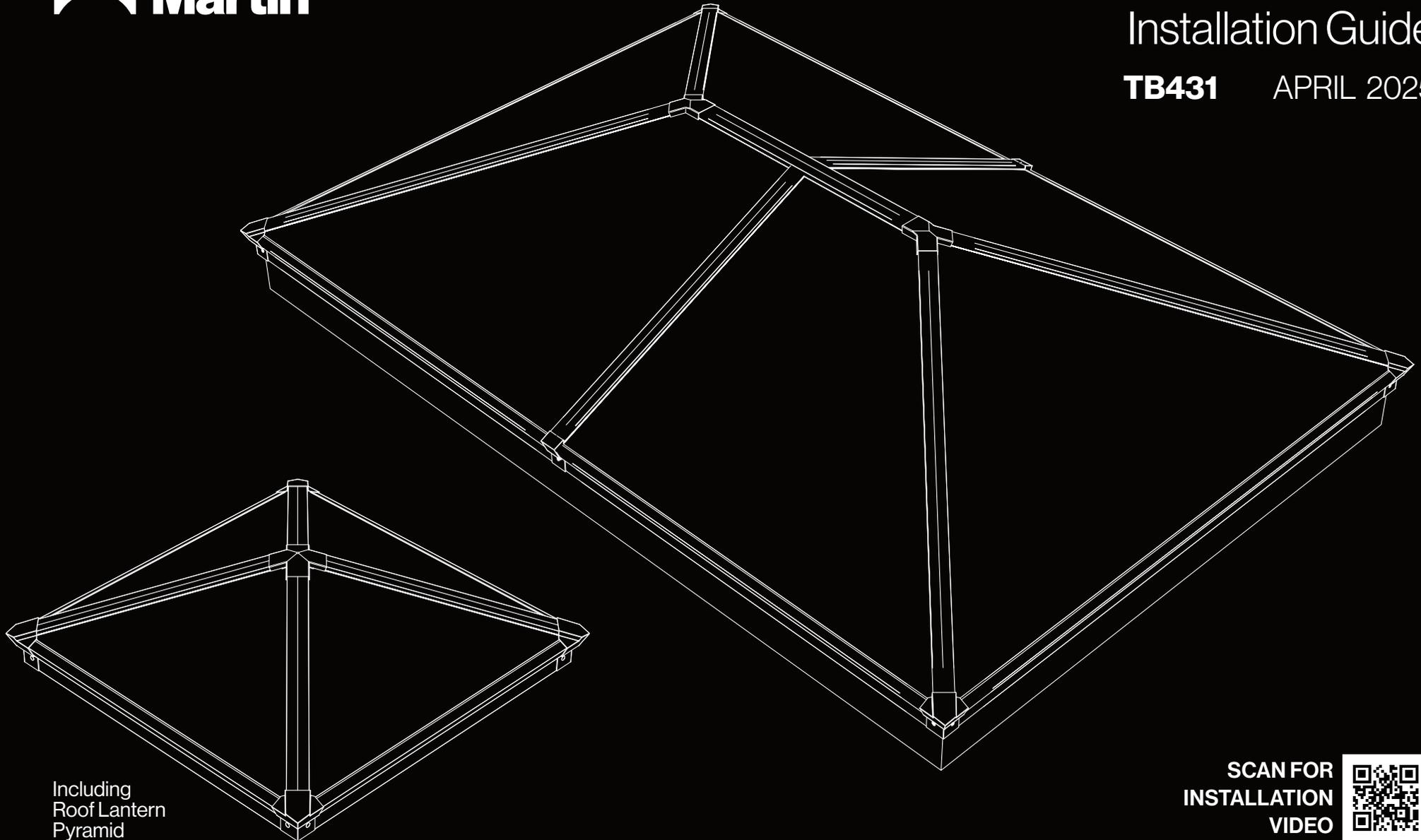




# Roof Lantern

Installation Guide

**TB431**    APRIL 2025



Including  
Roof Lantern  
Pyramid

SCAN FOR  
INSTALLATION  
VIDEO

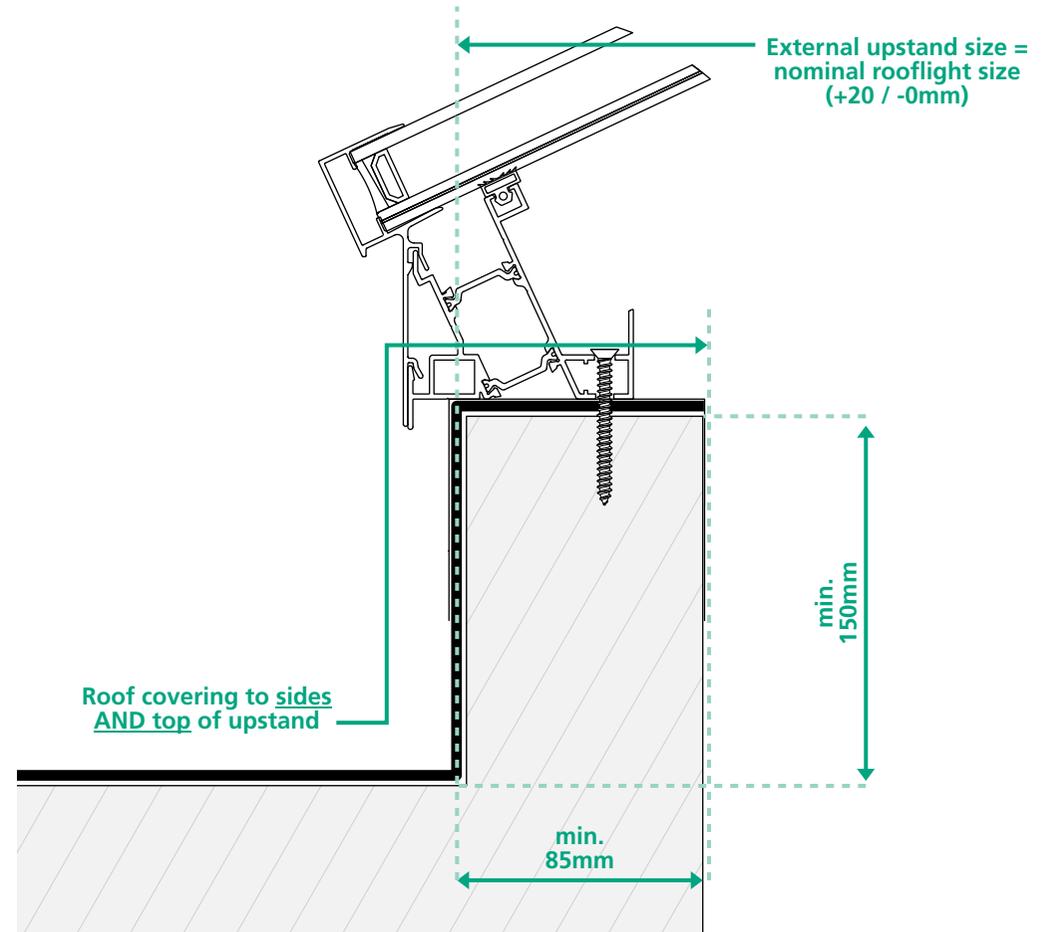
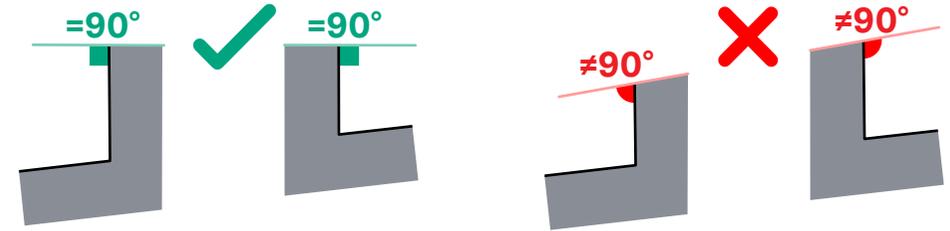
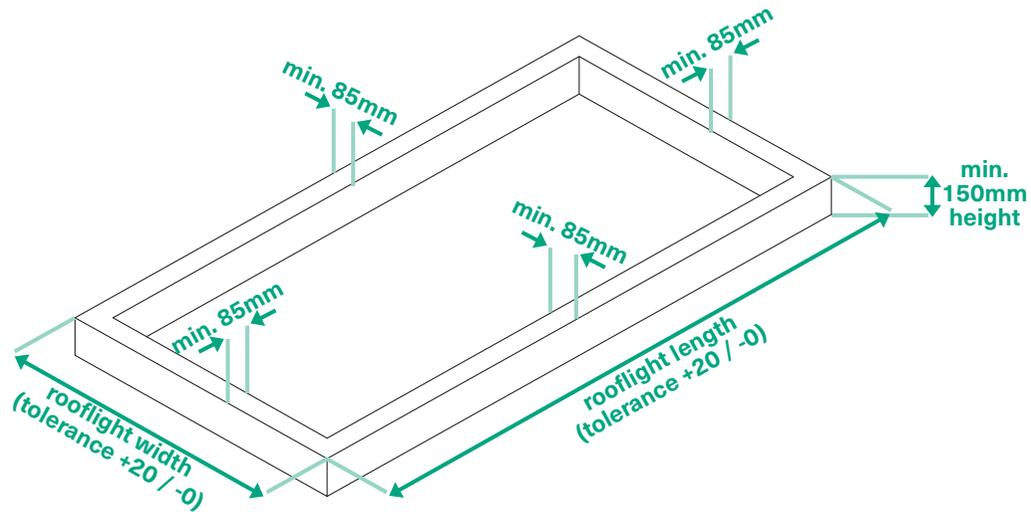


# Upstand Requirements

Construct finished, insulated and weathered builder's upstand to dimensions shown.

Roof covering must cover **side and top** of insulated upstand in accordance with manufacturer's installation recommendations. There should be no excessive build-up of layers, and the top surface should be level and free from protrusions or projections which may prevent adequate weatherproofing.

Roof Lantern rooflights are intended for installation onto a fully weathered and insulated builder's 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**

# Technical Support

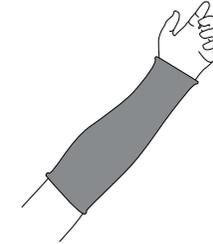
For any technical information/queries please contact your supplier. The manufacturer operates a policy of continuous product improvement, and reserves the right to alter specifications at any time without notice. Every effort has been taken to ensure all details contained in this document are correct at the time of going to press but this document should be used only as a guide and does not in any way form part of a contract or warranty. It is the customer's responsibility to ensure that the product is suitable for the actual conditions of use, which are beyond the control of the manufacturer.

# Safety Equipment Required



Safety Gloves  
Cut level 5 or E gloves

Required as per following standards  
EN 288; EN ISO 21420



Cut Resistant  
Sleeves



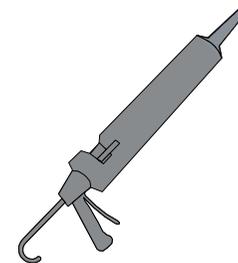
Safety Glasses

# Tools Required

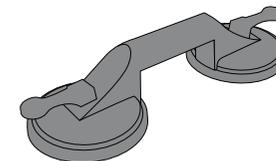


Electric  
Screwdriver

NO IMPACT DRIVERS

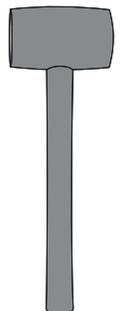


Sealant



Glass Sucker(s)

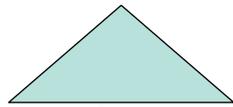
Recommended for  
larger sizes



Rubber Mallet

# Contents

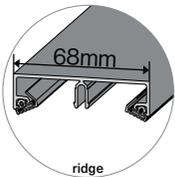
## 4 pane lantern



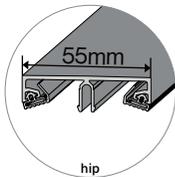
**2 x**  
Glass Triangle



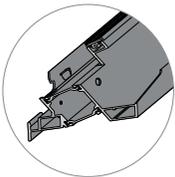
**2 x**  
Glass Trapezium  
(4 pane option only)



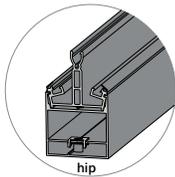
**1 x**  
Ridge Outer



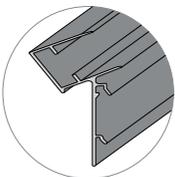
**4 x**  
Hip Outer



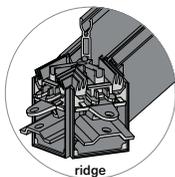
**4 x**  
Kerb Bar



**4 x**  
Hip Inner



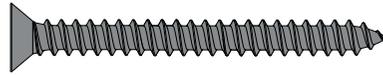
**4 x**  
Glass Stop



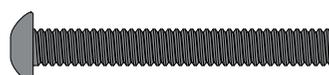
**1 x**  
Ridge Inner

## Components Box (only use fixings supplied)

**30 x**  
50mm Kerb Screws



**8 x**  
M6x40mm  
Kerb Bolts



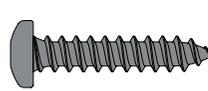
**4 x**  
M6x40mm  
Hip Bolts



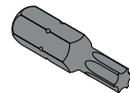
**2 x**  
M6x25mm  
Glazing Clamp Bolts



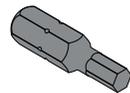
**8 x**  
No. 10x25mm  
Outer Cap Screws



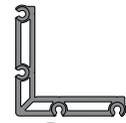
**16 x**  
M6x10mm  
Corner Cleat Bolts



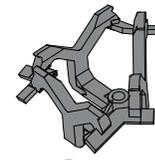
**1 x**  
T-25 Torx  
Driver Bit



**1 x**  
4mm Hex  
Driver Bit



**8 x**  
Corner Cleat



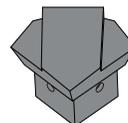
**2 x**  
Glazing Clamp



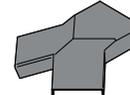
**30 x**  
Kerb Screw Cap



**8 x**  
Cover Cap

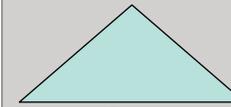


**4 x**  
Hip Cap

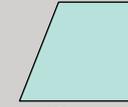


**2 x**  
Ridge Cap

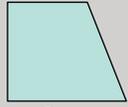
## 6 pane lantern



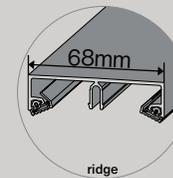
**2 x**  
Glass Triangle



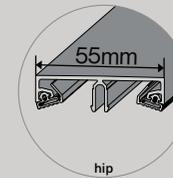
**2 x**  
Left Glass Trapezium



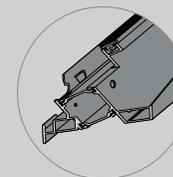
**2 x**  
Right Glass Trapezium



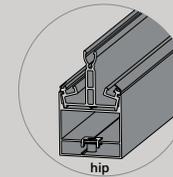
**1 x**  
Ridge Outer



**4 x**  
Hip Outer



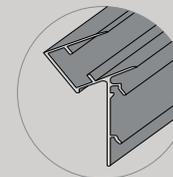
**4 x**  
Kerb Bar



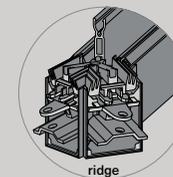
**4 x**  
Hip Inner



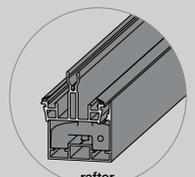
**2 x**  
Rafter Outer



**6 x**  
Glass Stop



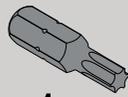
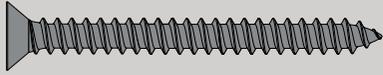
**1 x**  
Ridge Inner



**2 x**  
Rafter Inner

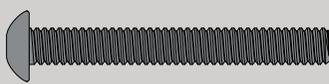
### Components Box (only use fixings supplied)

30 x  
50mm Kerb Screws

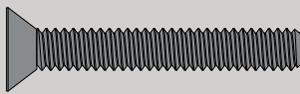


1 x  
T-25 Torx  
Driver Bit

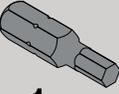
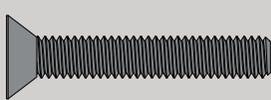
10 x  
M6x40mm  
Kerb Bolts



4 x  
M6x40mm  
Hip Bolts

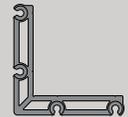


2 x  
M6x35mm  
Rafter Bolts  
(black bolt)



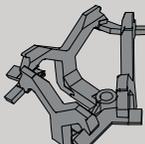
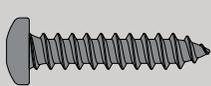
1 x  
4mm Hex  
Driver Bit

2 x  
M6x25mm  
Glazing Clamp Bolts



8 x  
Corner Cleat

10 x  
No. 10x25mm  
Outer Cap Screws



2 x  
Glazing Clamp

16 x  
M6x10mm  
Corner Cleat Bolts



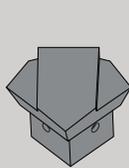
30 x  
Kerb Screw Cap



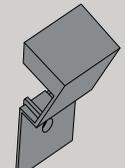
10 x  
Cover Cap



4 x  
Hip Cap



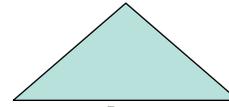
2 x  
Rafter Cap



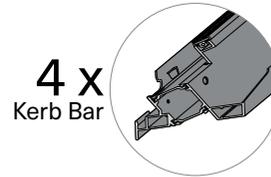
2 x  
Ridge Cap



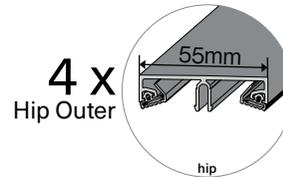
### Pyramid



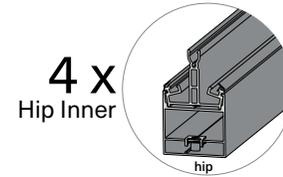
4 x  
Glass Triangle



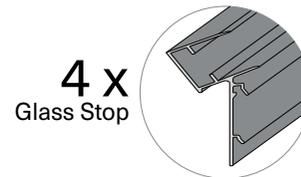
4 x  
Kerb Bar



4 x  
Hip Outer



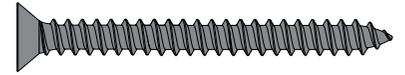
4 x  
Hip Inner



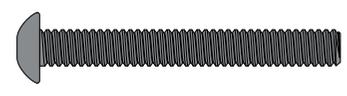
4 x  
Glass Stop

### Components Box (only use fixings supplied)

30 x  
50mm Kerb Screws



8 x  
M6x40mm  
Kerb Bolts



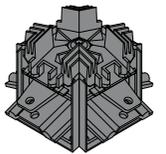
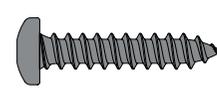
4 x  
M6x40mm  
Hip Bolts



1 x  
M6x25mm  
Glazing Clamp Bolt

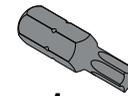


8 x  
No. 10x25mm  
Outer Cap Screws

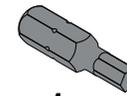


1 x  
Inner Casting

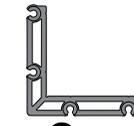
16 x  
M6x10mm  
Corner Cleat Bolts



1 x  
T-25 Torx  
Driver Bit



1 x  
4mm Hex  
Driver Bit

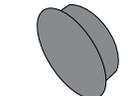


8 x  
Corner Cleat

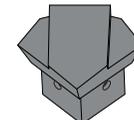


1 x  
Glazing Clamp

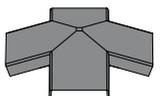
30 x  
Kerb Screw Cap



8 x  
Cover Cap



4 x  
Hip Cap

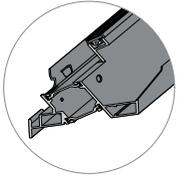


1 x  
Ridge Cap

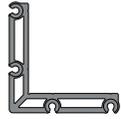
# 1. Assemble base frame



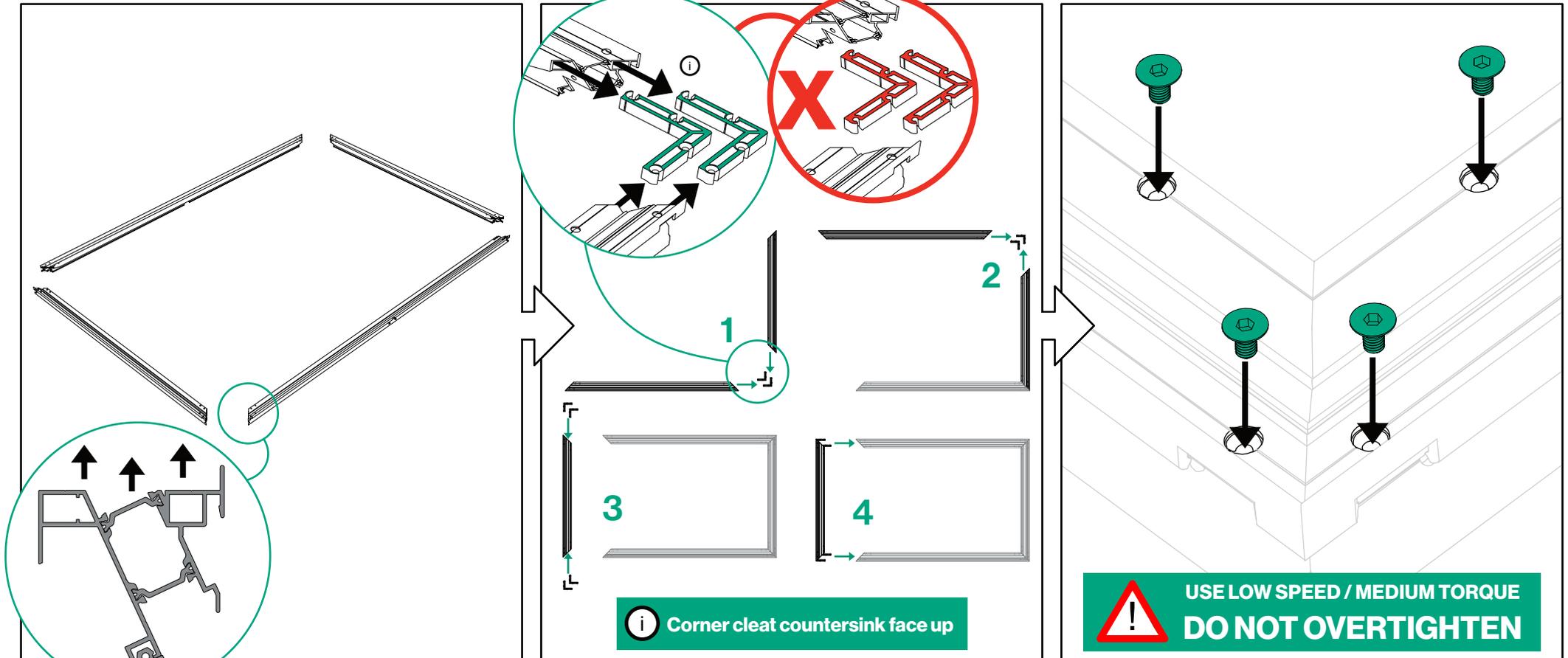
16 x  
M6x10mm  
Corner Cleat Bolts



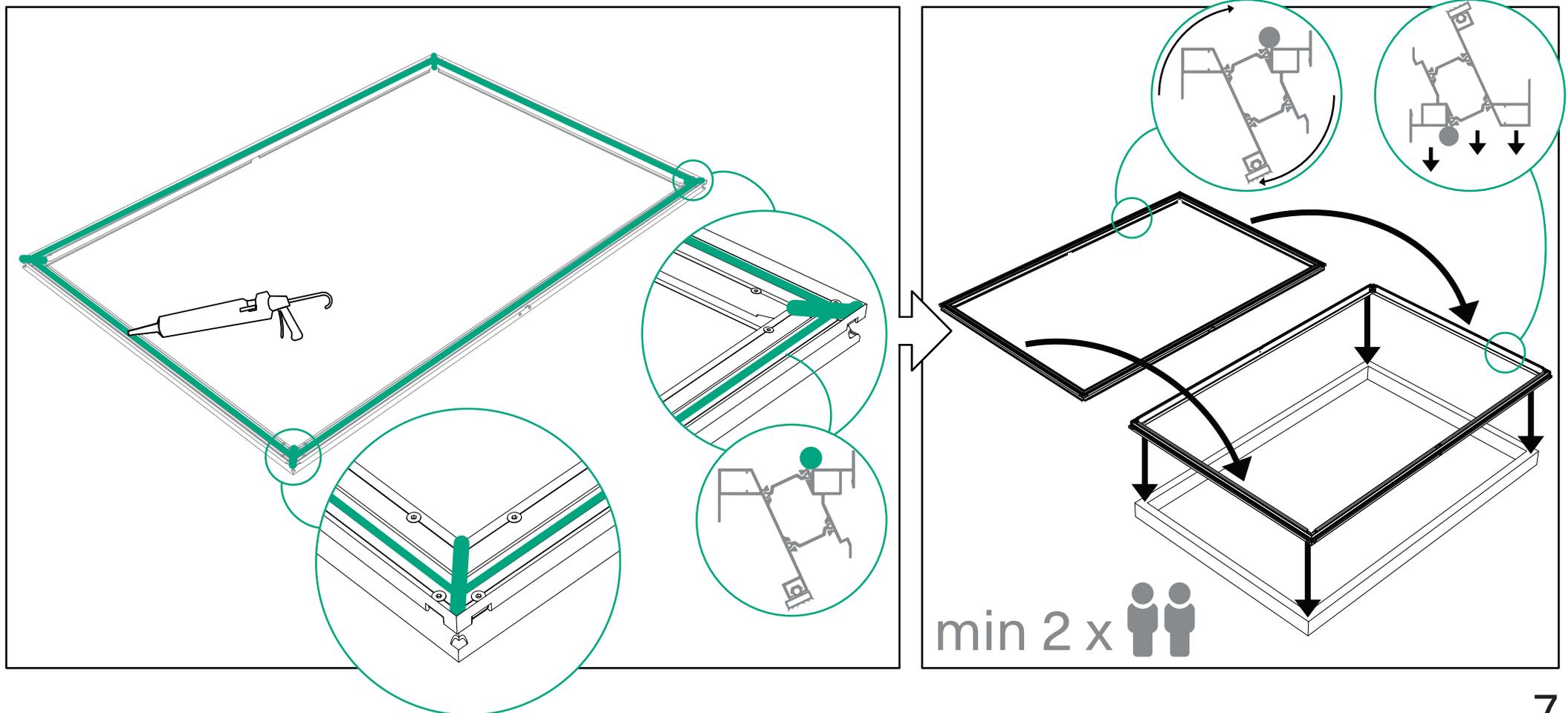
4 x  
Kerb Bar



8 x  
Corner Cleat



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



# 3. Connect spider frame

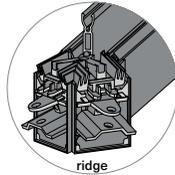
4 & 6 pane lantern only



4 x  
M6x40mm  
Hip Bolts



4 x  
Hip Inner

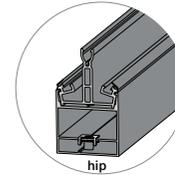


1 x  
Ridge Inner

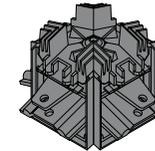
Pyramid only



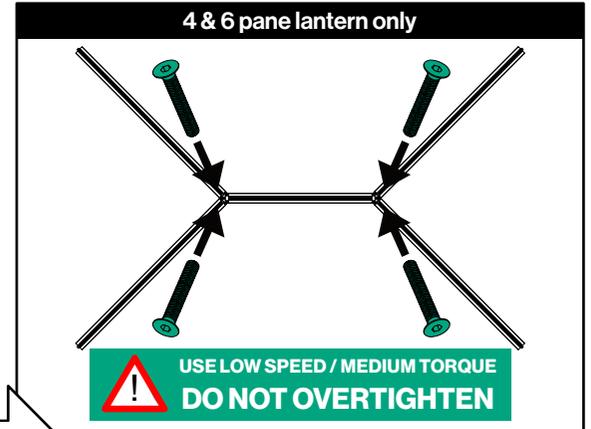
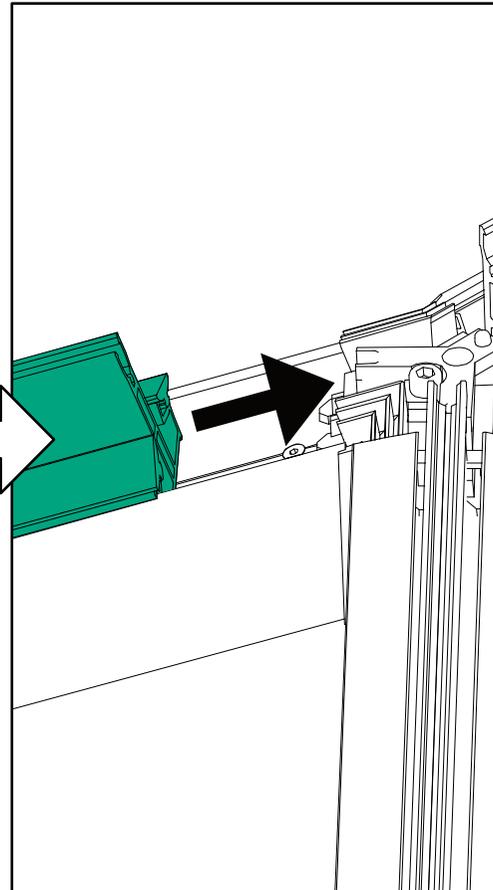
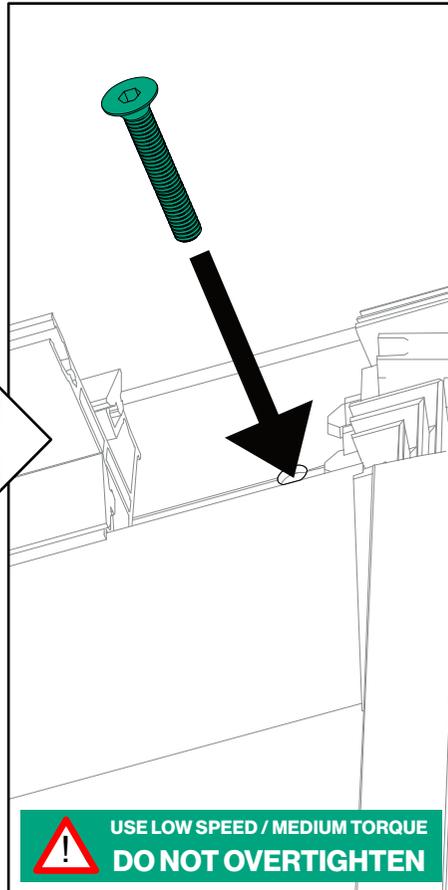
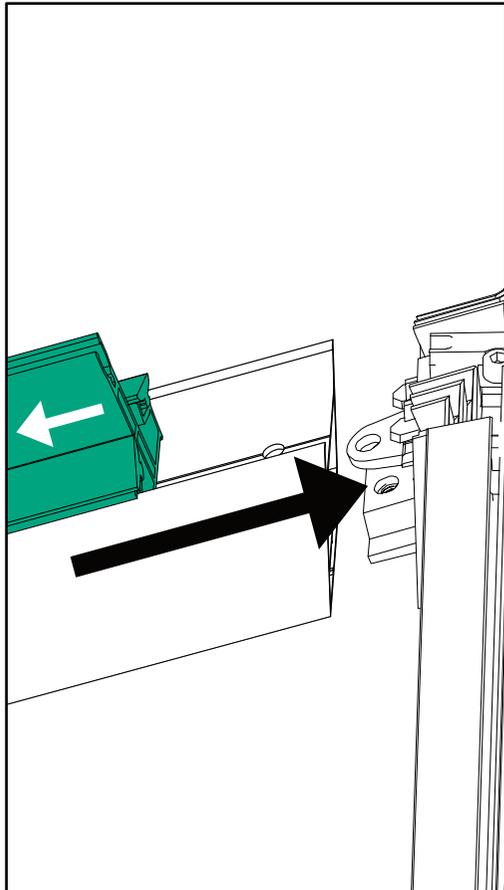
4 x  
M6x40mm  
Hip Bolts



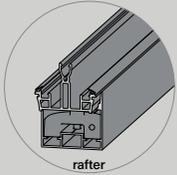
4 x  
Hip Inner



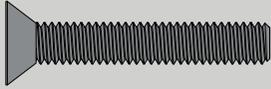
1 x  
Inner Casting



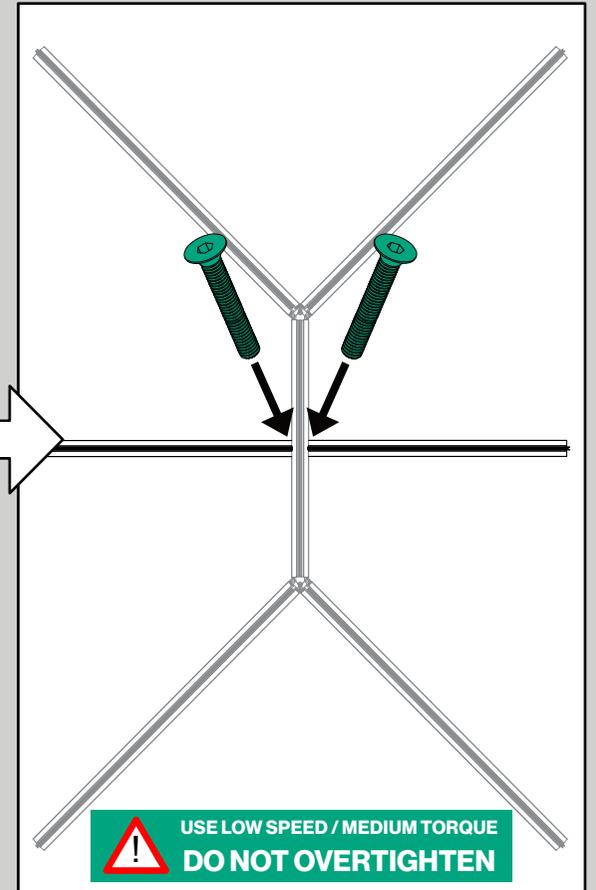
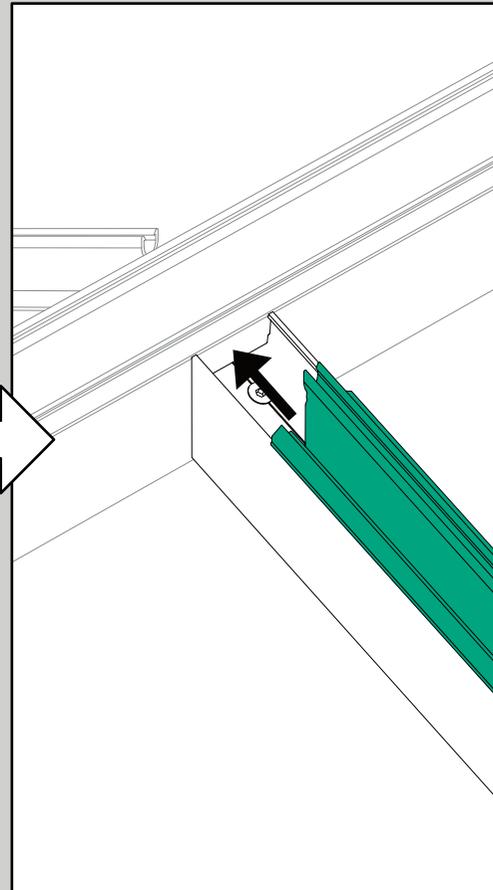
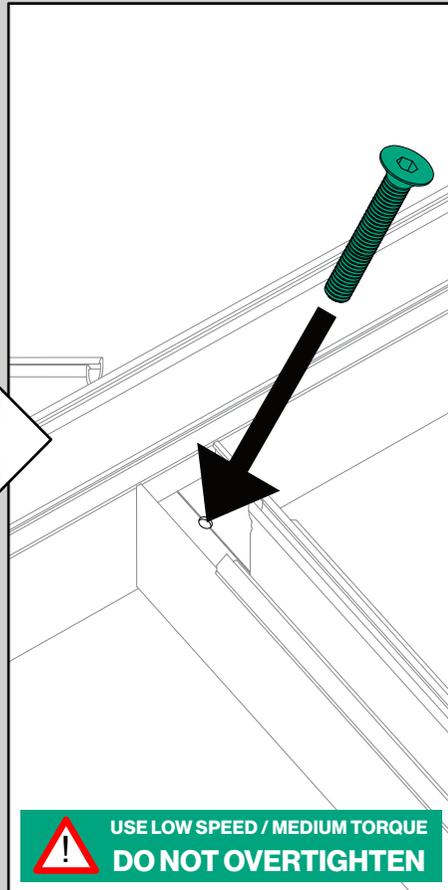
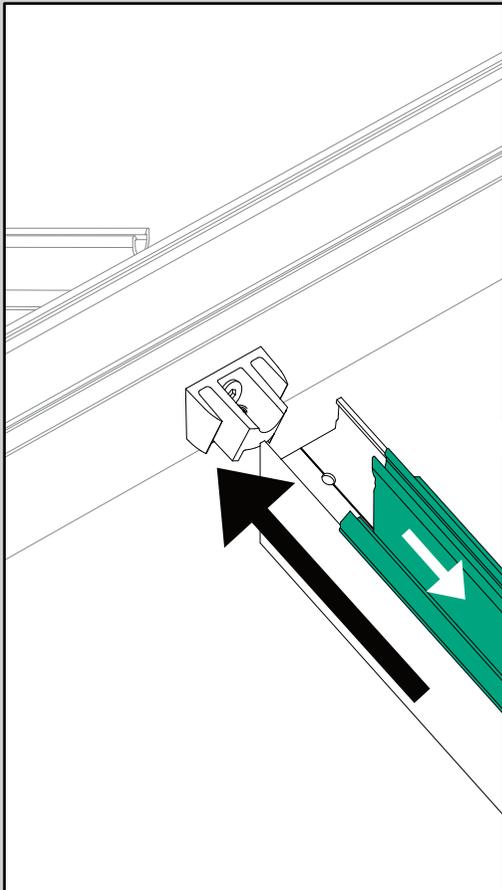
# 6 pane lantern only



2 x  
Rafter Inner

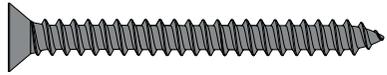


2 x  
M6x35mm  
Rafter Bolts  
(black bolt)

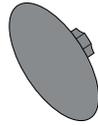




# 5. Fix unit to upstand through pre-drilled holes

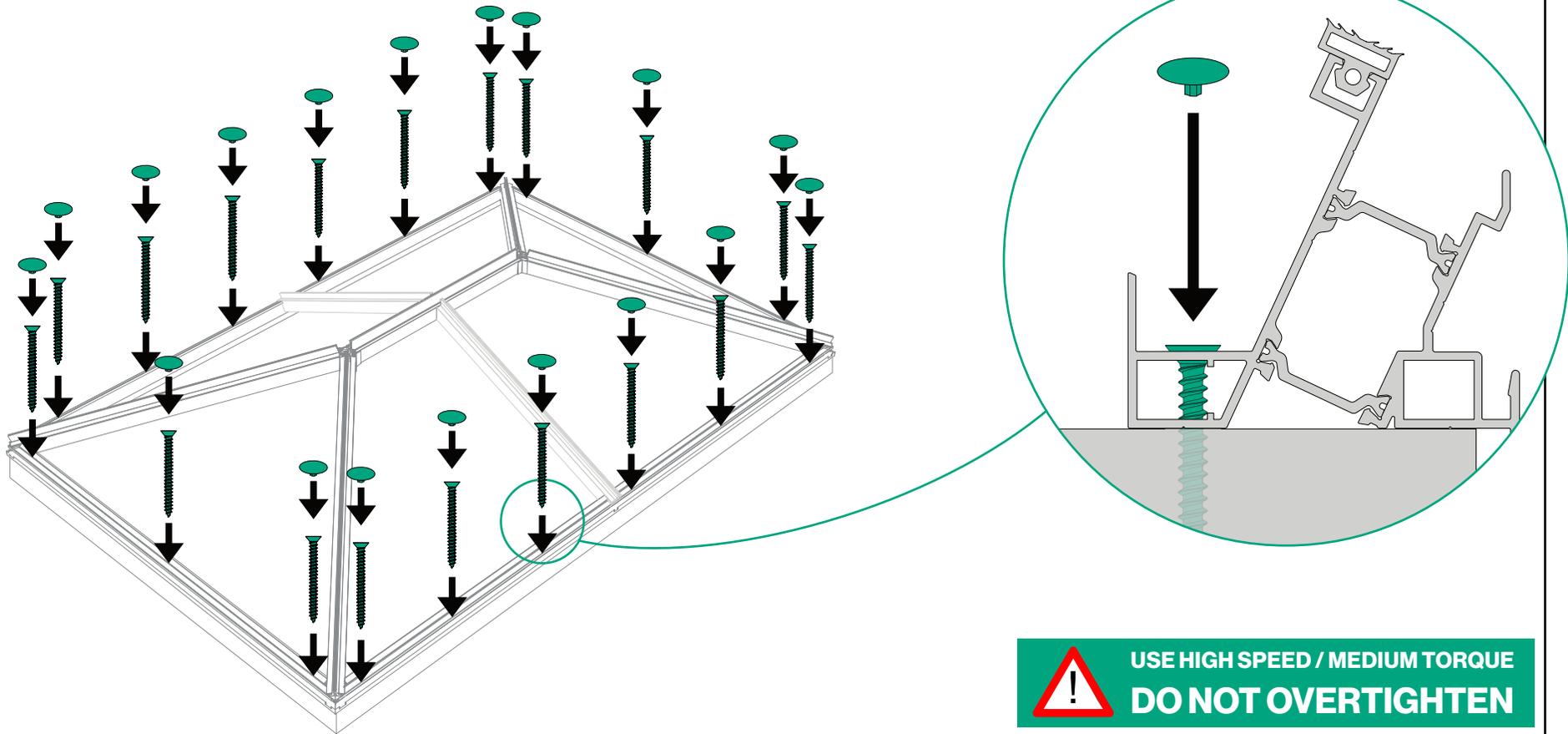


30 x  
50mm Kerb Screws



30 x  
Kerb Screw Caps

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



# 6. Prepare glass

**4 pane lantern only**

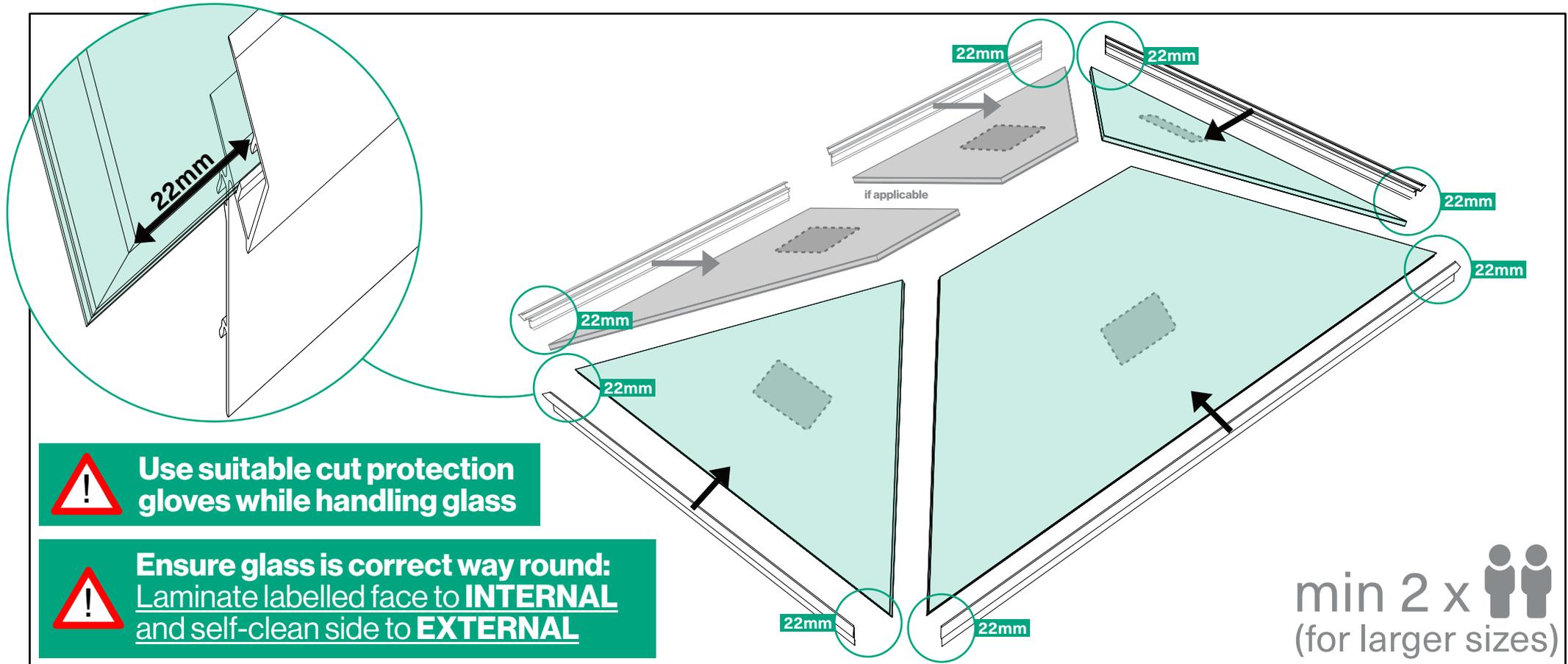
4 x Glass Stop      2 x Glass Trapezium      2 x Glass Triangle

**6 pane lantern only**

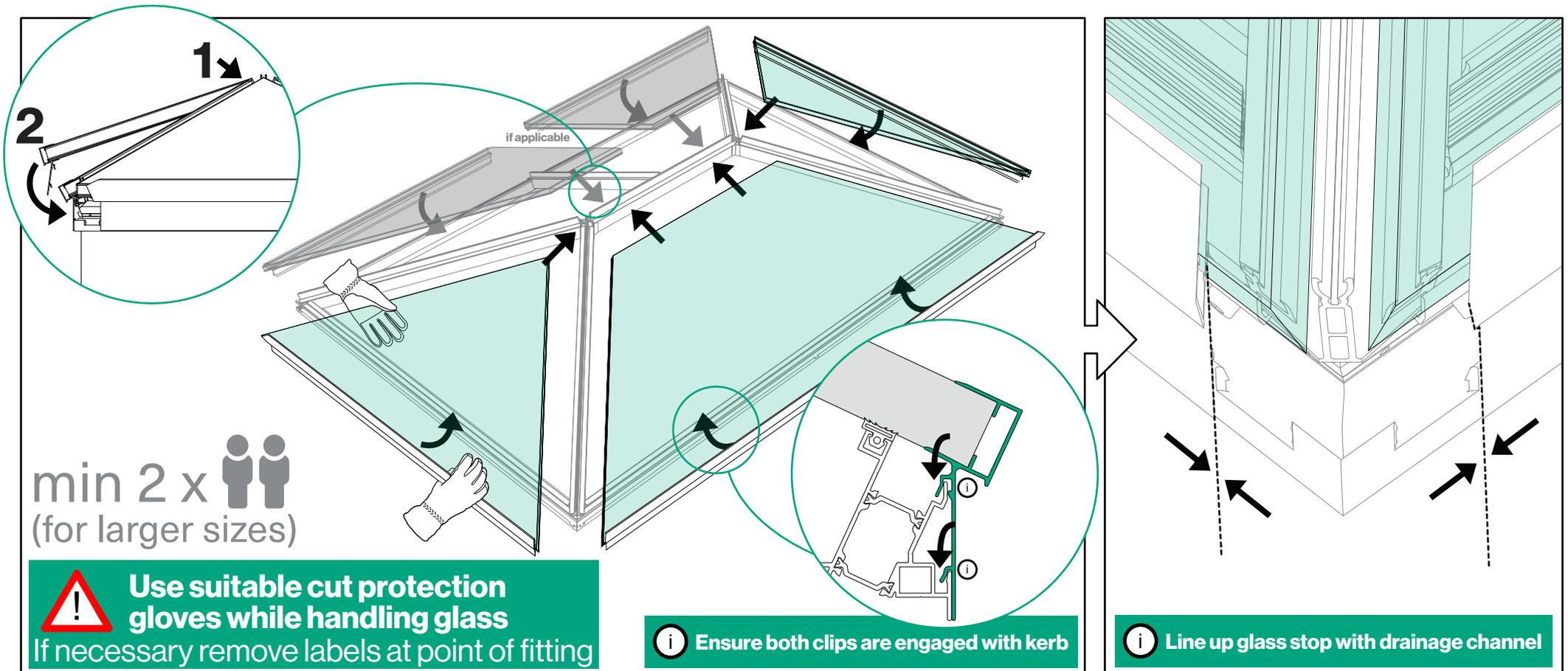
6 x Glass Stop      2 x Glass Triangle      2 x Left Glass Trapezium      2 x Right Glass Trapezium

**Pyramid only**

4 x Glass Stop      4 x Glass Triangle

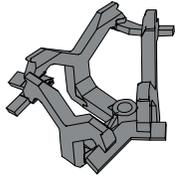


# 7. Fit glass to frame and align corners



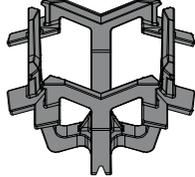
# 8. Position glazing clamps

4 & 6 pane lantern only



2 x  
Glazing Clamp

Pyramid only

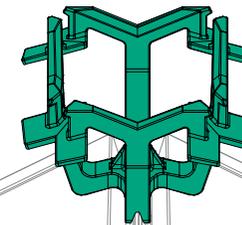


1 x  
Glazing Clamp

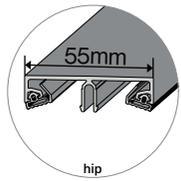
4 & 6 pane lantern only



Pyramid only

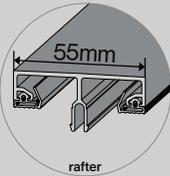


# 9. Align and clip on hip outers (and rafter outers for 6 pane lantern)

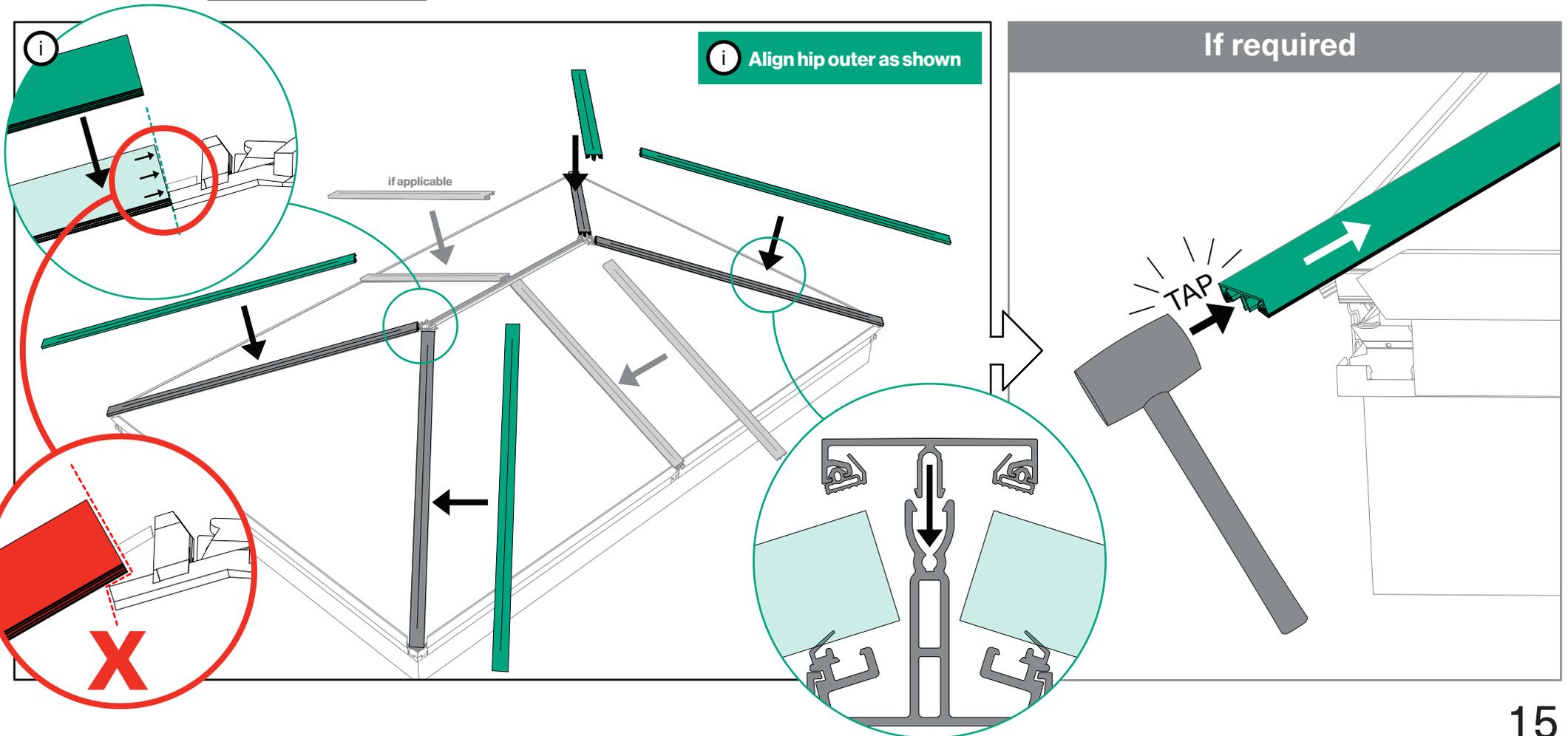


4 X  
Hip Outer

6 pane lantern only



2 X  
Rafter Outer

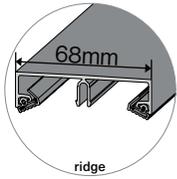


# 10. Align and clip on ridge outer and fix down glazing clamps

4 & 6 pane lantern only



2 x  
M6x25mm  
Glazing Clamp Bolts



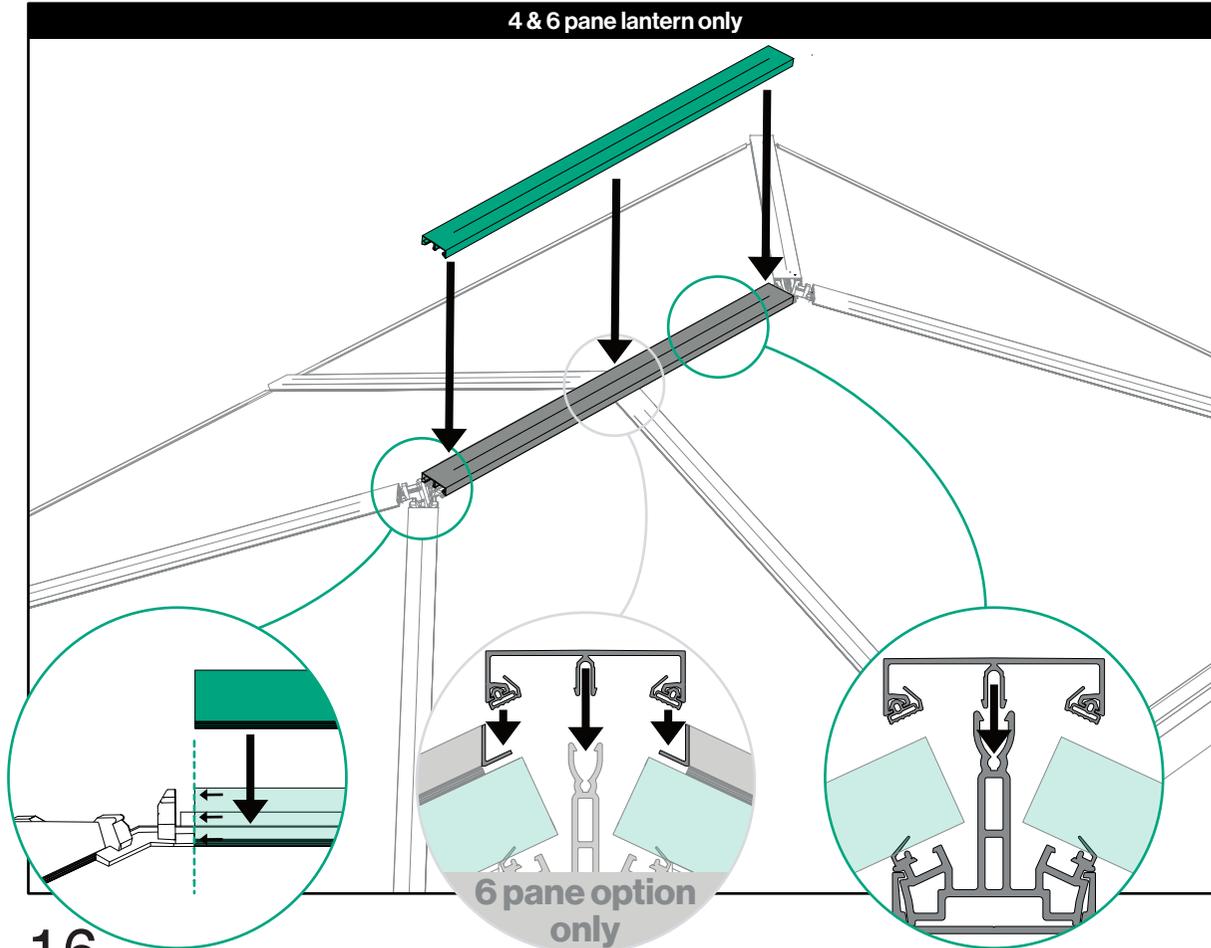
1 x  
Ridge Outer

Pyramid only

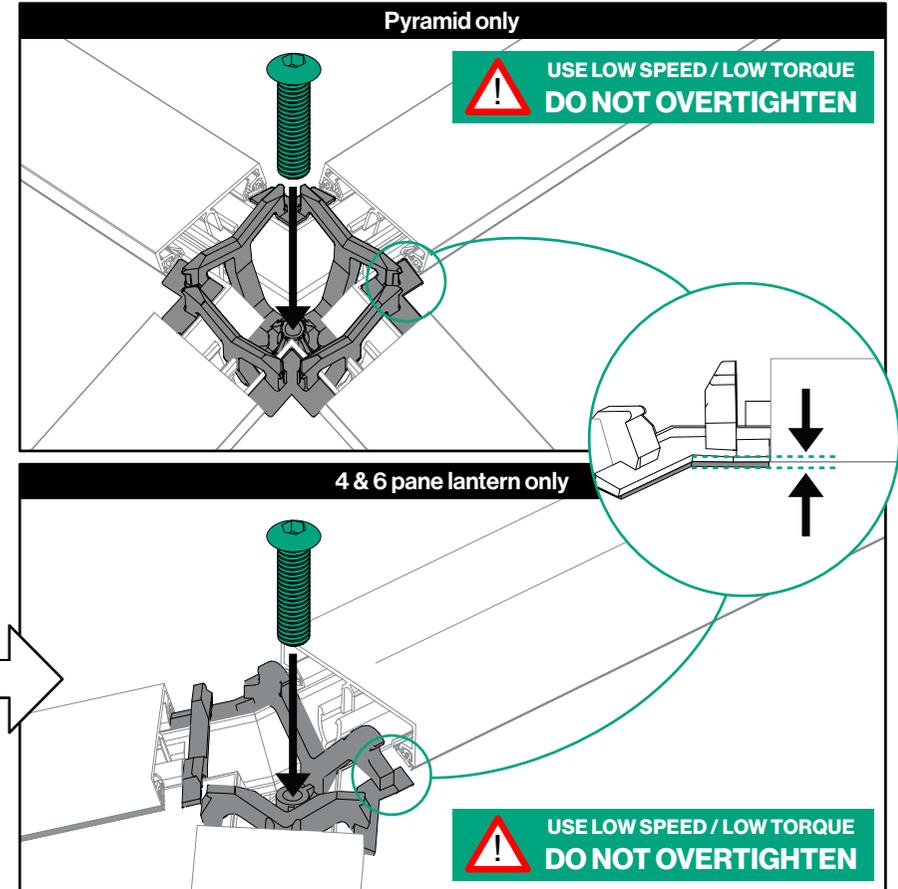


1 x  
M6x25mm  
Glazing Clamp Bolt

4 & 6 pane lantern only



Pyramid only



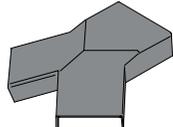
 USE LOW SPEED / LOW TORQUE  
DO NOT OVERTIGHTEN

4 & 6 pane lantern only

 USE LOW SPEED / LOW TORQUE  
DO NOT OVERTIGHTEN

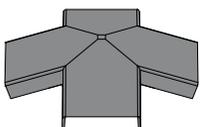
# 11. Clip on ridge caps

**4 & 6 pane lantern only**

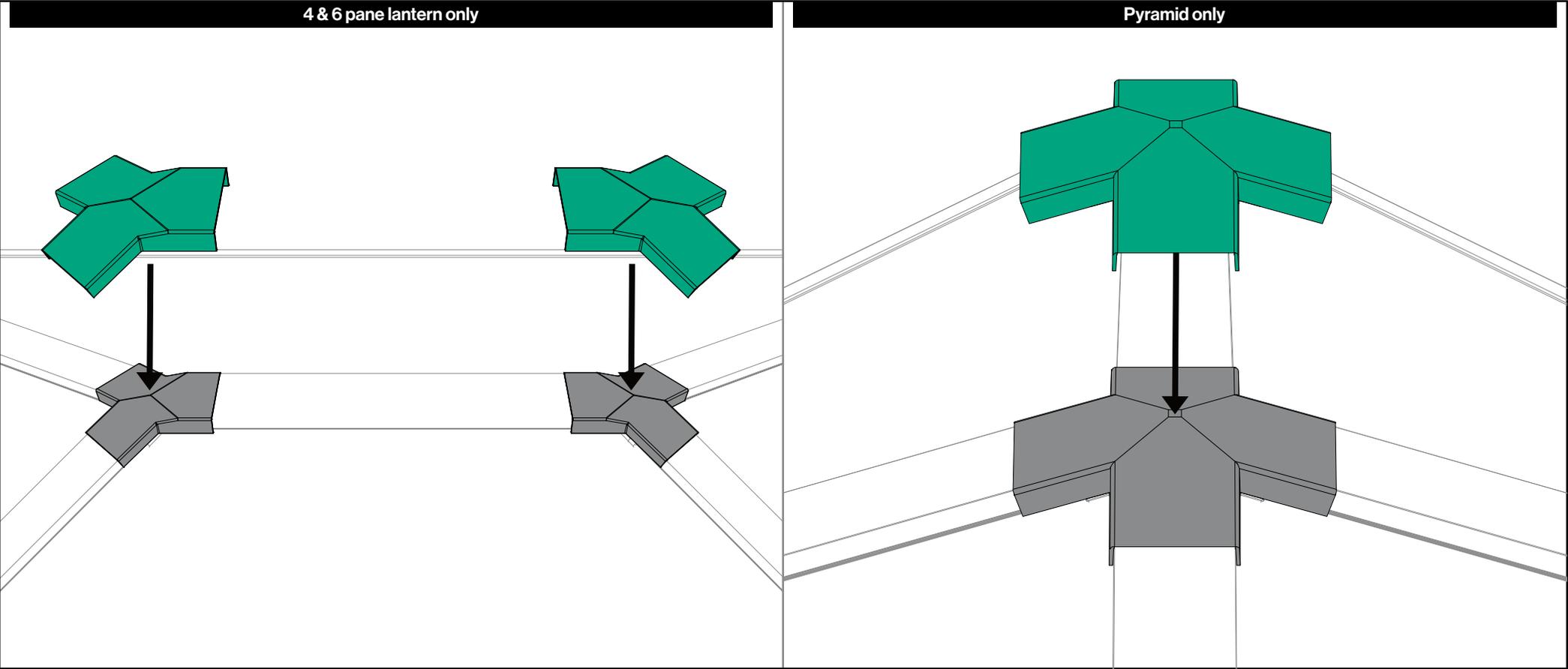


**2 x**  
Ridge Cap

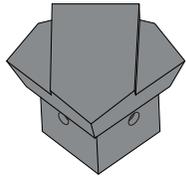
**Pyramid only**



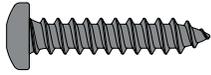
**1 x**  
Ridge Cap



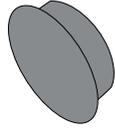
# 12. Attach hip caps



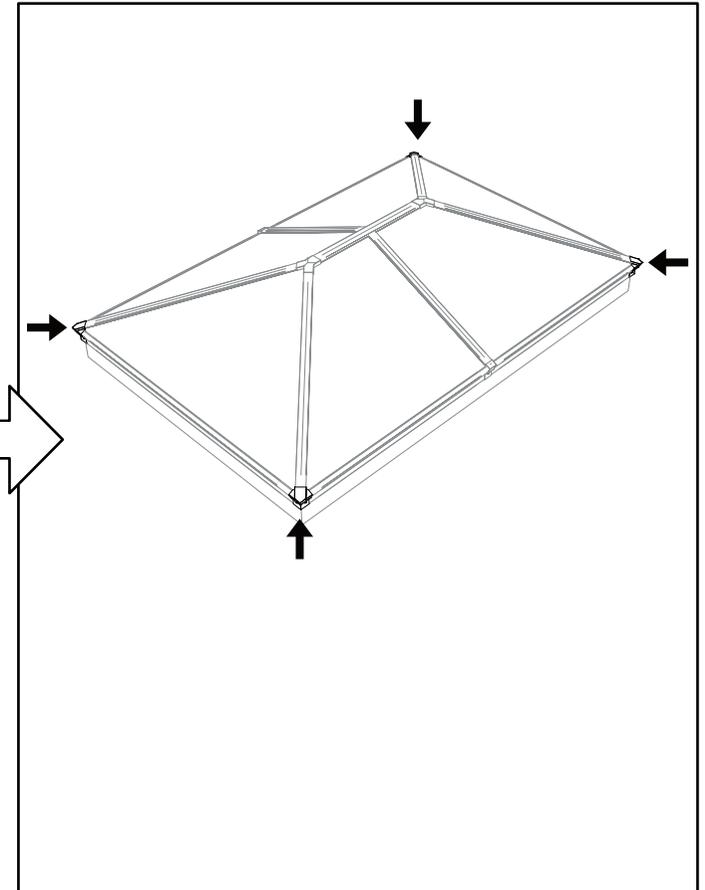
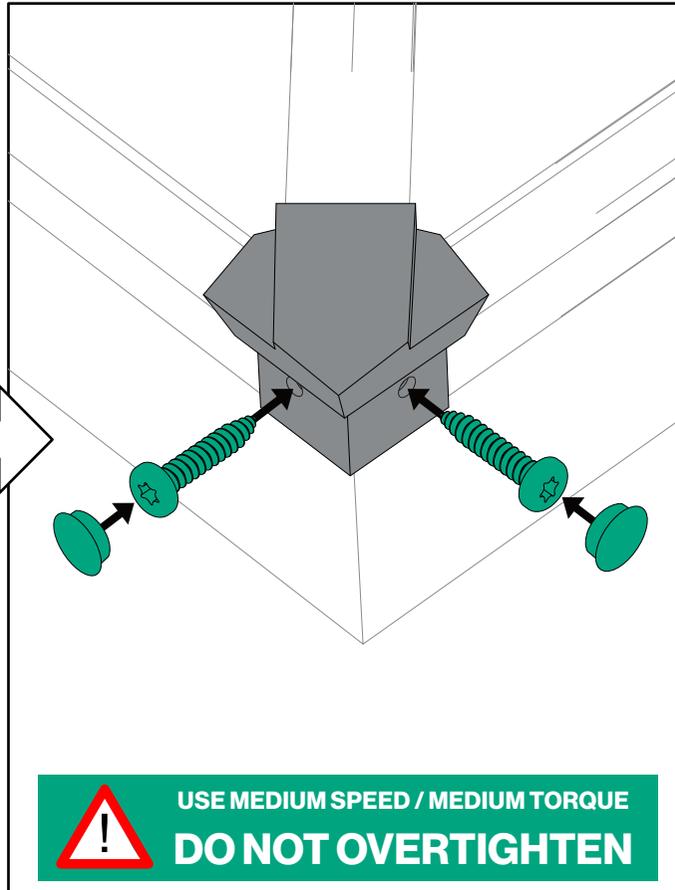
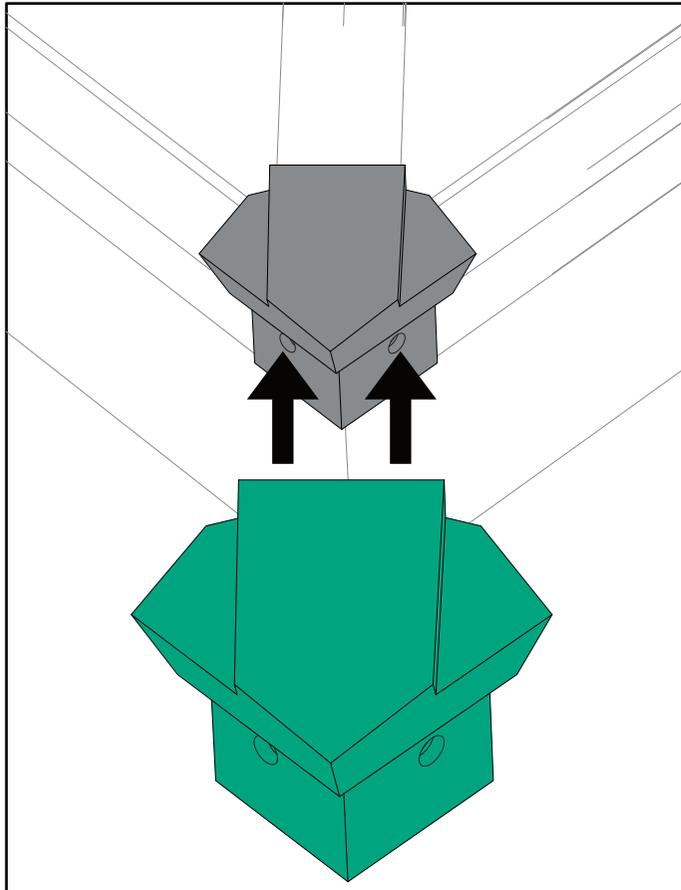
4 X  
Hip Cap



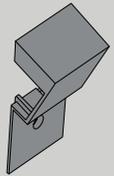
8 X  
No. 10x25mm  
Outer Cap Screws



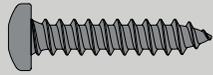
8 X  
Cover Cap



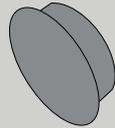
# 13. Attach rafter caps (6 pane lantern only)



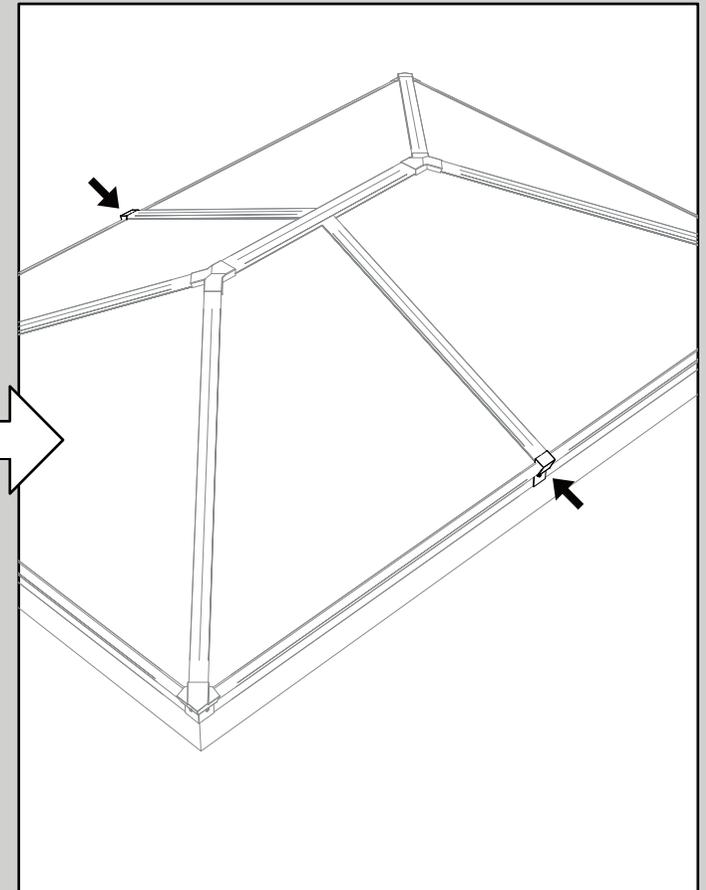
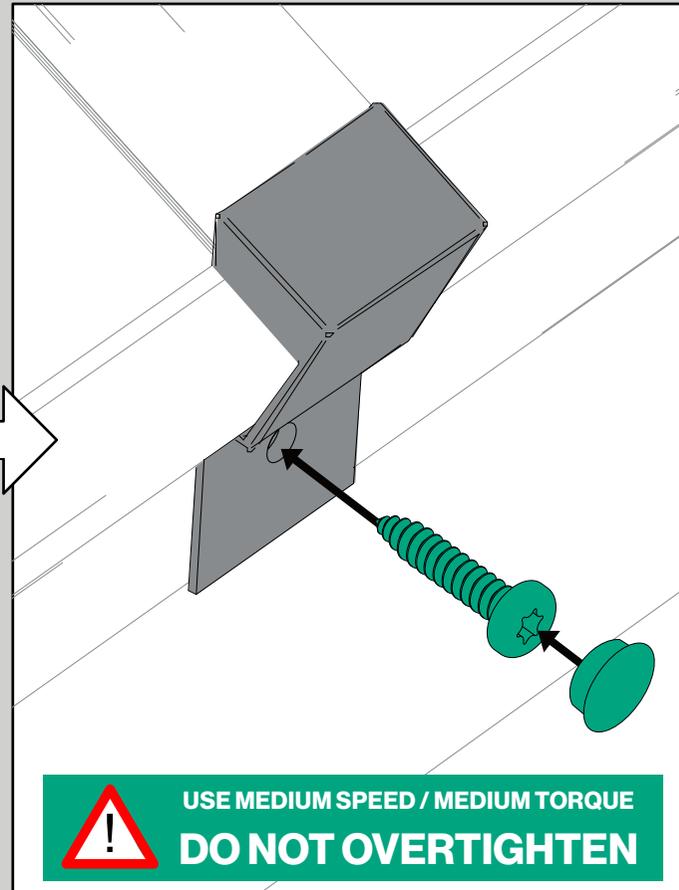
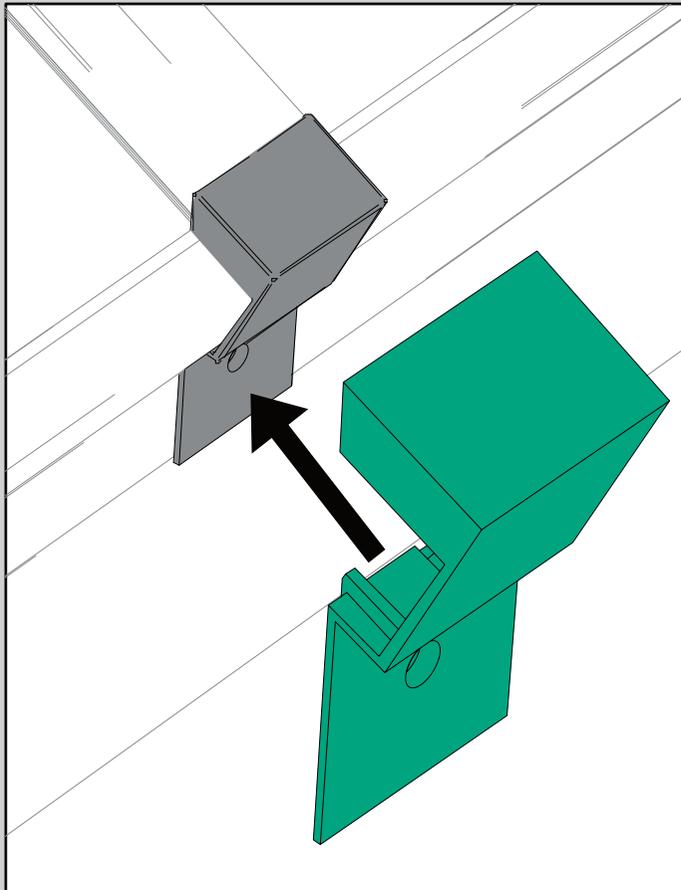
2 x  
Rafter Cap



2 x  
No. 10x25mm  
Outer Cap Screws



2 x  
Cover Cap





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