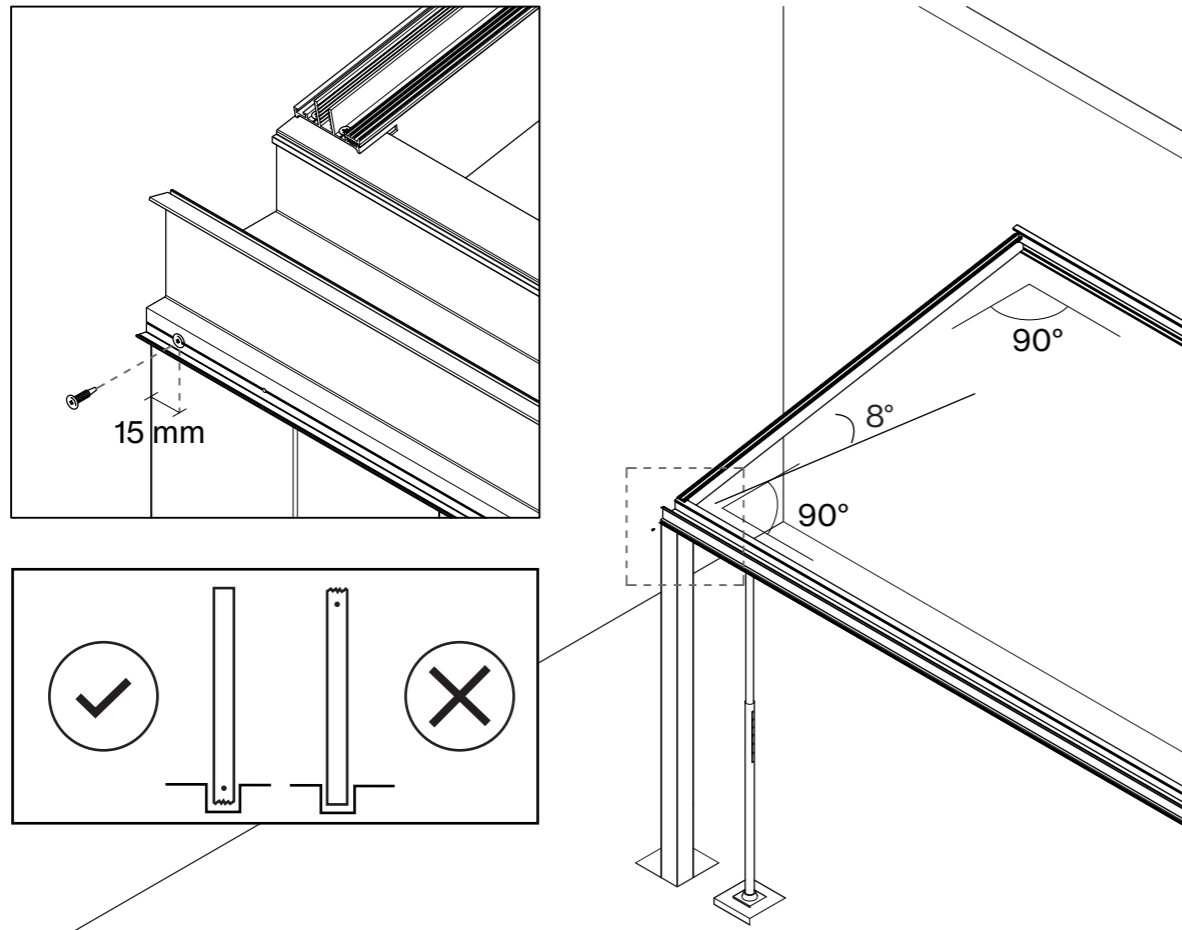
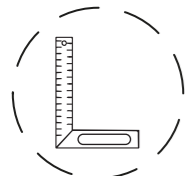
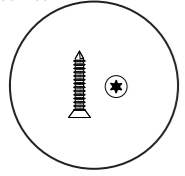
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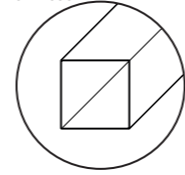
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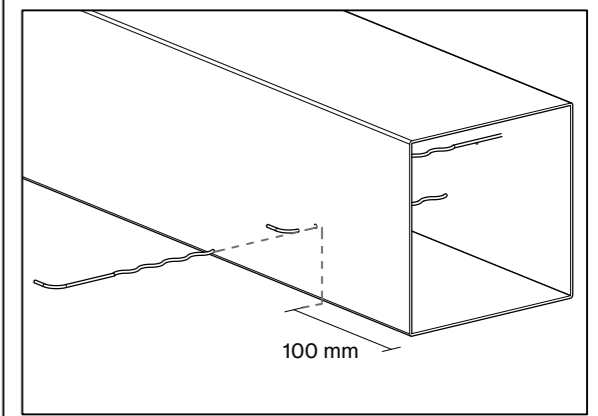
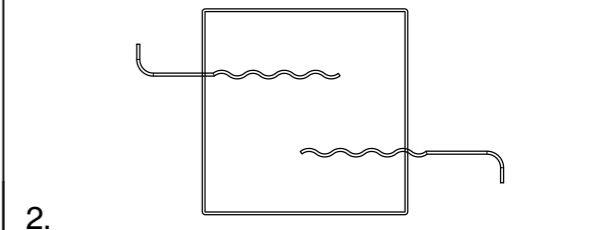
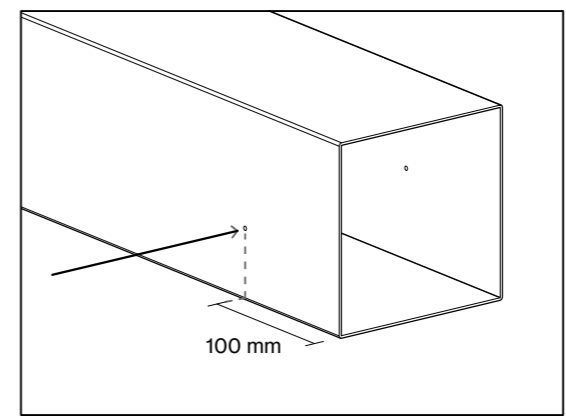
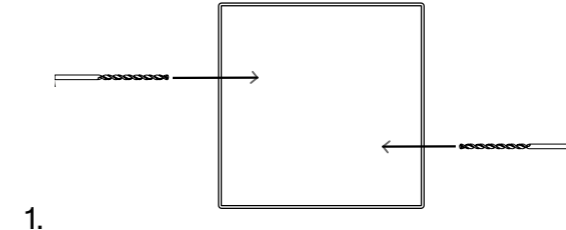
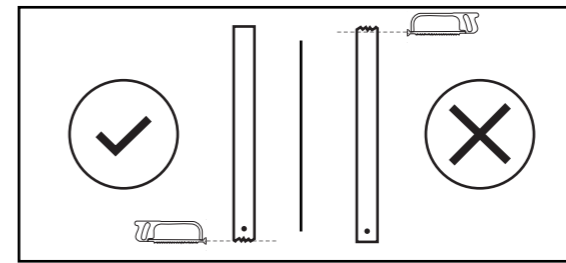
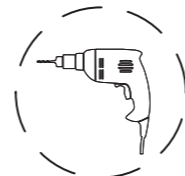
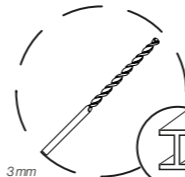
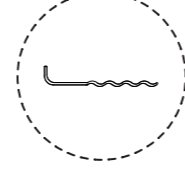
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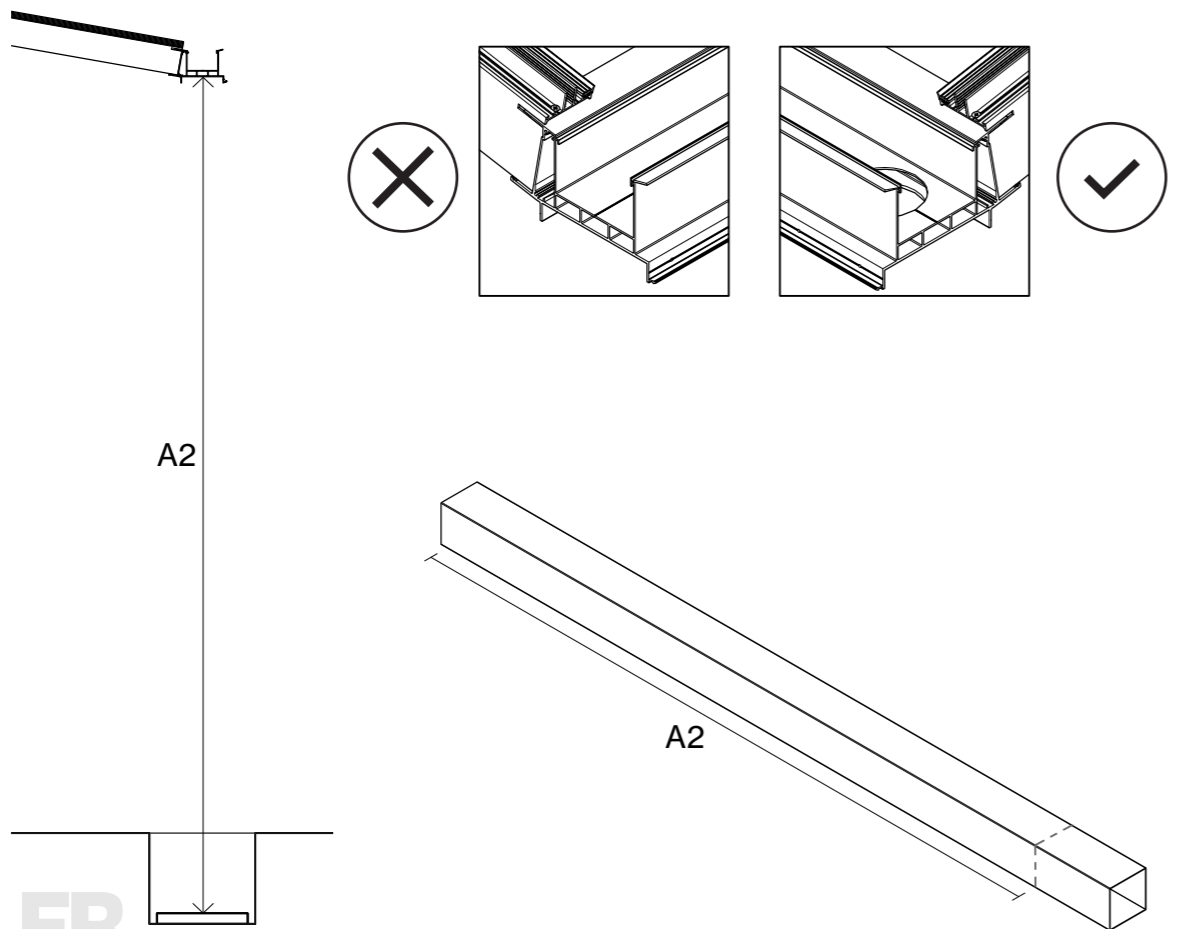
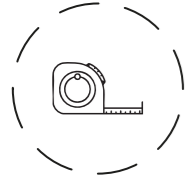
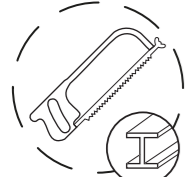
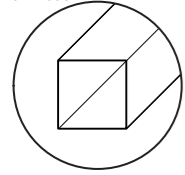
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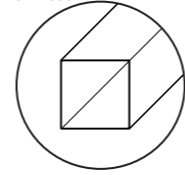
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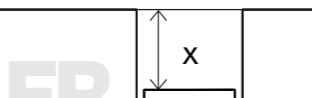
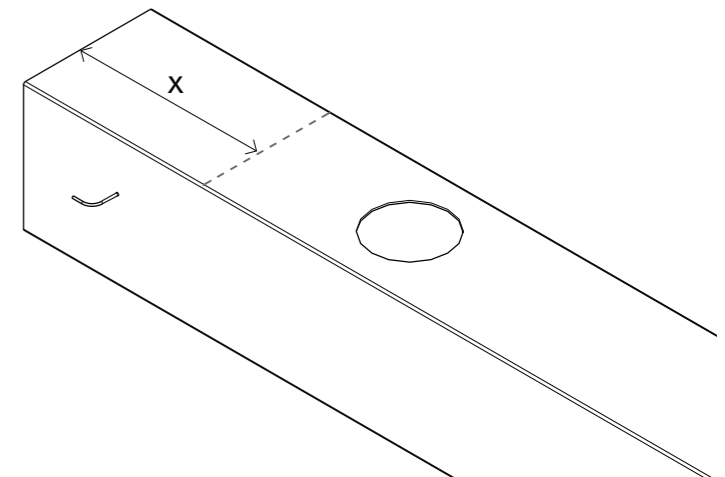
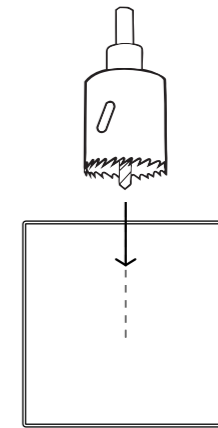
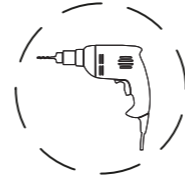
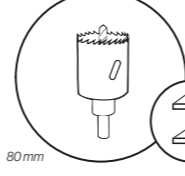
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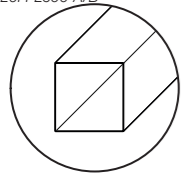
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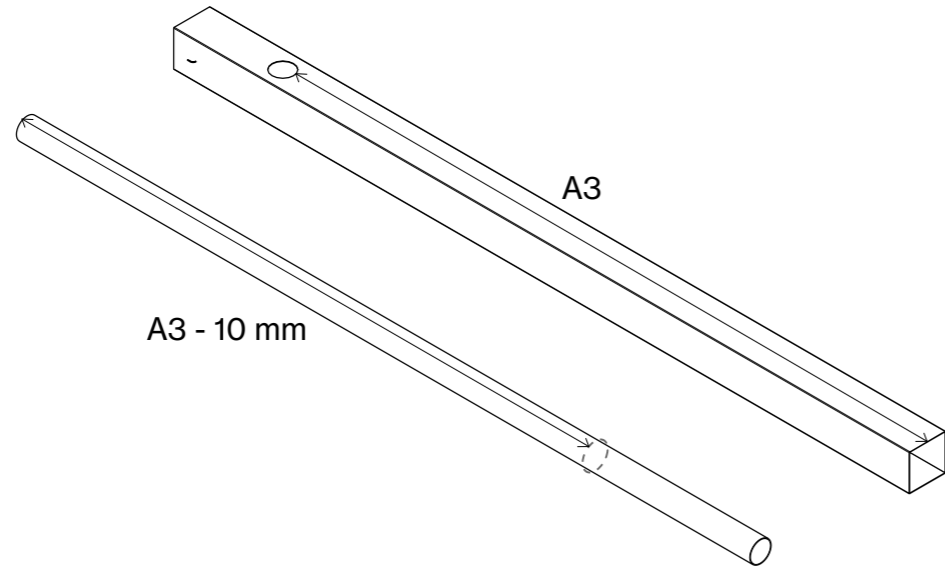
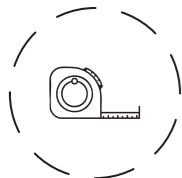
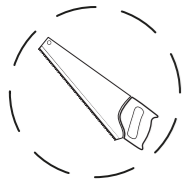
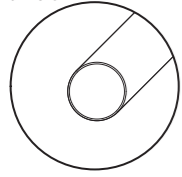
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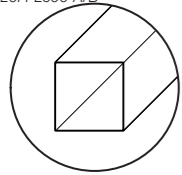
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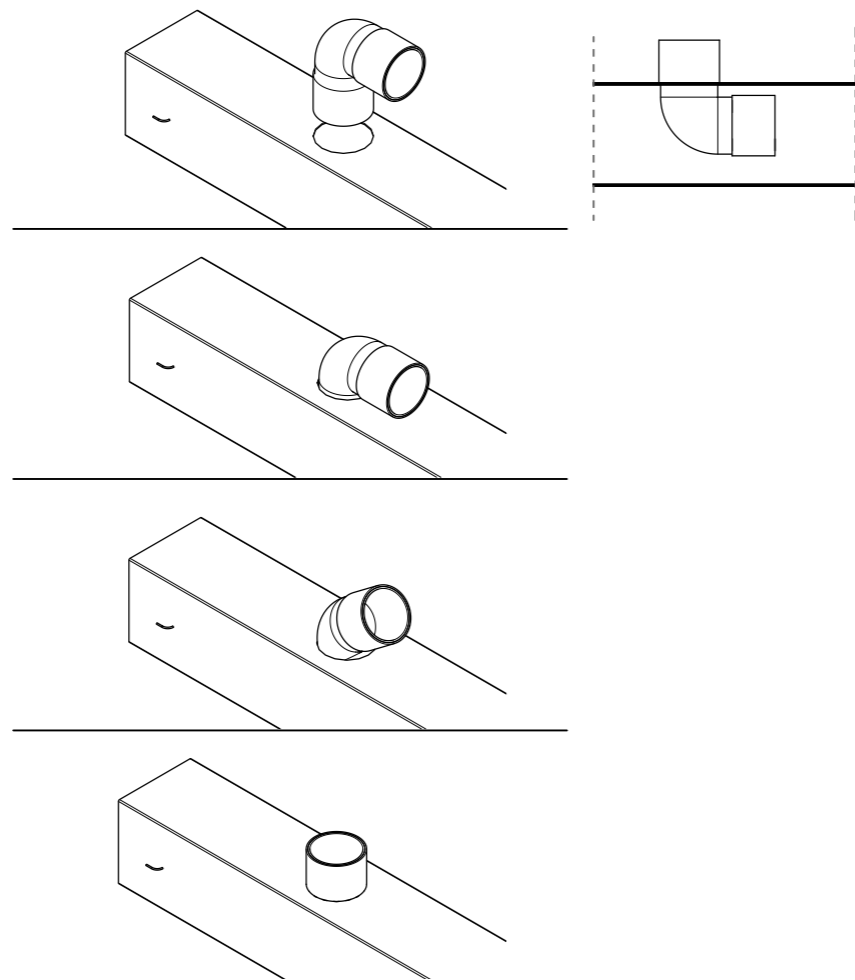
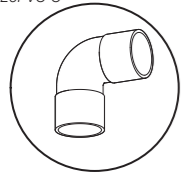
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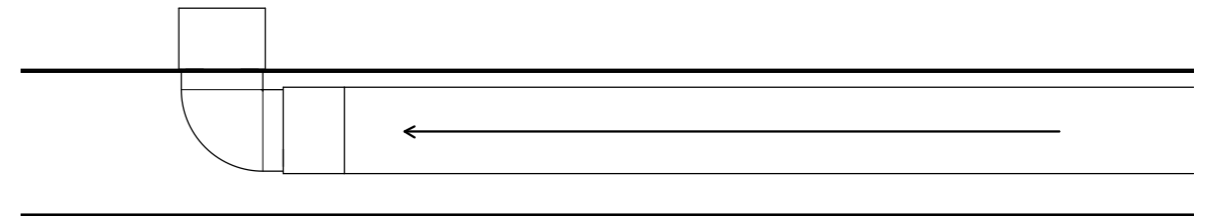
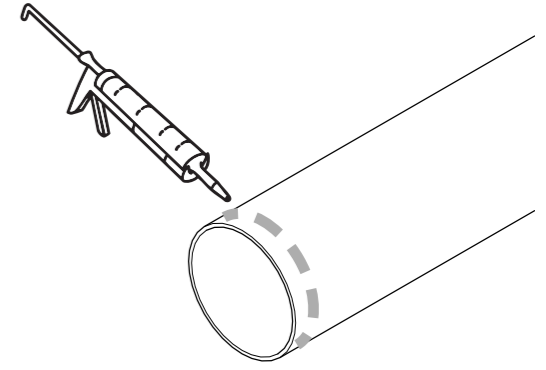
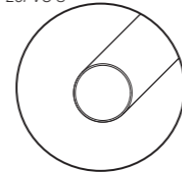
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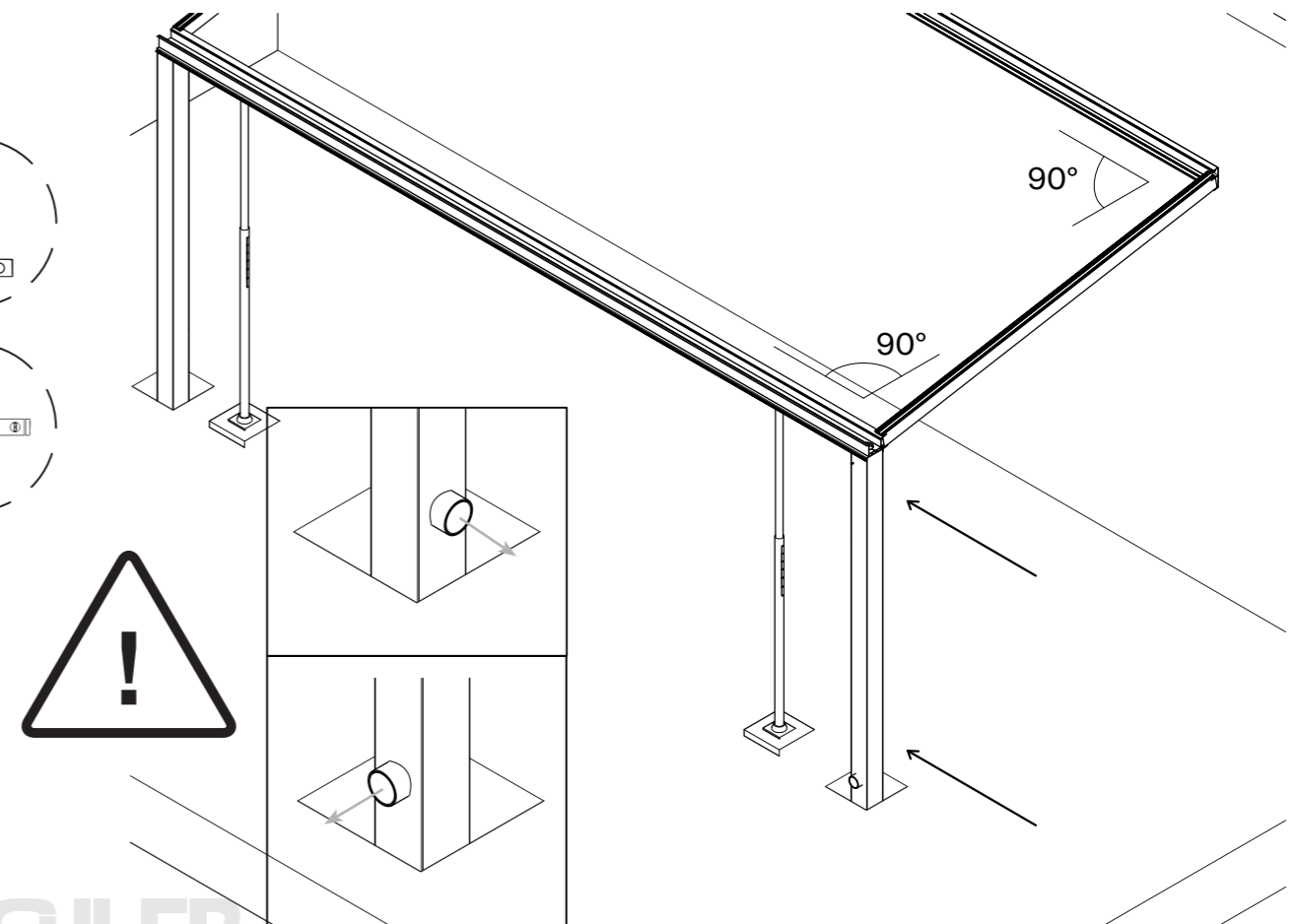
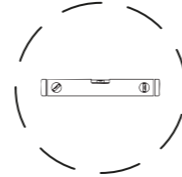
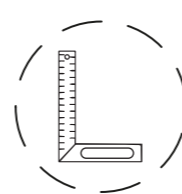
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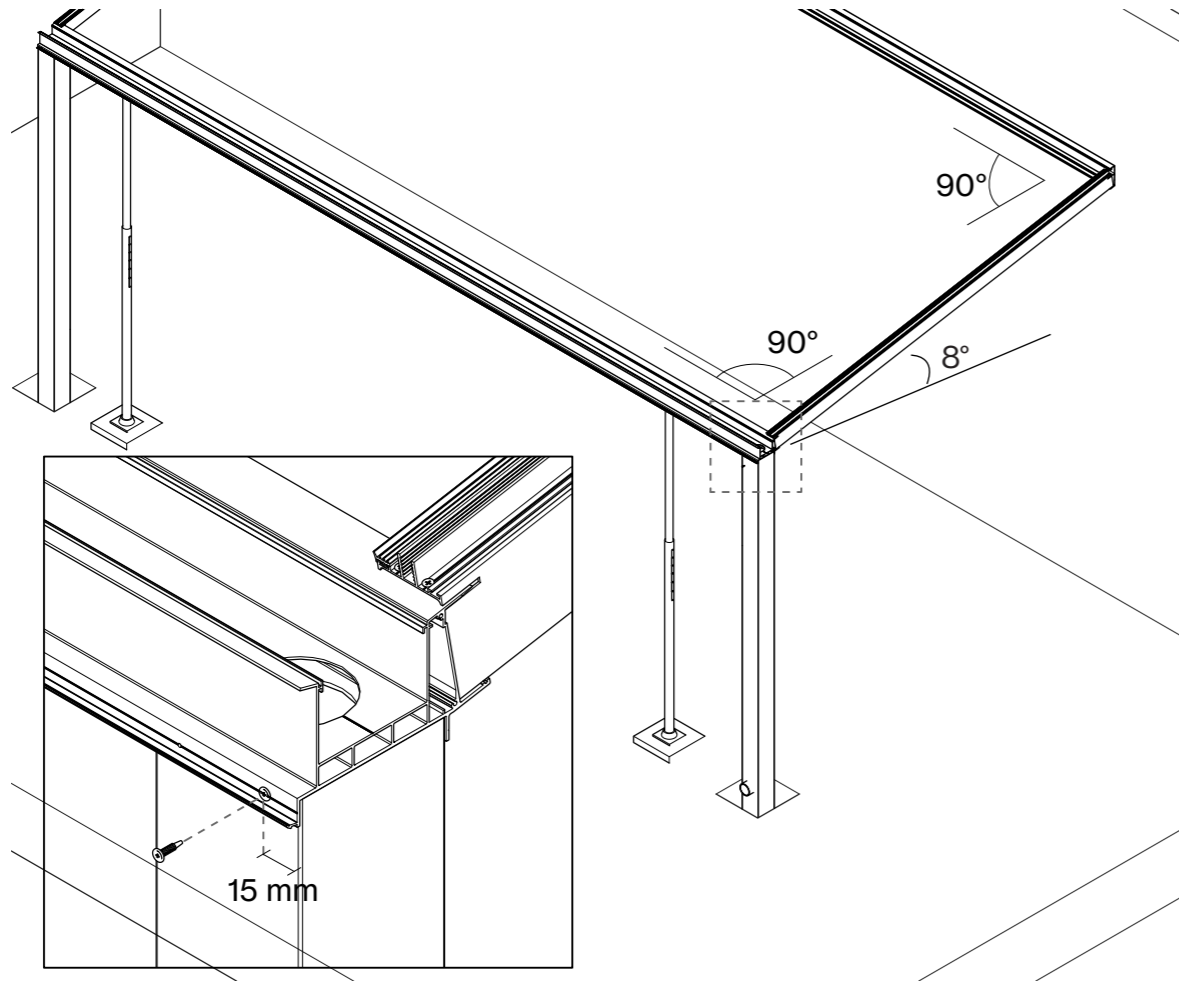
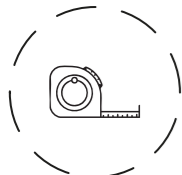
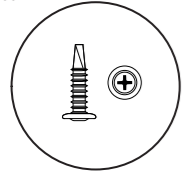
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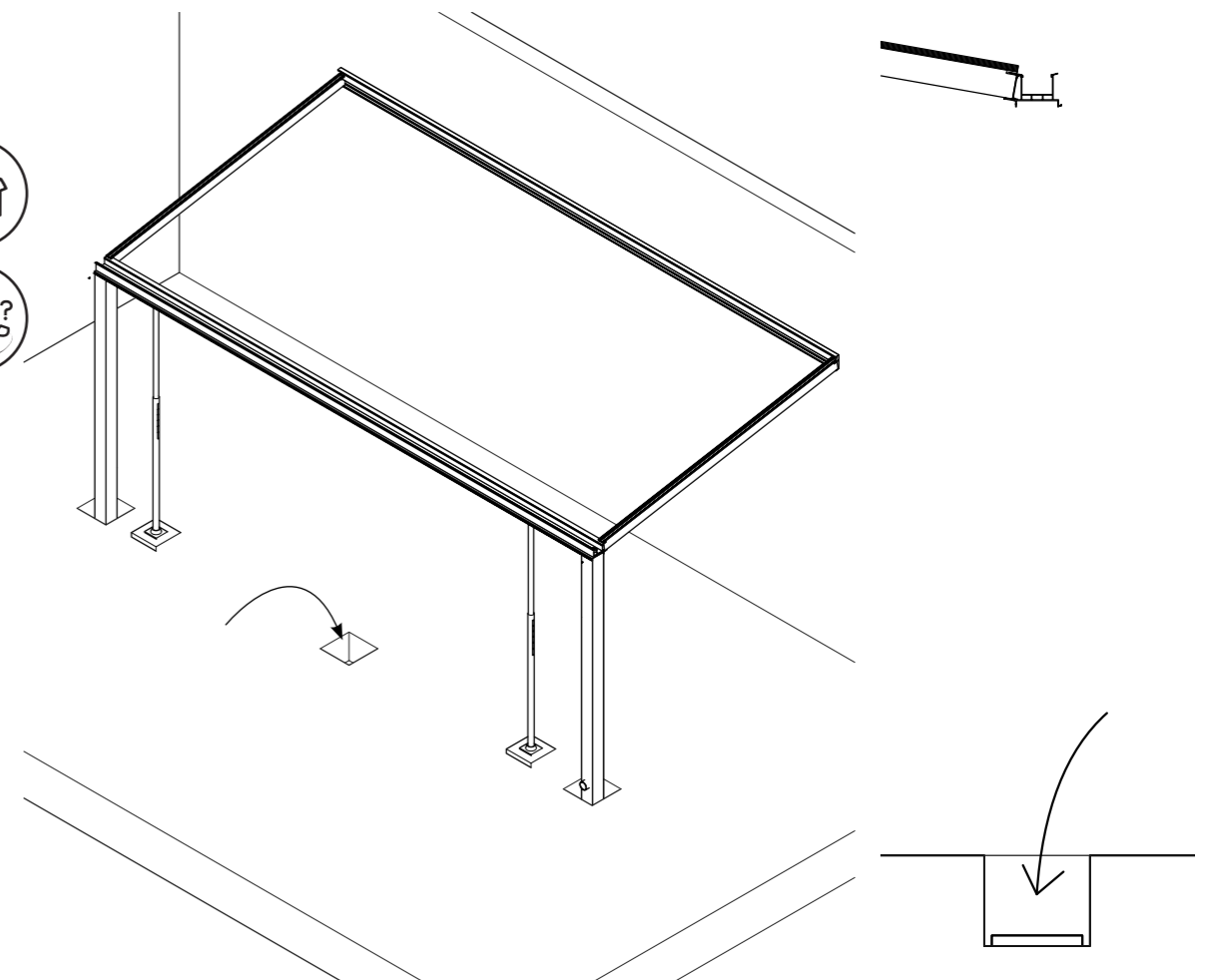
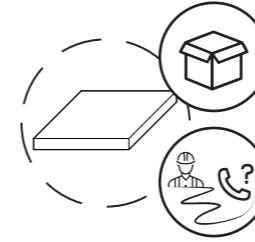
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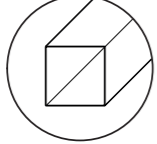
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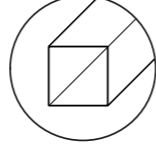
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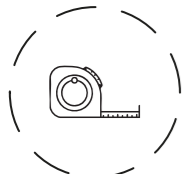
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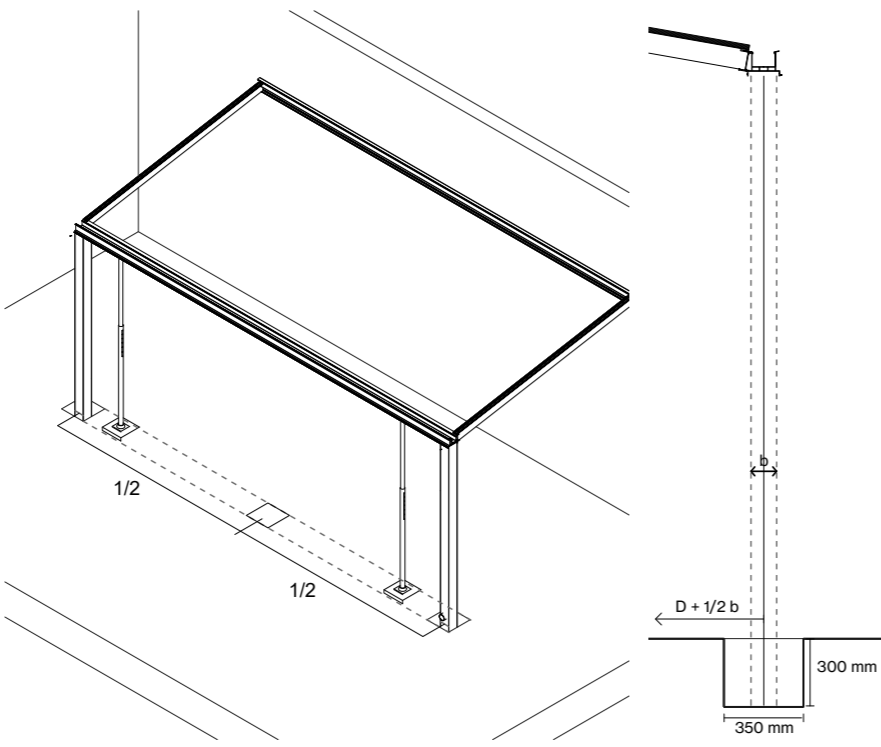
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H	D			
	(m)	2.5 m	3.0 m	3.5 m
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2.05	2.40	2.47	2.54	2.61
2.10	2.45	2.52	2.59	2.66
2.15	2.50	2.57	2.64	2.71
2.20	2.55	2.62	2.69	2.76
2.25	2.60	2.67	2.74	2.81
2.30	2.65	2.72	2.79	2.86
2.35	2.70	2.77	2.84	2.91
2.40	2.75	2.82	2.89	2.96
2.45	2.80	2.87	2.94	3.01
2.50	2.85	2.92	2.99	3.06
2.55	2.90	2.97	3.04	3.11
2.60	2.95	3.02	3.09	3.16

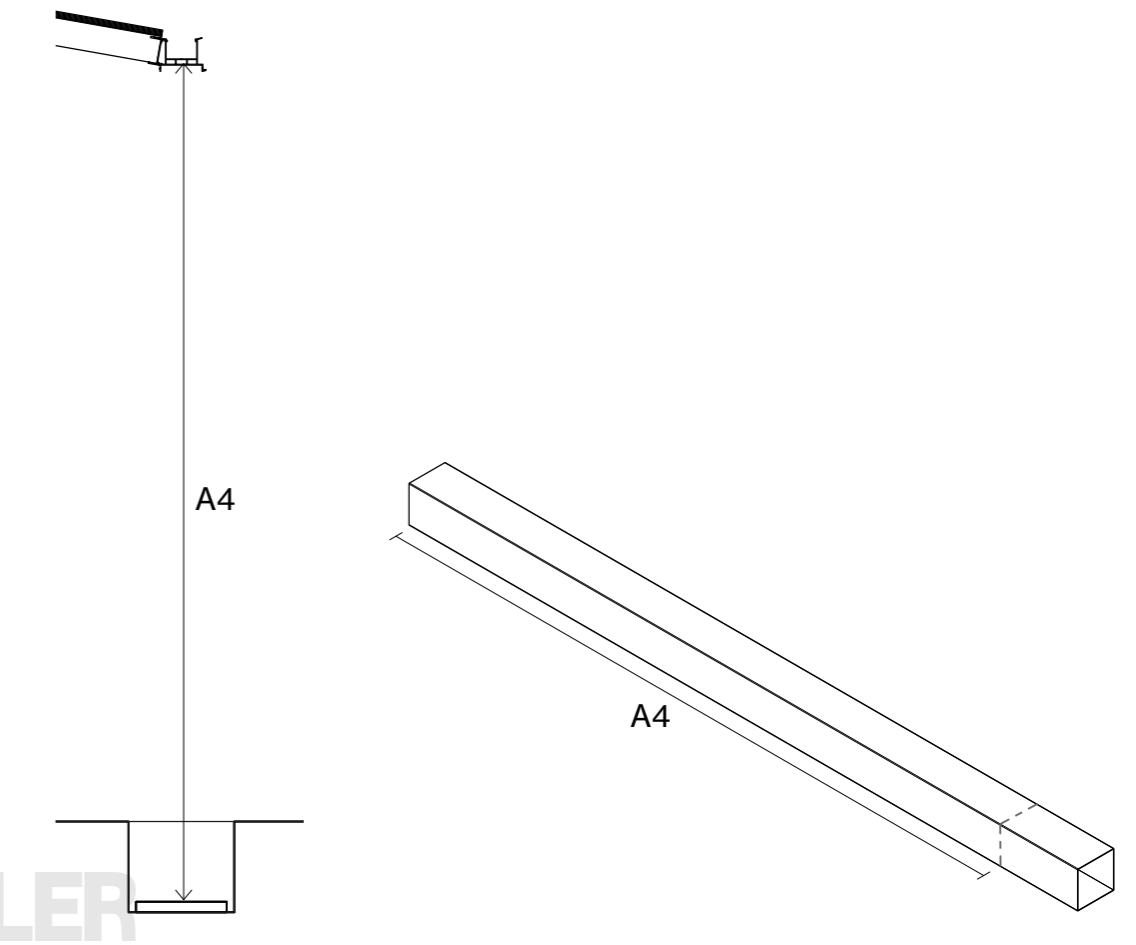
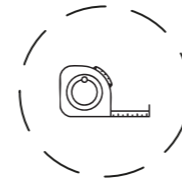
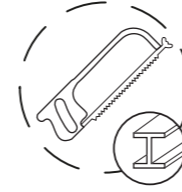
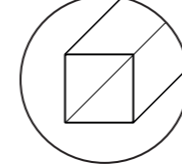
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44

20FP2500-A/B

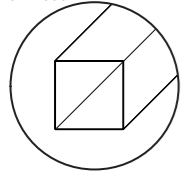


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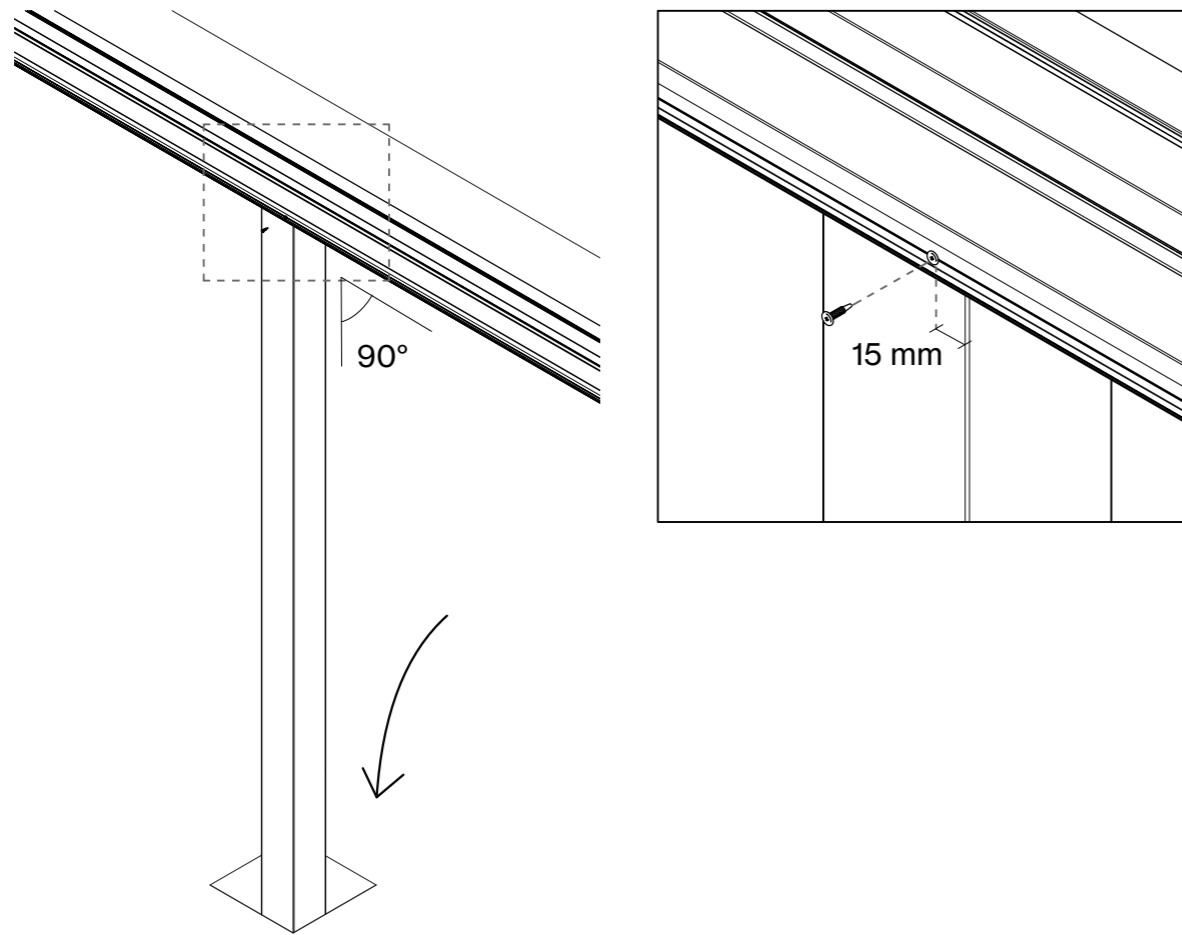
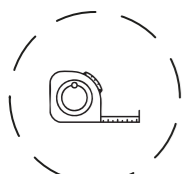
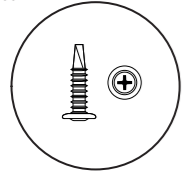
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45

20FP2500-A/B



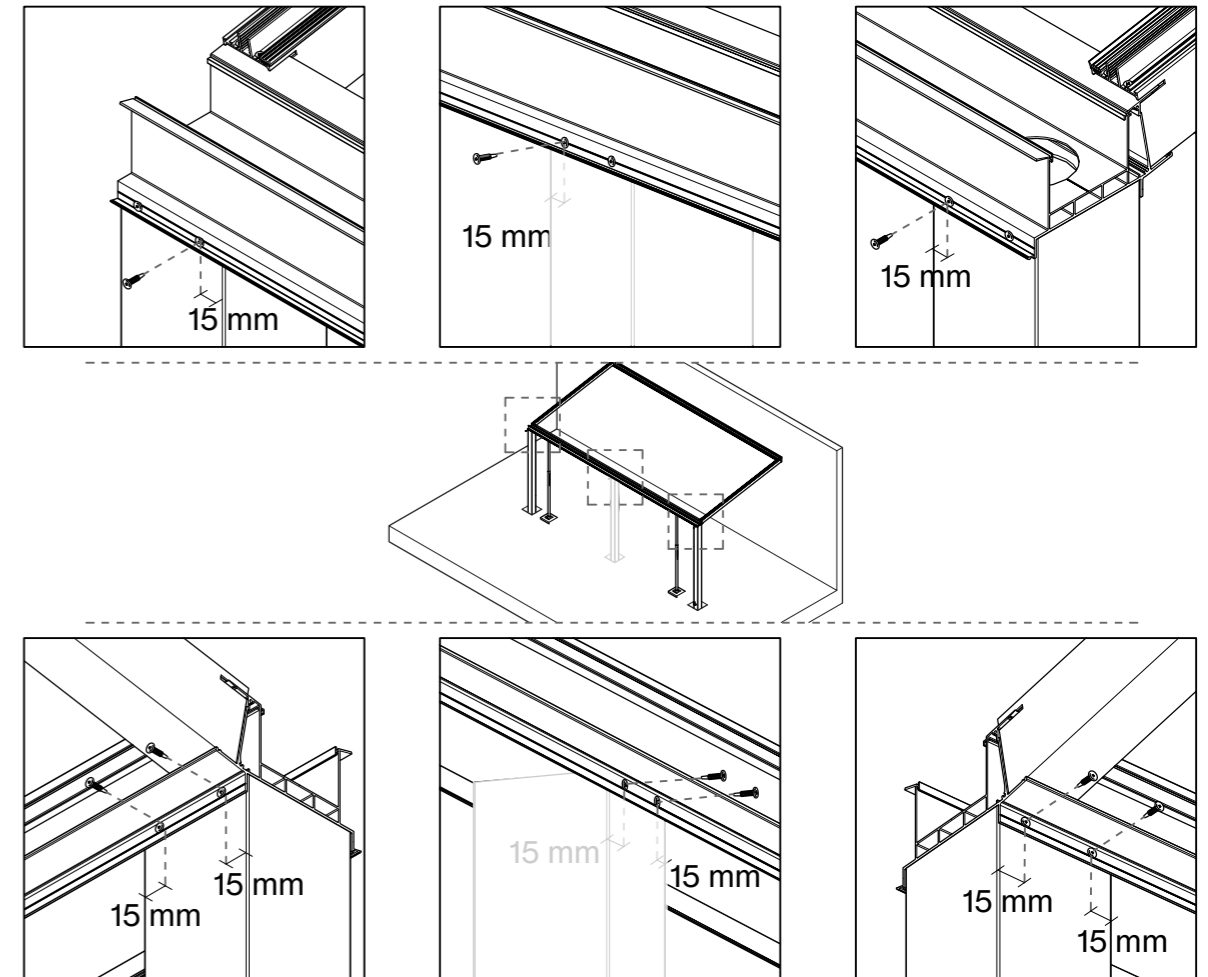
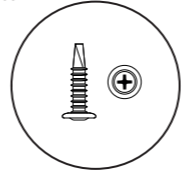
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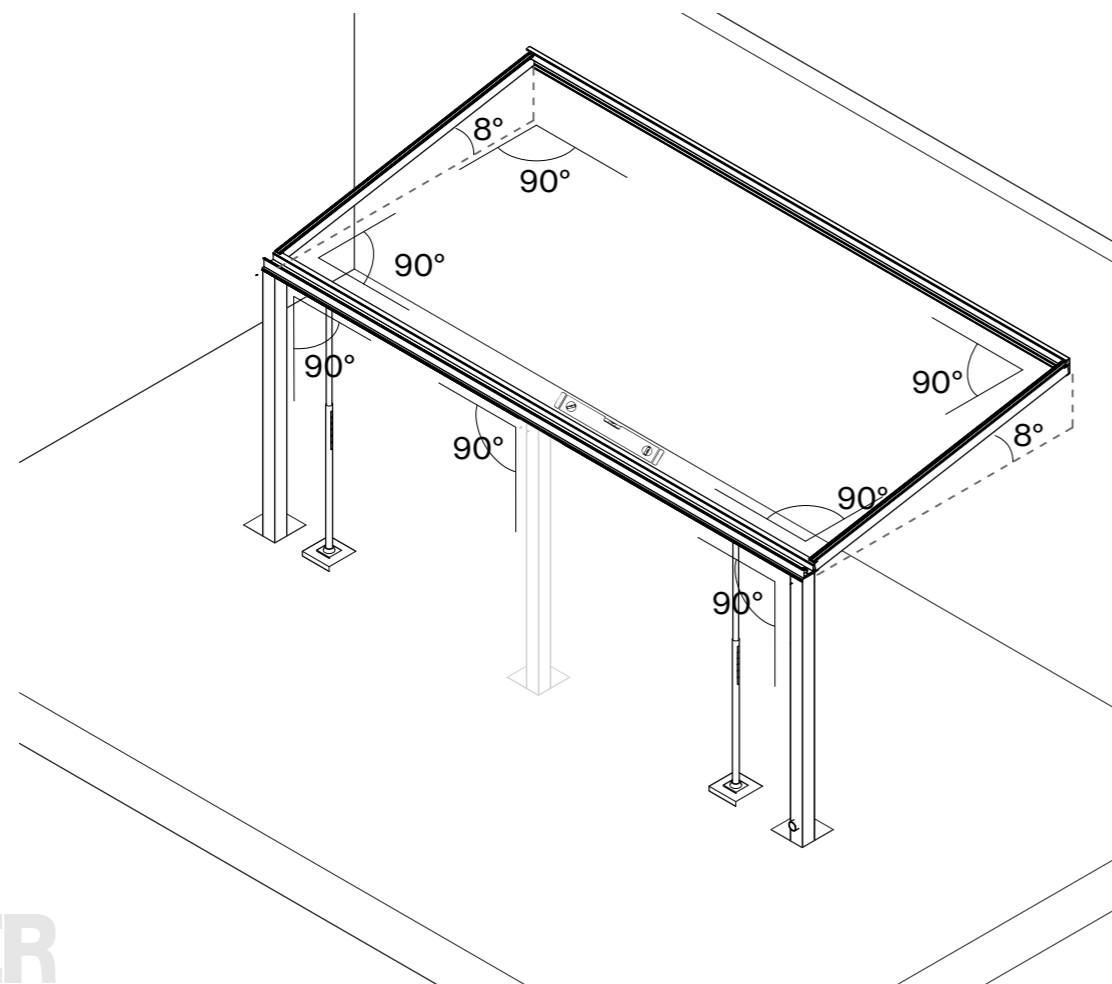
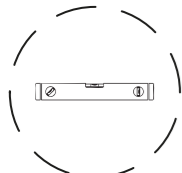
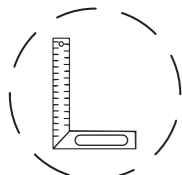
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99T-A/B



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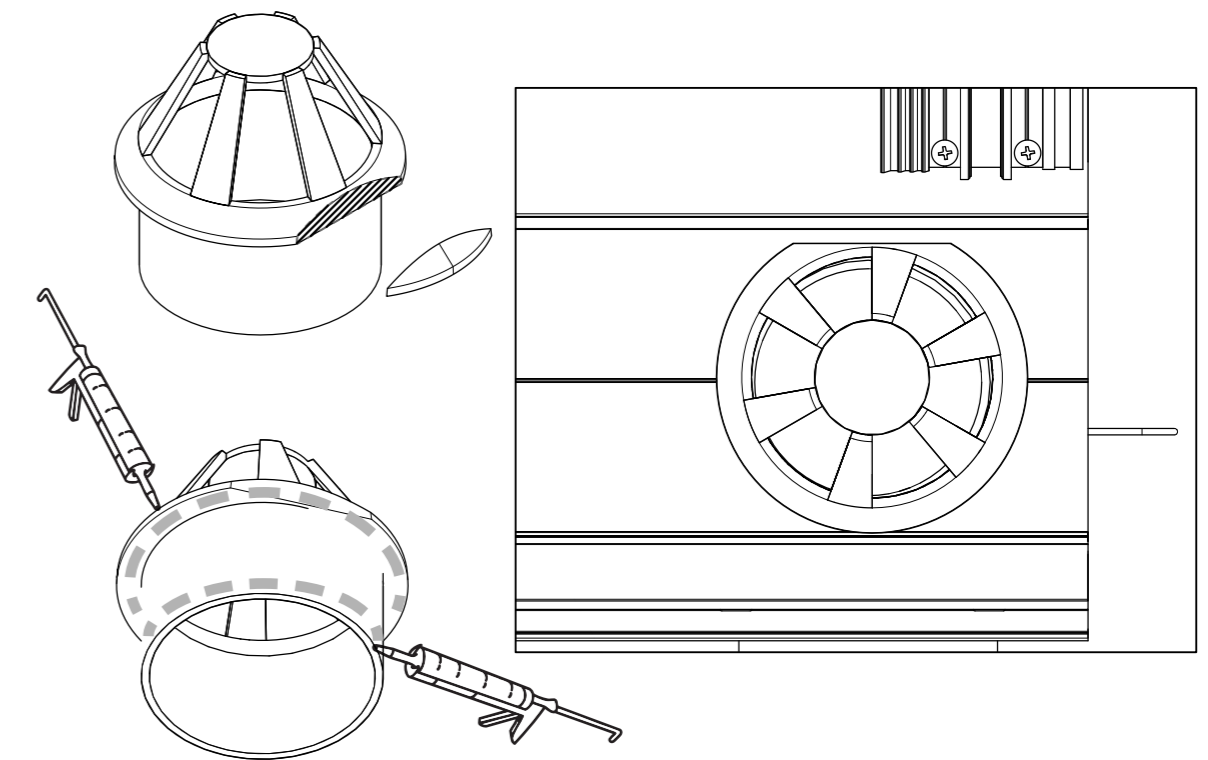
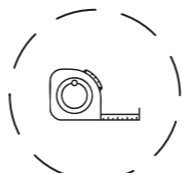
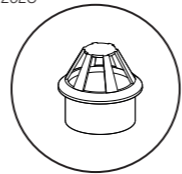
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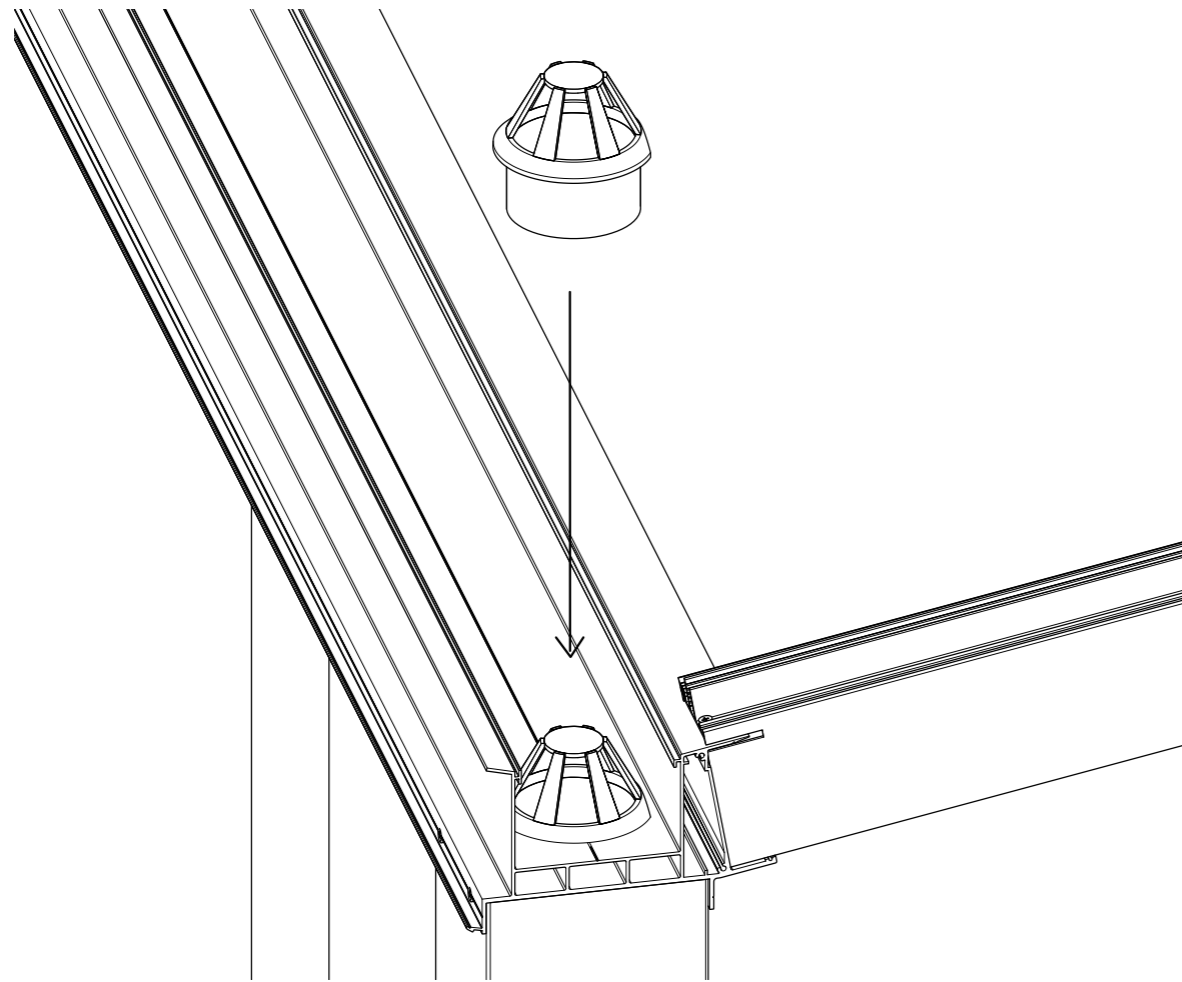
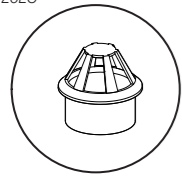
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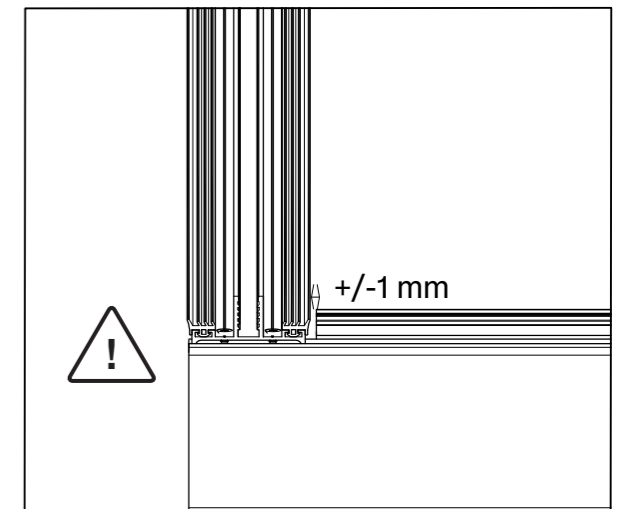
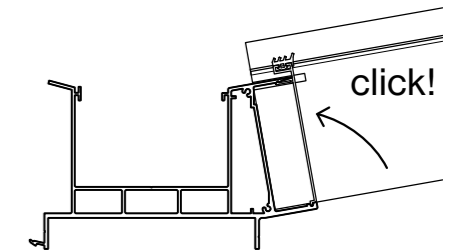
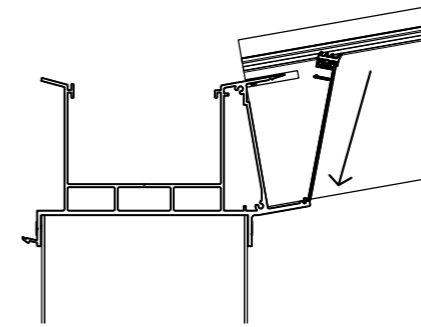
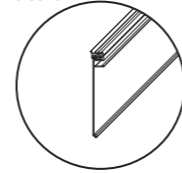
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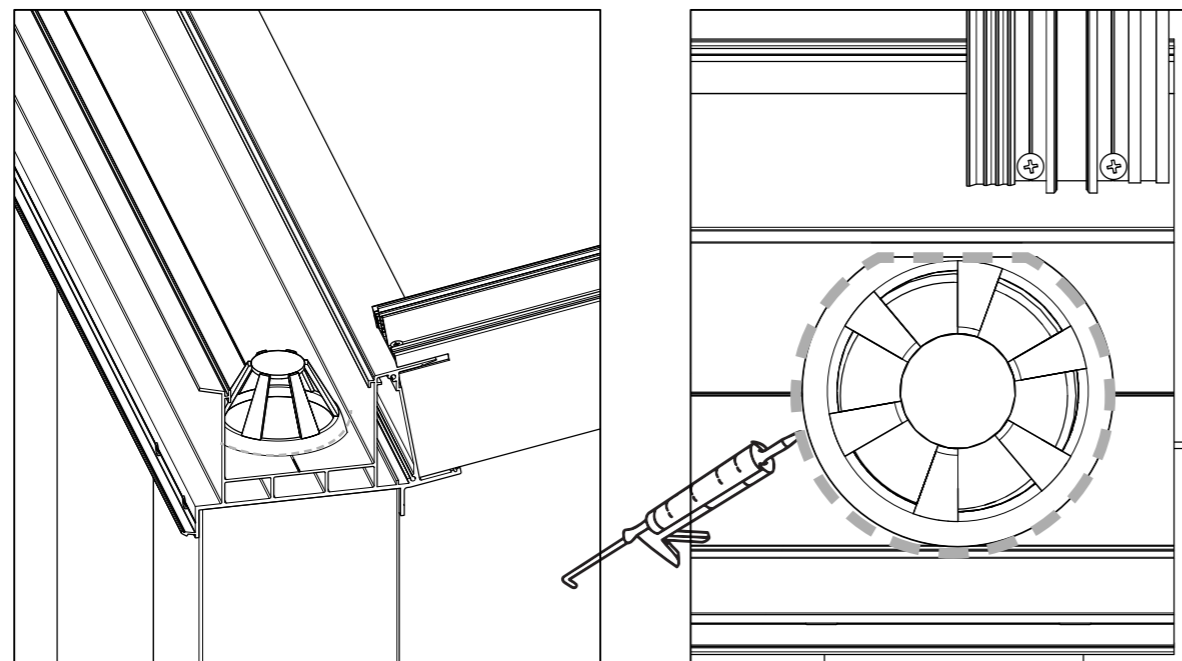
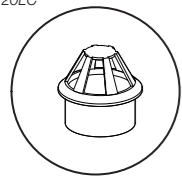
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50

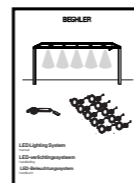
20LC



LED

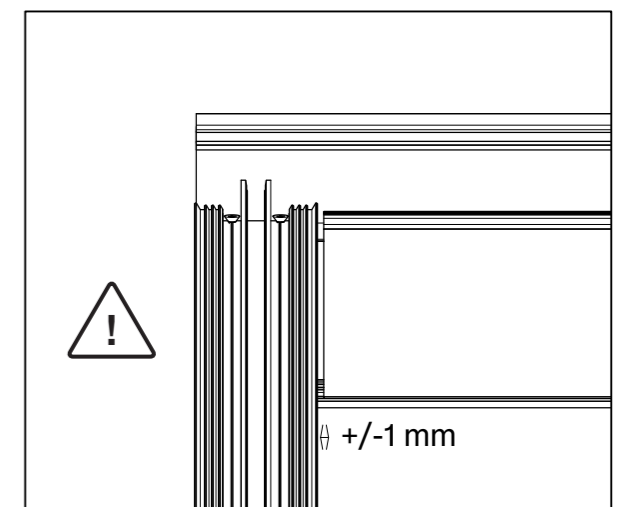
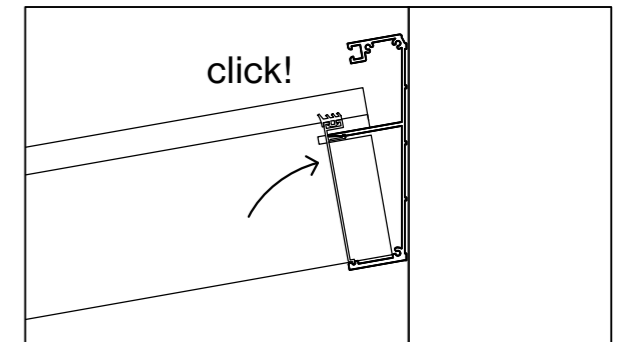
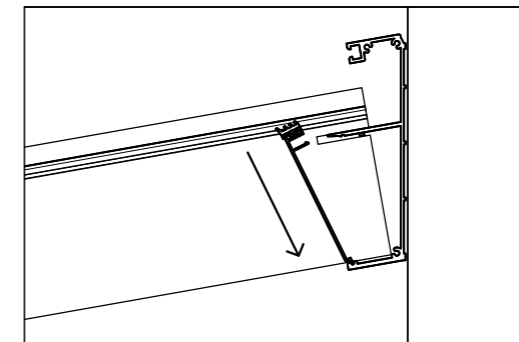
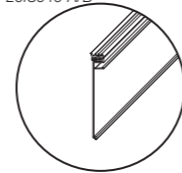
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siehe LED Anleitung Schritt 17



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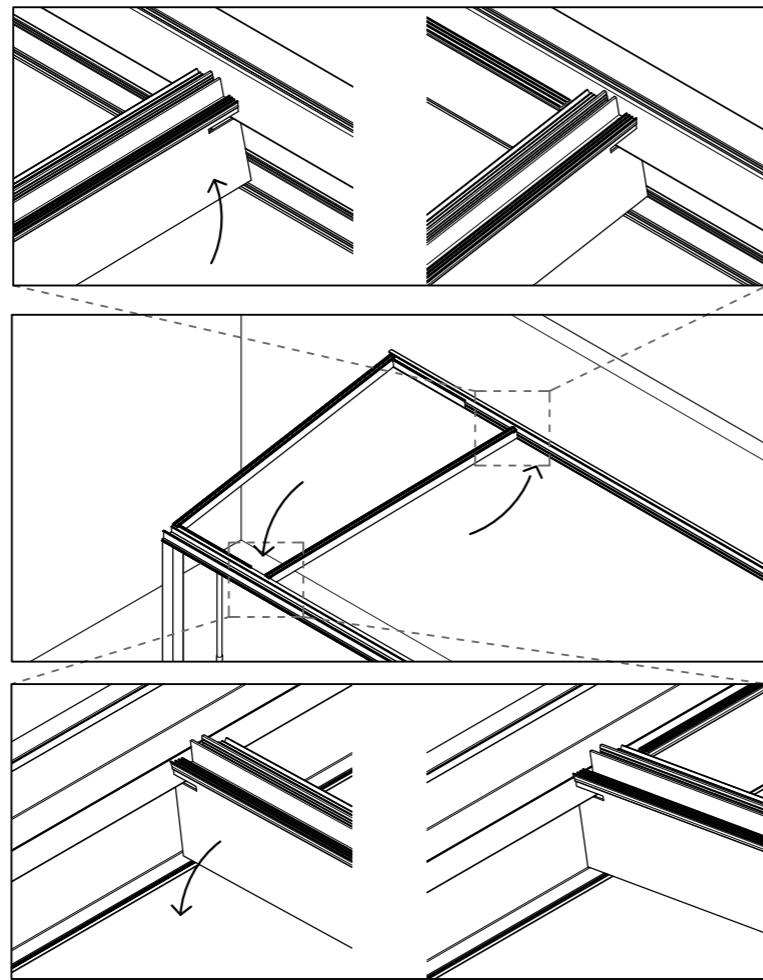
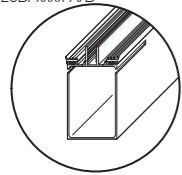
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53

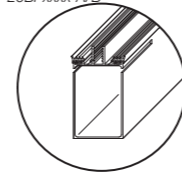
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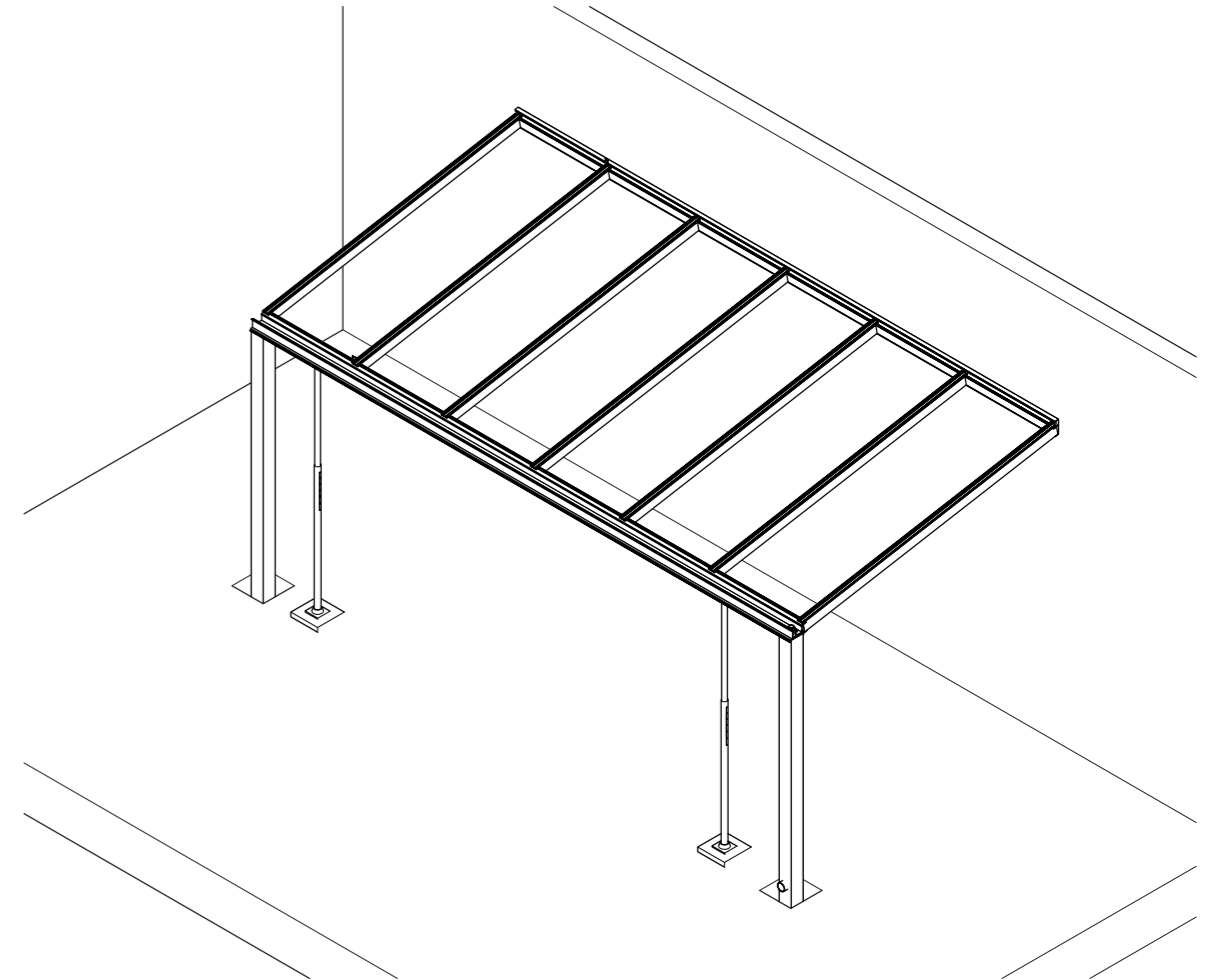
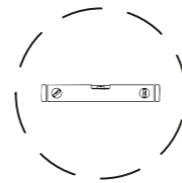
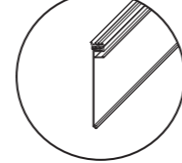
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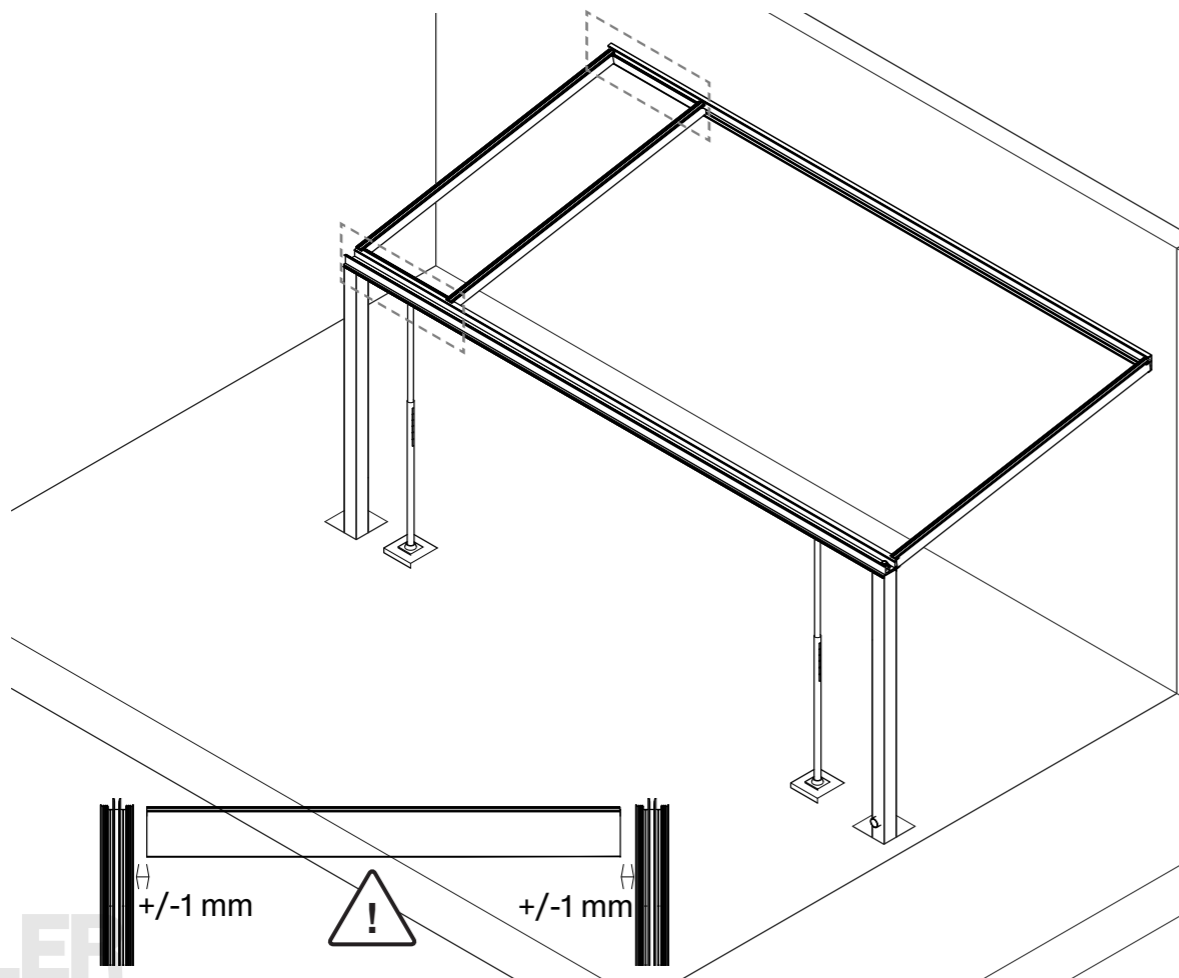
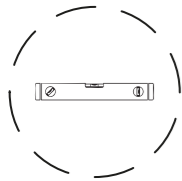
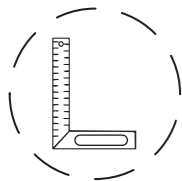


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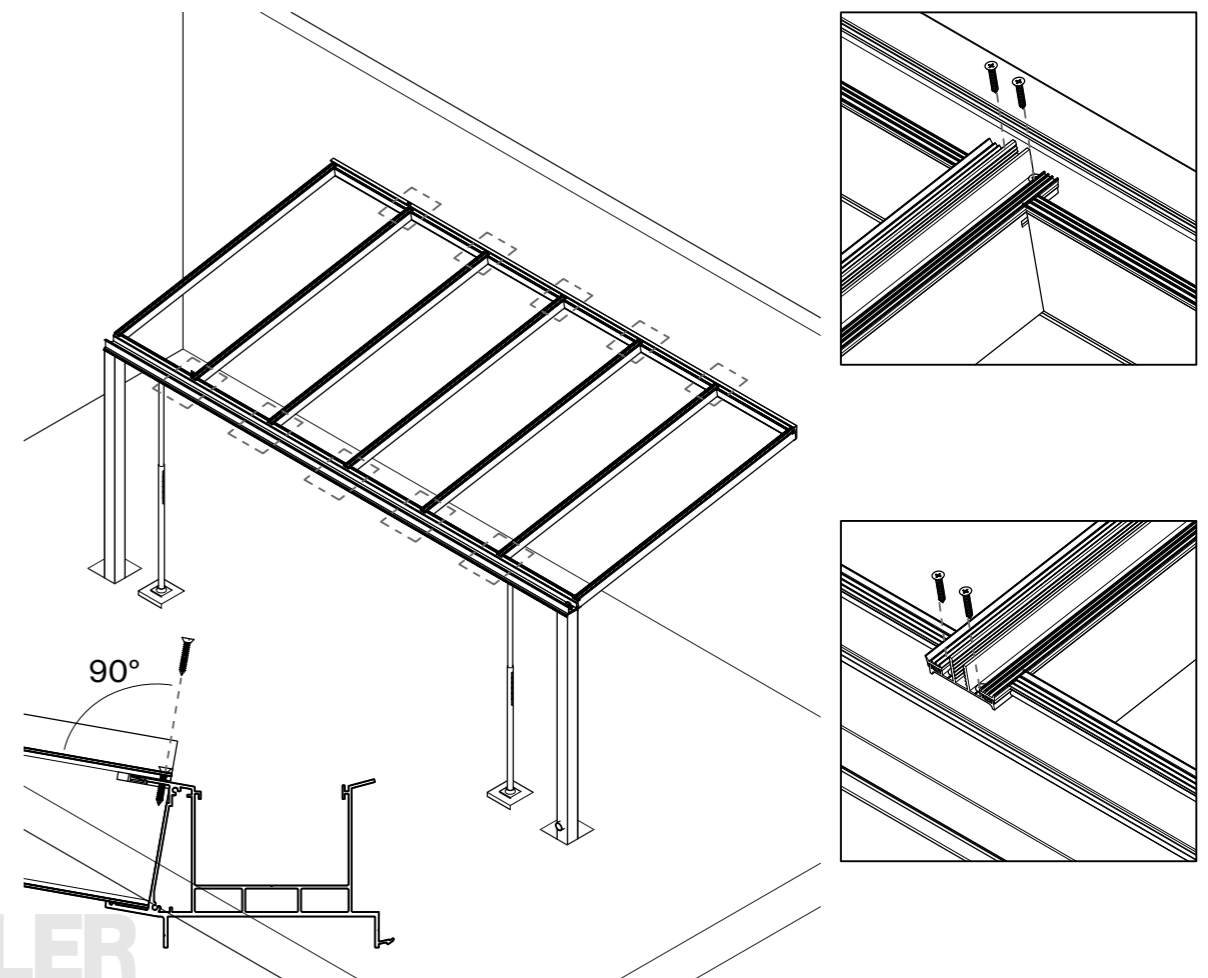
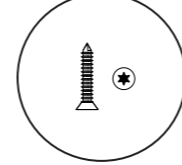
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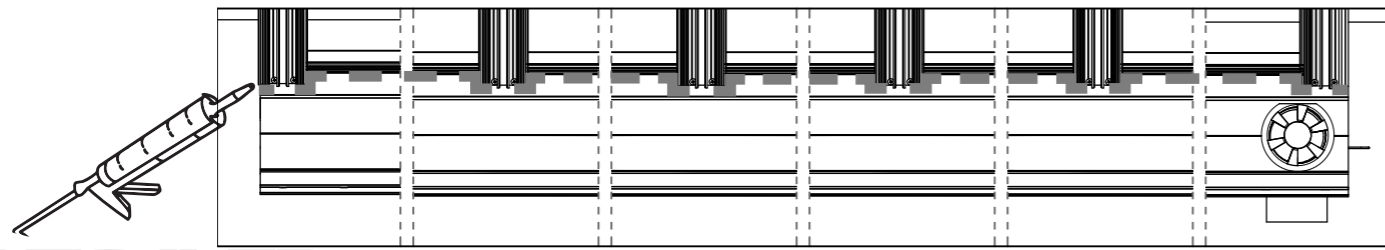
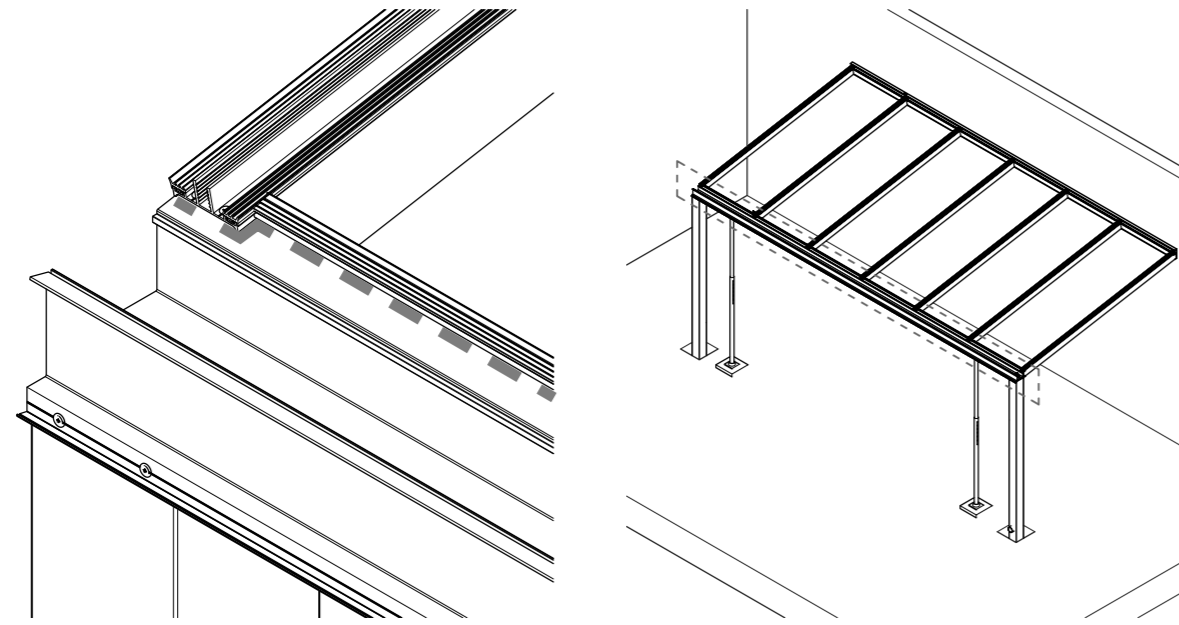
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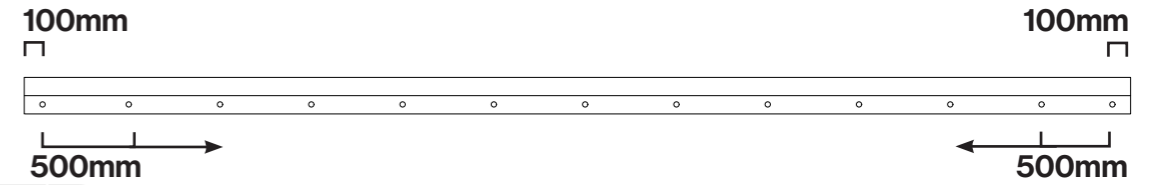
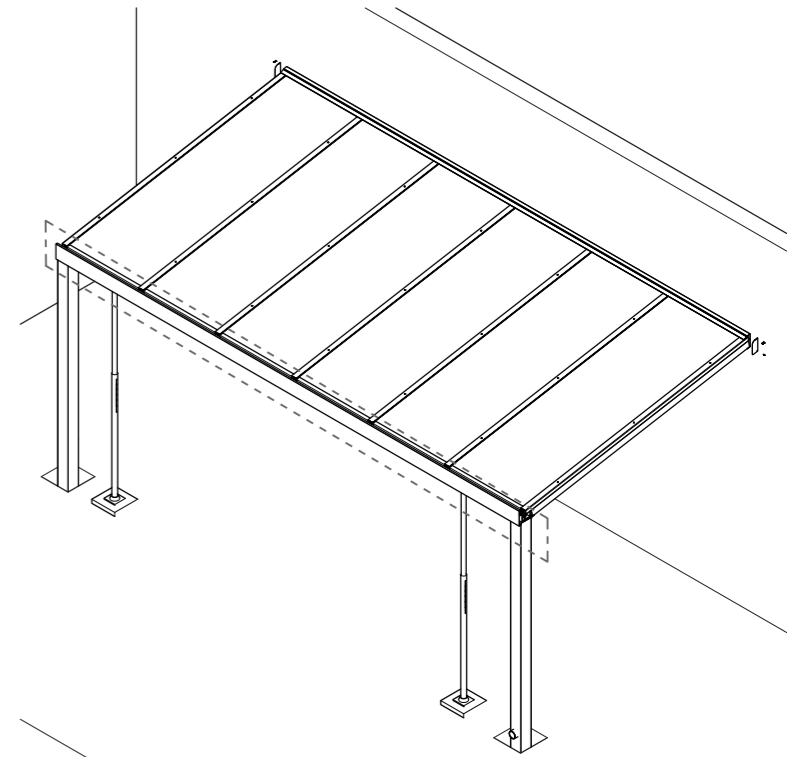
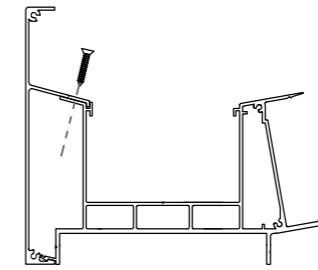
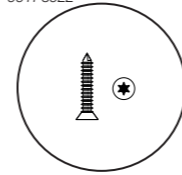
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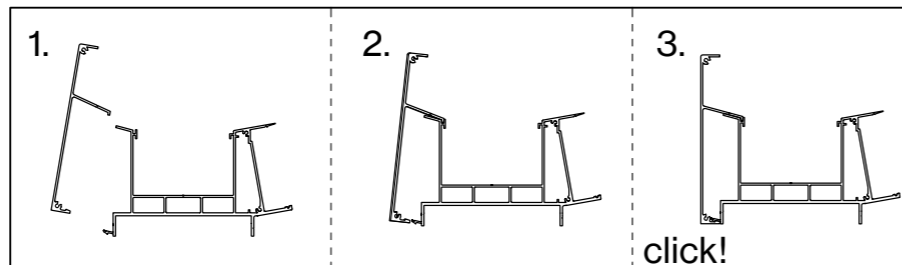
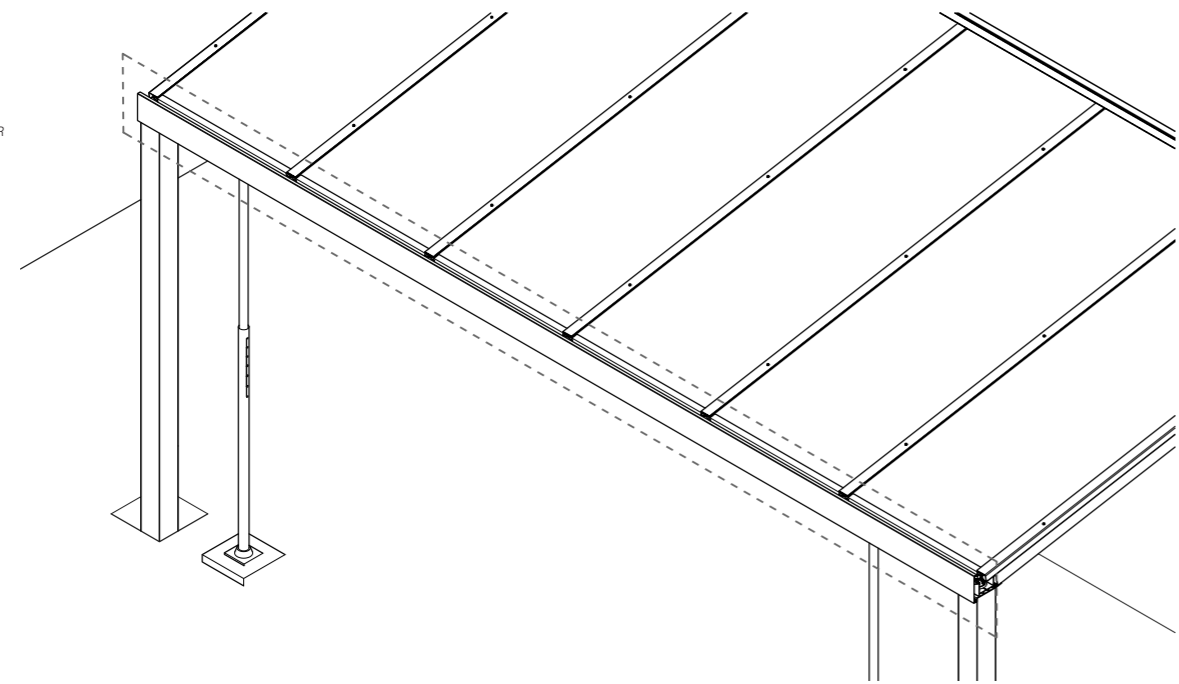
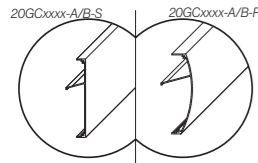
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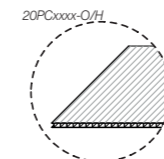


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58



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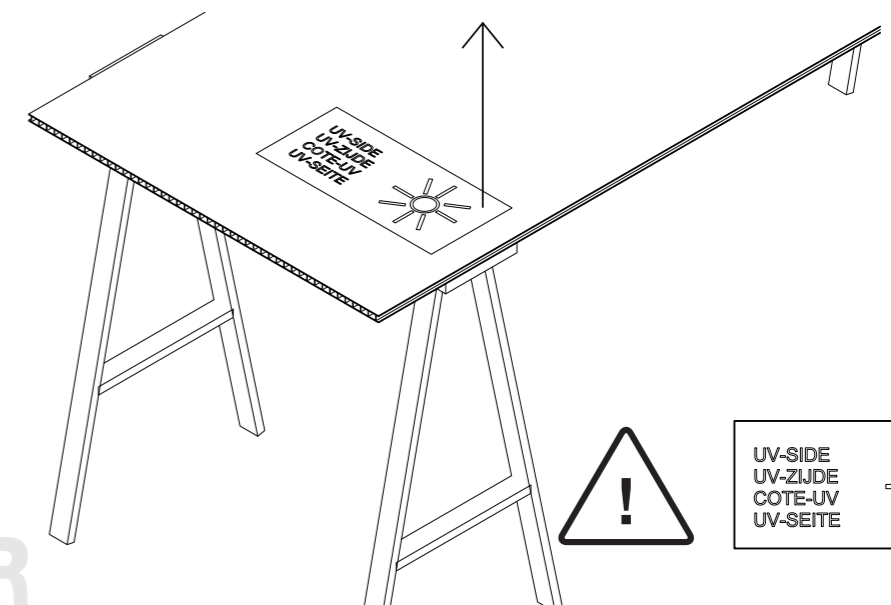
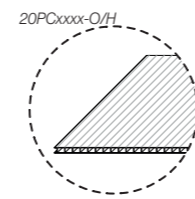


Polycarbonat
> 59



Glass
> 67

60

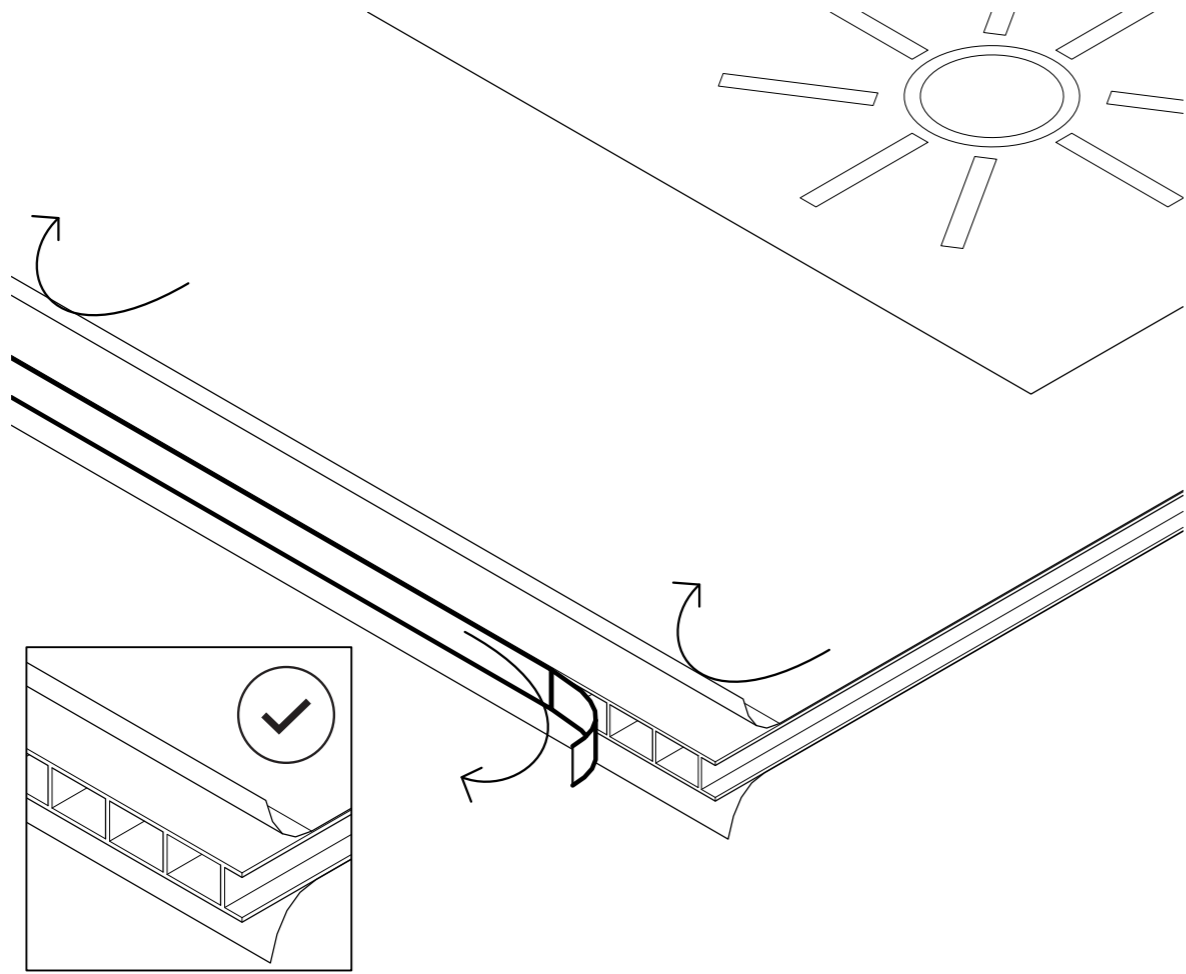
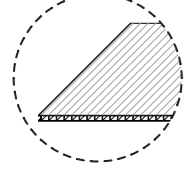


UV-SIDE
UV-ZIJDE
COTE-UV
UV-SEITE

BEGHLER

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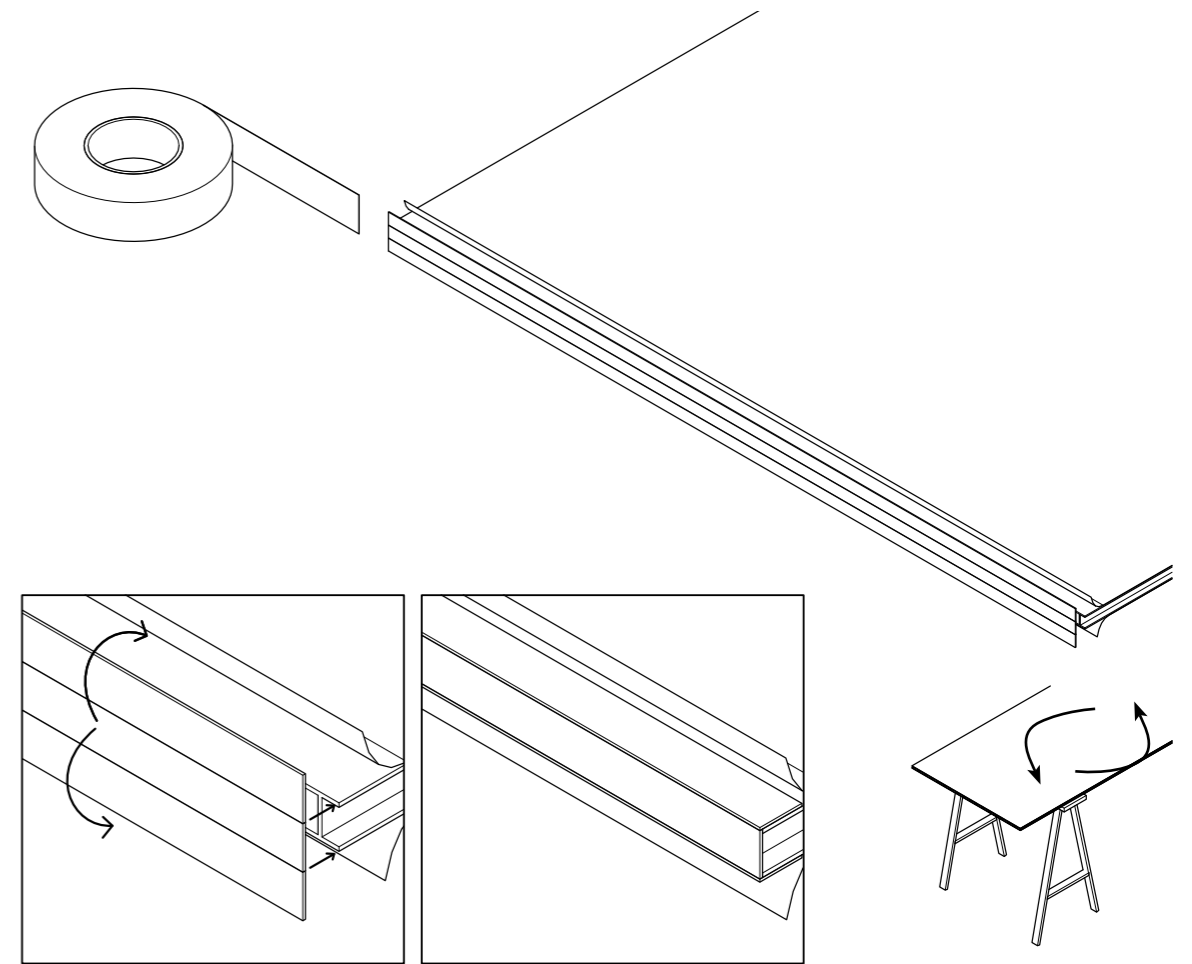
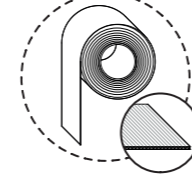
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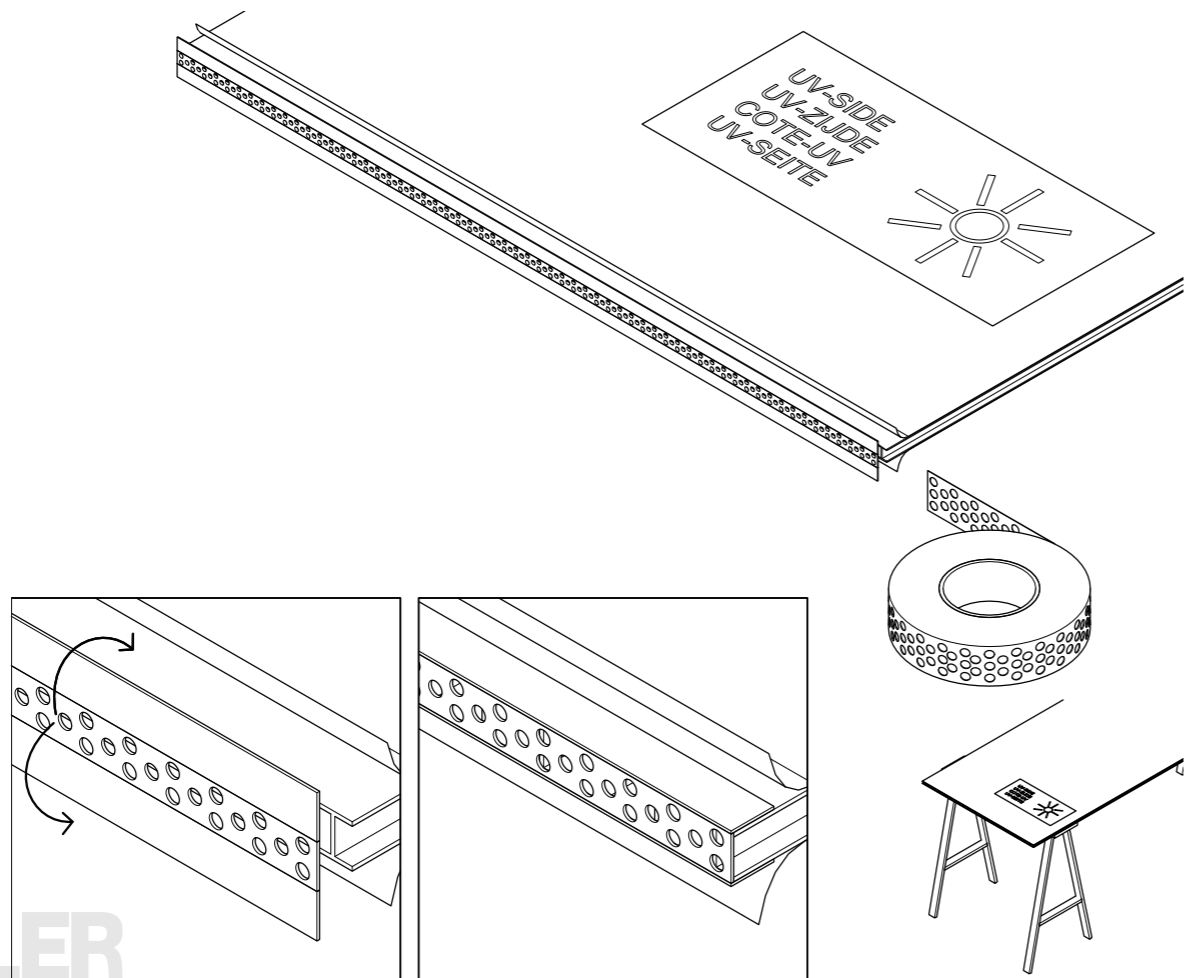
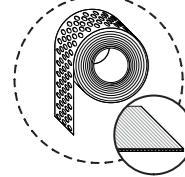
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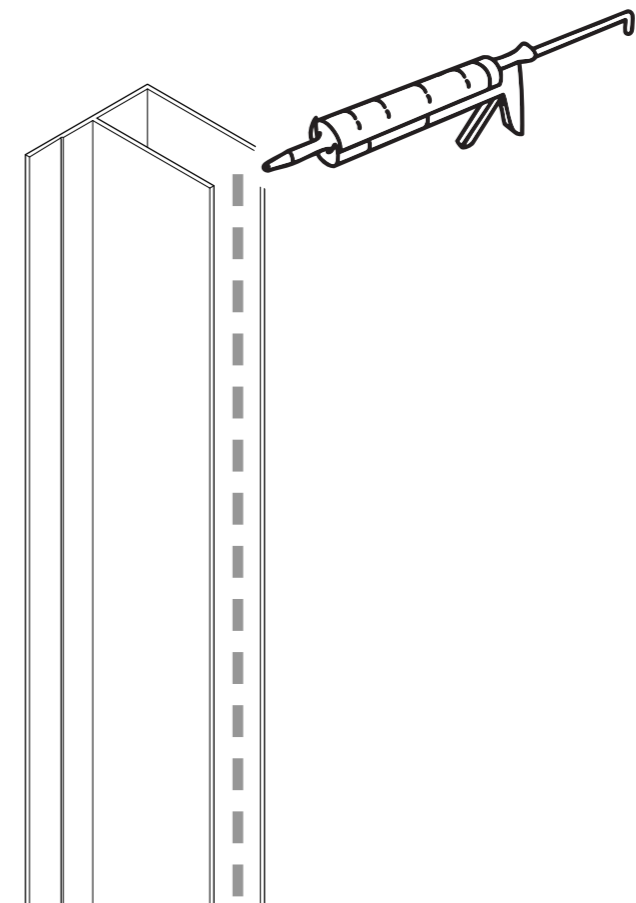
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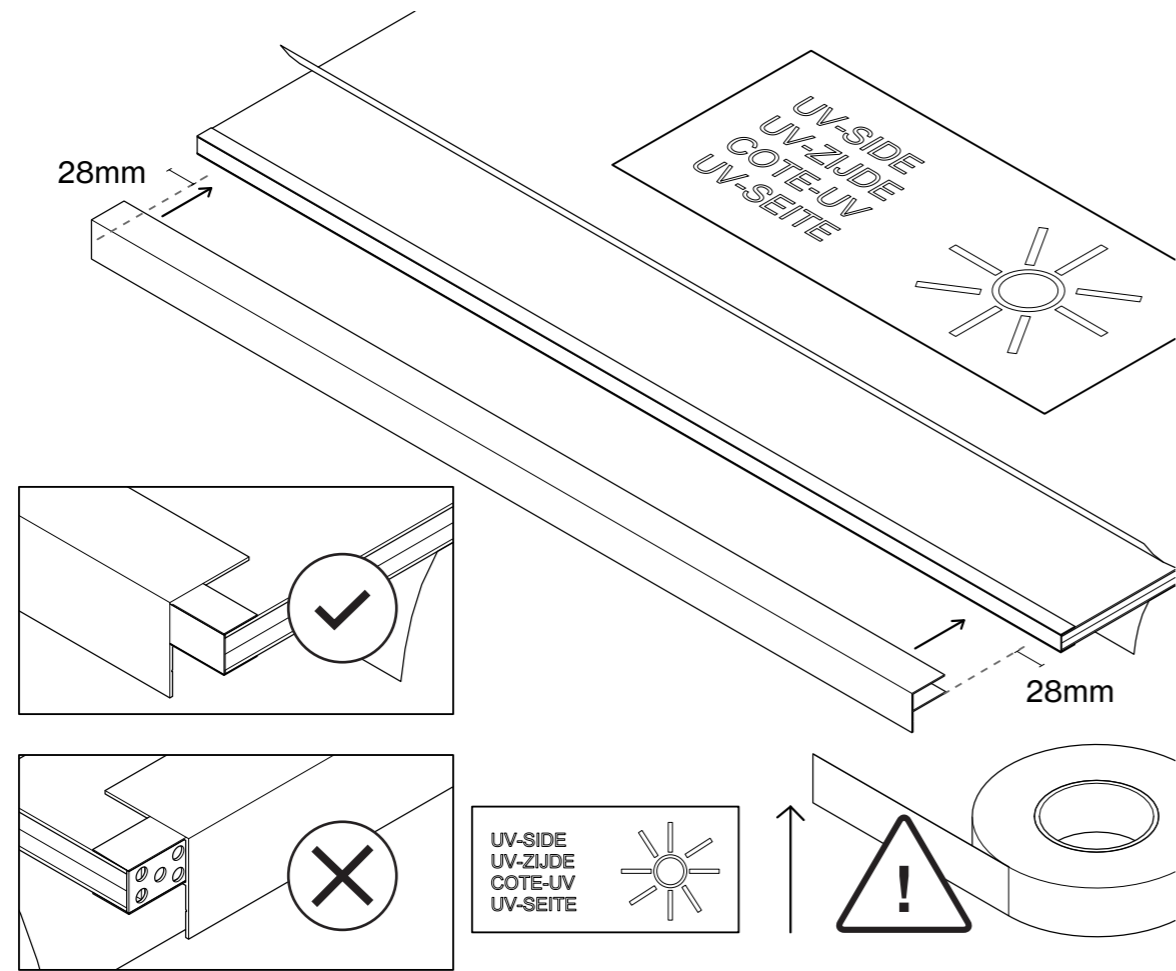
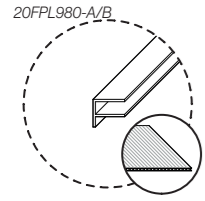
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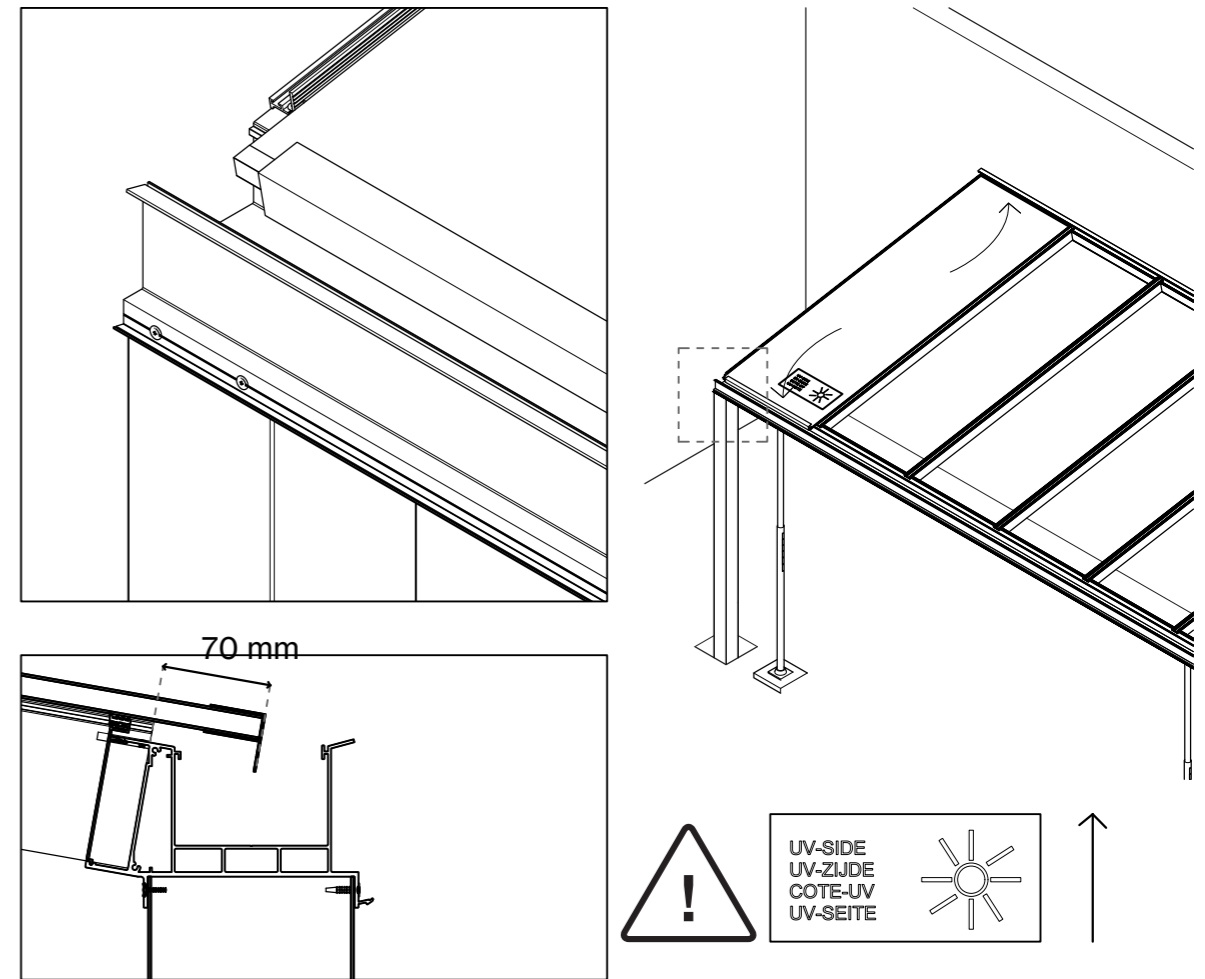
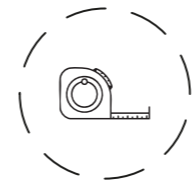
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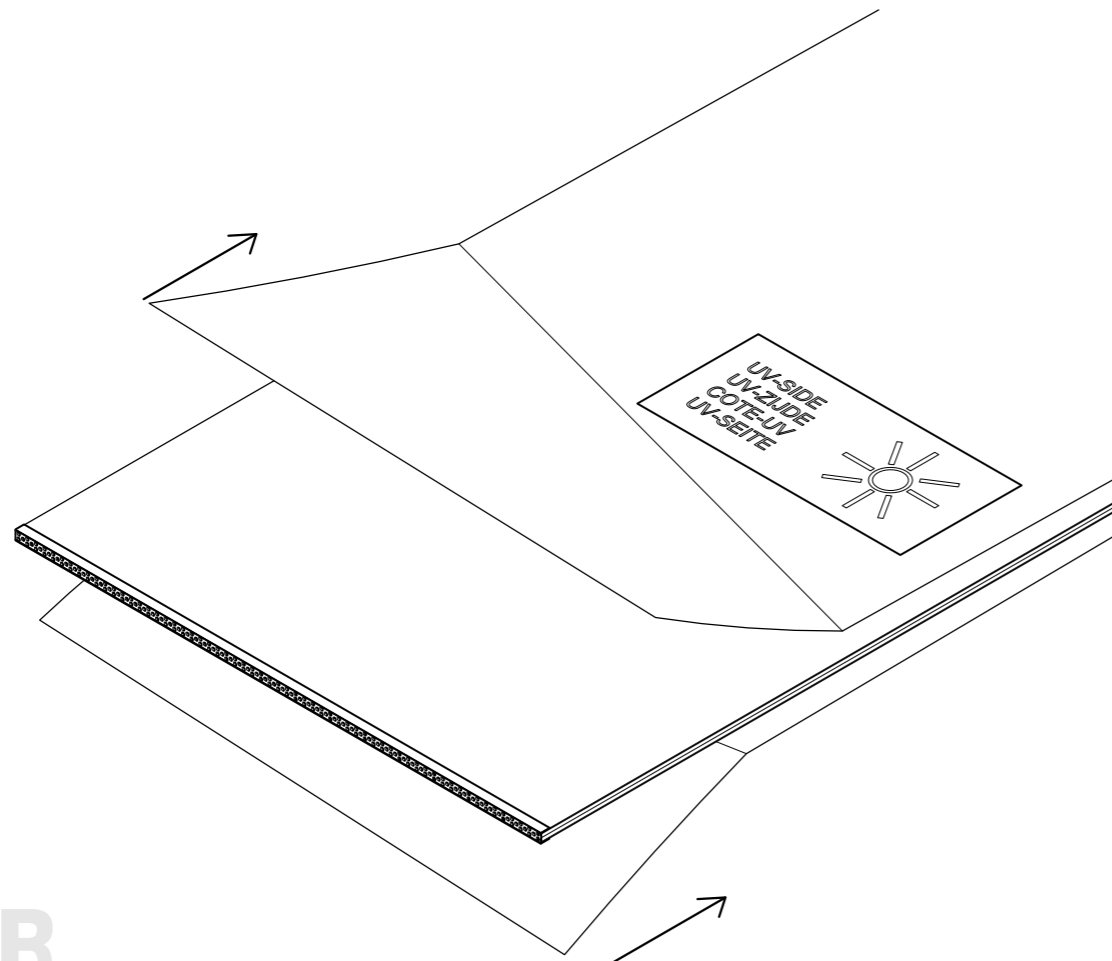
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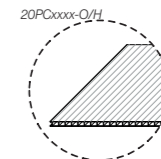
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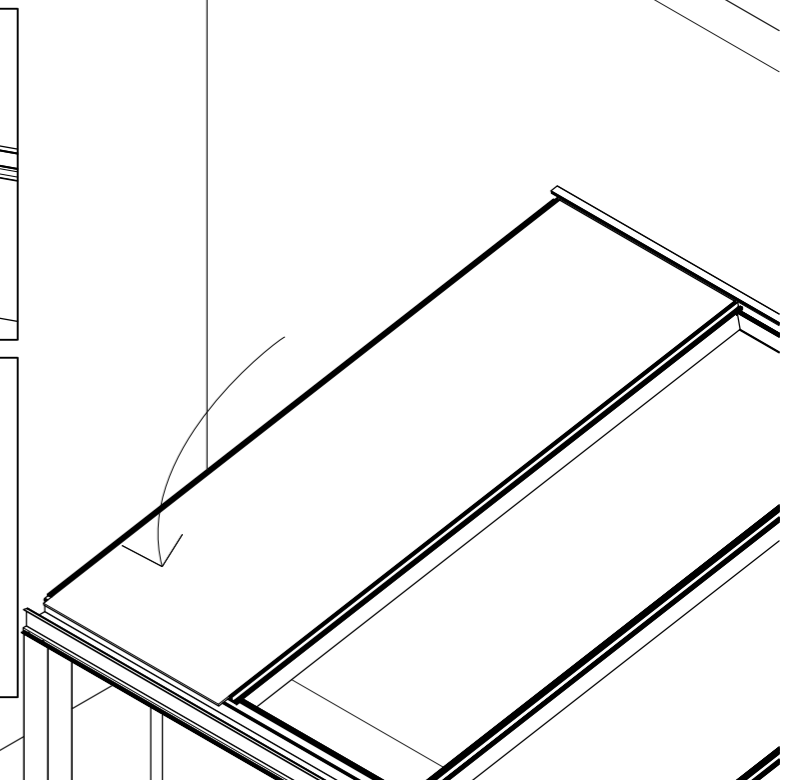
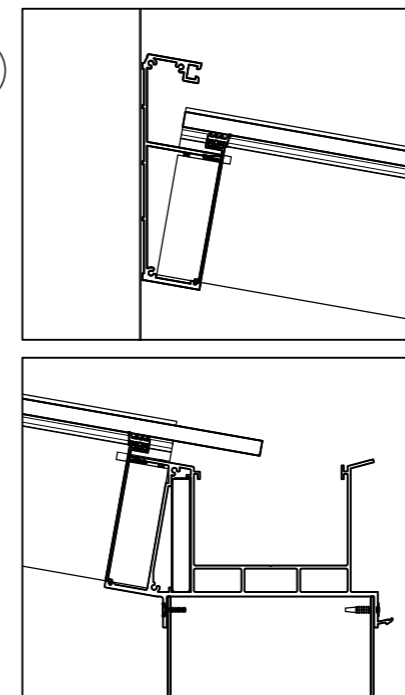
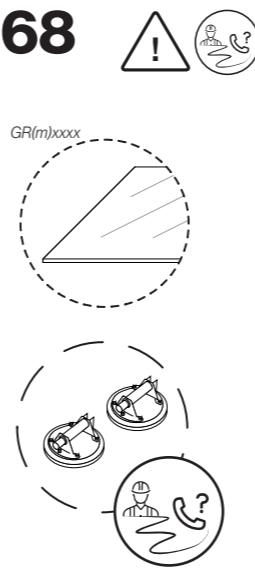


Glass > 67



Polycarbonat > 68

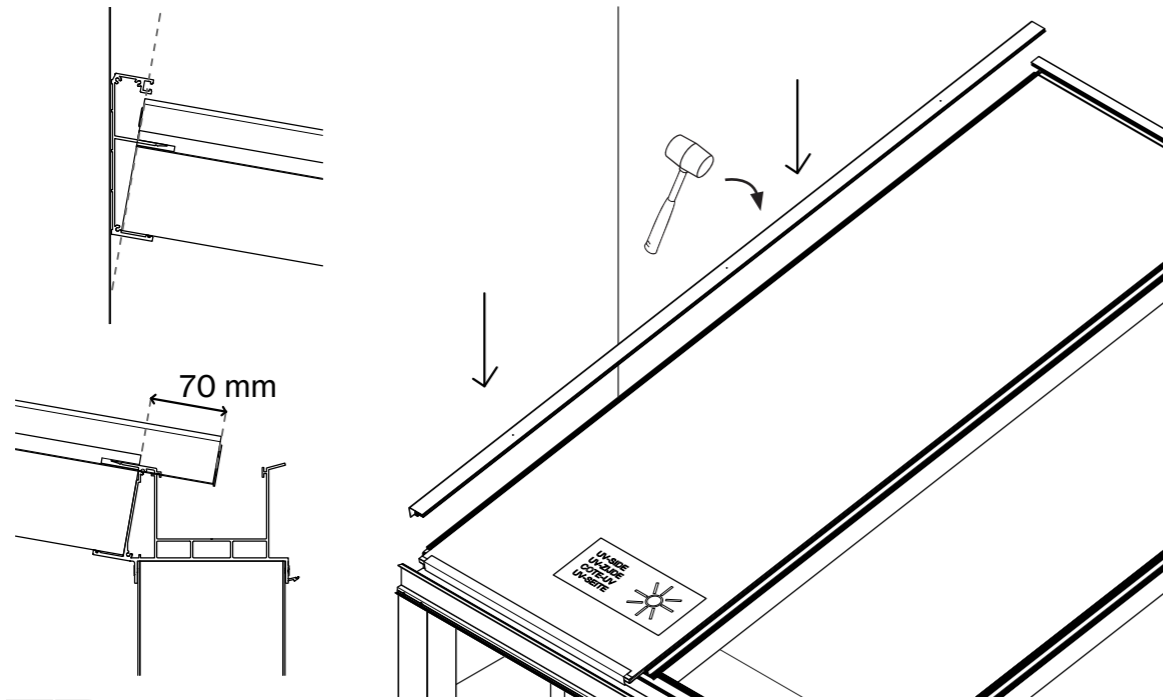
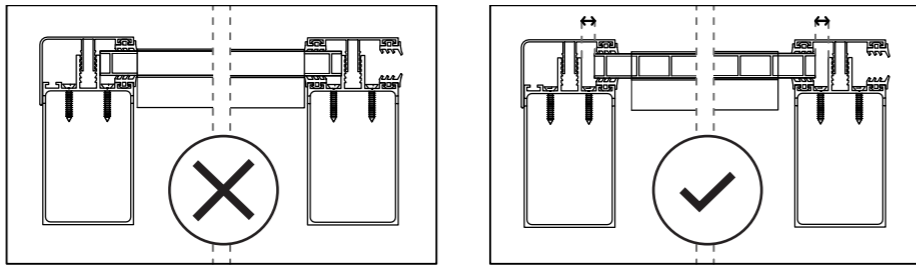
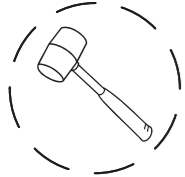
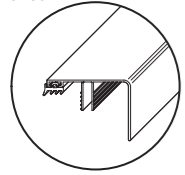
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BEGHLER

69 

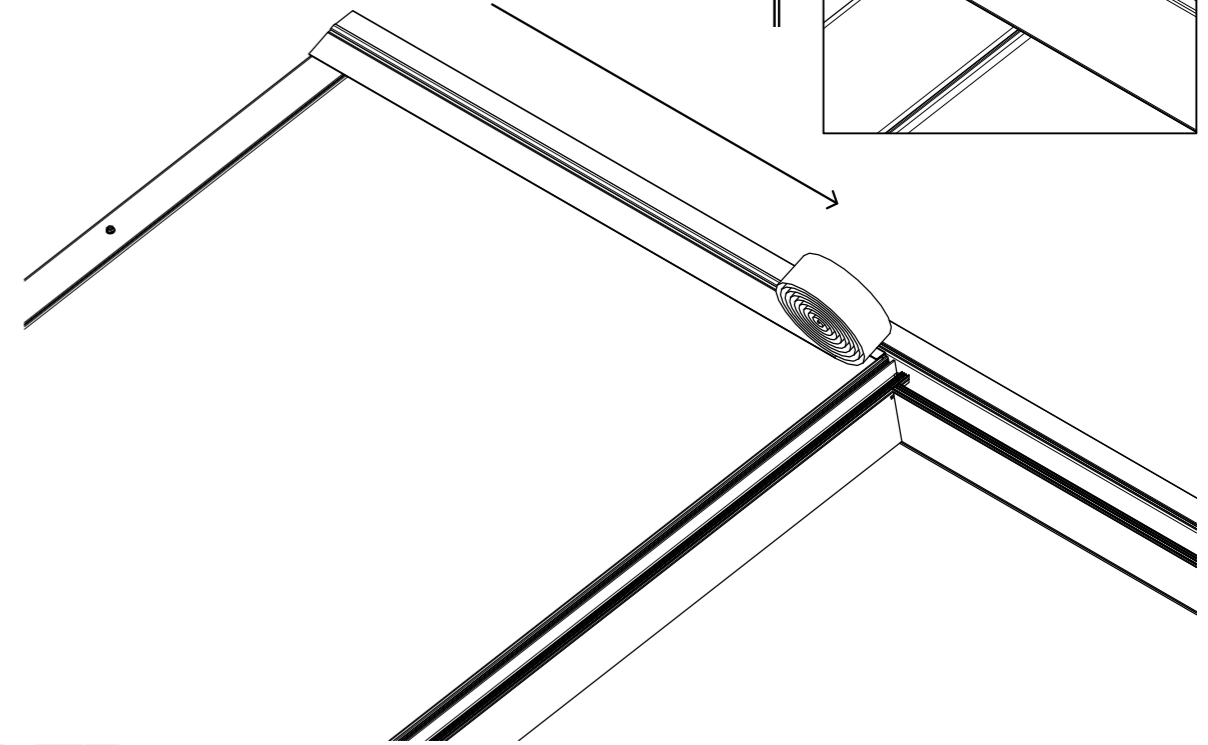
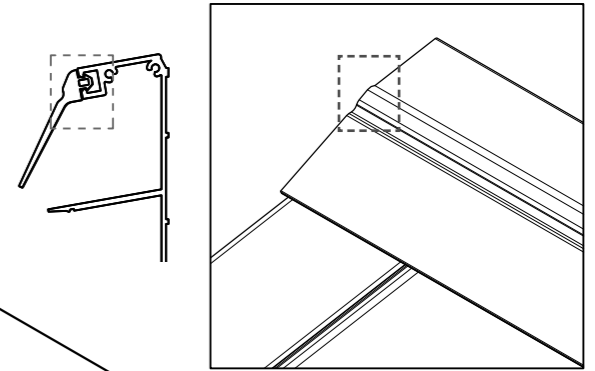
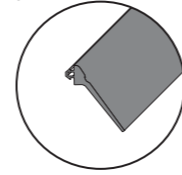
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71

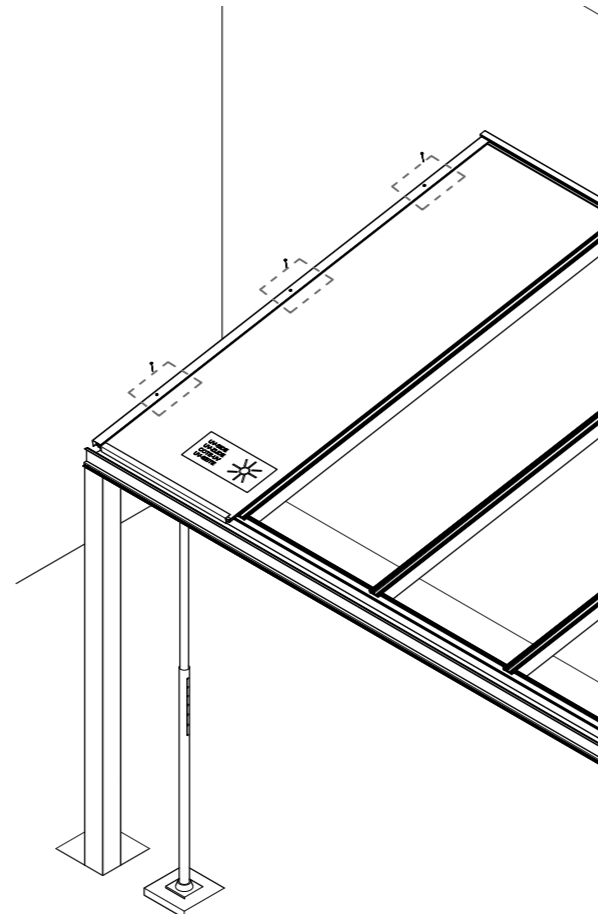
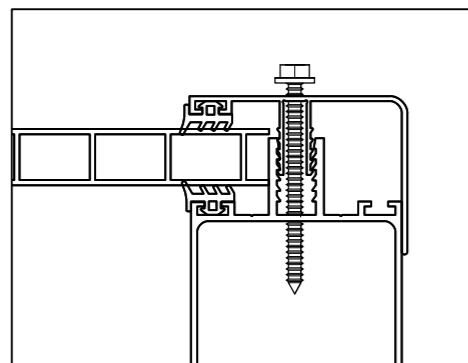
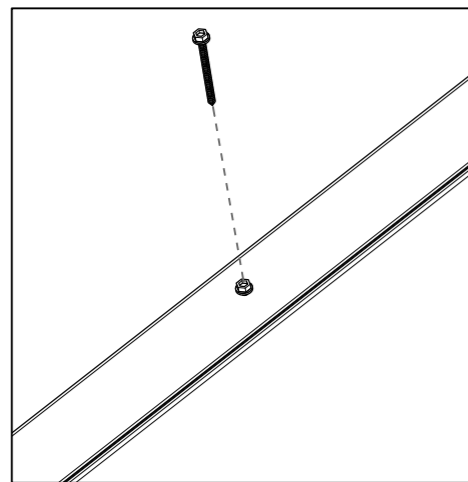
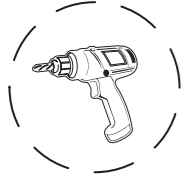
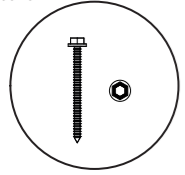
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BEGHLER

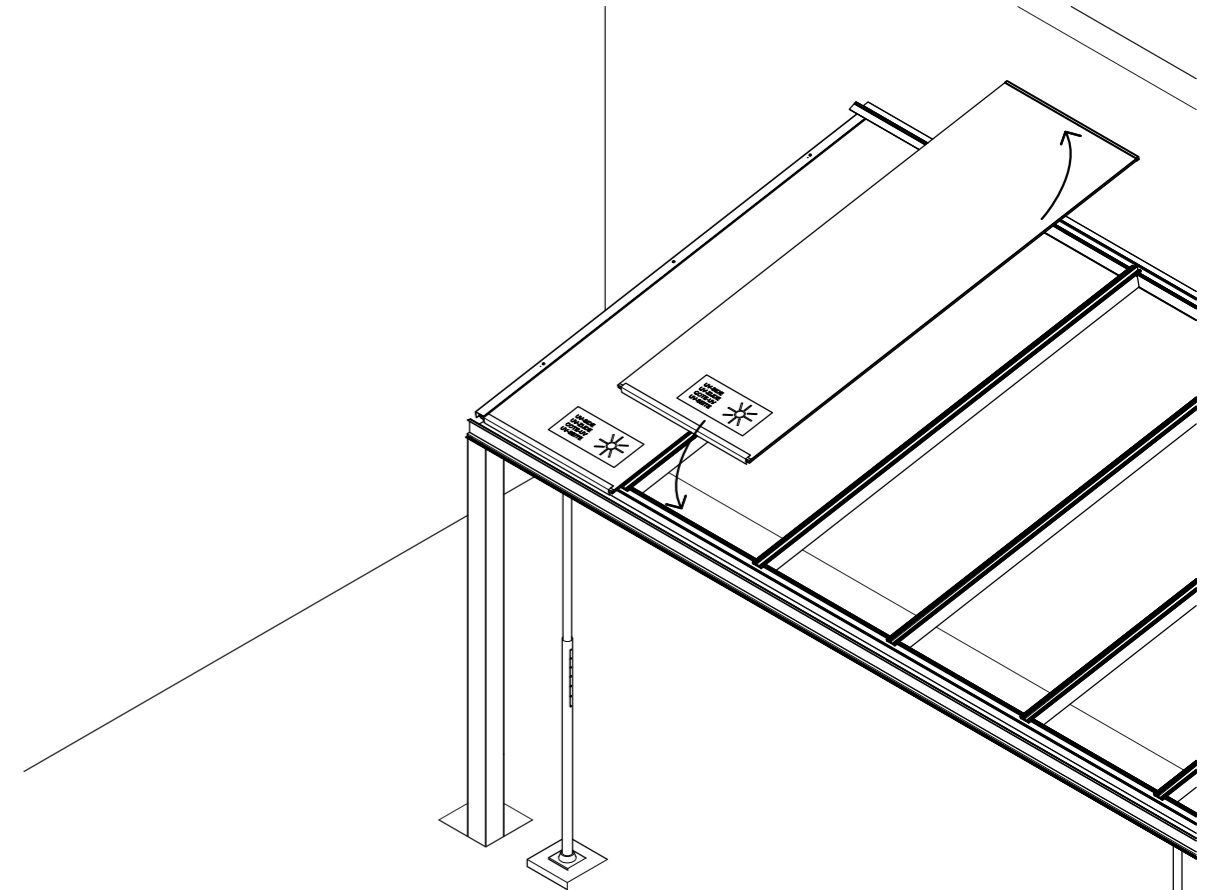
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99PS-A/B



BEGHLER

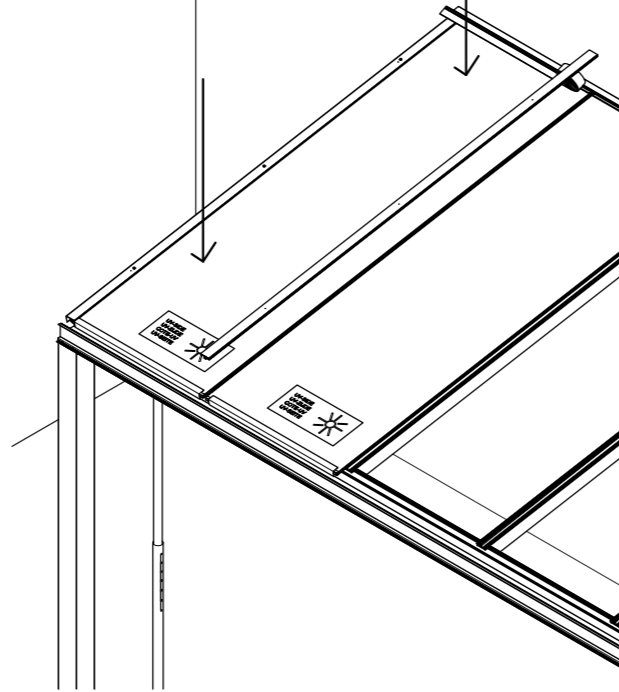
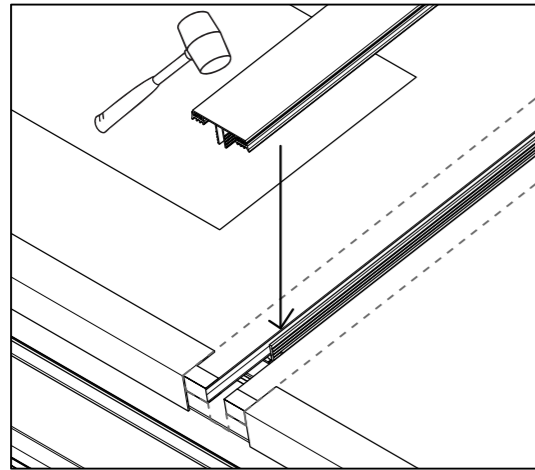
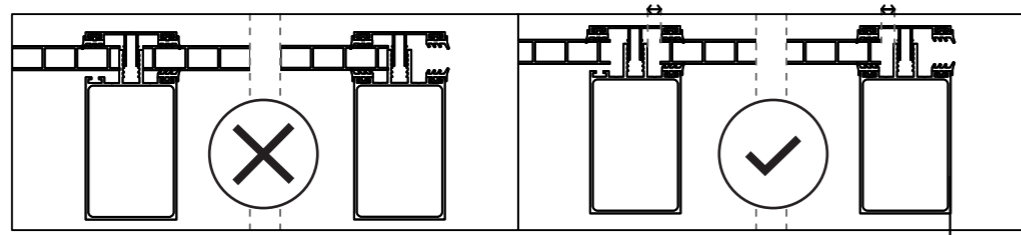
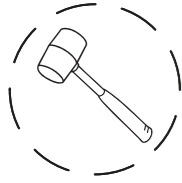
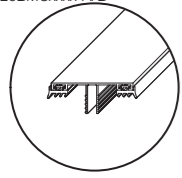
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BEGHLER

73

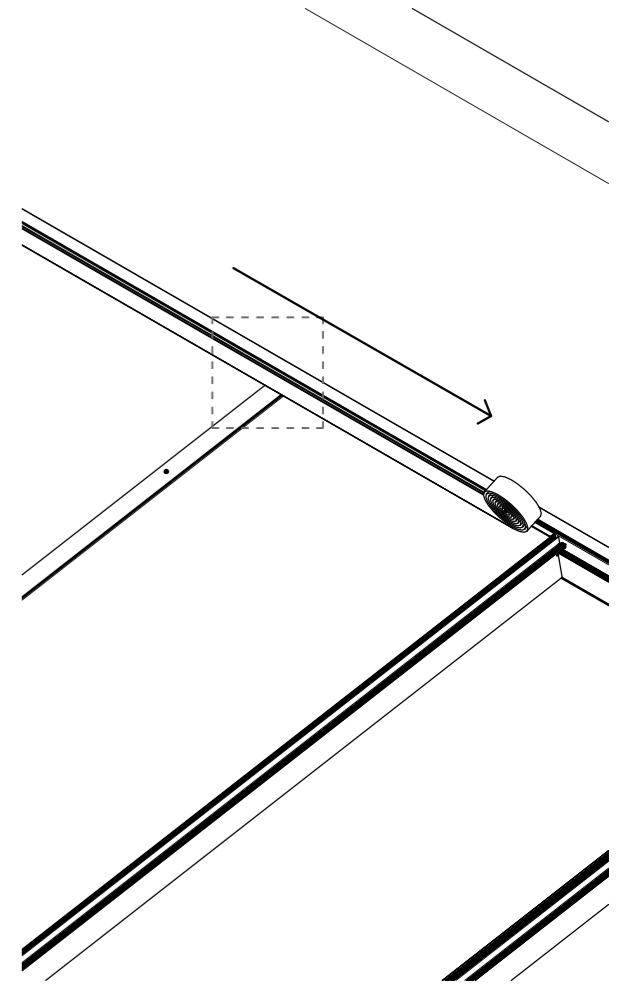
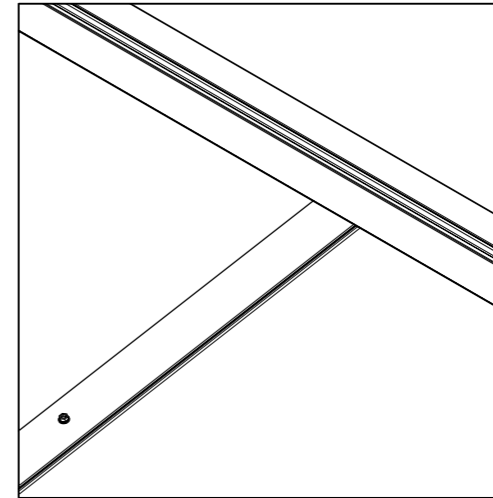
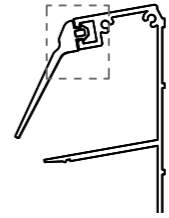
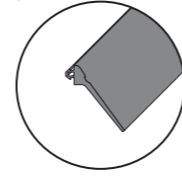
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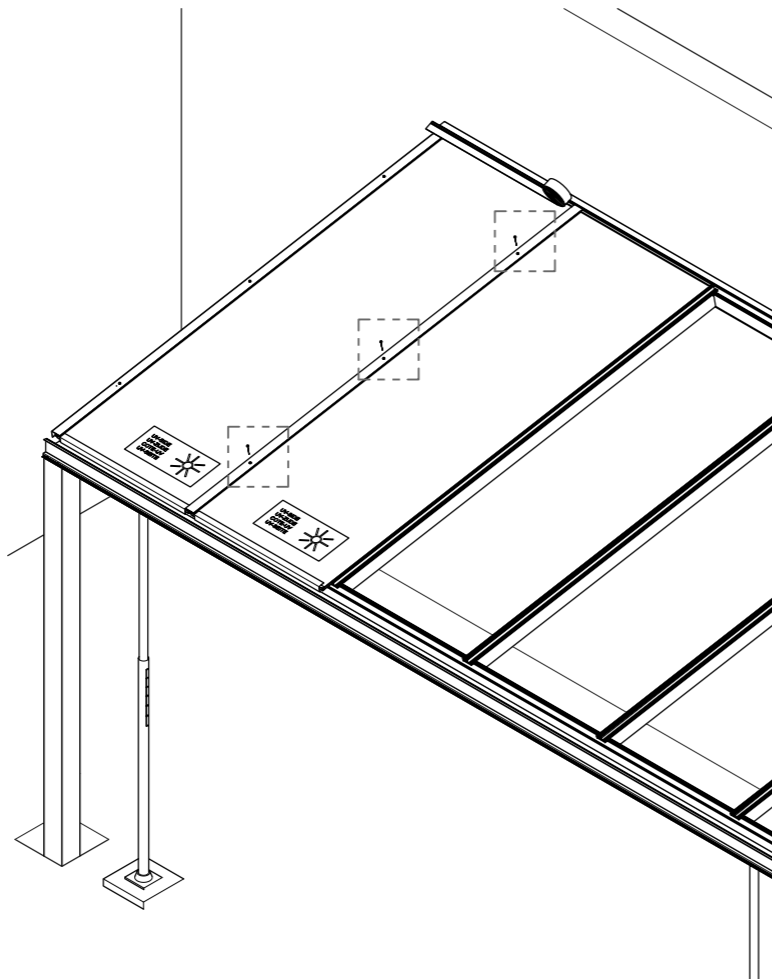
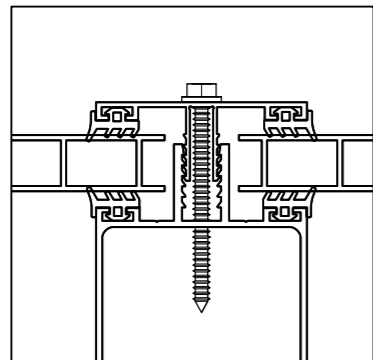
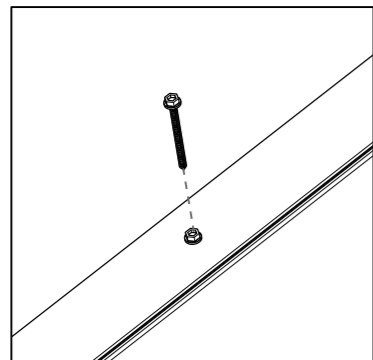
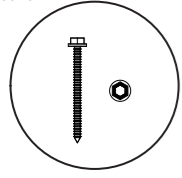
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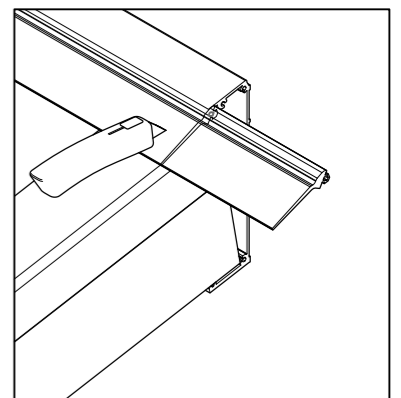
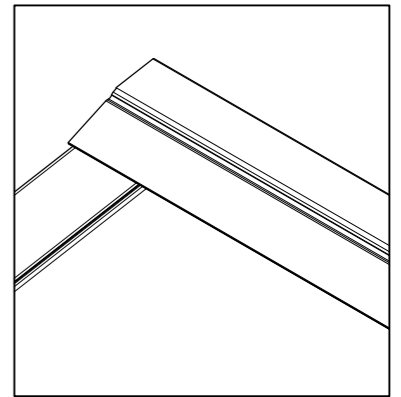
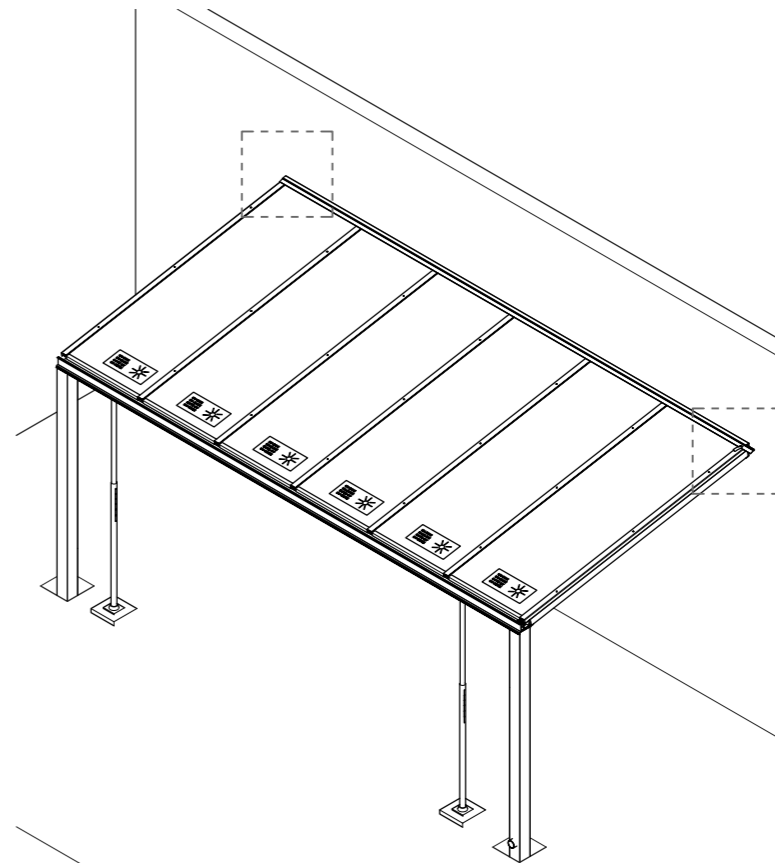
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99PS-A/B



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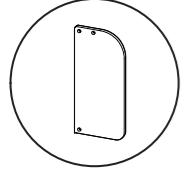
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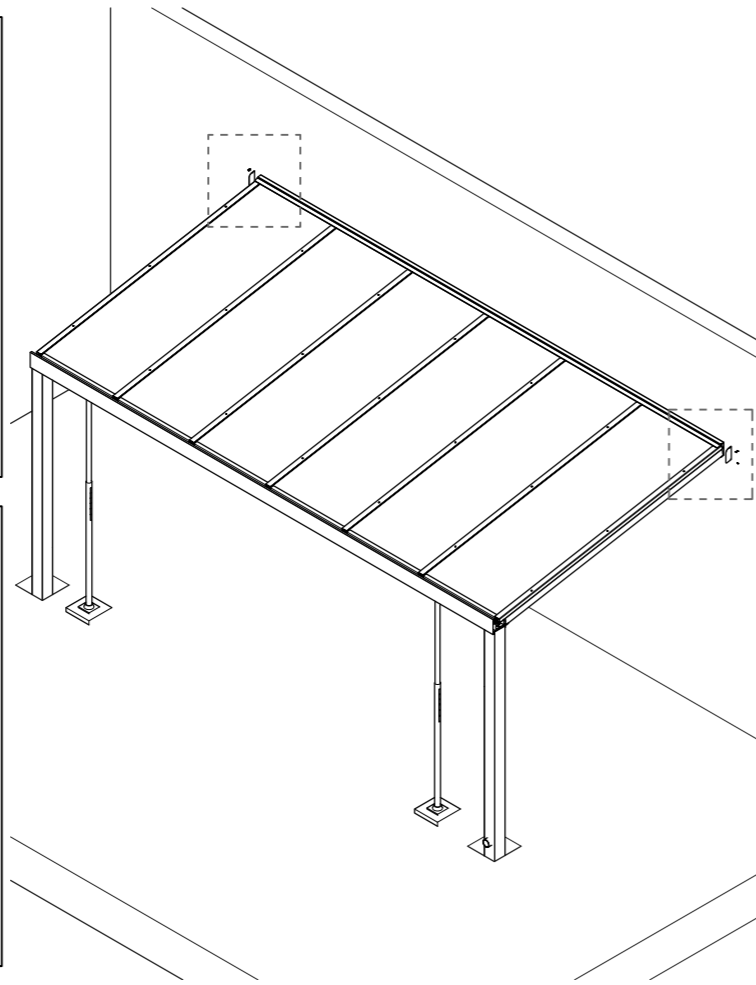
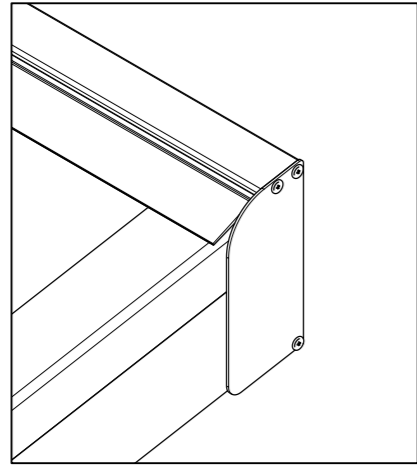
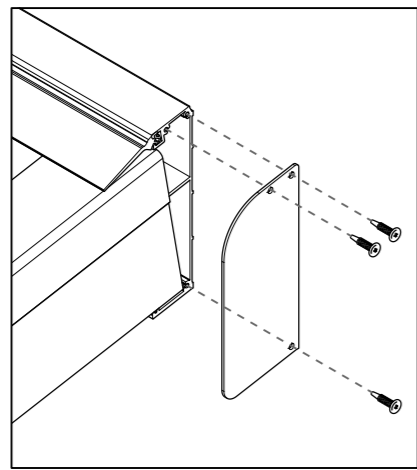
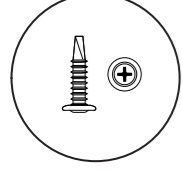
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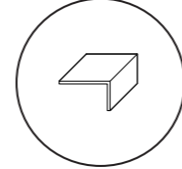
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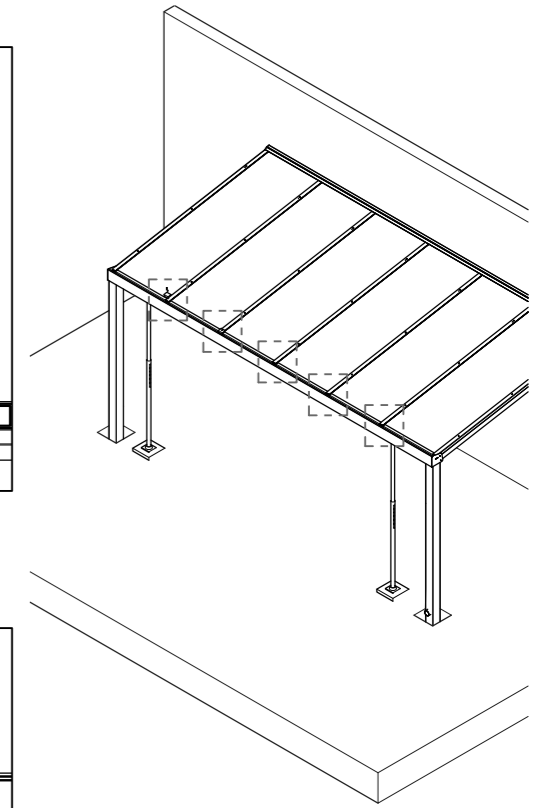
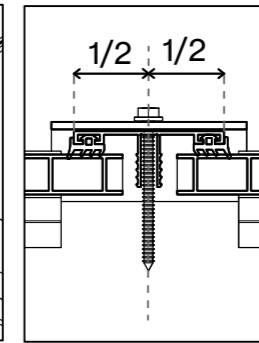
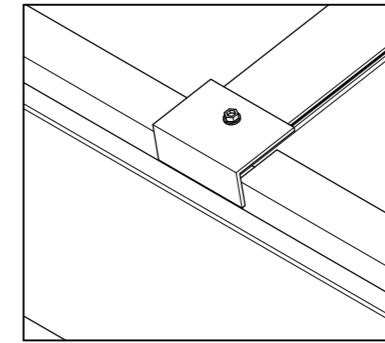
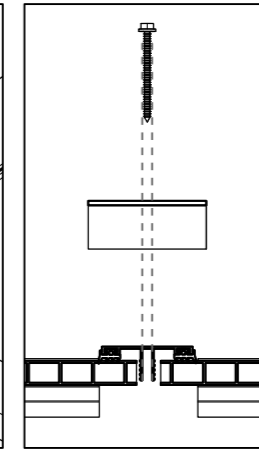
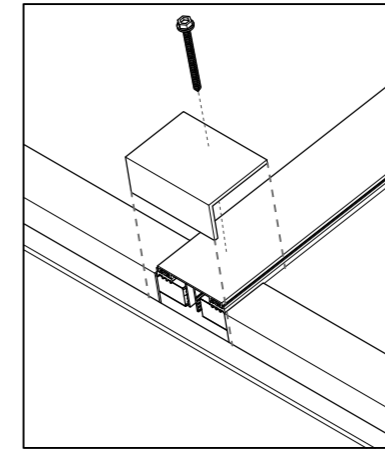
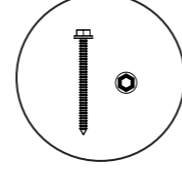
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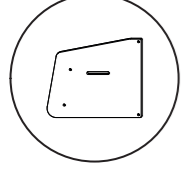
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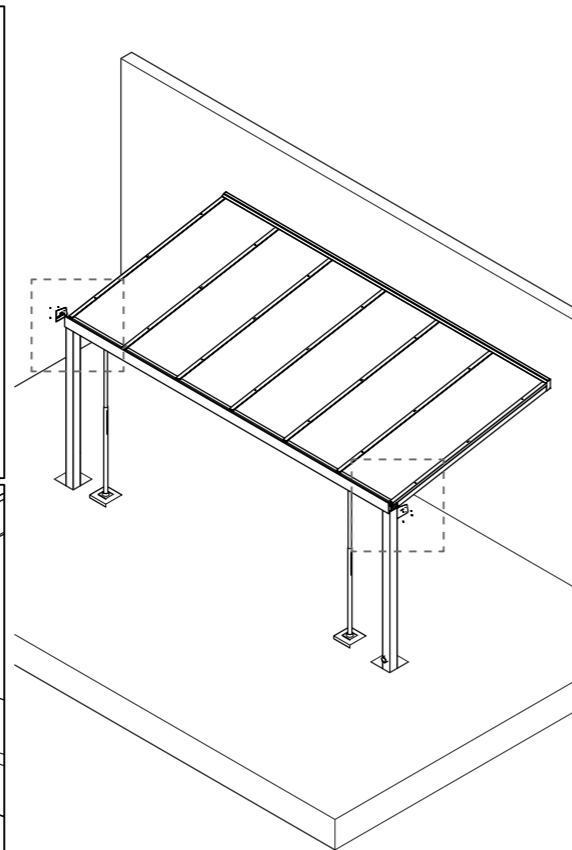
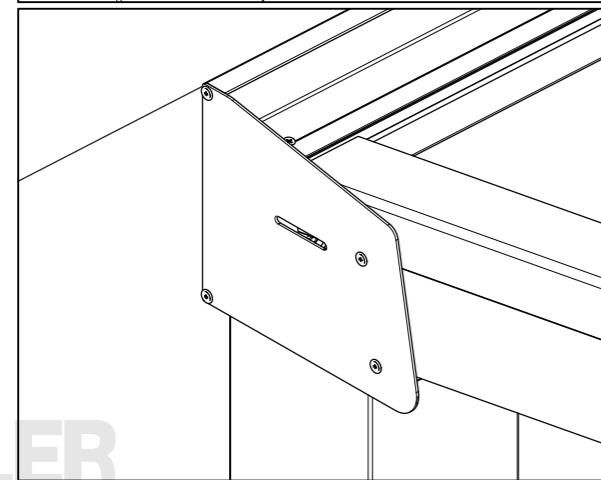
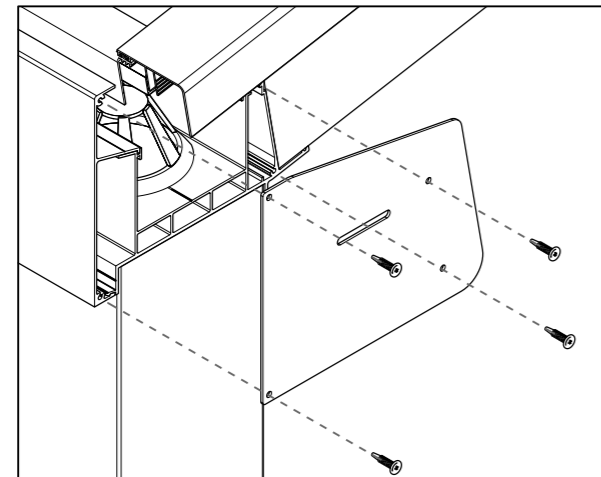
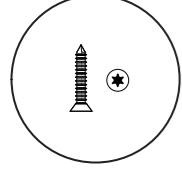
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78

20C(R/L)-A/B



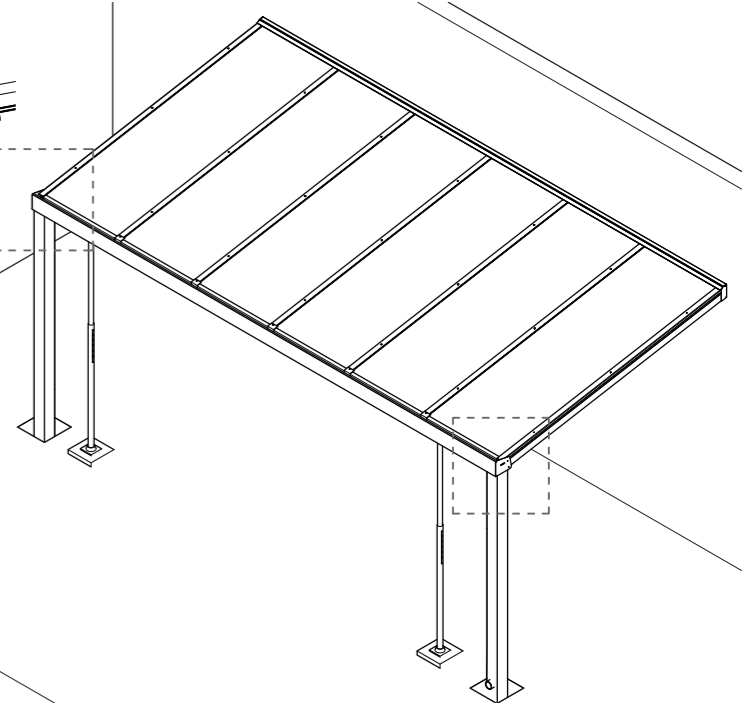
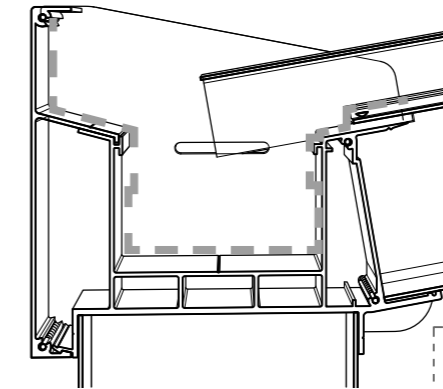
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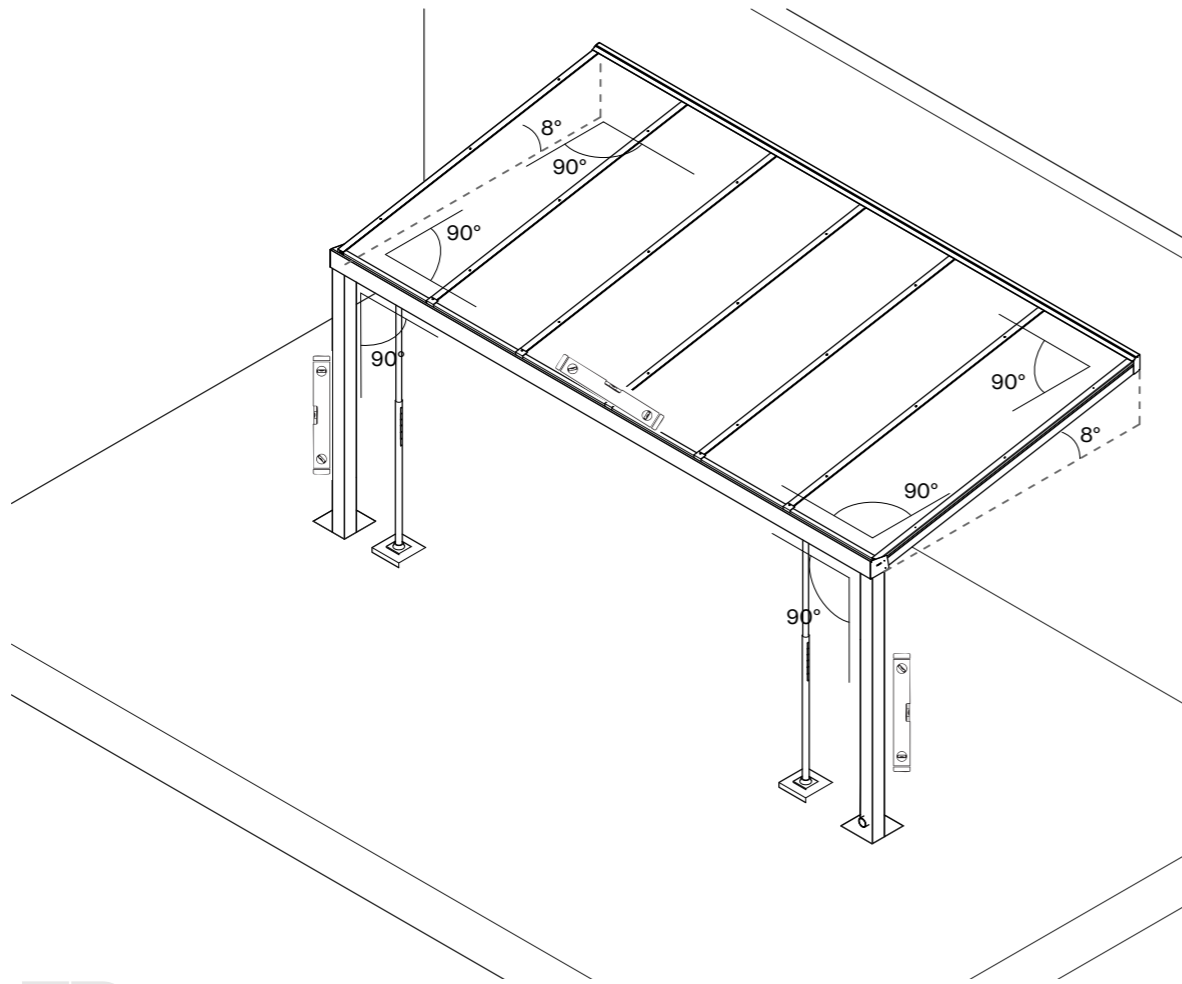
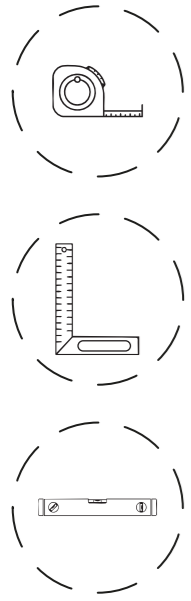
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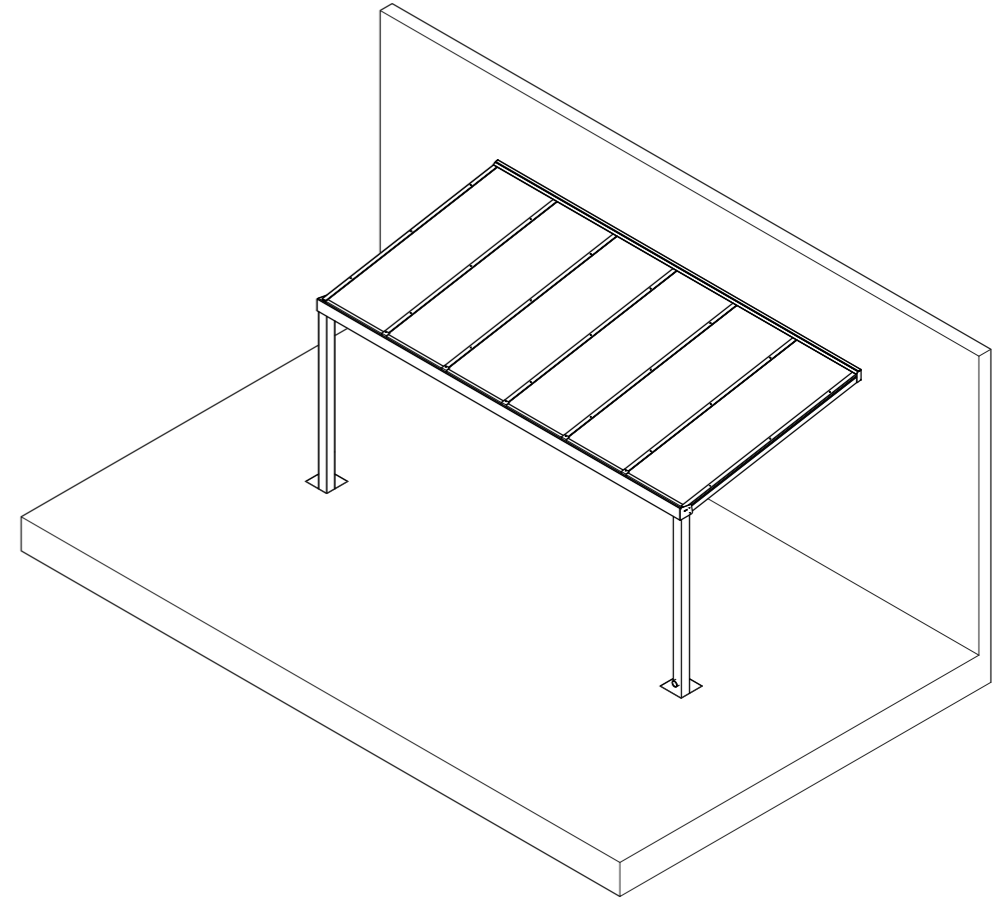
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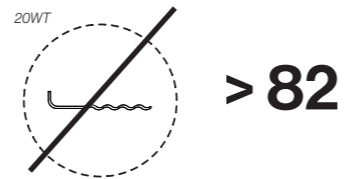
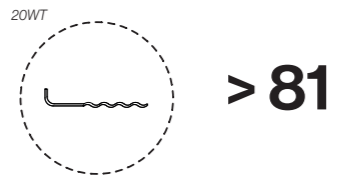
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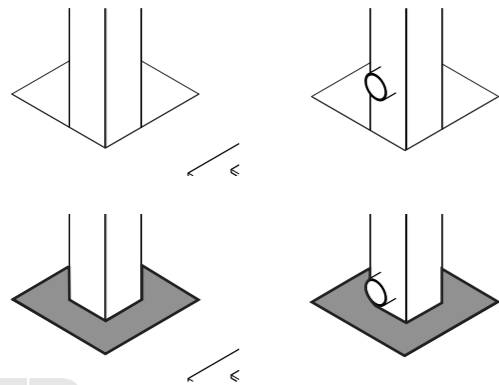
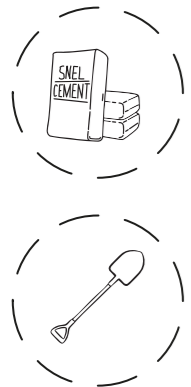
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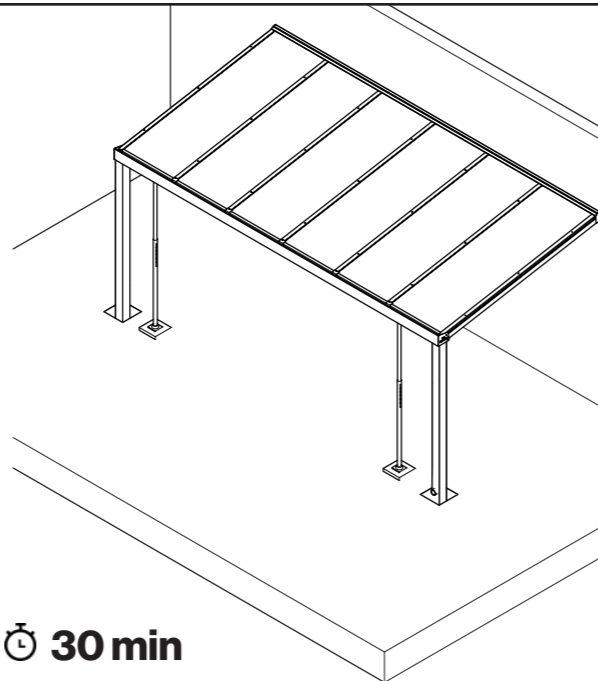
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🕒 30 min



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