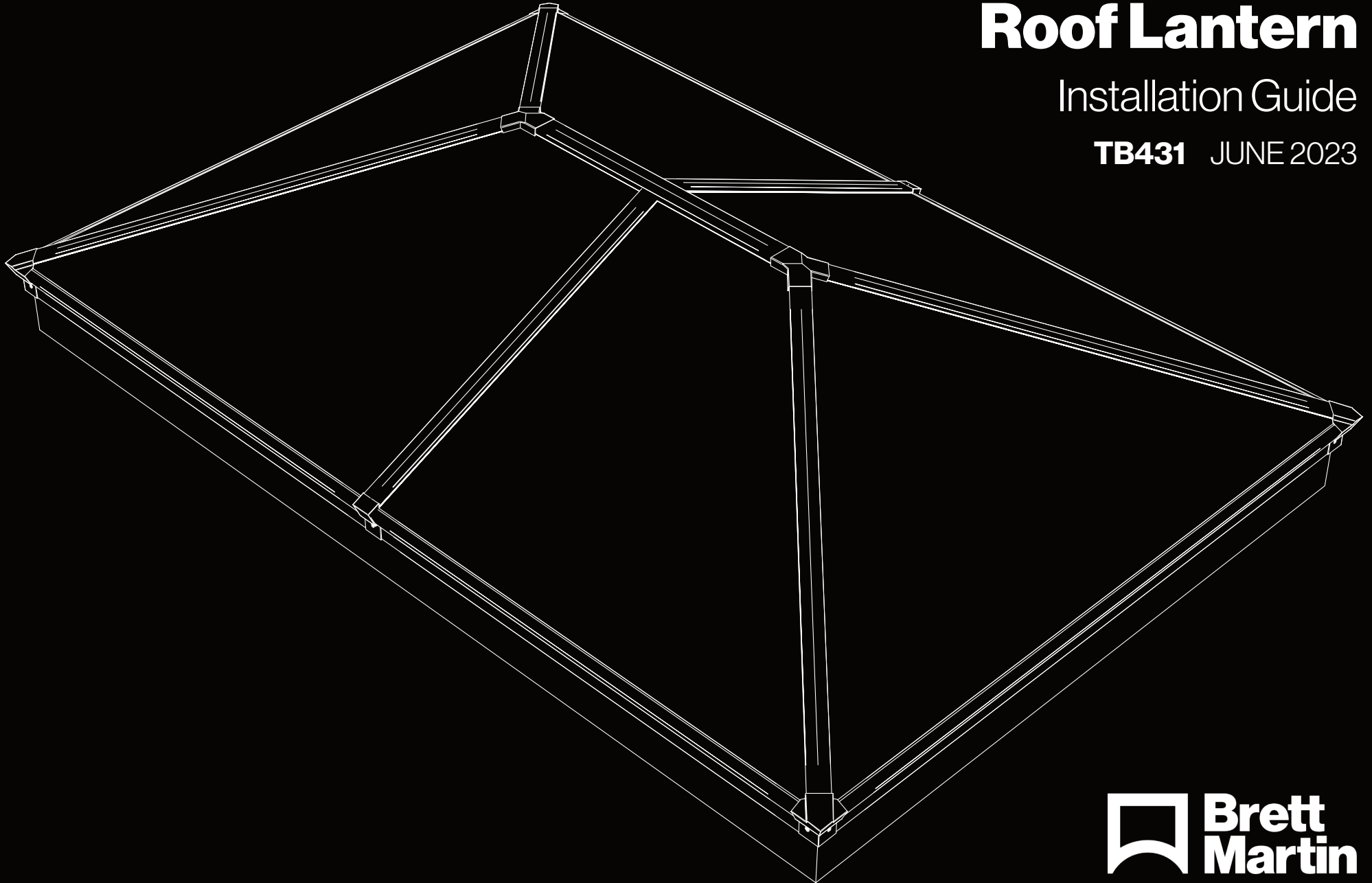


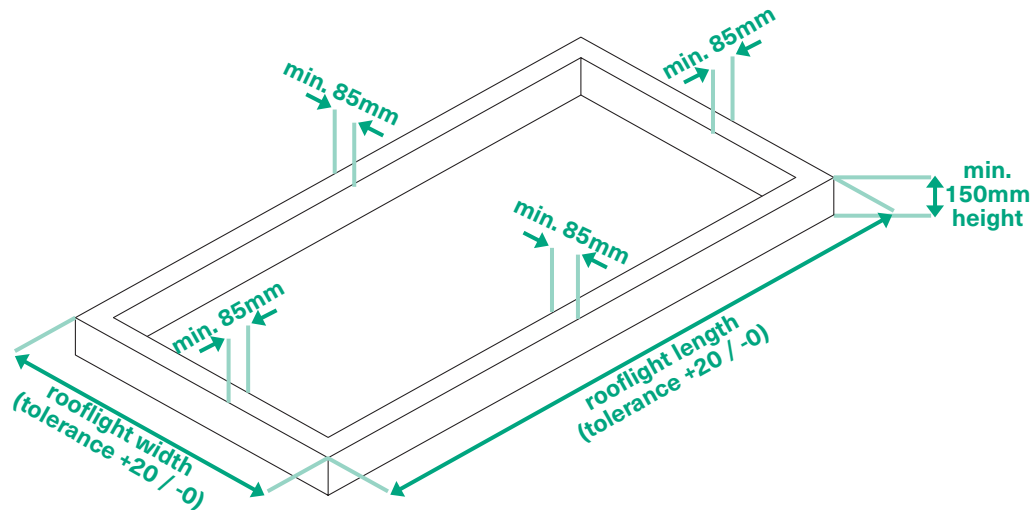
# Roof Lantern

Installation Guide

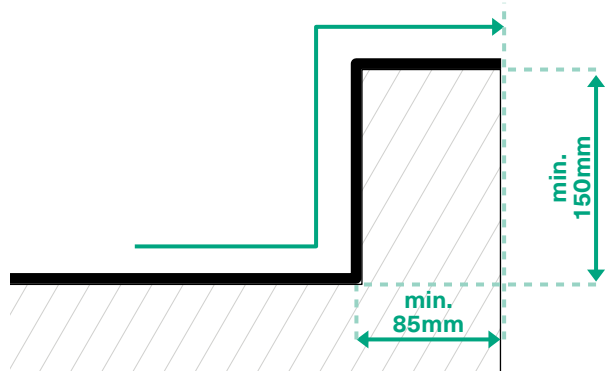
**TB431** JUNE 2023



# Upstand Requirements

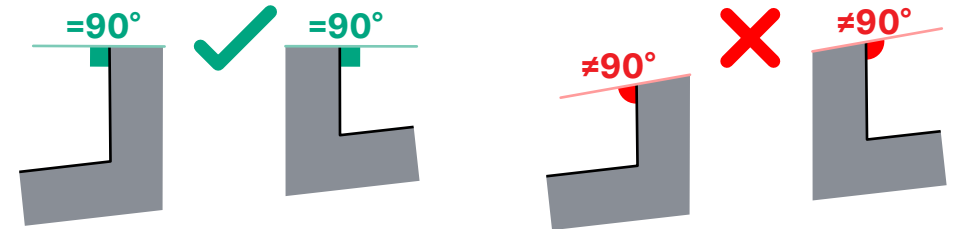


Construct finished, insulated and weathered builders upstand to dimensions above. Roof covering must cover **side and top** of insulated upstand in accordance with manufacturer's installation recommendations.



NB there should be no excessive build up of layers, the top surface should be level and free from protrusions or projections which may prevent adequate weatherproofing.

Brett Martin Roof Lantern rooflights are intended for installation onto a fully weathered and insulated builders upstand on flat and low pitch roofs. The surface of flat roofs normally require some degree of pitch to ensure adequate water runoff. For aesthetic reasons we recommend that the upstand is built with 0° pitch i.e. not parallel with the pitched roof surface. The rooflight can accommodate being installed on an upstand with a pitch of up to 5° but please note that this will likely result in a 'lopsided' appearance.



# Health & Safety



**Warning:** this product is designed for installation by professional roofing installers, who are responsible for establishing a safe method of work. All risks involved, including those involved in roof access and working around (and if necessary across) an open roof aperture must be assessed, and suitable precautions taken to minimise those risks, with a safe method of work established and documented for each project.

Instructions must be followed **carefully** and in the correct order otherwise warranty may be invalidated.



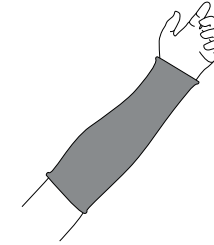
**IMPACT DRIVERS MUST NOT BE USED**

# Safety Equipment Required

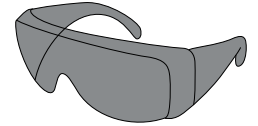


Safety Gloves  
Cut level 5 or E gloves

Required as per following standards  
EN 288; EN ISO 21420

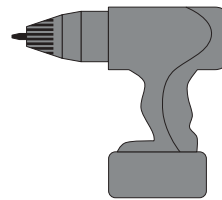


Cut Resistant  
Sleeves



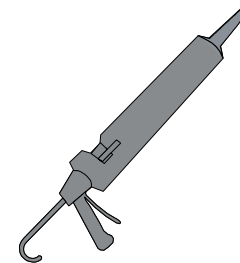
Safety Glasses

# Tools Required

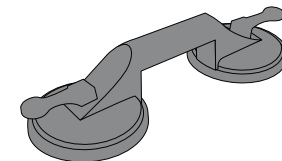


Electric  
Screwdriver

NO IMPACT DRIVERS

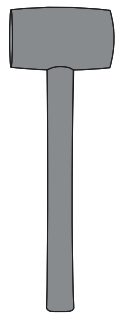


Sealant



Glass Sucker(s)

Recommended for  
larger sizes

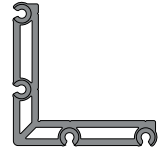
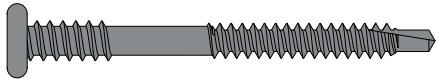


Rubber Mallet

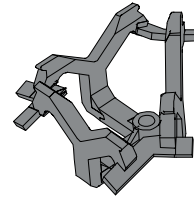
# Contents

## Components Box (only use fixings supplied)

**30 x**  
55mm Kerb Screws

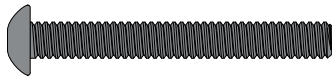


**8 x**  
Corner Cleat

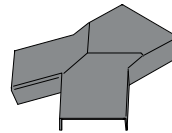
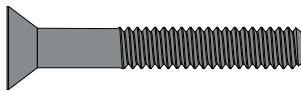


**2 x**  
Glazing Clamp

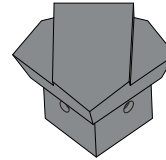
**8 x**  
M6x40mm  
Kerb Bolts



**4 x**  
M6x40mm  
Ridge Bolts

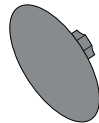


**2 x**  
Ridge Cap

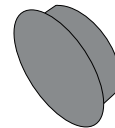


**4 x**  
Hip Cap

**2 x**  
M6x25mm  
Clamp Bolts

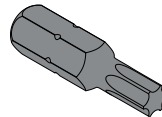
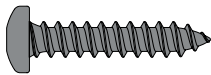


**30 x**  
Kerb Screw Cap

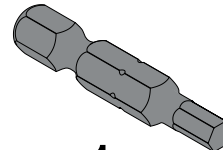


**8 x**  
Bolt Cap

**8 x**  
No. 10x25mm  
Cover Screws

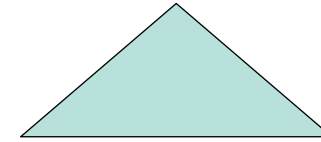


**1 x**  
T-25 Torx  
Driver Bit



**1 x**  
4mm Hex  
Driver Bit

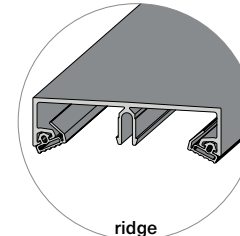
**16 x**  
M6x10mm  
Cleat Bolts



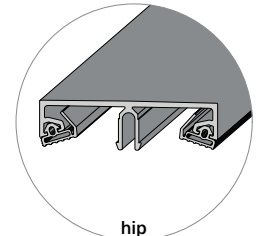
**2 x**  
Glass Triangle



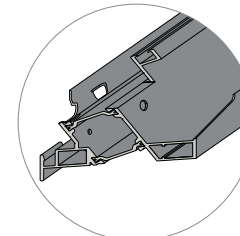
**2 x**  
Glass Trapezium  
(4 pane option only)



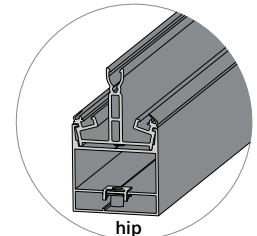
ridge  
**1 x**  
Ridge Outer



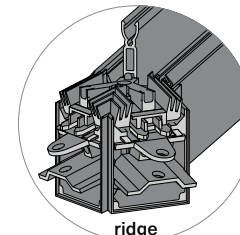
hip  
**4 x**  
Hip Outer



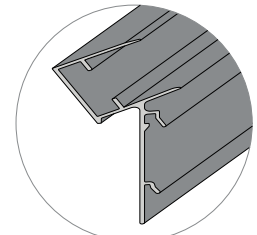
**4 x**  
Kerb Bar



hip  
**4 x**  
Hip Inner



ridge  
**1 x**  
Ridge Inner



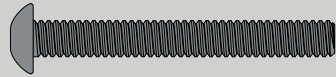
**4 x**  
Glass Stop



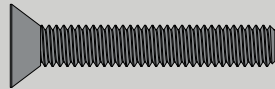
# Additional contents - 6 pane option only

## Components Box

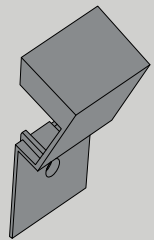
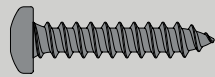
+ 2  
M6x40mm  
Kerb Bolts



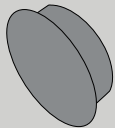
2 x  
M6x35mm  
Ridge Bolts



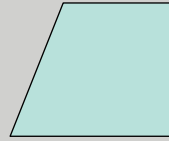
+ 2  
No. 10x25mm  
Cover Screws



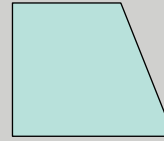
2 x  
Rafter Cap



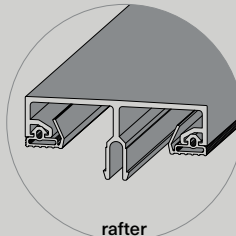
+ 2  
Bolt Cap



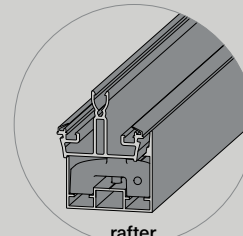
2 x  
Left Glass Trapezium



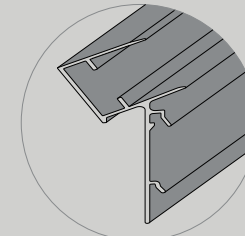
2 x  
Right Glass Trapezium



rafter  
2 x  
Rafter Outer



rafter  
2 x  
Rafter Inner

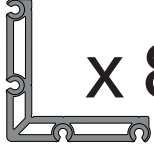


+ 2  
Glass Stop

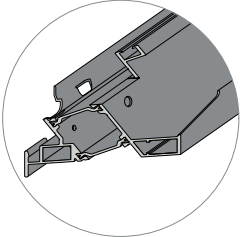
# 1. Assemble base frame

 x 16

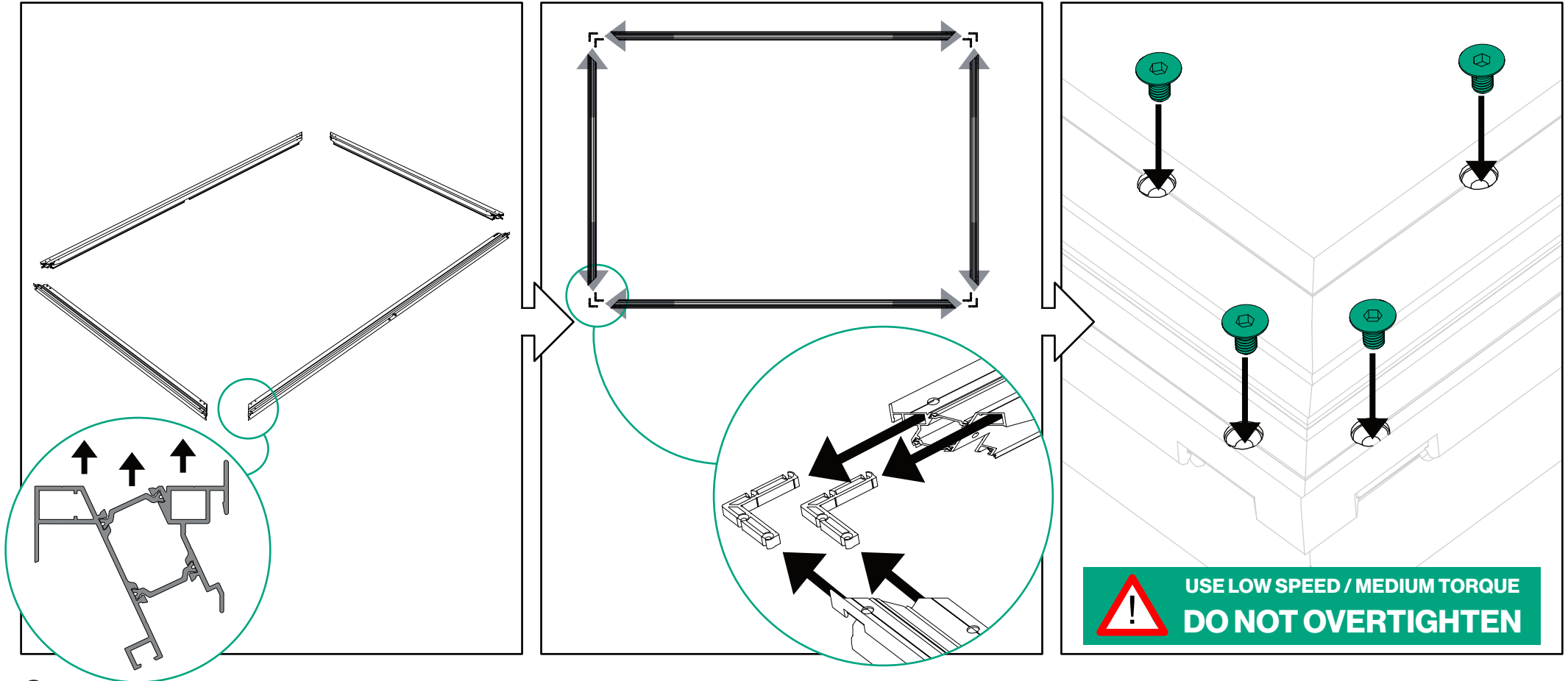
M6x10mm  
Cleat Bolts

 x 8

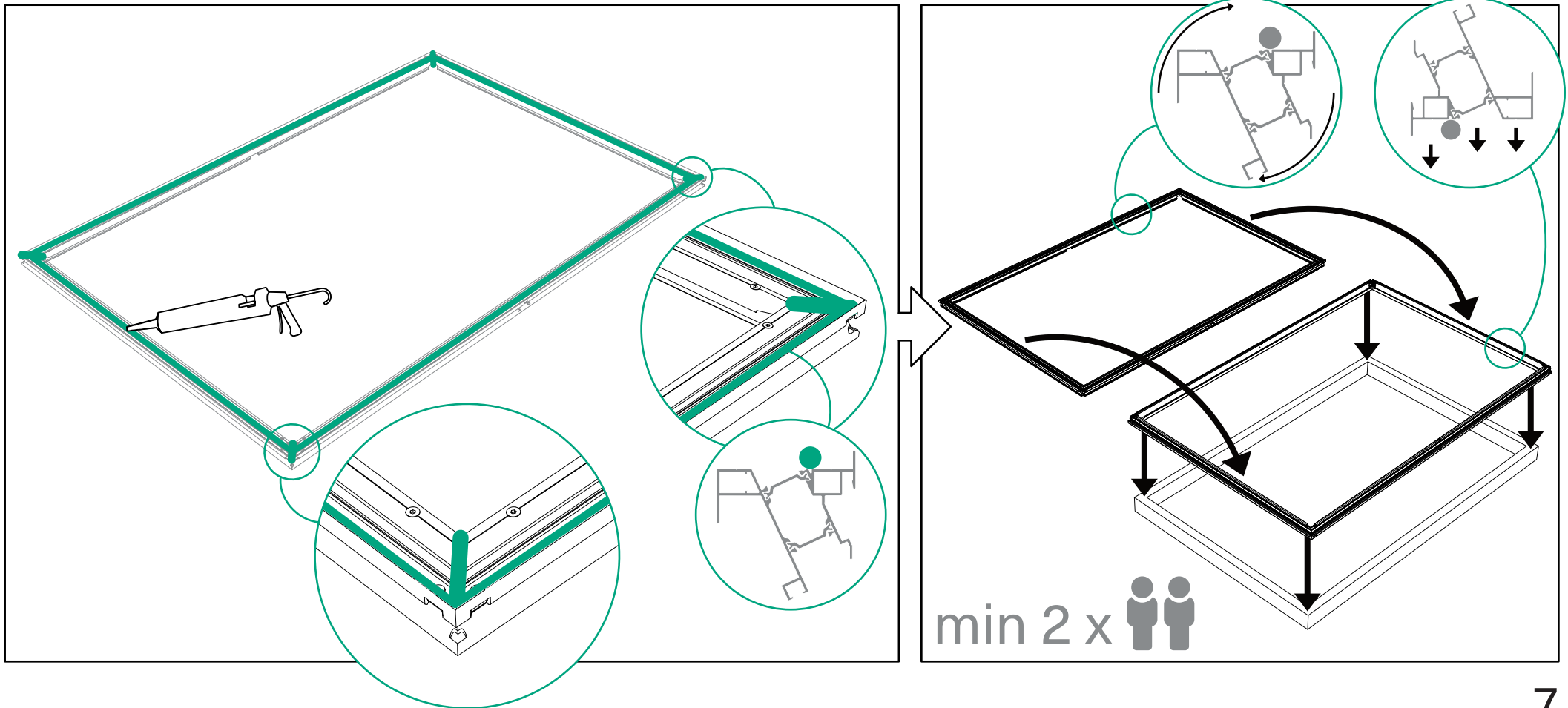
Corner Cleat

 x 4

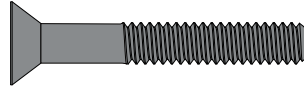
Kerb Bar

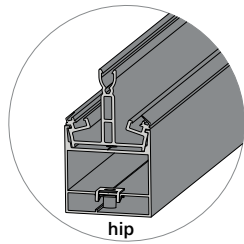


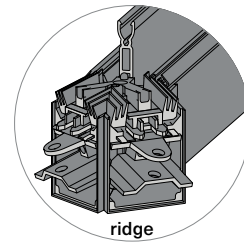
## 2. Apply sealant then rotate and position frame on upstand

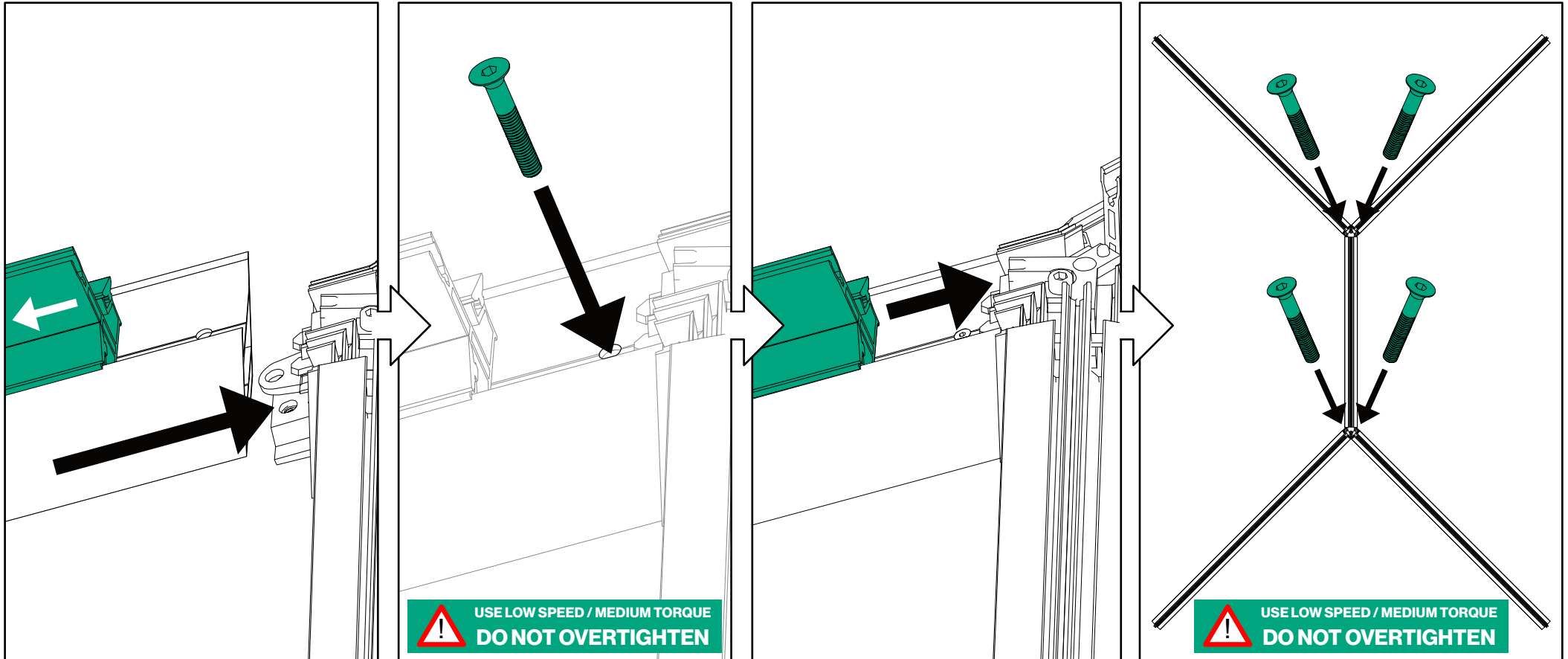


# 3. Connect spider frame

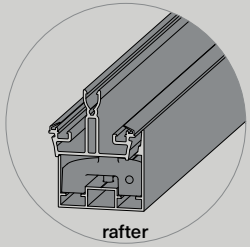
 x 4  
M6x40mm  
Ridge Bolts

 x 4  
Hip Inner

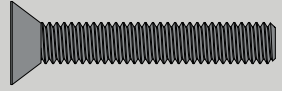
 x 1  
Ridge Inner



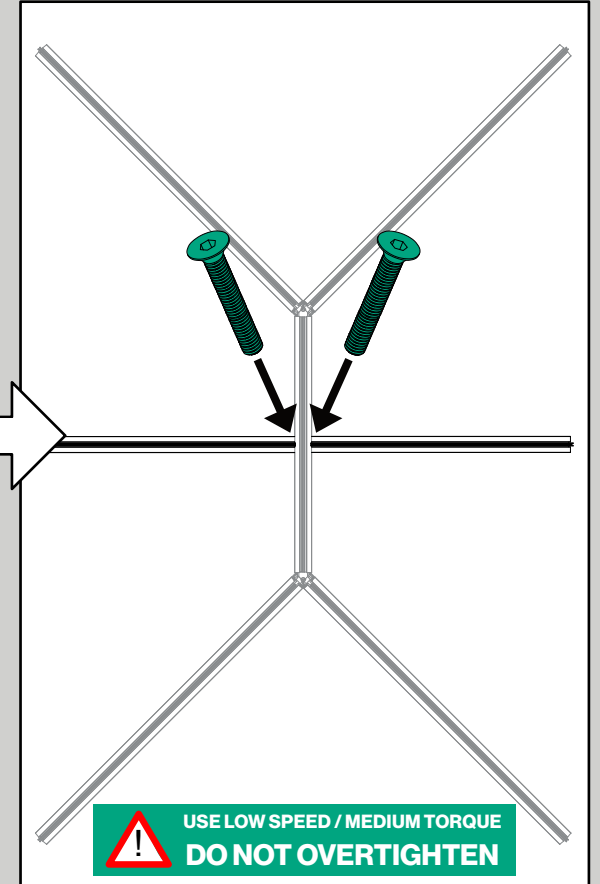
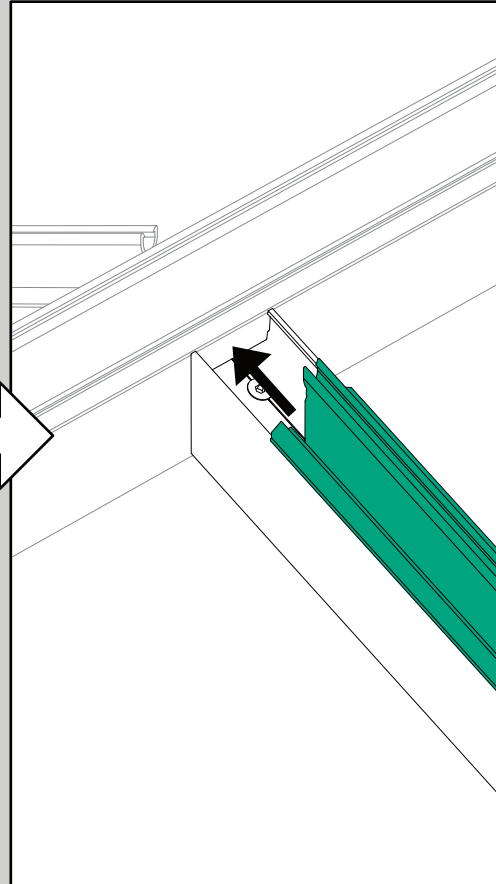
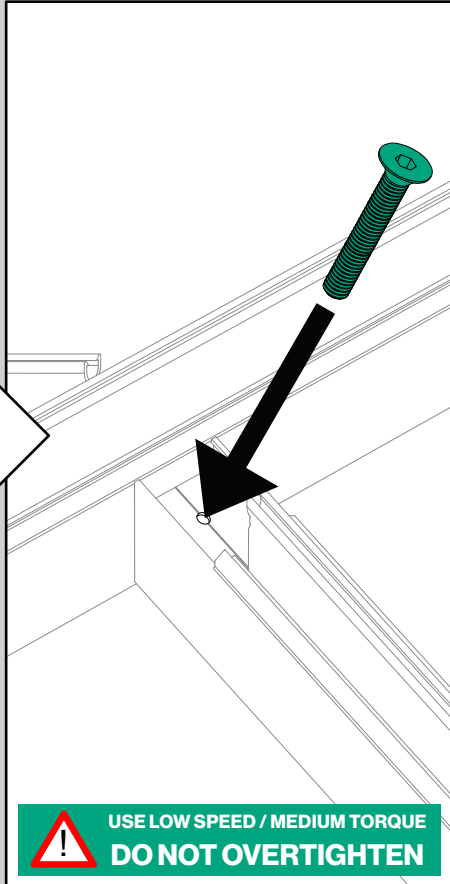
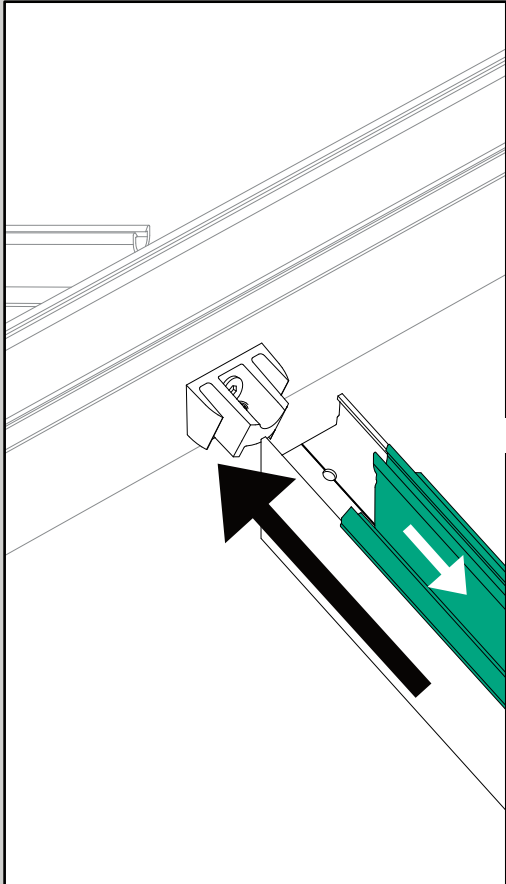
# 6 pane option only



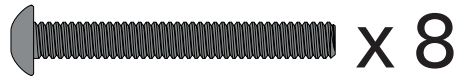
x 2  
Rafter Inner



x 2  
M6x35mm  
Ridge Bolts

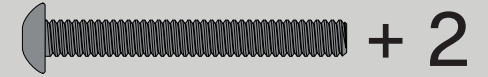


# 4. Fit spider frame to base frame

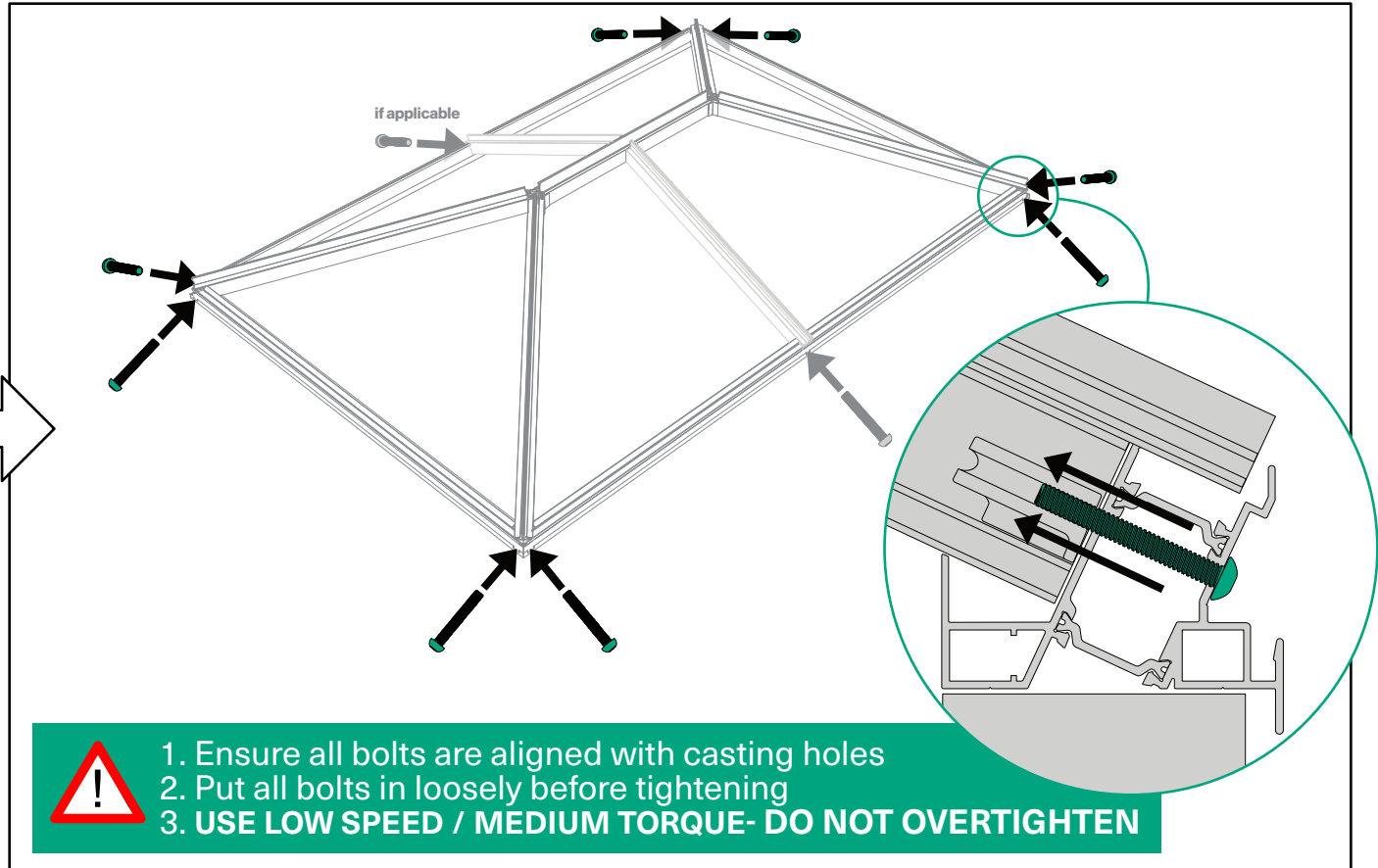
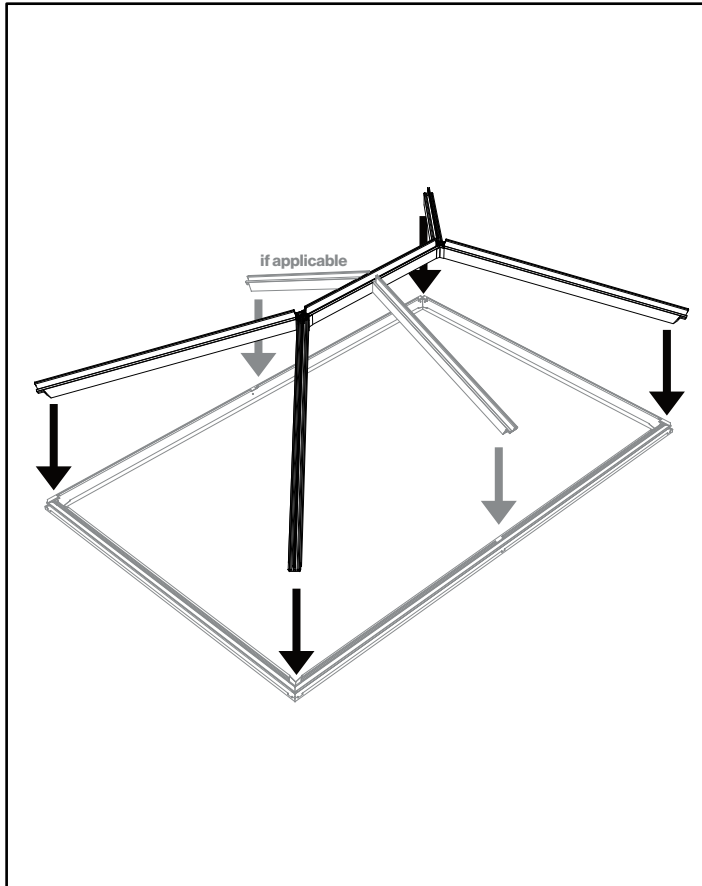


M6x40mm  
Kerb Bolts

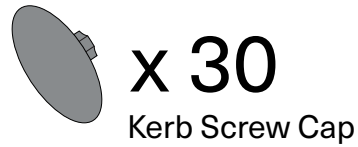
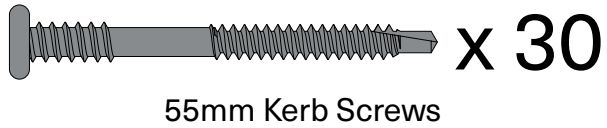
6 pane option only



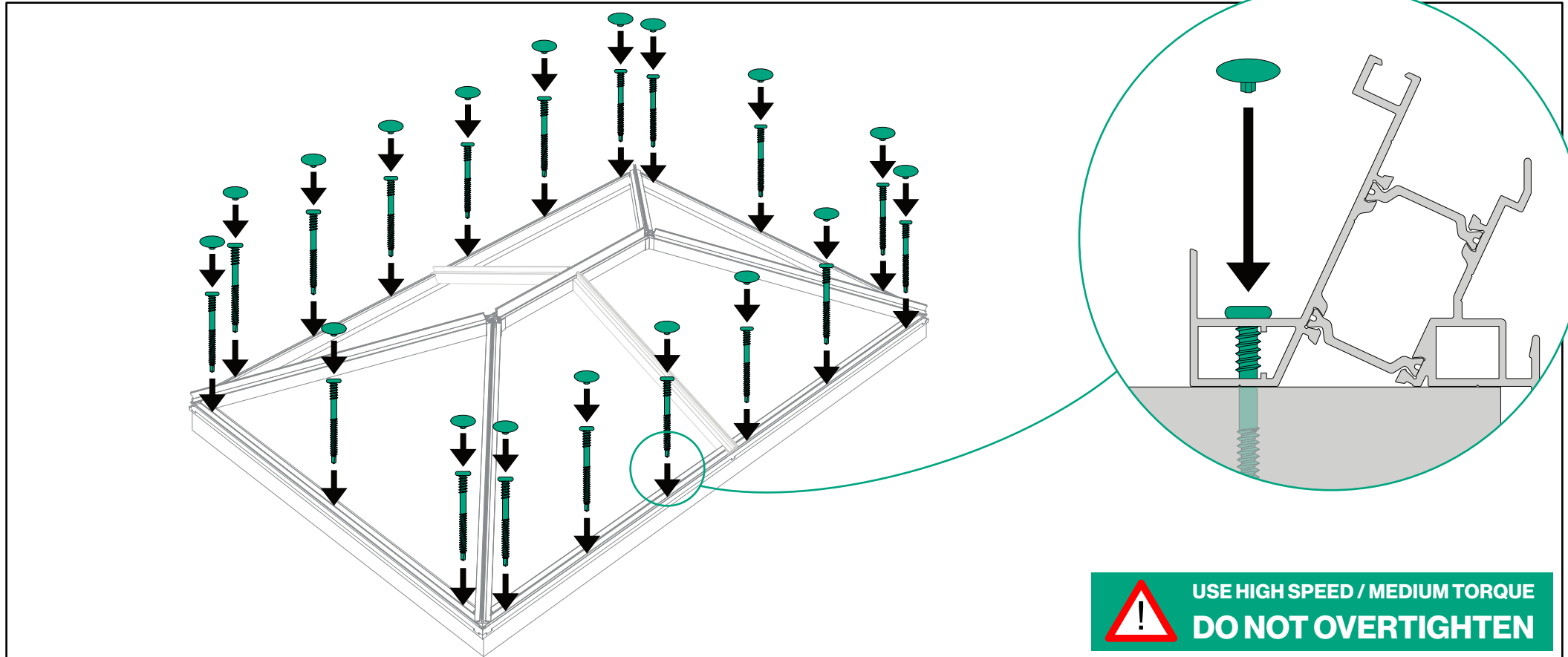
M6x40mm  
Kerb Bolts



# 5. Fix unit to upstand through pre-drilled holes

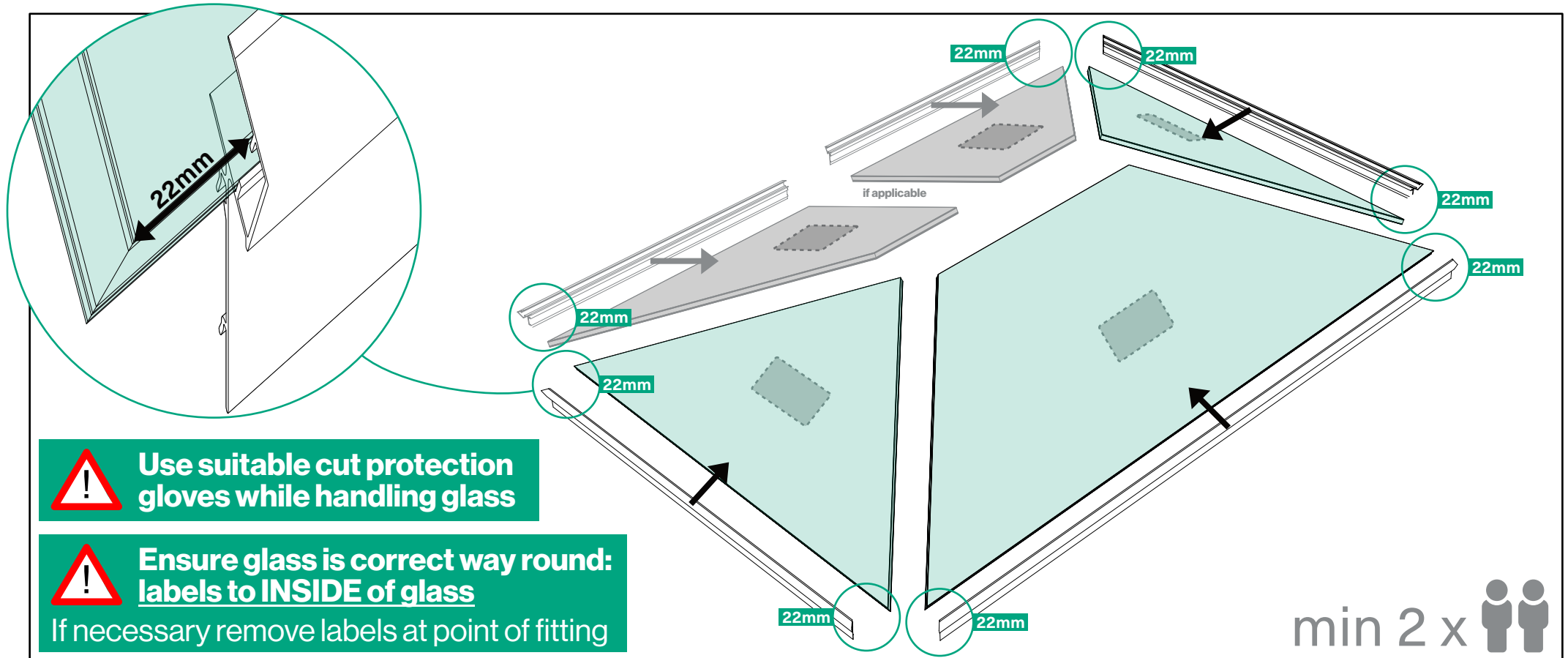
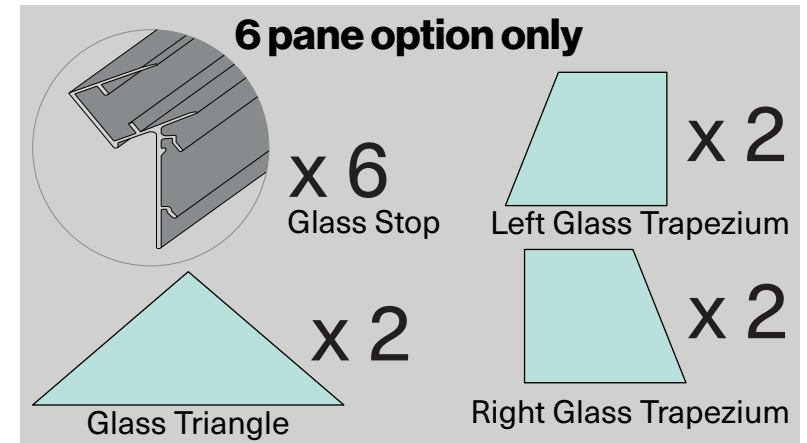
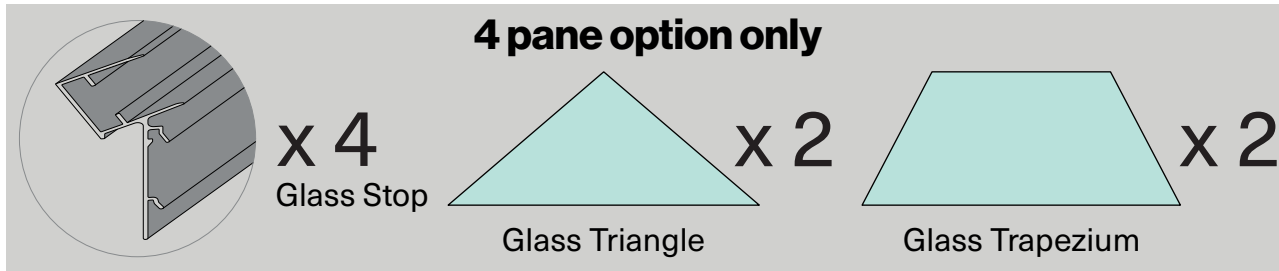


N.B. Roof Lantern is supplied with the maximum fixings required. Smaller sizes will have surplus screws.



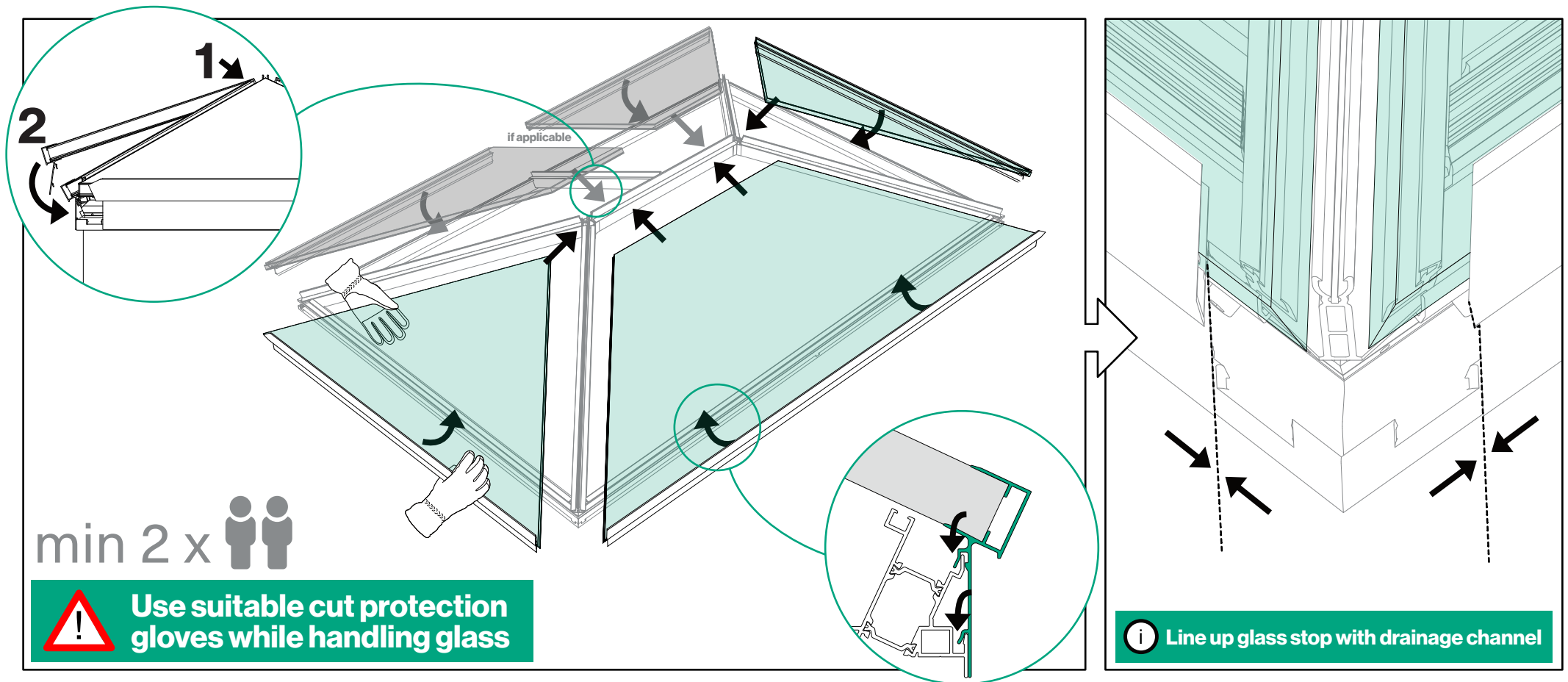
**USE HIGH SPEED / MEDIUM TORQUE  
DO NOT OVERTIGHTEN**

# 6. Prepare glass

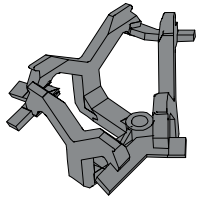




# 7. Fit glass to frame and align corners

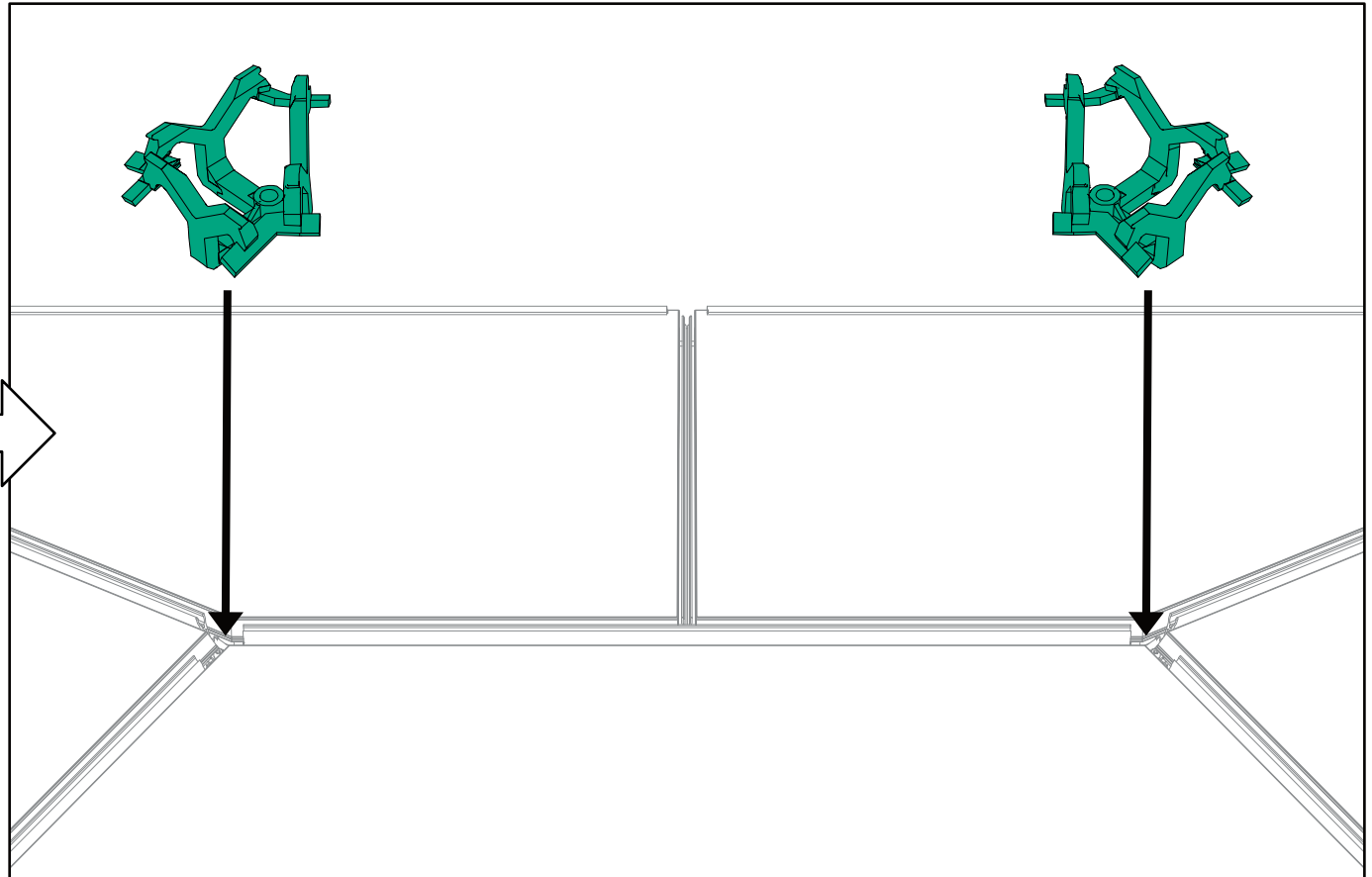
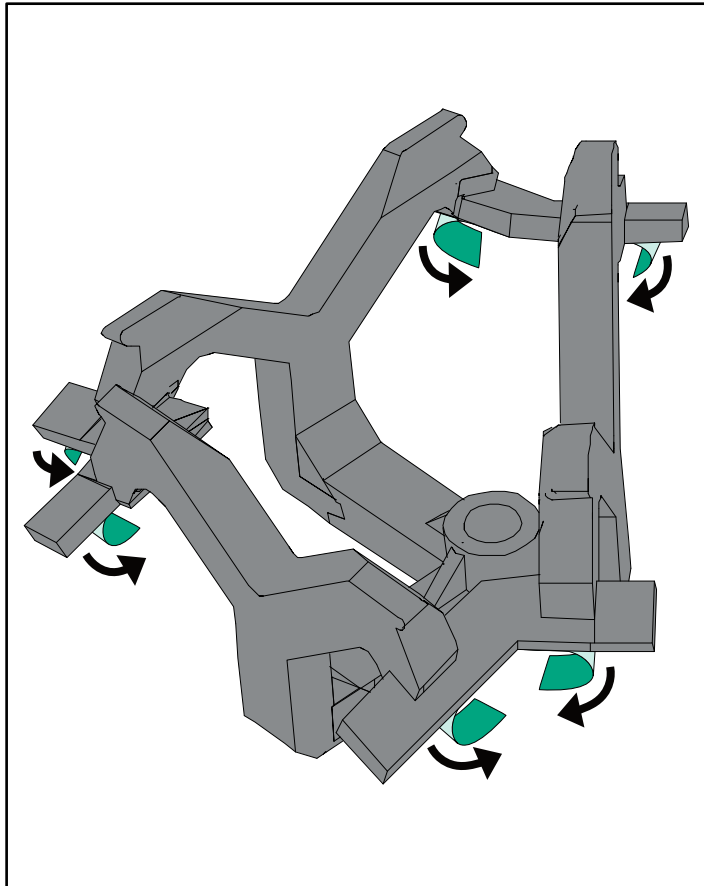


## 8. Peel tape and position glazing clamps

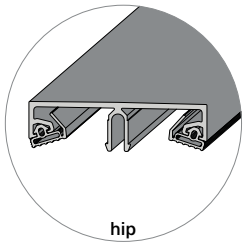


x 2

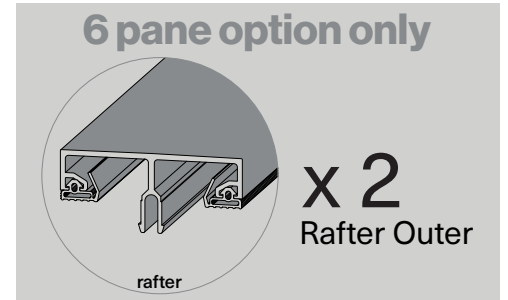
Glazing Clamp



# 9. Align and clip on hip outers (and rafter outers for 6 pane option)

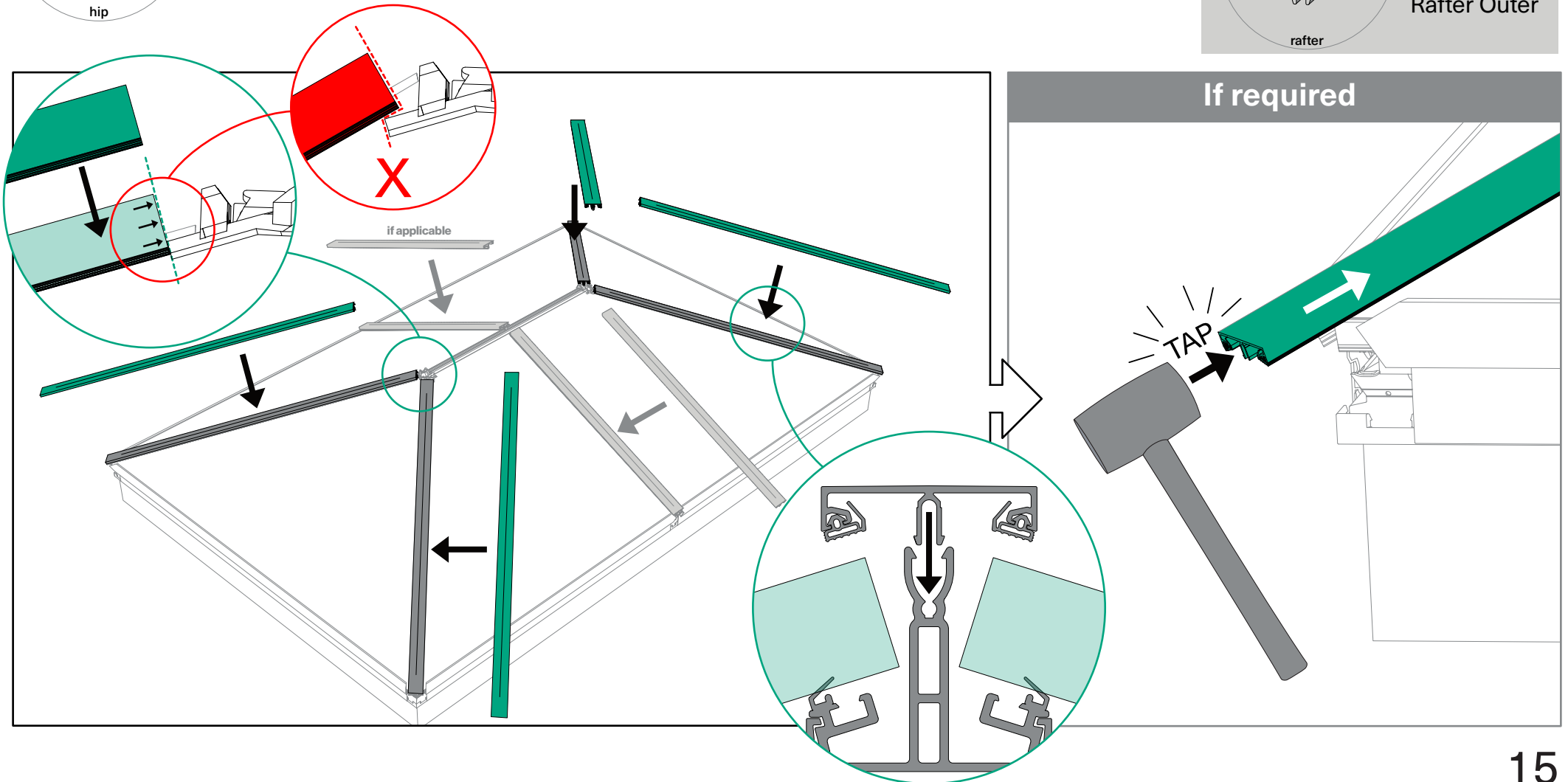


x4  
Hip Outer

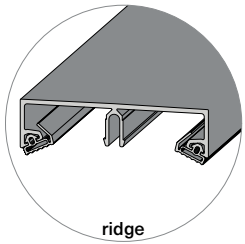


6 pane option only

x 2  
Rafter Outer



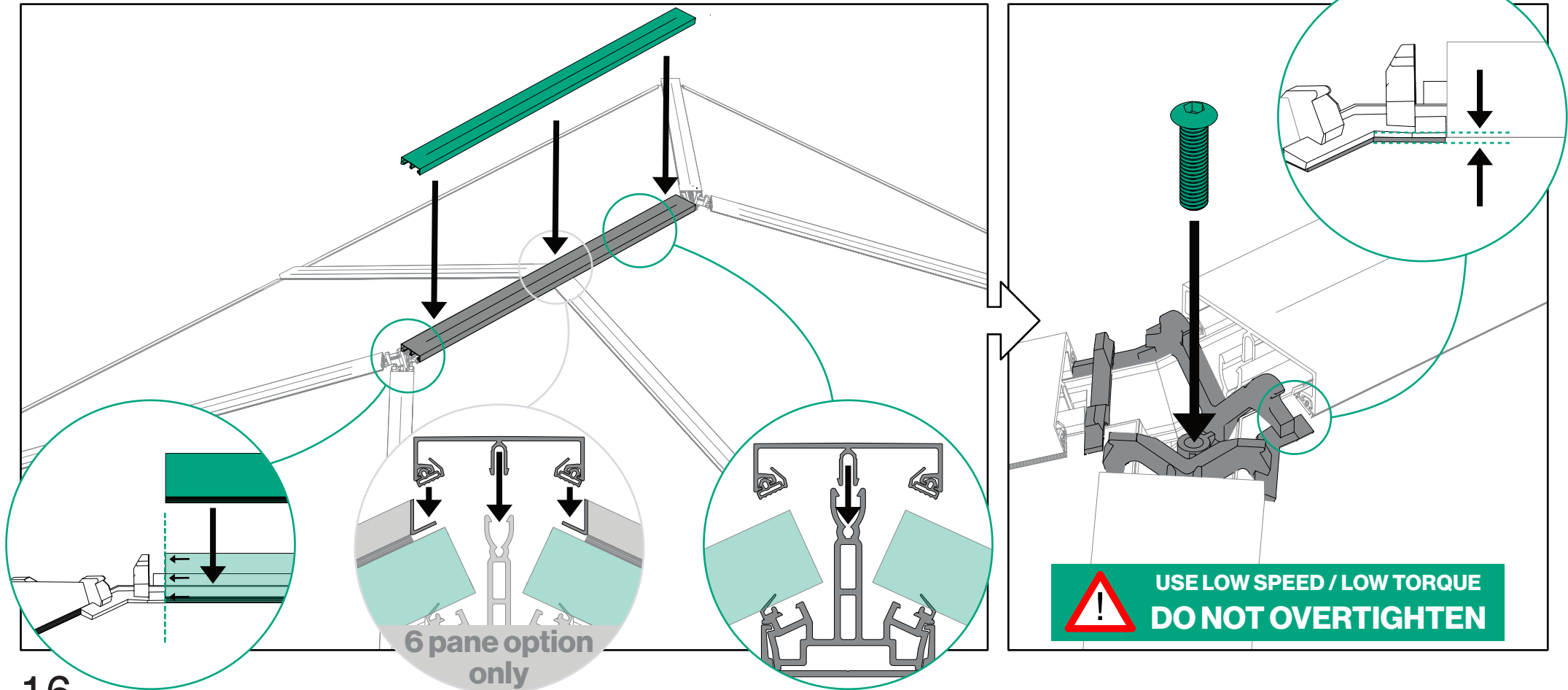
# 10. Align and clip on ridge outer then fix down glazing clamps



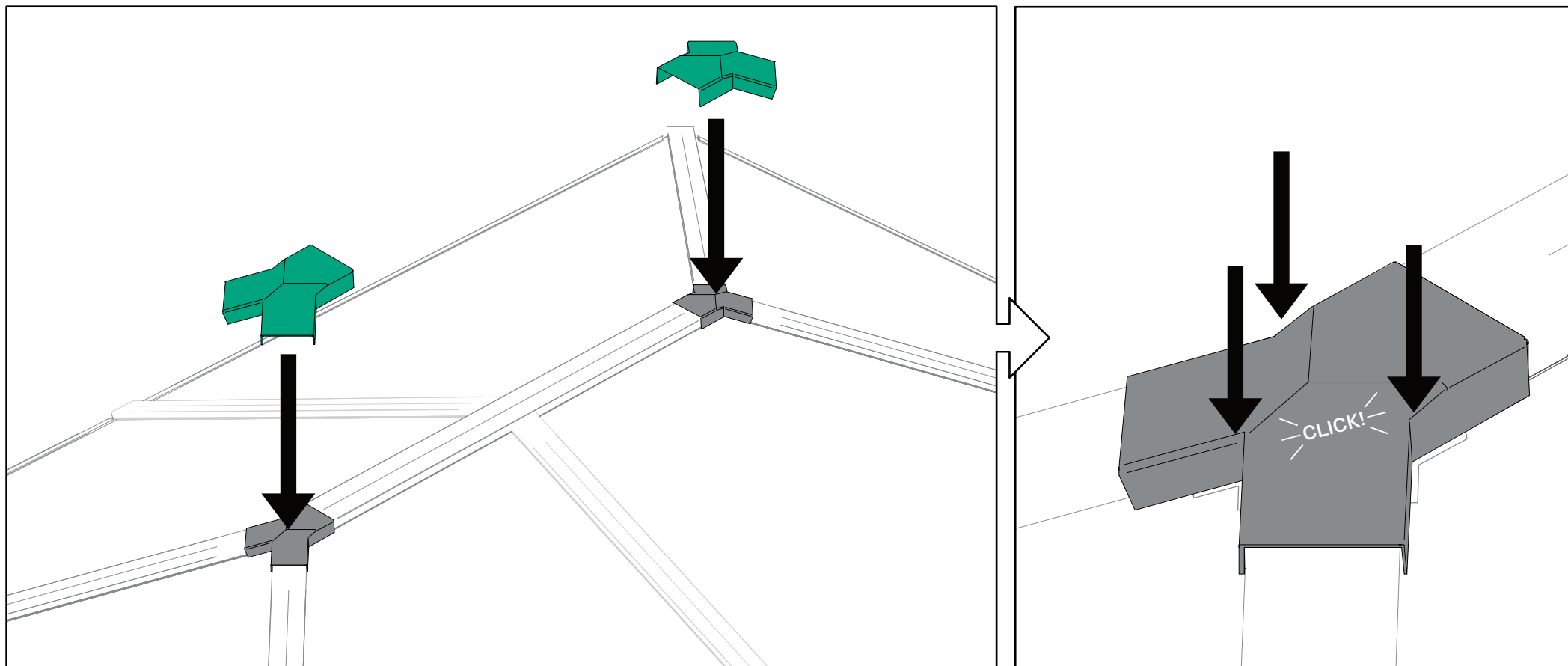
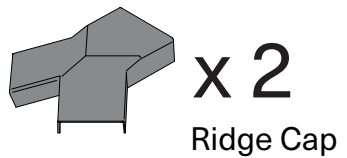
x 1  
Ridge Outer



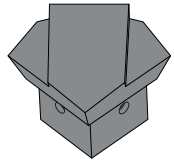
x 2  
M6x25mm  
Clamp Bolts



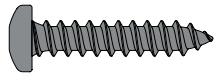
# 11. Clip on ridge caps



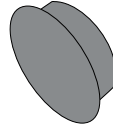
## 12. Attach hip caps



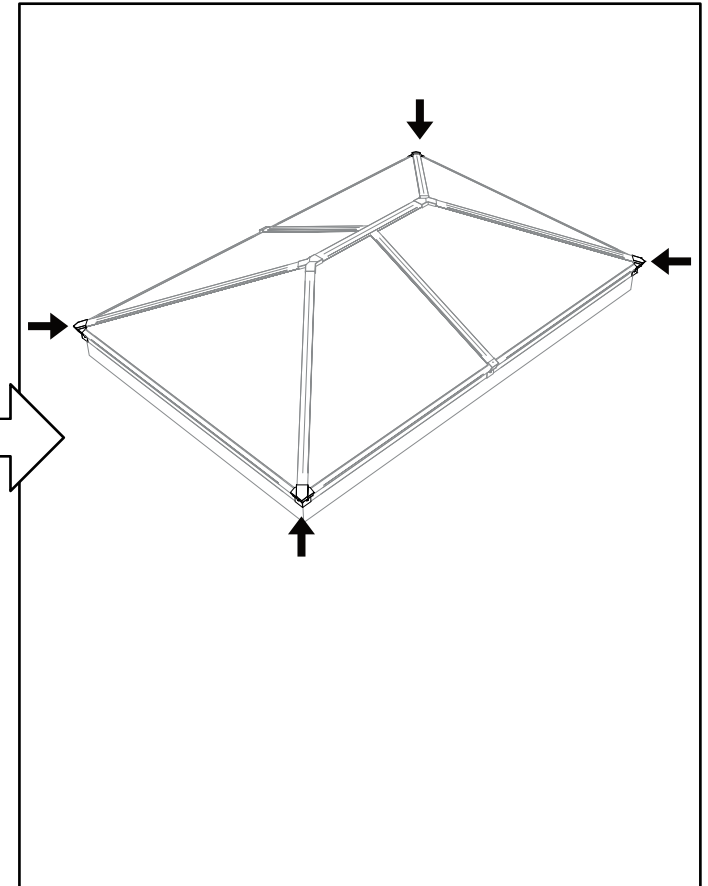
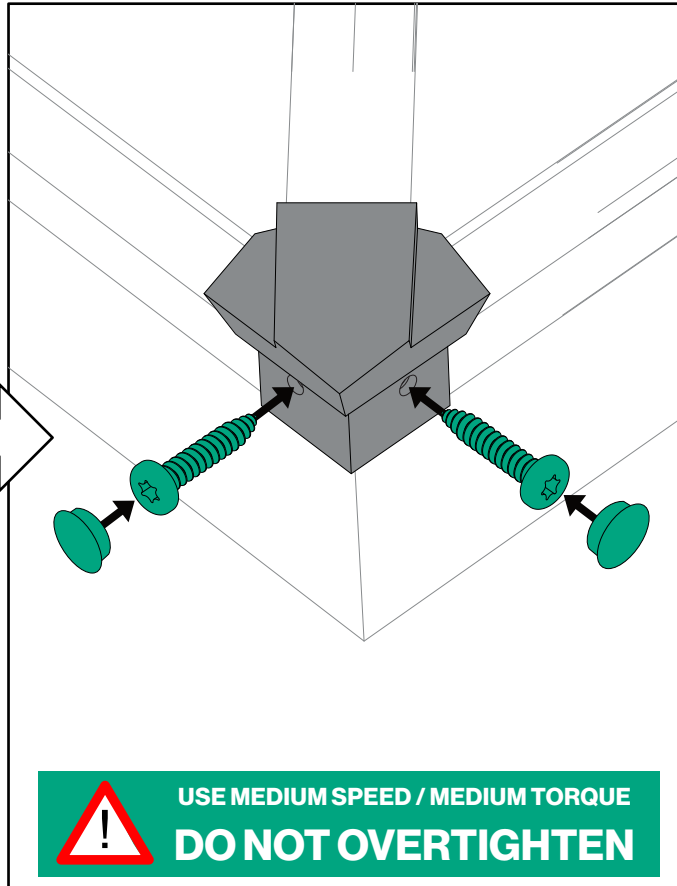
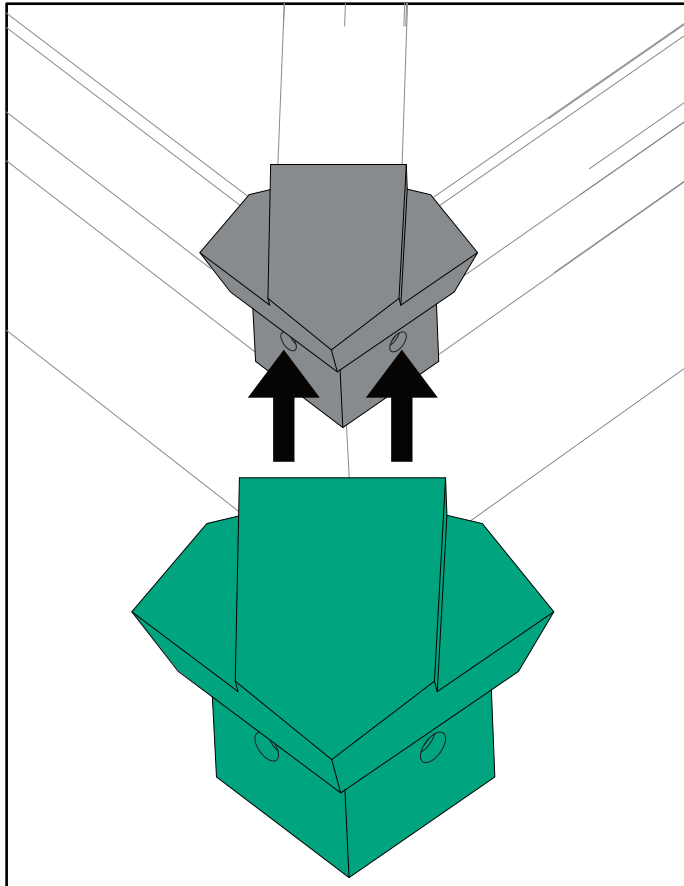
x 4  
Hip Cap



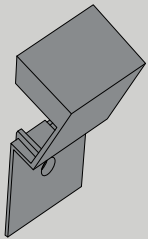
x 8  
No. 10x25mm  
Cover Screws



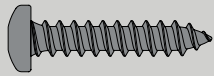
x 8  
Bolt Cap



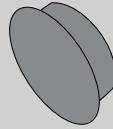
# 13. Attach rafter caps (6 pane option only)



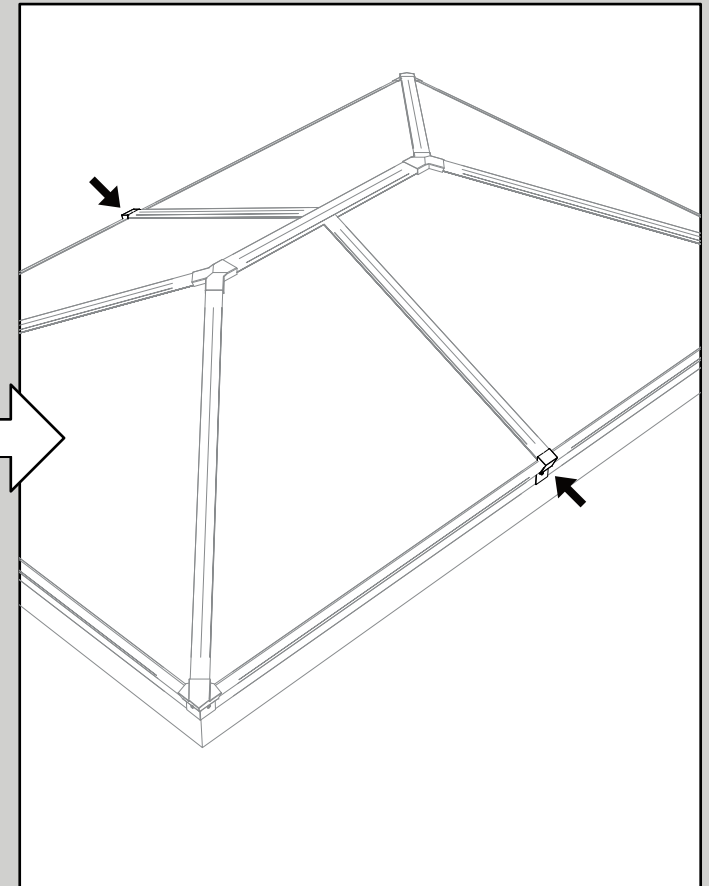
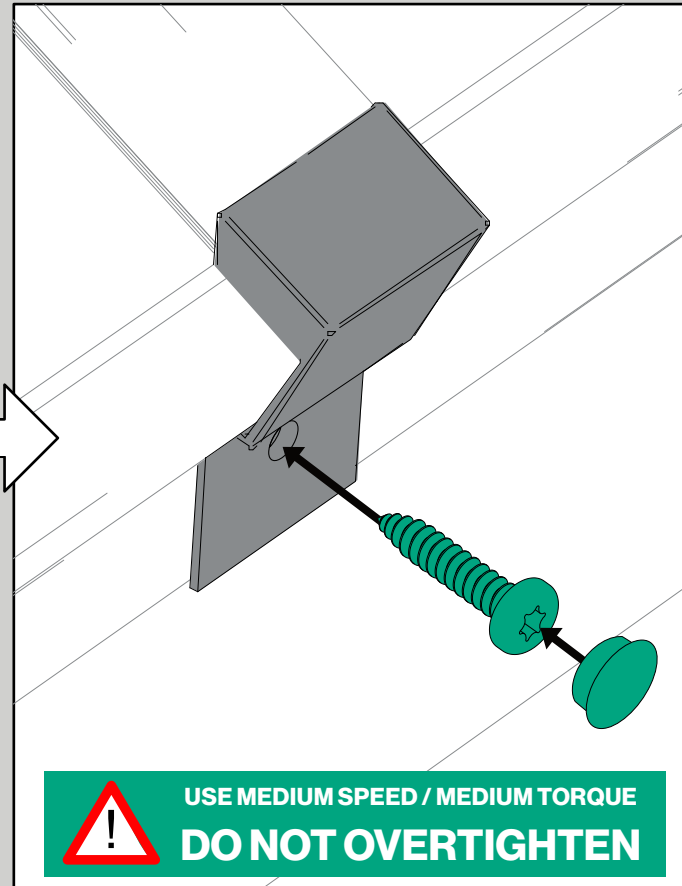
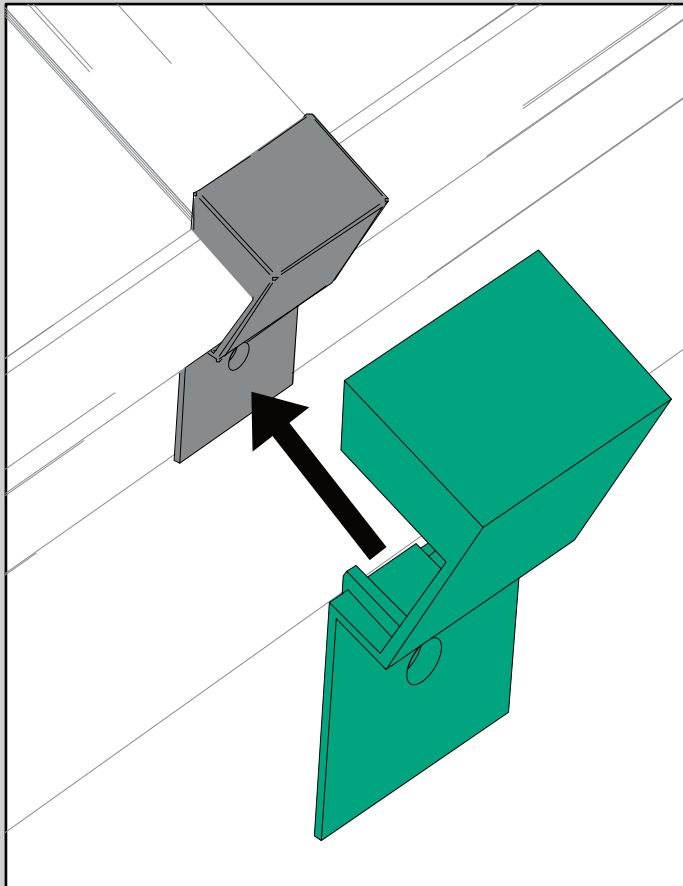
x 2  
Rafter Cap



x 2  
No. 10x25mm  
Cover Screws



x 2  
Bolt Cap







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