



SUNPAL®

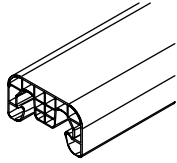
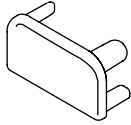
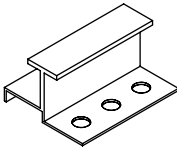
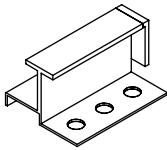
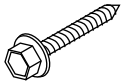
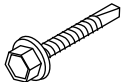
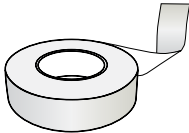
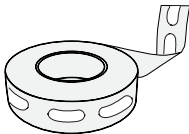
Multiwall Polycarbonate Standing Seam Architectural System

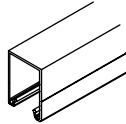
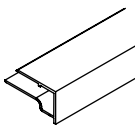
Installation Guide



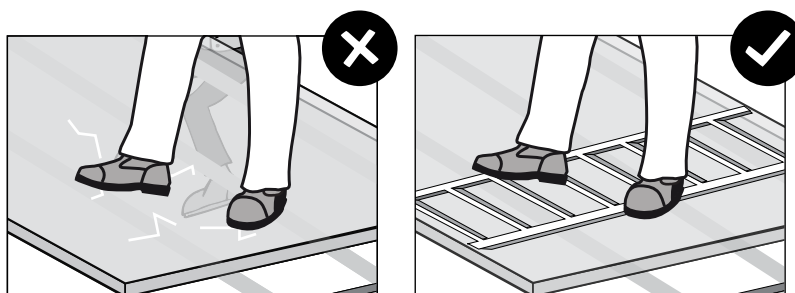
Build On.

System Components

Component		Drawing	Suppliance Data
Polycarbonate Joiner			Length: 12,000m
Polycarbonate Joiner End-cap			Quantity: Loose Colors: Clear
T-Fastener	10mm 18mm		Quantity: Loose Sizes: 10mm, 18mm Finish: Stainless steel
T-Lock	10mm 18mm		Quantity: Loose Sizes: 10mm, 18mm Finish: Stainless steel
Wood Screw Galvanized Hex-head tapping screw 4.8x25mm (1")			Quantity: 50/bags
Metal Screw Galvanized Hex-head self-drilling screw 4.8x19mm (3/4")			Quantity: 50/bags
Blocking (Solid) Tape	10mm 18mm		Quantity: 50m / Roll
Breather (Ventilated) Tape	10mm 18mm		Quantity: 33m / Roll

Component		Drawing	Suppliance Data
Aluminum Joiner * For vertical application please consult your local palram distributor.			Length: 7m Finish: Anodized
End-Cap for Aluminum Joiner			Finish: Mill/Anodised
Aluminum Sealing Strip	10mm 18mm		Length: 6m Finish: Anodised
Aluminum F-Profile	10mm 18mm		Length: 6m Finish: Anodised

Safety comes first

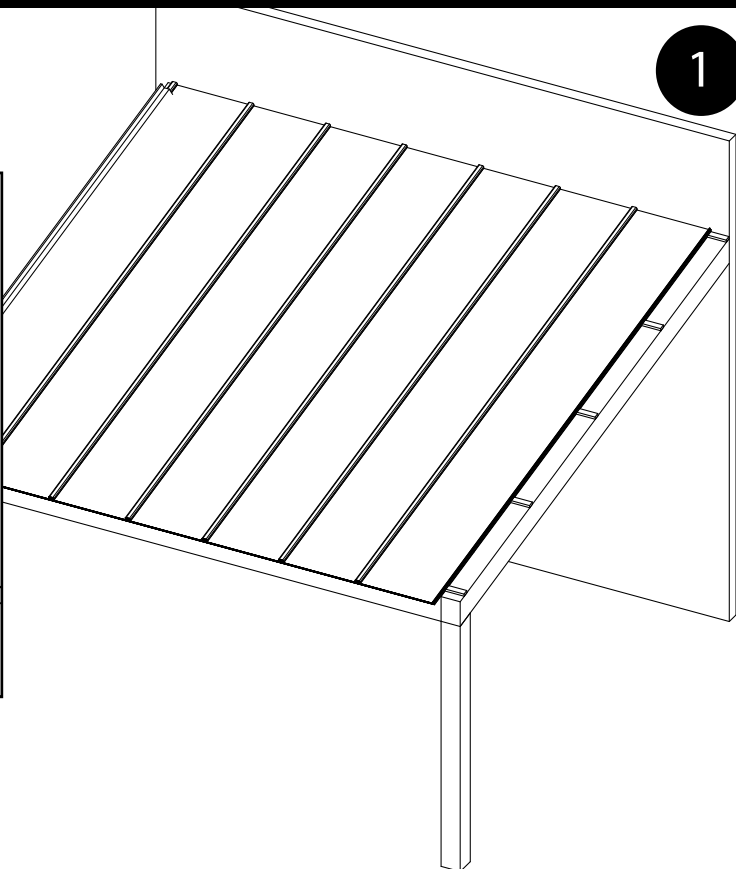
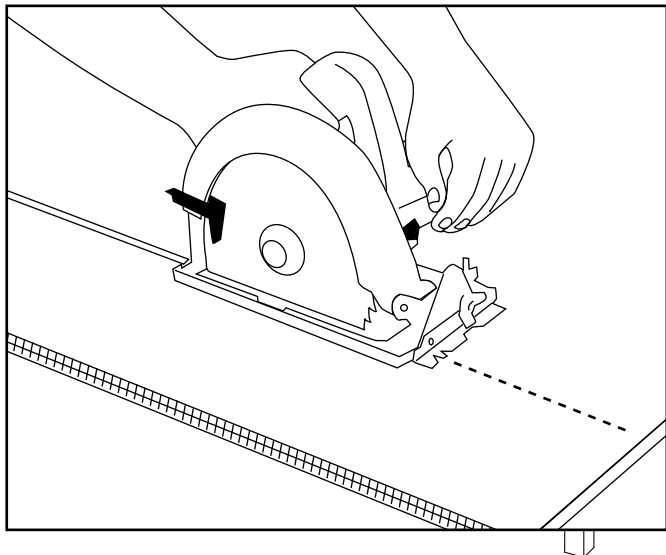


Do not step directly on the sheets between the purlins!
 When installing SUNPAL or doing maintenance work, always consider the sheet to be unfit to support a person's weight. Always use stepping ladders or crawling boards, supported by minimum three roof structural elements, when working on a glazed roof of any kind.

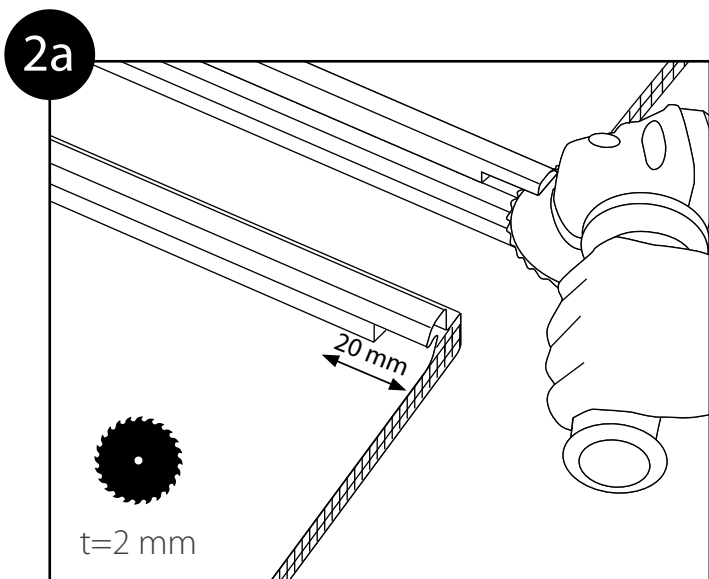


Pre-SUNPAL installation - Preparation of SUNPAL panels before installation

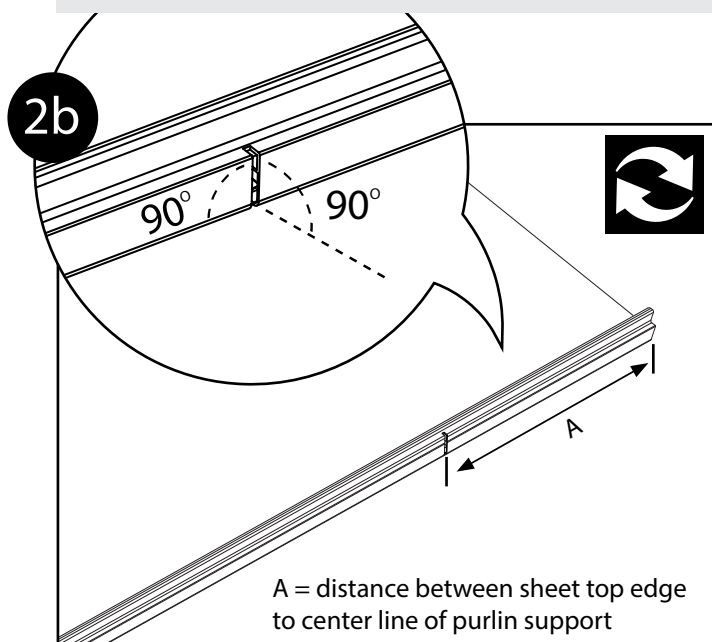
1. Cut to Size - Sheet Length



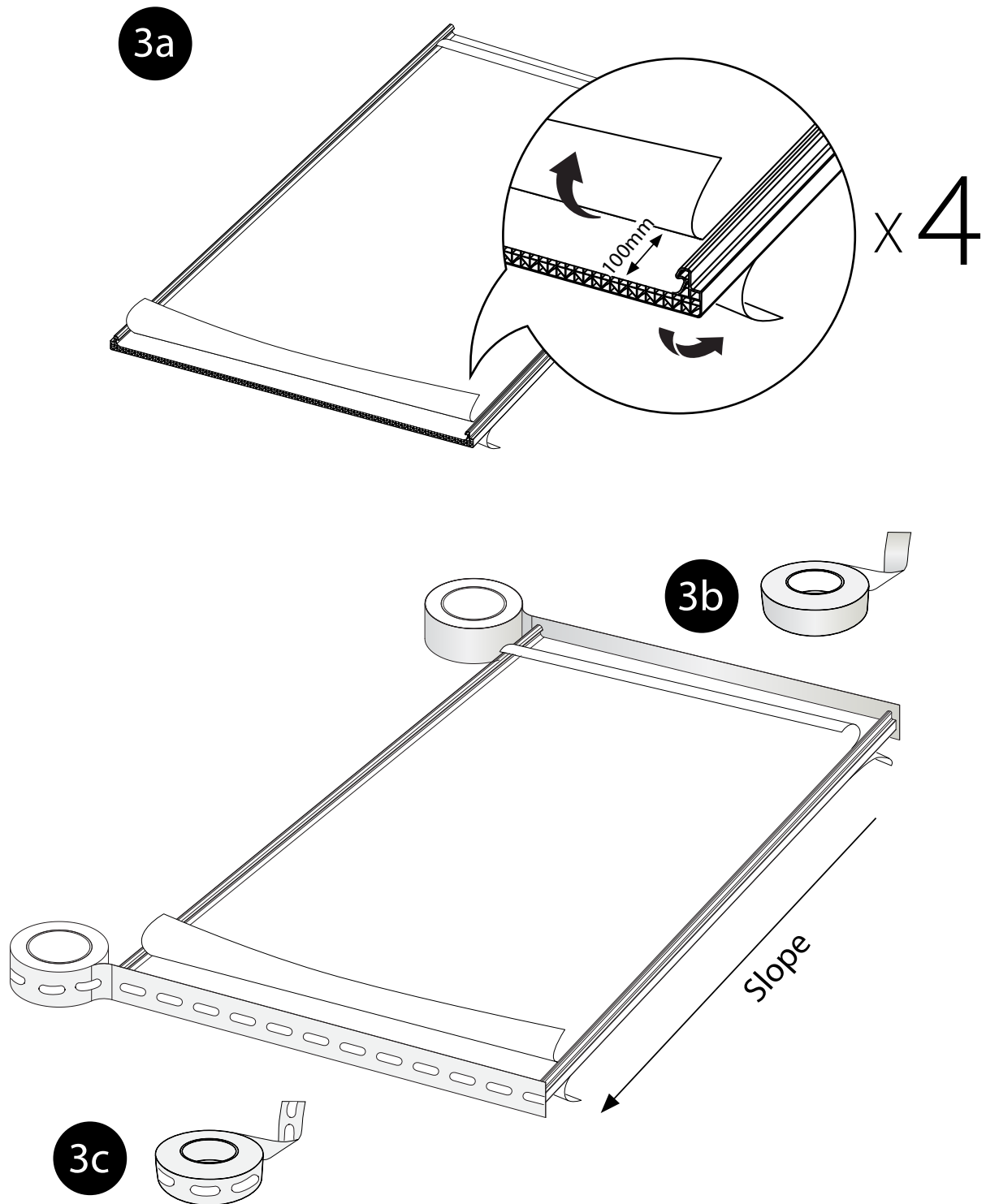
2a . Slit for AL Sealing Strip on bottom and top edge



2b . Slit for T-Stoppers



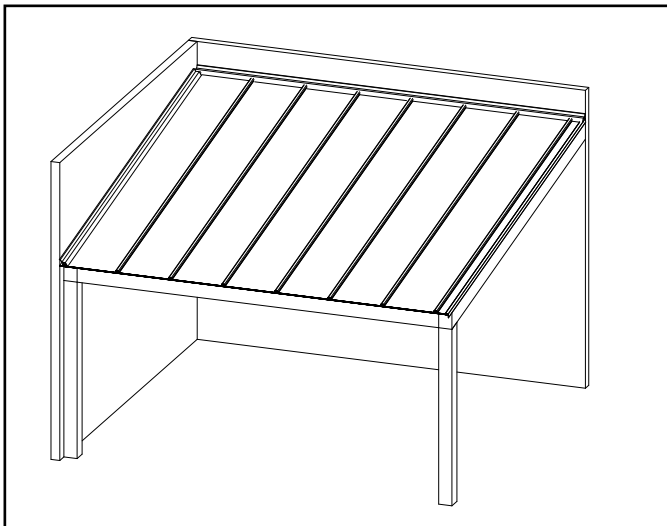
3. Recommended Seal with Breather and Blocking Tapes



Installation Type



Back & Side wall



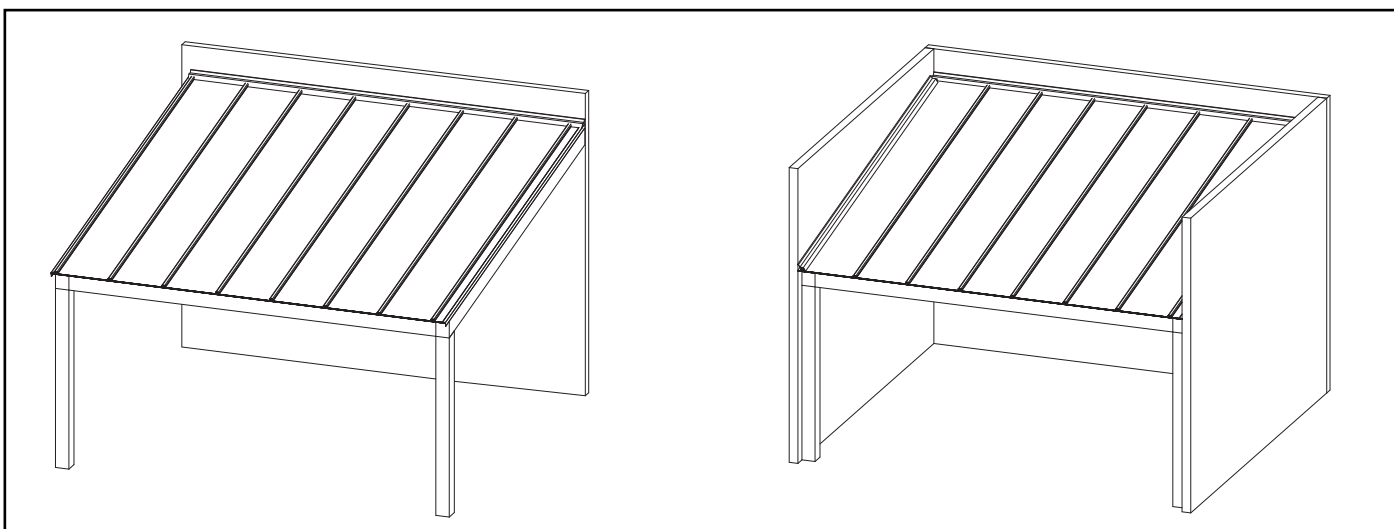
Go to Installation Sequence
Page No. 7



Back wall



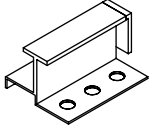
All three sides



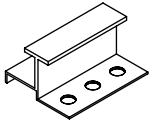
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Back & Side wall



T-Lock



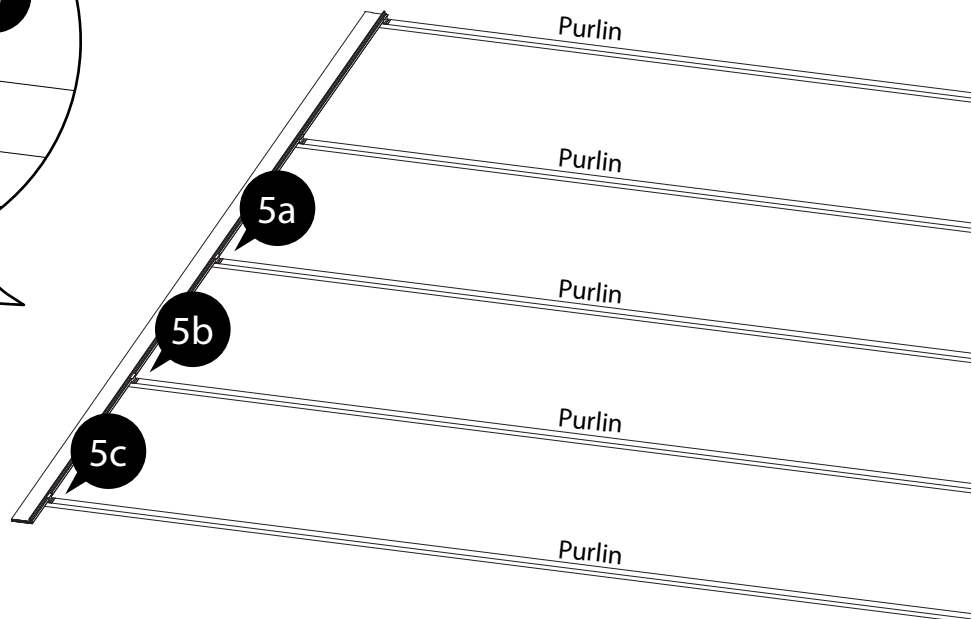
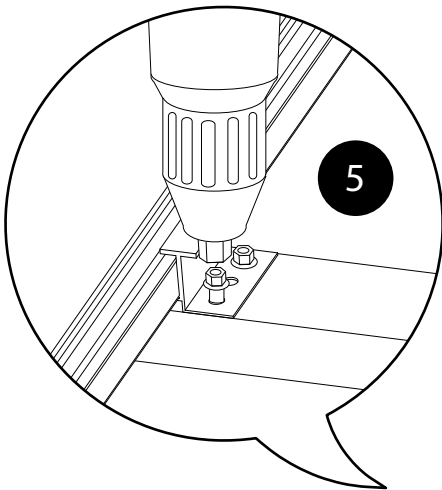
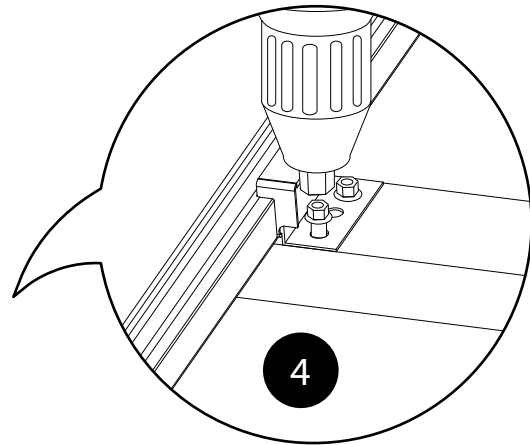
T-Fastener



Wood Screw

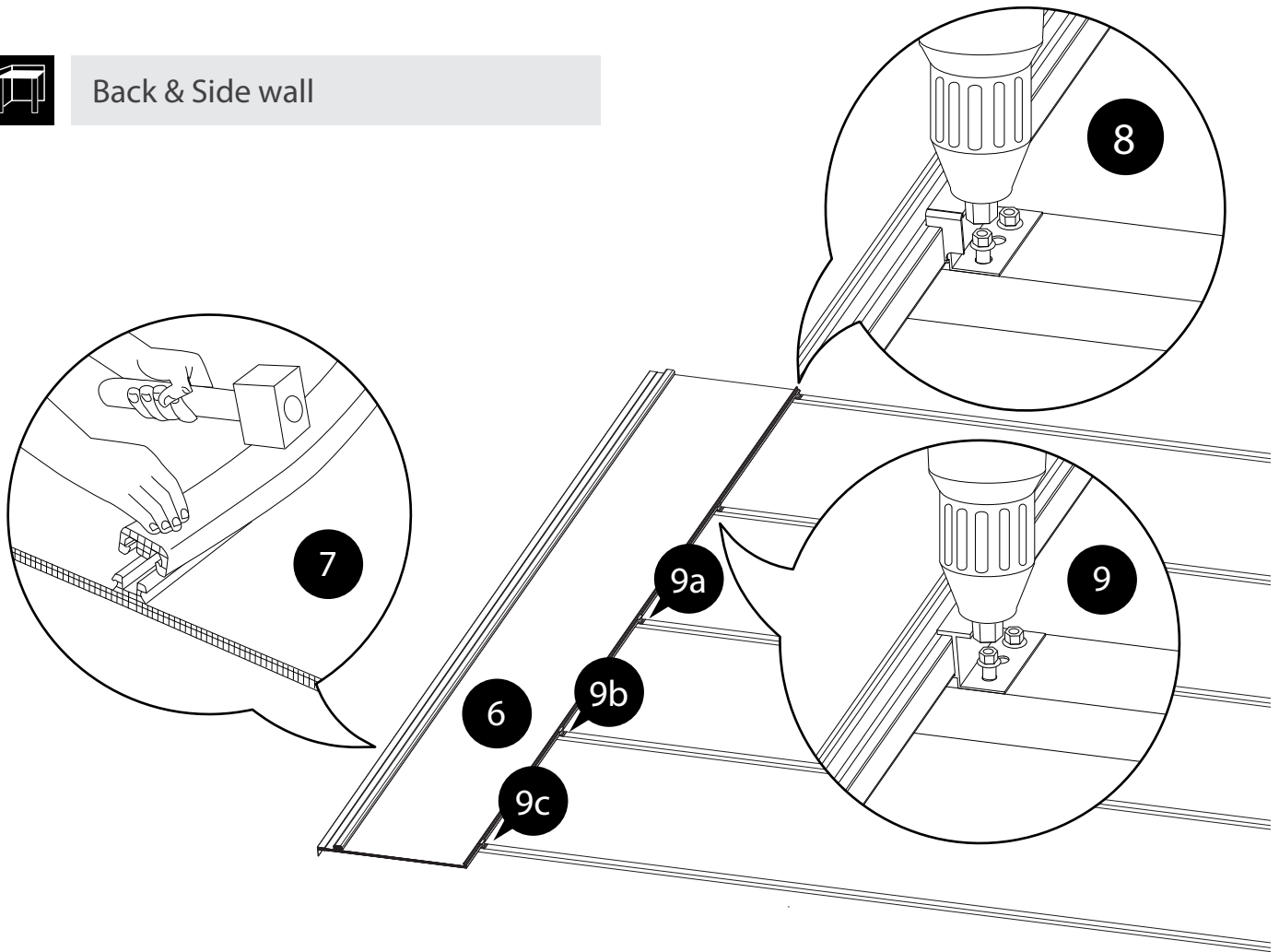


Metal Screw

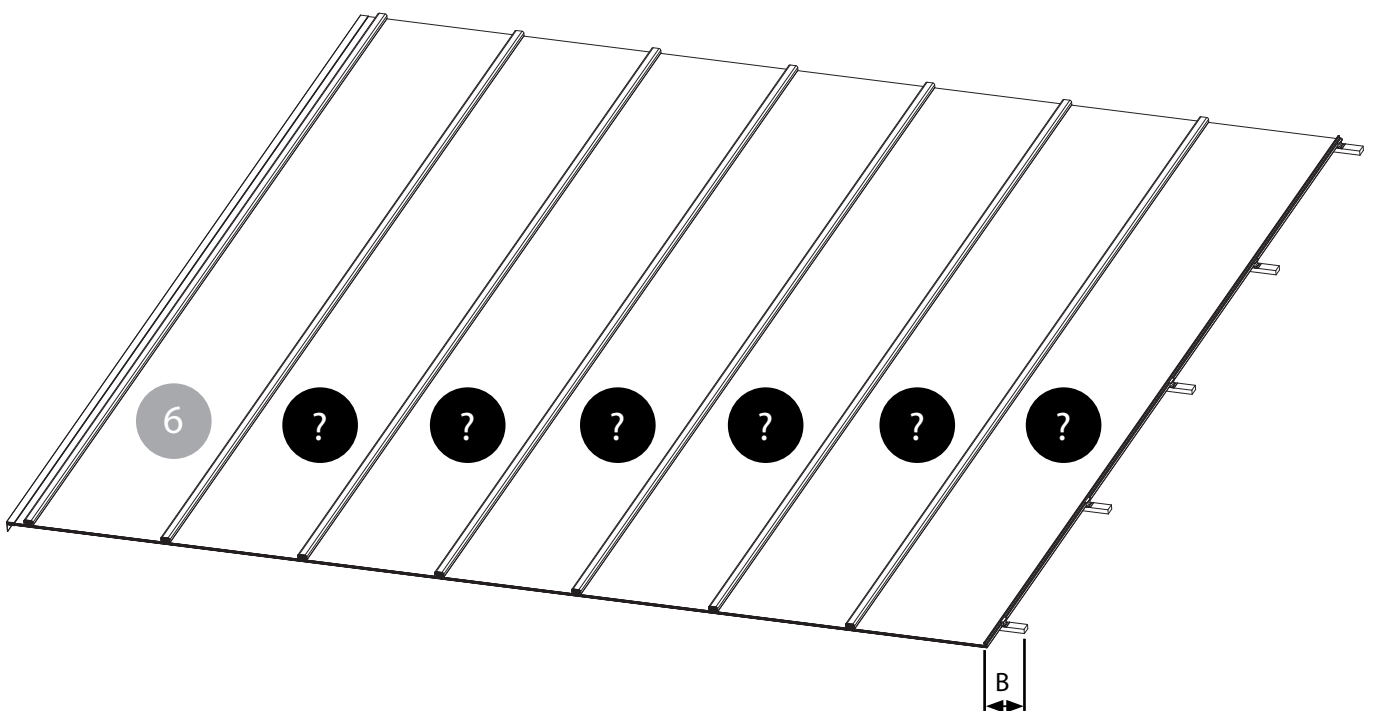




Back & Side wall

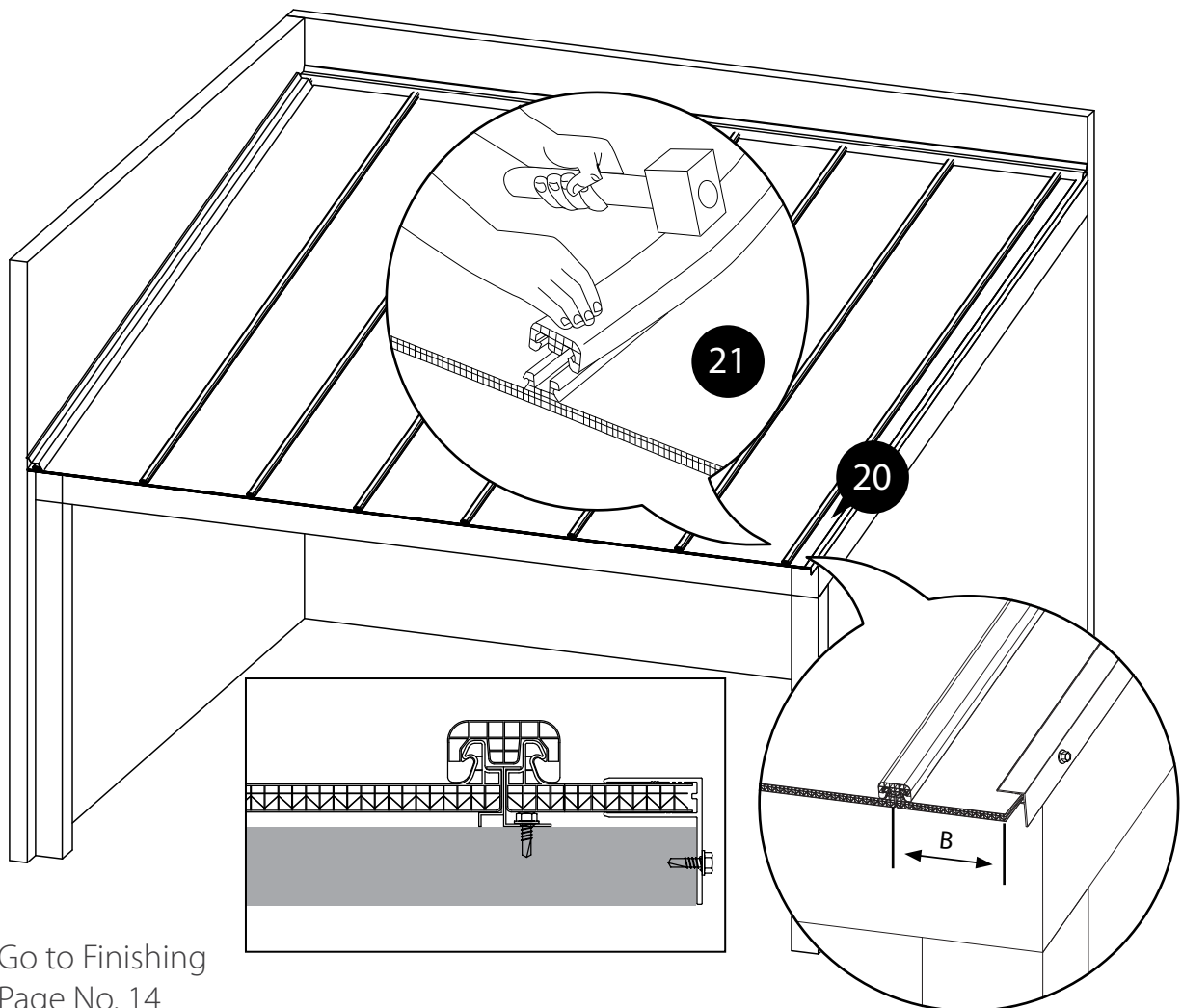
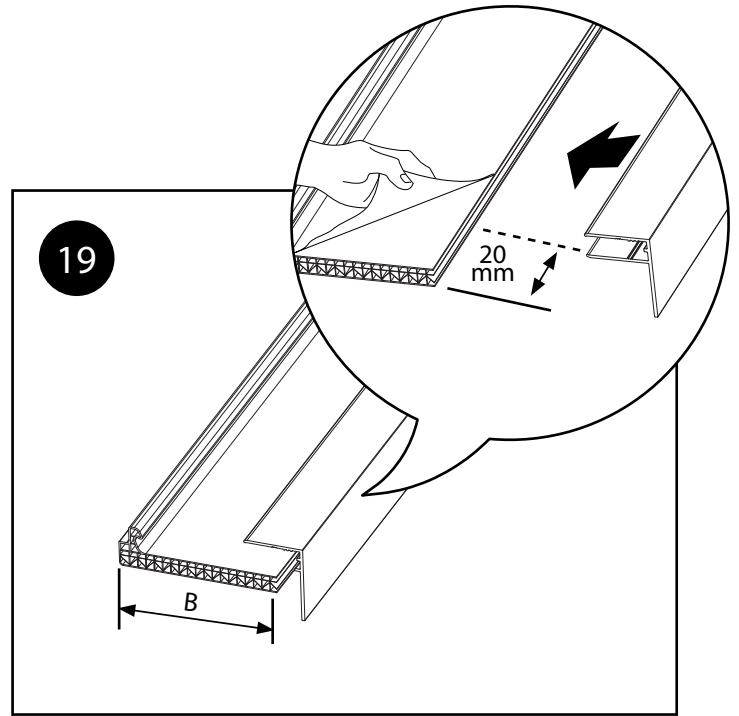
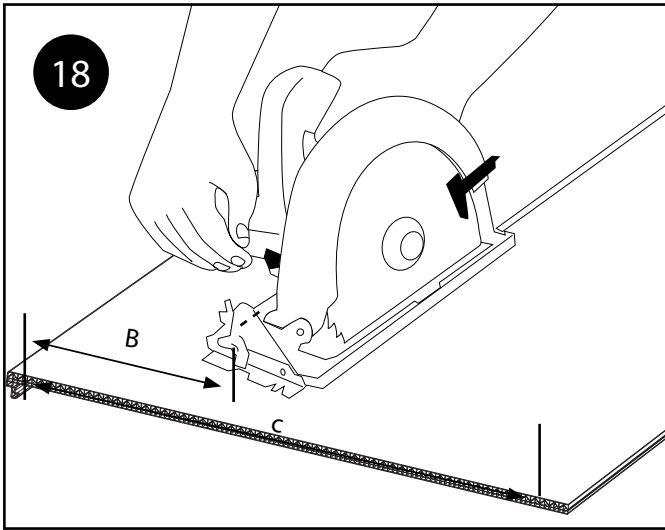


Repeat stages 8-11d



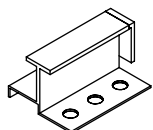


Back & Side wall

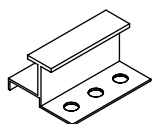


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Sheet Installation Sequence



T-Lock



T-Fastener



Wood Screw



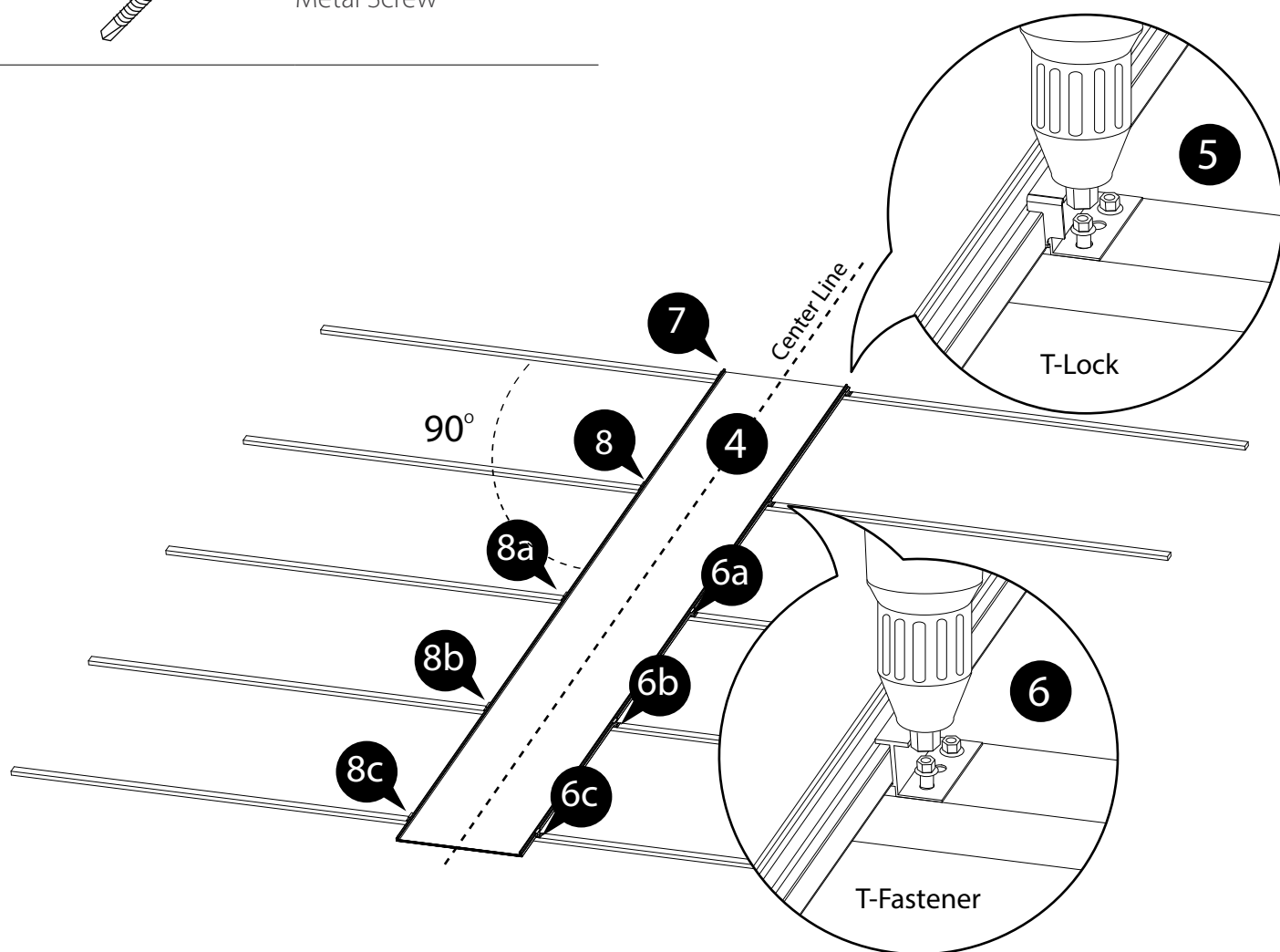
Metal Screw

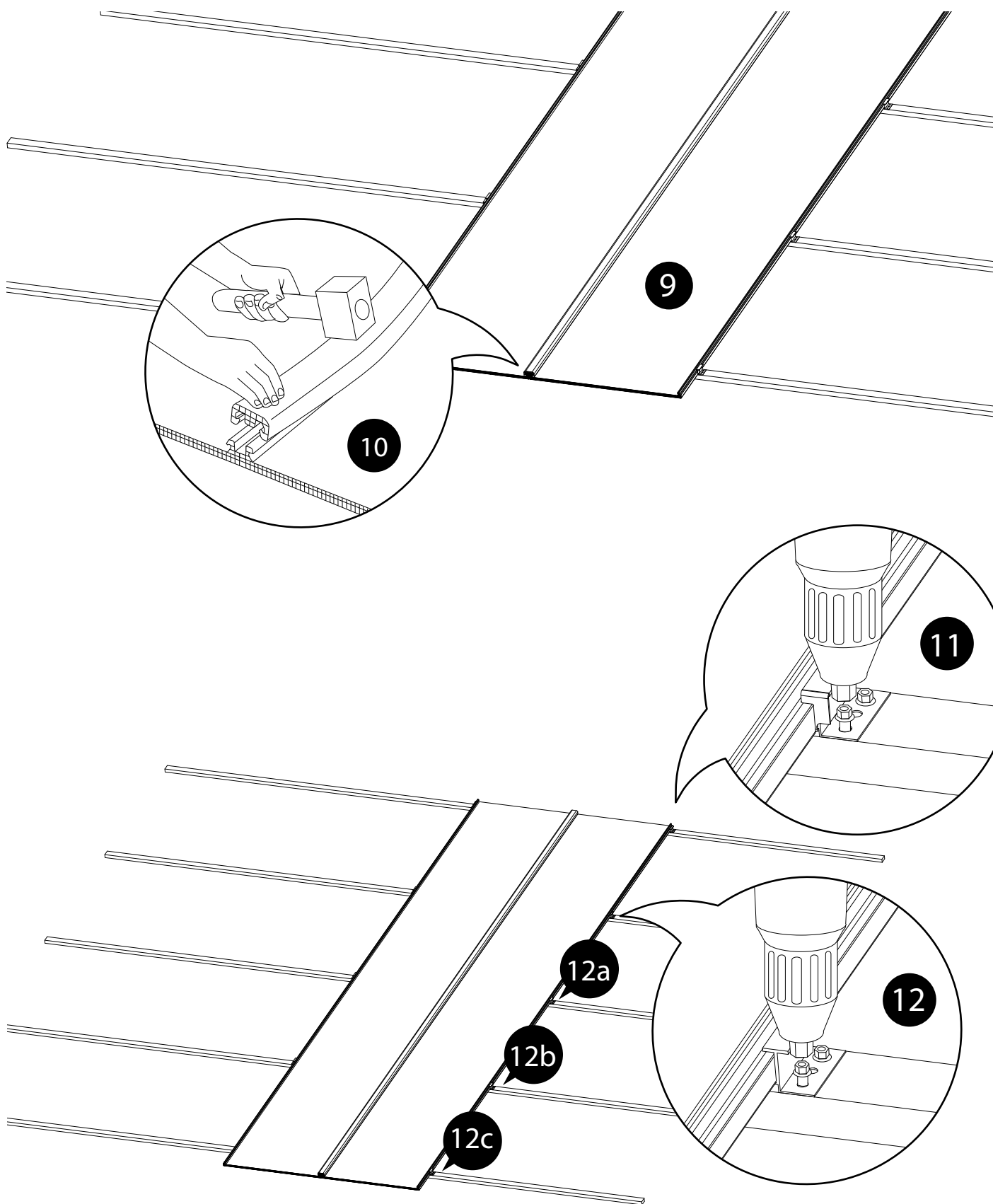


Back wall



All three sides



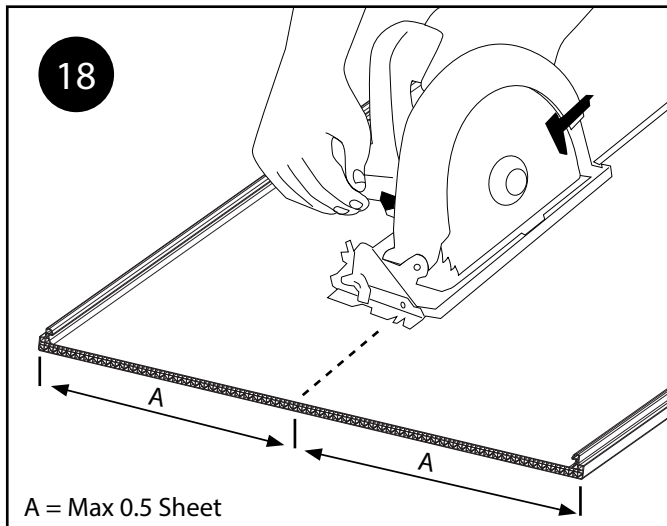




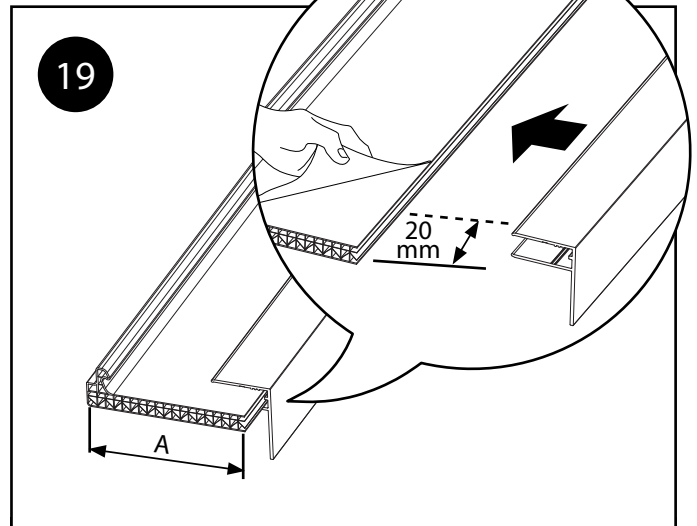
Back wall



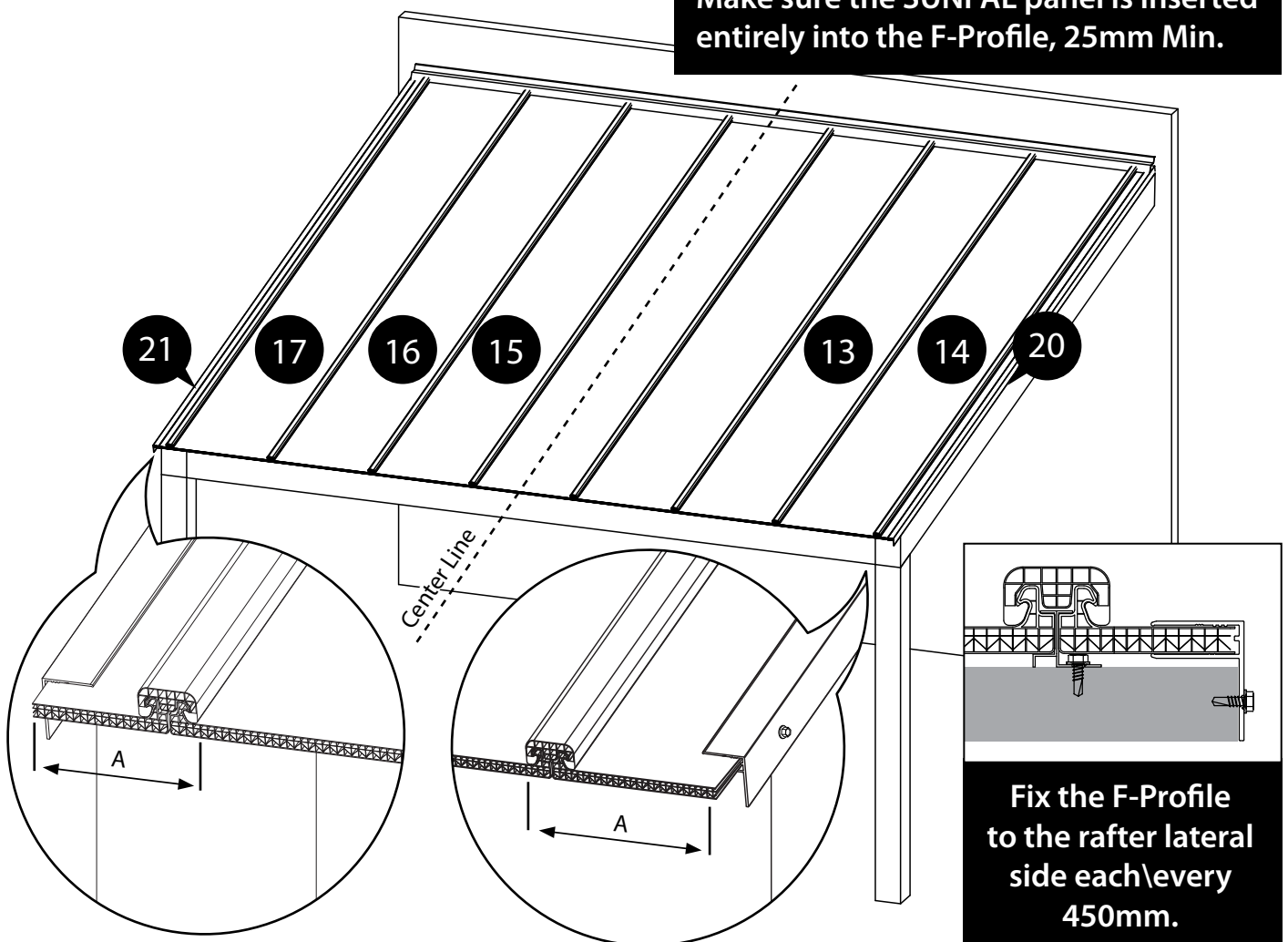
Repeat stages
9-12d



Aluminum F-Profile



Make sure the SUNPAL panel is inserted entirely into the F-Profile, 25mm Min.



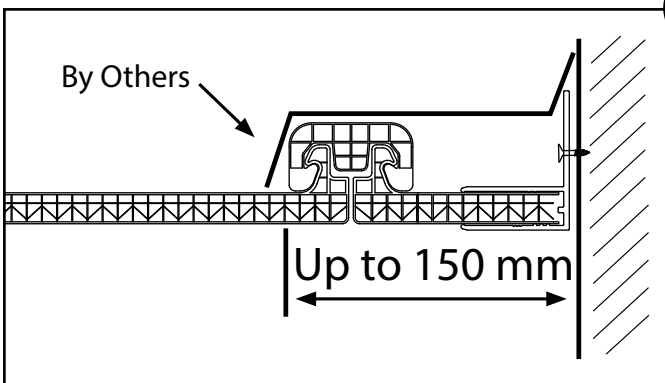
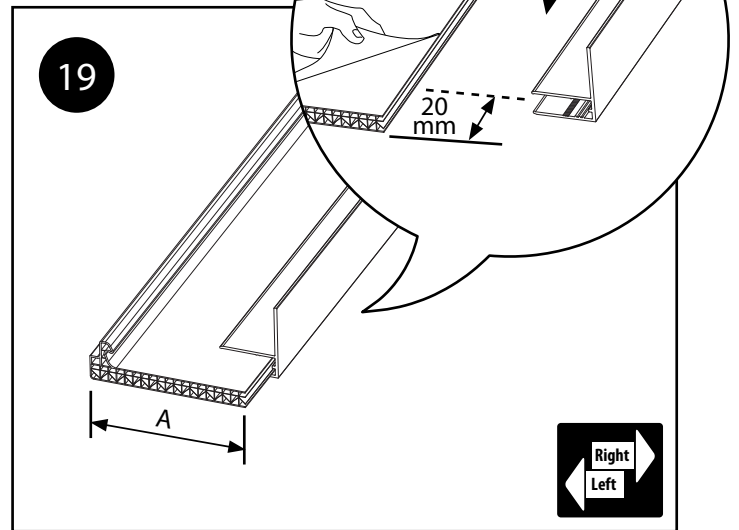
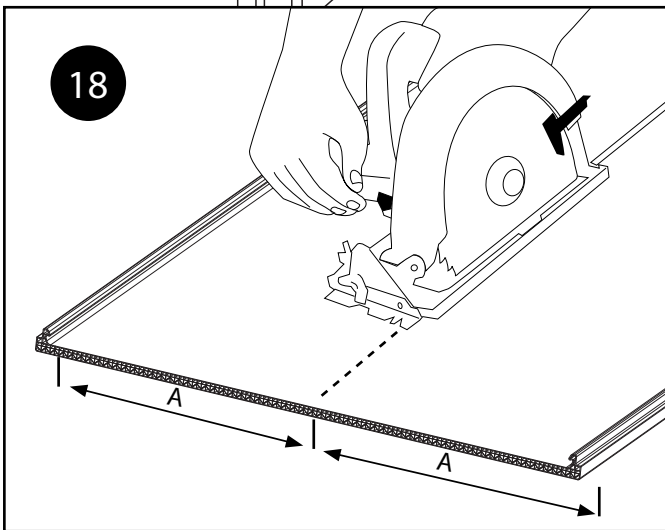
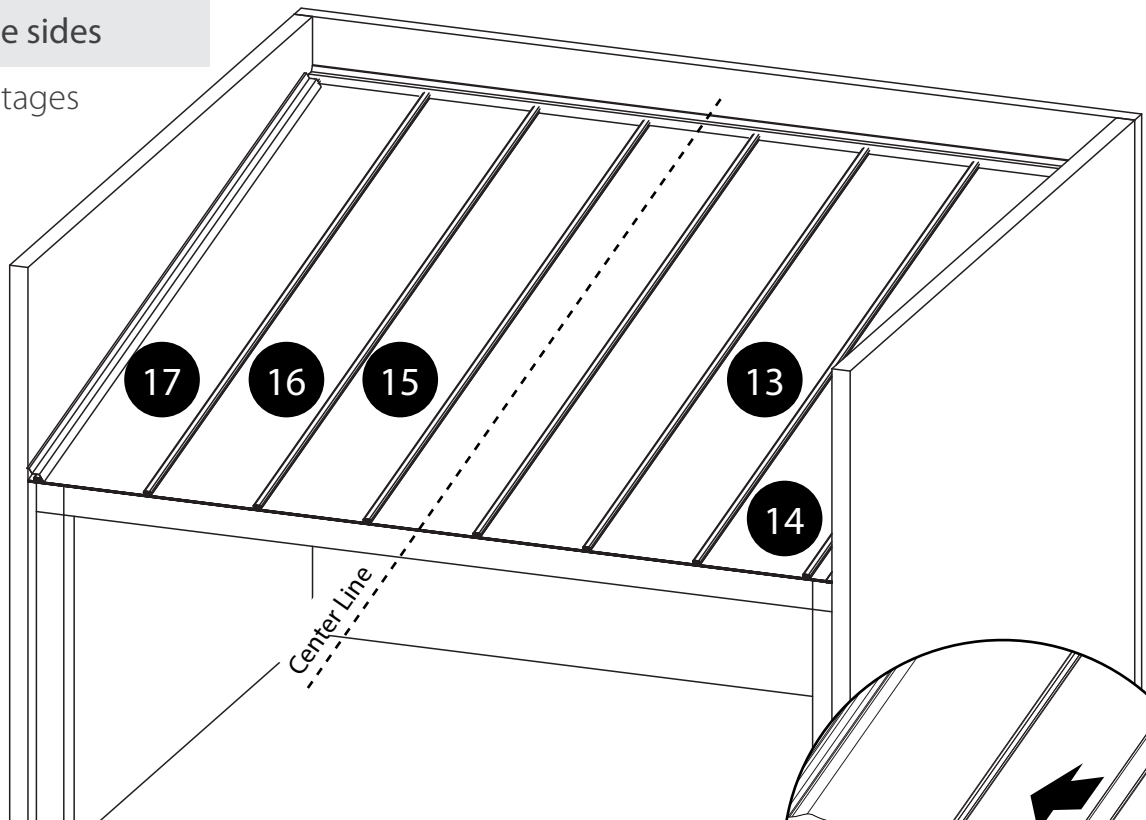
Fix the F-Profile to the rafter lateral side each\every 450mm.



All three sides

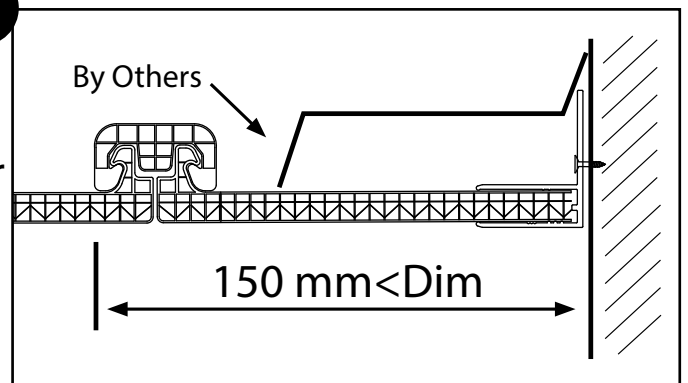


Repeat stages
9-12d

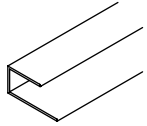


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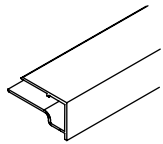
Or



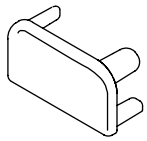
Finishing



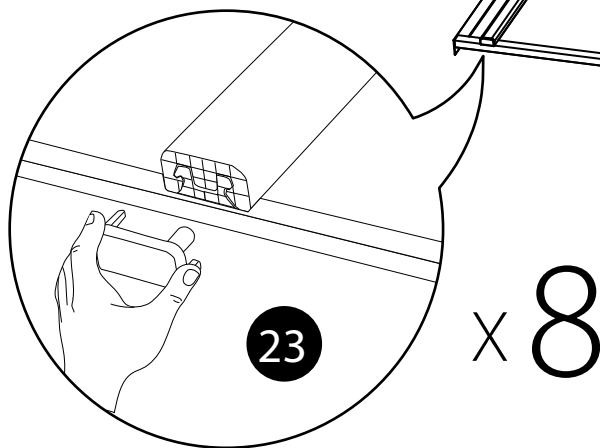
Polycarbonate U-Profile 0710



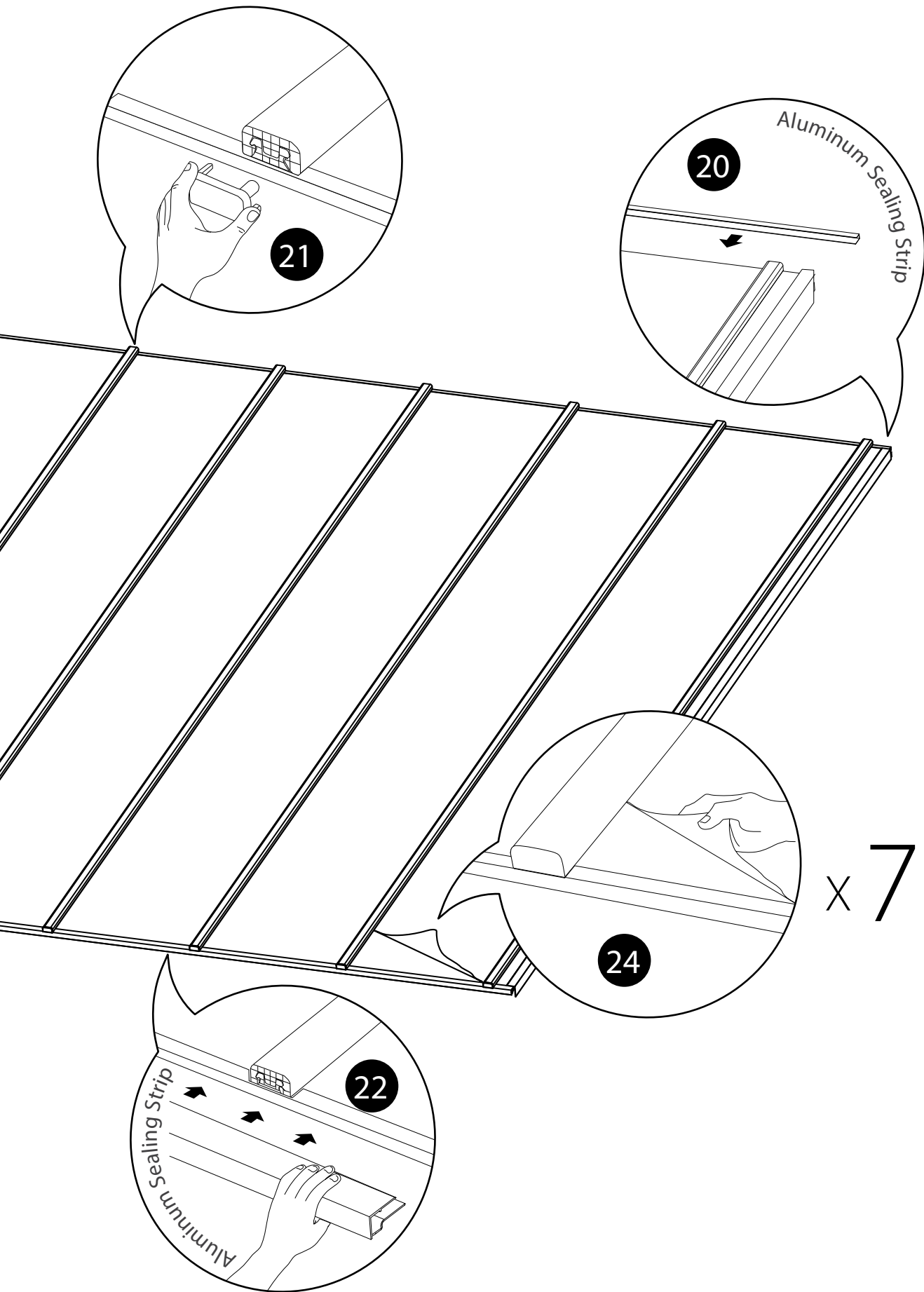
Aluminum Sealing Strip 0610



End-cap for Polycarbonate Joiner 0300



NOTE: Other designated elements like gutters, closures, ridge caps, trimming, flashing etc. are to be specially fabricated according to specific design.



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