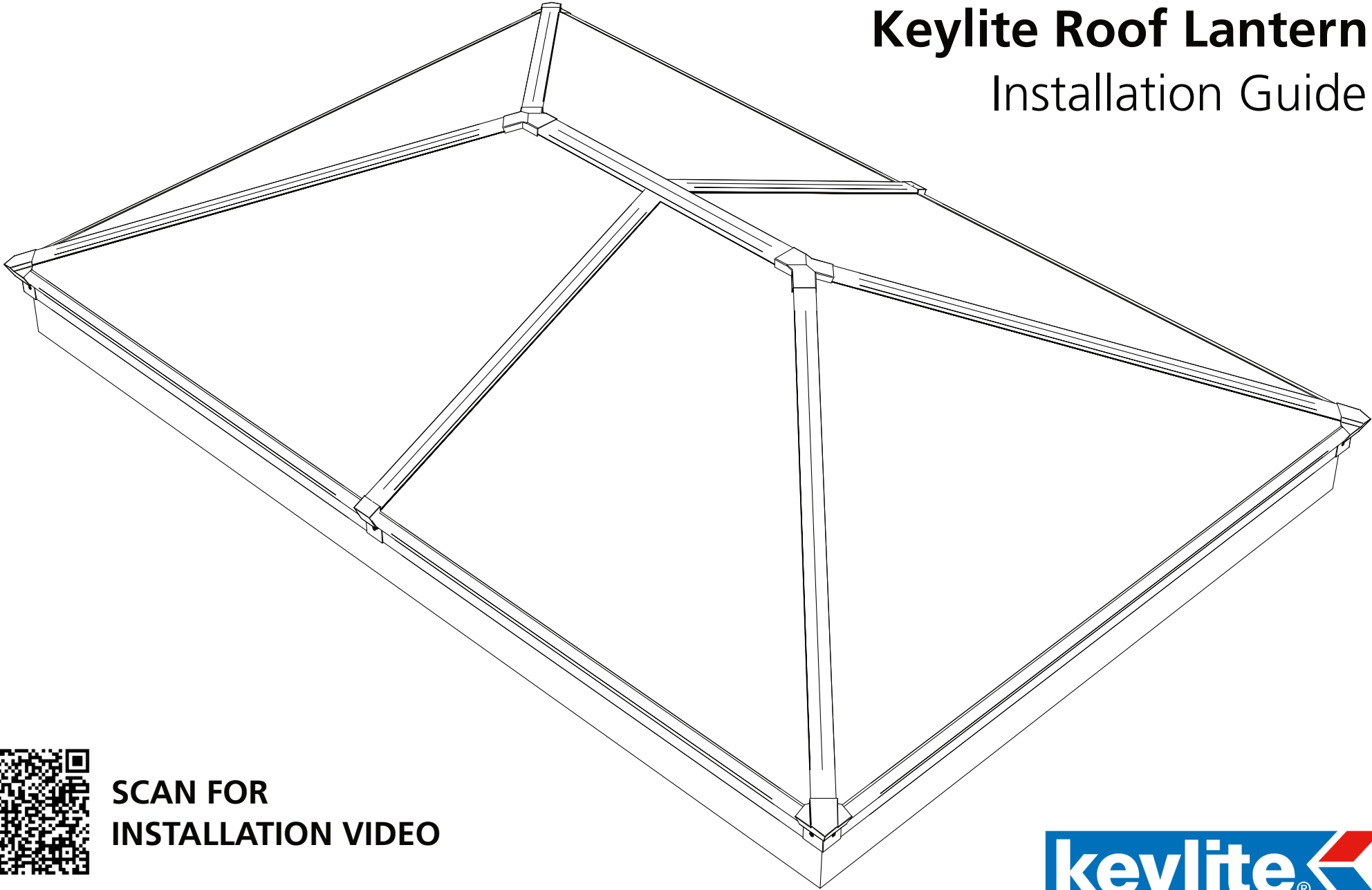


# Keylite Roof Lantern

## Installation Guide



**SCAN FOR  
INSTALLATION VIDEO**

JUNE 2024  
TB431



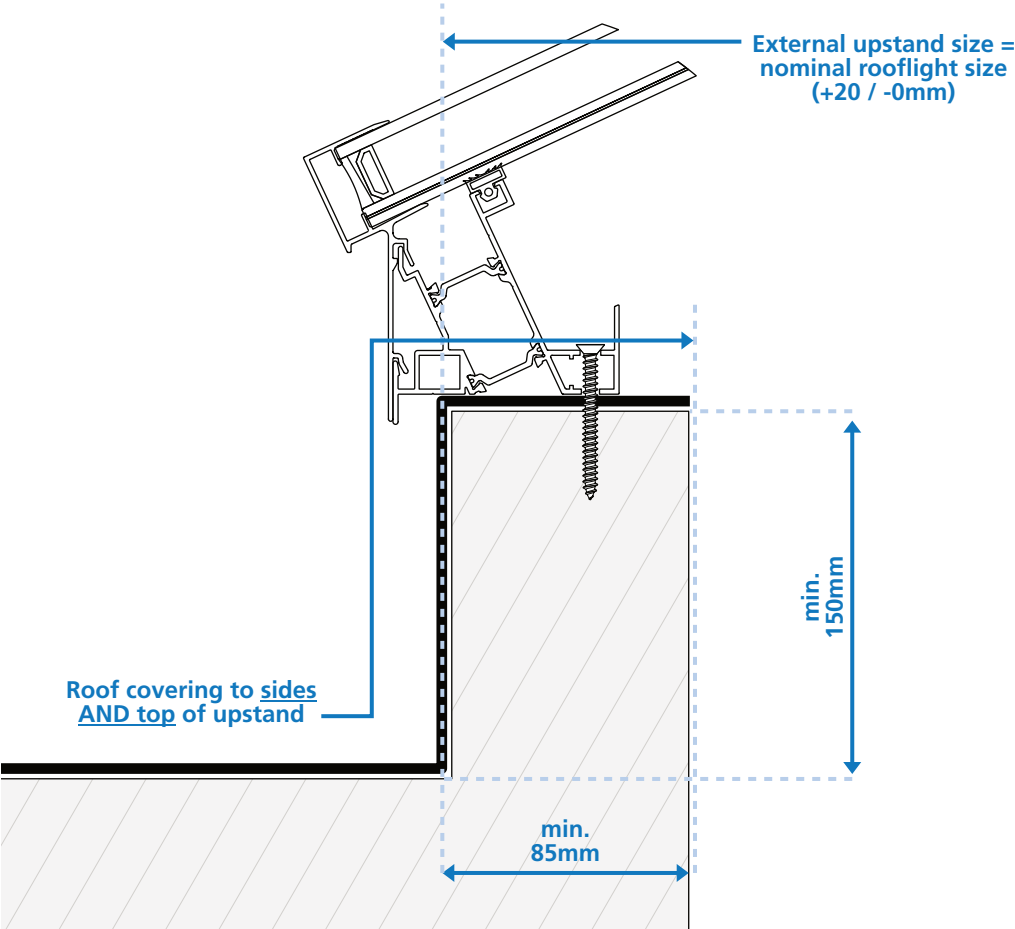
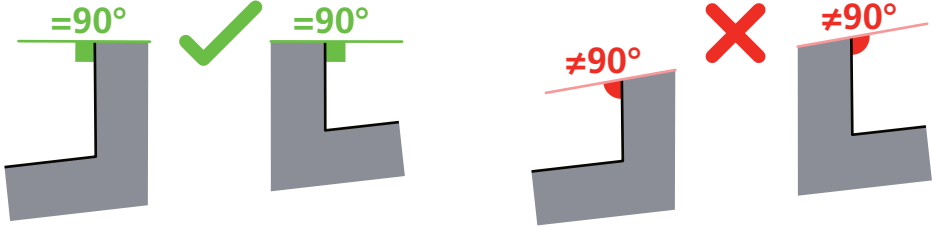
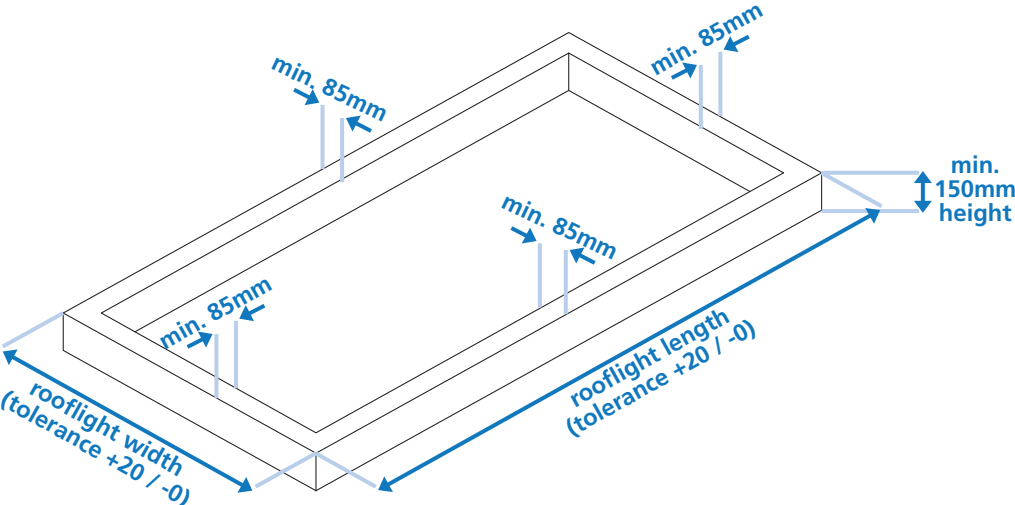
# Upstand Requirements

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.

Rooflight size is equal to external builders upstand size, with a tolerance of +20mm/-0mm. For example, for a 2000mm x 1000mm Lantern, the external builders upstand should measure 2000-2020mm long x 1000-1020mm wide.

Keylite Roof Lanterns 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

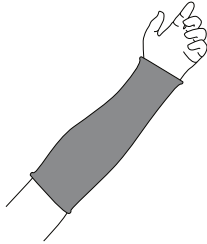
For any technical information/queries please contact your supplier. The manufacturer operates a policy of continuous product improvement, and reserves the right to alter specifications at any time without notice. Every effort has been taken to ensure all details contained in this document are correct 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

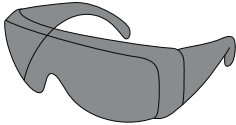


Safety Gloves  
Cut level 5 or E gloves

Required as per following standards  
EN 288; EN ISO 21420

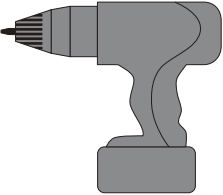


Cut Resistant  
Sleeves



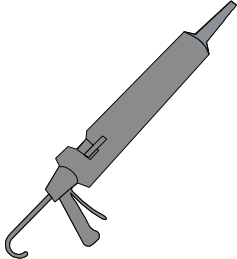
Safety Glasses

# Tools Required

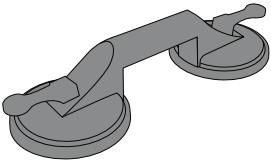


Electric  
Screwdriver

NO IMPACT DRIVERS

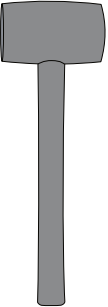


Sealant



Glass Sucker(s)

Recommended for  
larger sizes

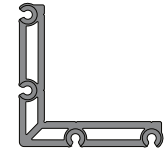
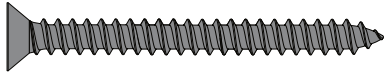


Rubber Mallet

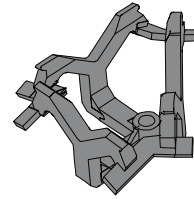
# Contents

## Components Box (only use fixings supplied)

30 x  
50mm Kerb Screws

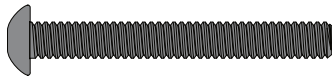


8 x  
Corner Cleat

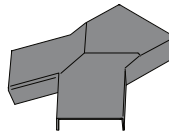
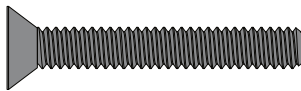


2 x  
Glazing Clamp

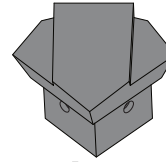
8 x  
M6x40mm  
Kerb Bolts



4 x  
M6x40mm  
Hip Bolts

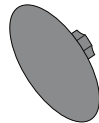


2 x  
Ridge Cap

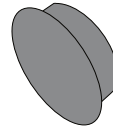


4 x  
Hip Cap

2 x  
M6x25mm  
Glazing Clamp Bolts

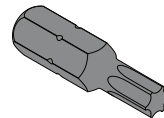
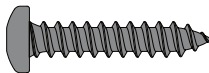


30 x  
Kerb Screw Cap

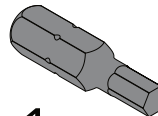


8 x  
Cover Cap

8 x  
No. 10x25mm  
Outer Cap Screws

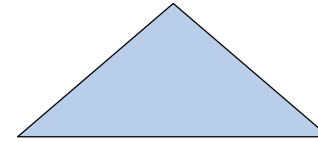


1 x  
T-25 Torx  
Driver Bit



1 x  
4mm Hex  
Driver Bit

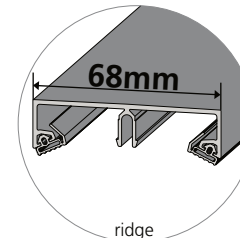
16 x  
M6x10mm  
Corner Cleat Bolts



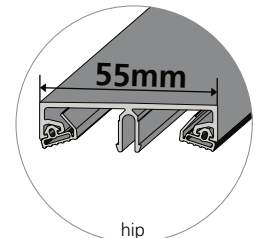
2 x  
Glass Triangle



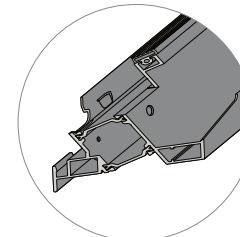
2 x  
Glass Trapezium  
(4 pane option only)



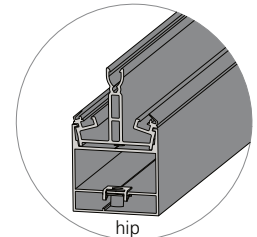
1 x  
Ridge Outer



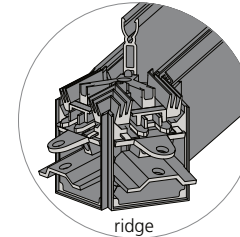
4 x  
Hip Outer



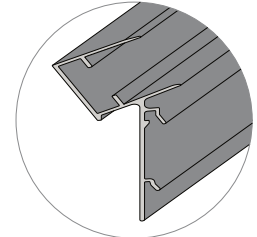
4 x  
Kerb Bar



4 x  
Hip Inner



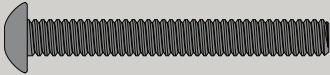
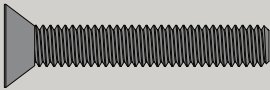
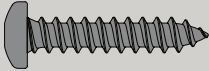
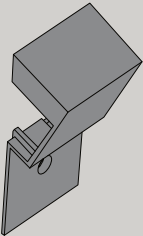
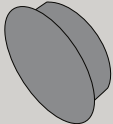
1 x  
Ridge Inner

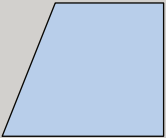


4 x  
Glass Stop

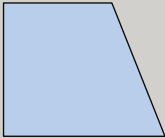
# Additional contents - 6 pane option only

**Components Box**

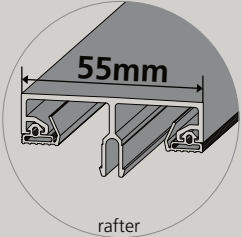
- + 2 M6x40mm Kerb Bolts 
- 2 x M6x35mm Rafter Bolts 
- + 2 No. 10x25mm Outer Cap Screws 
- 2 x Rafter Cap 
- + 2 Cover Cap 



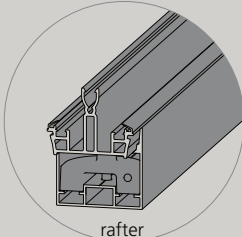
2 x  
Left Glass Trapezium



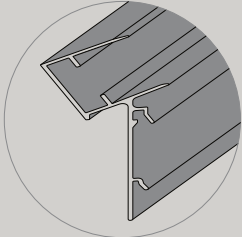
2 x  
Right Glass Trapezium



rafter  
2 x  
Rafter Outer



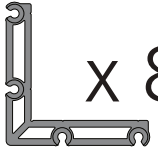
rafter  
2 x  
Rafter Inner

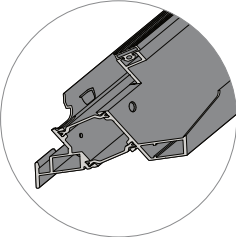


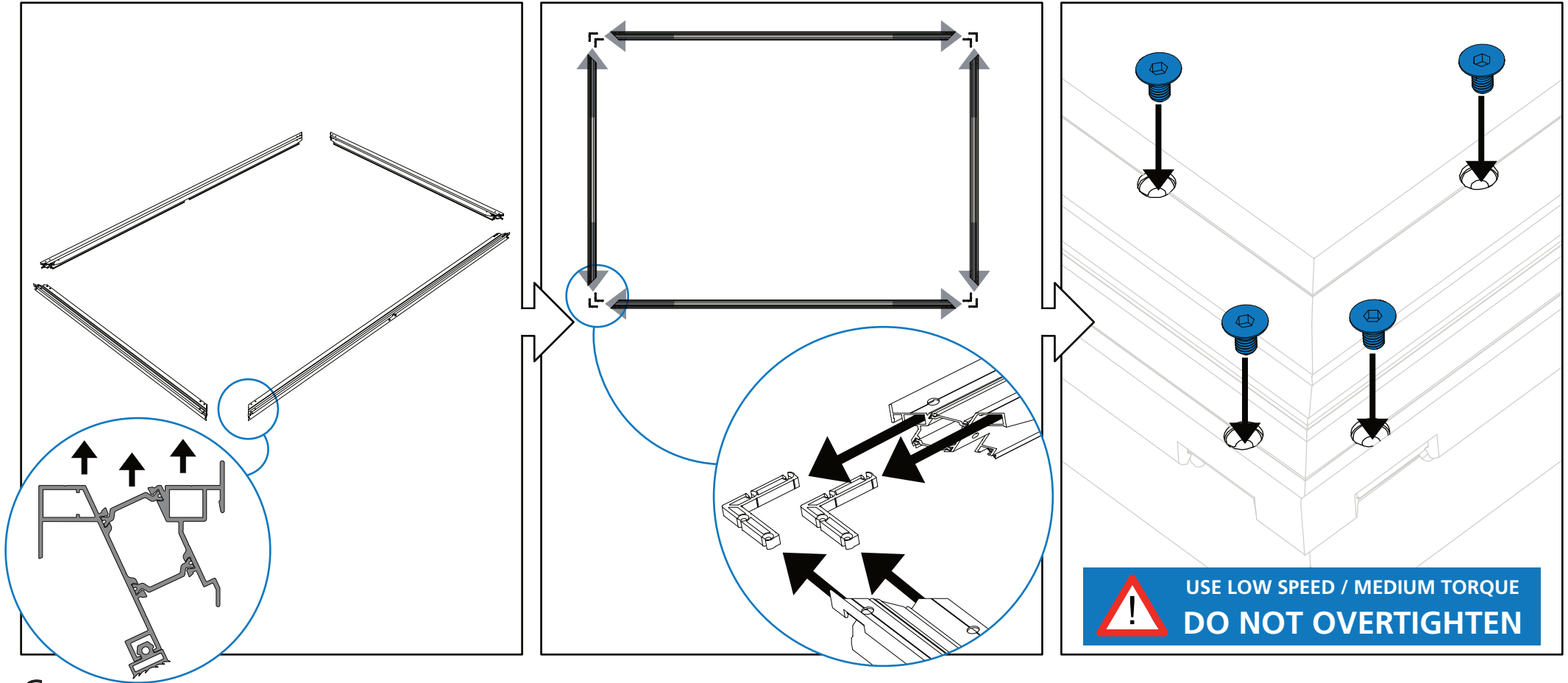
+ 2  
Glass Stop

# 1. Assemble base frame

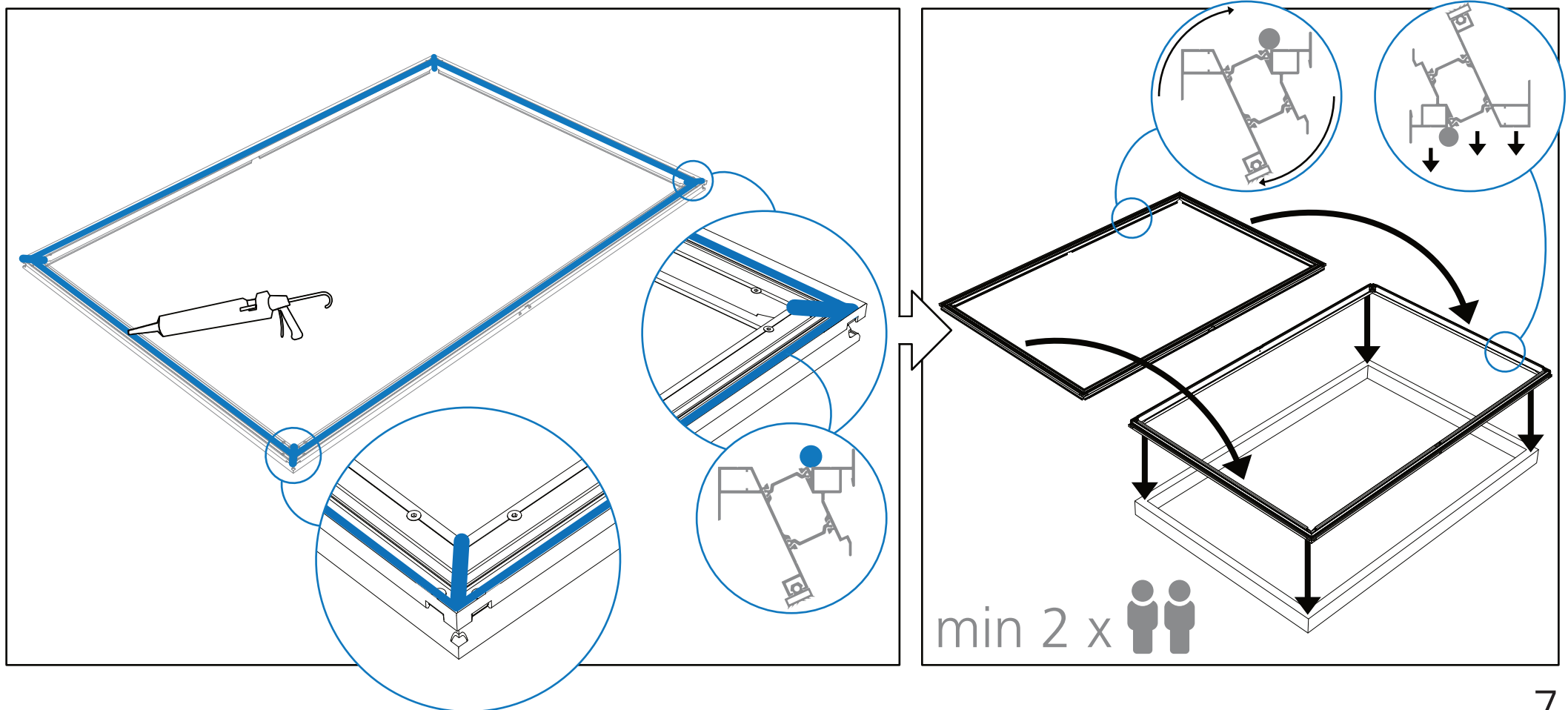
 x 16  
M6x10mm  
Corner Cleat Bolts

 x 8  
Corner Cleat

 x 4  
Kerb Bar

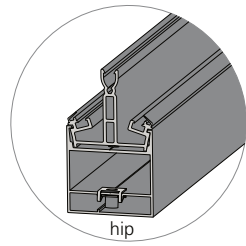


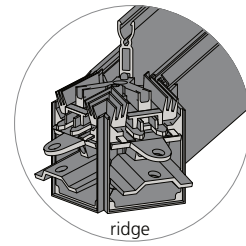
## 2. Apply sealant then rotate and position frame on upstand

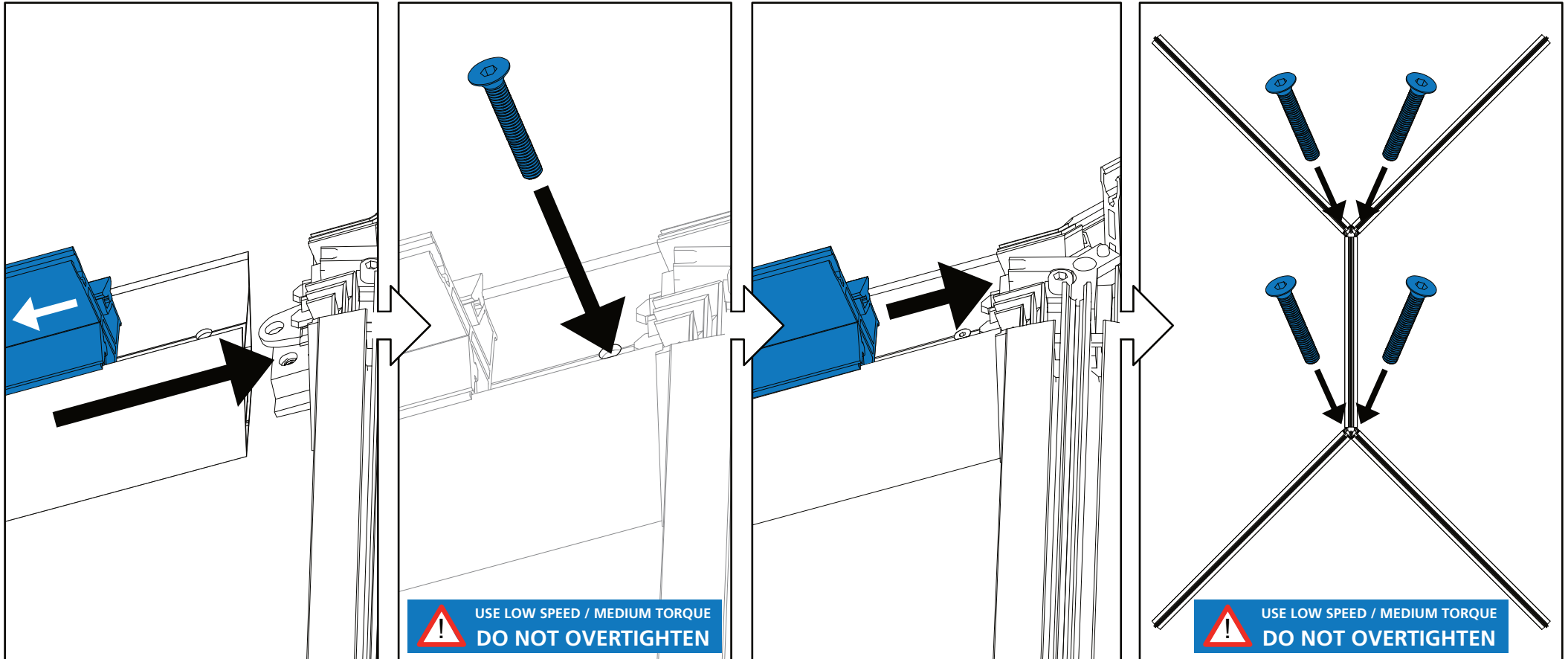


# 3. Connect spider frame

 x 4  
M6x40mm  
Hip Bolts

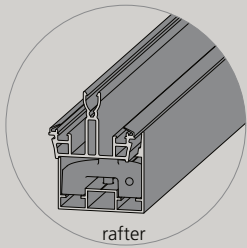
 x 4  
Hip Inner

 x 1  
Ridge Inner

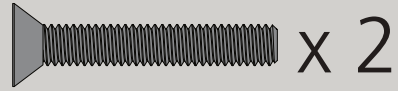




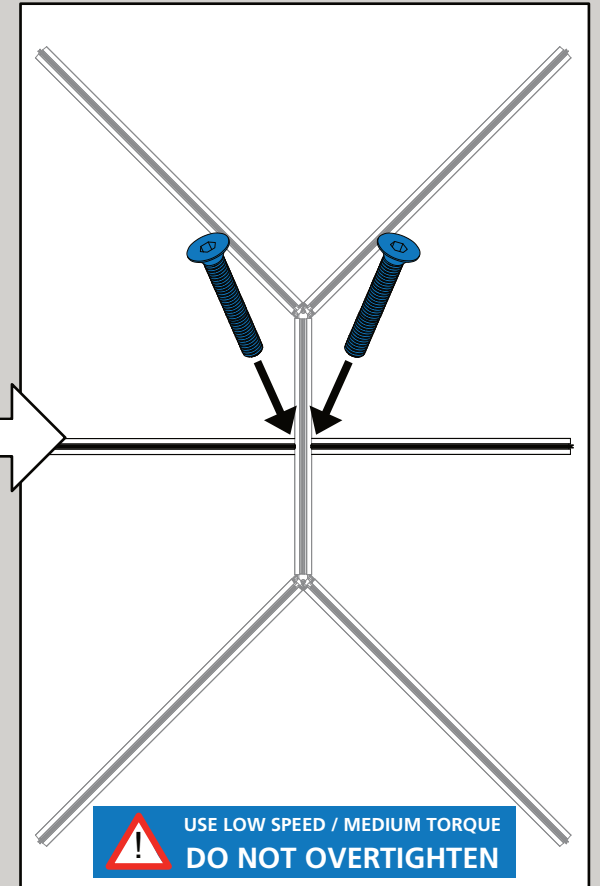
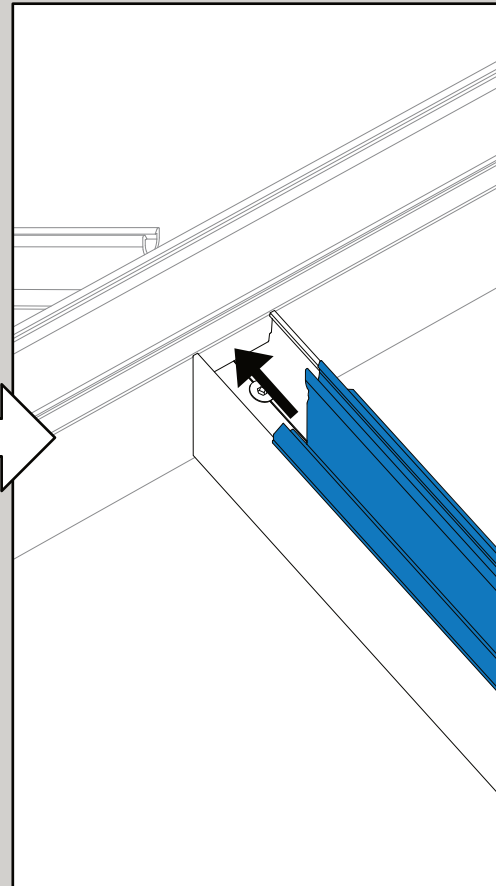
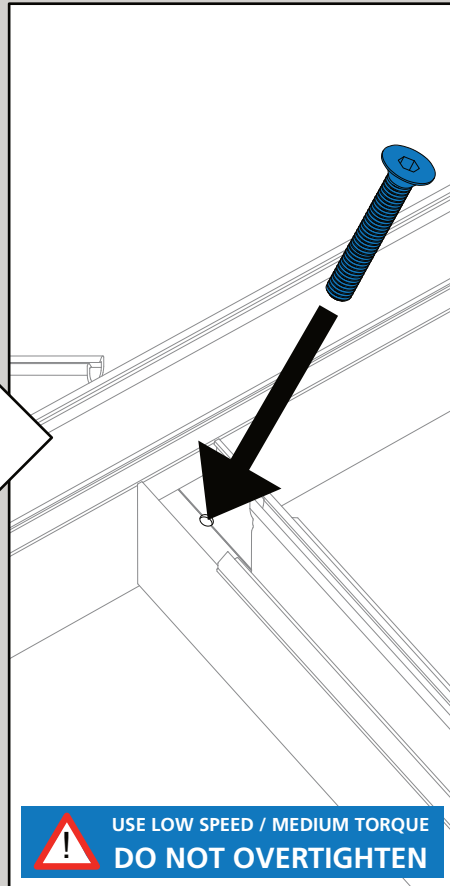
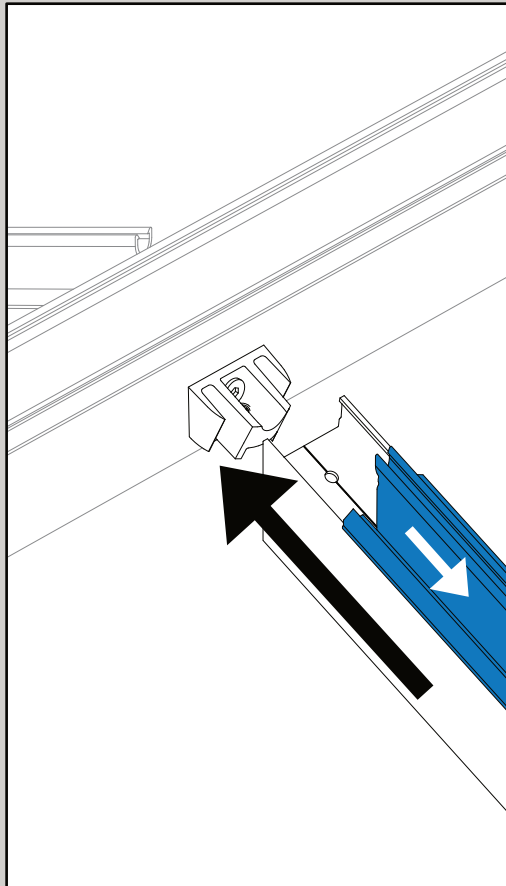
# 6 pane option only



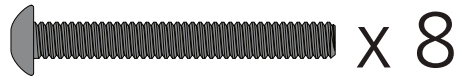
x 2  
Rafter Inner



x 2  
M6x35mm  
Rafter Bolts

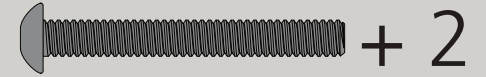


# 4. Fit spider frame to base frame

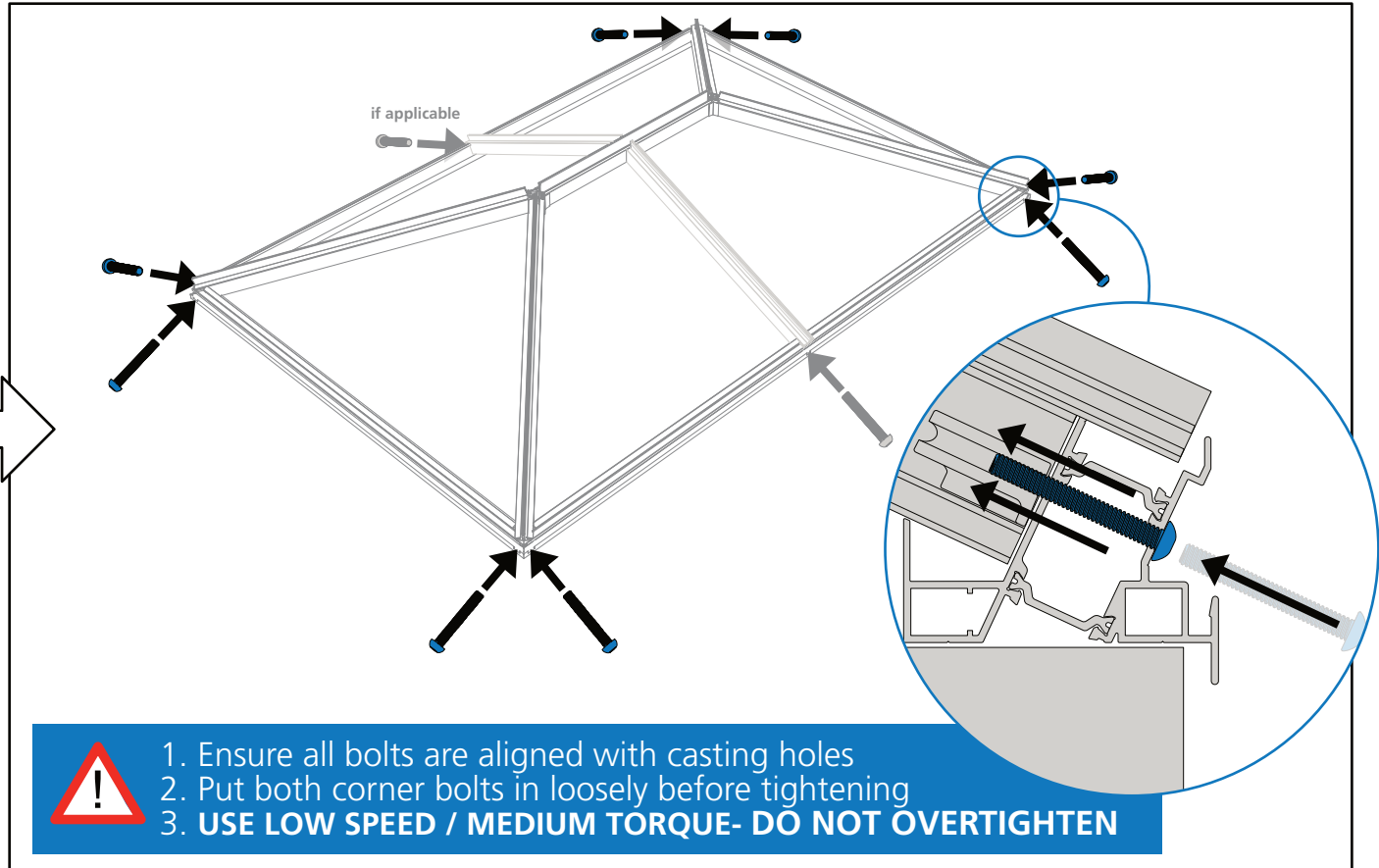
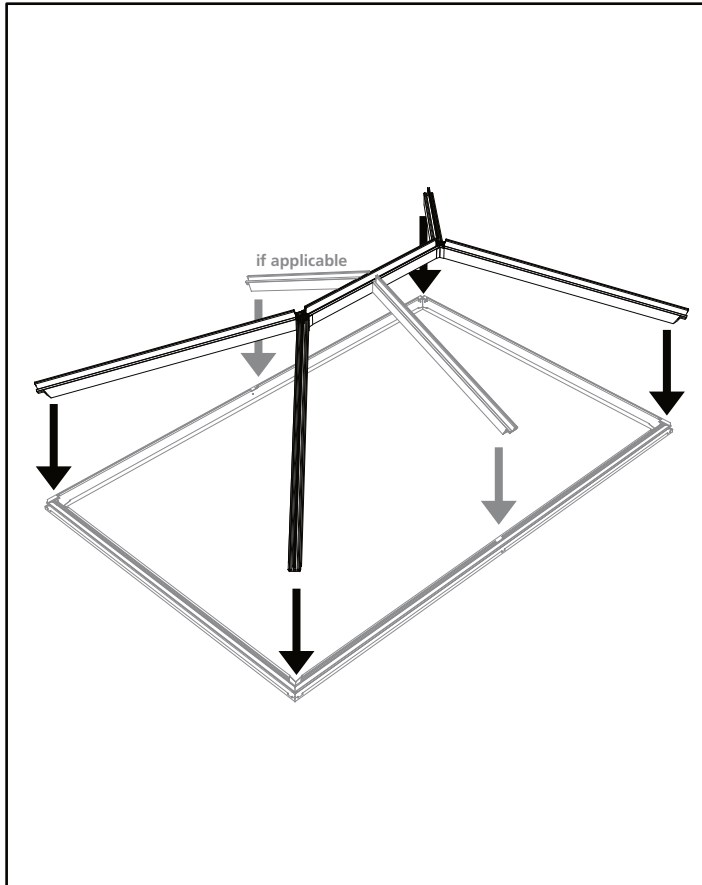


M6x40mm  
Kerb Bolts

6 pane option only



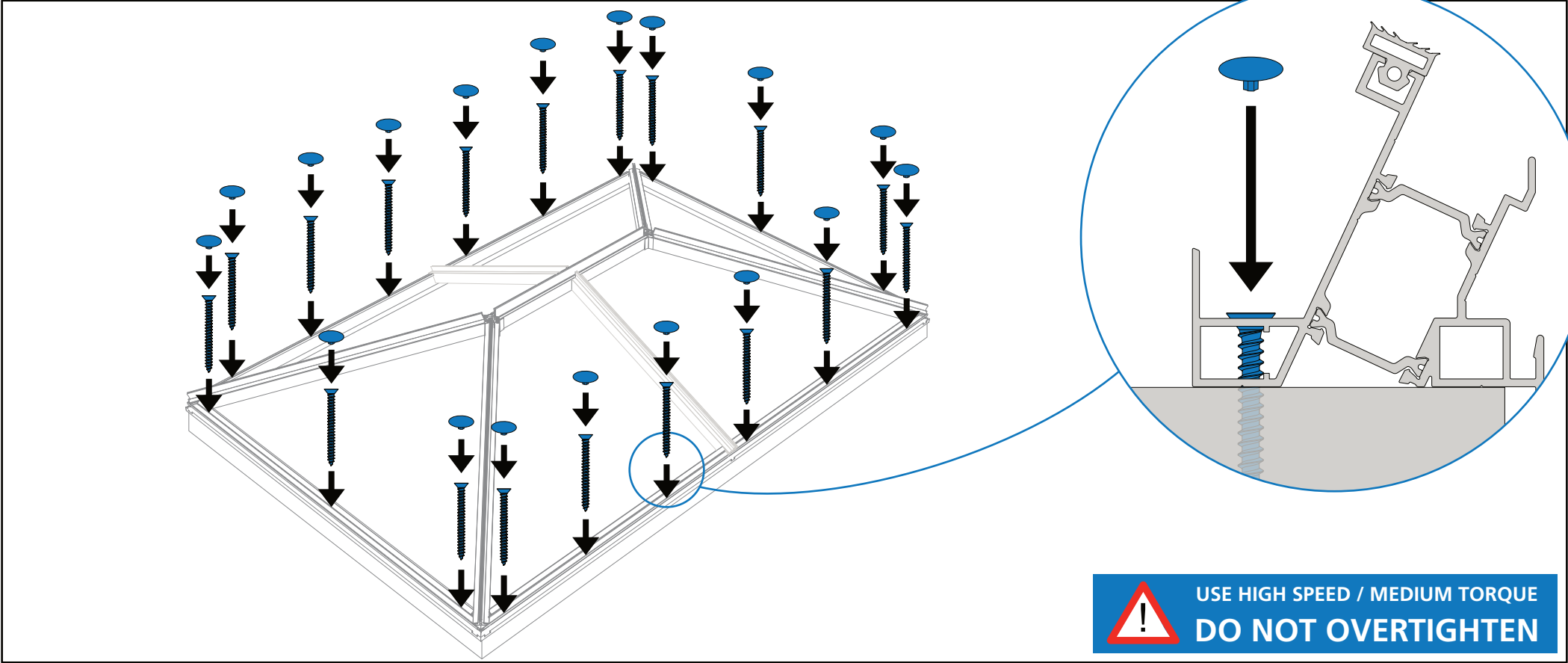
M6x40mm  
Kerb Bolts



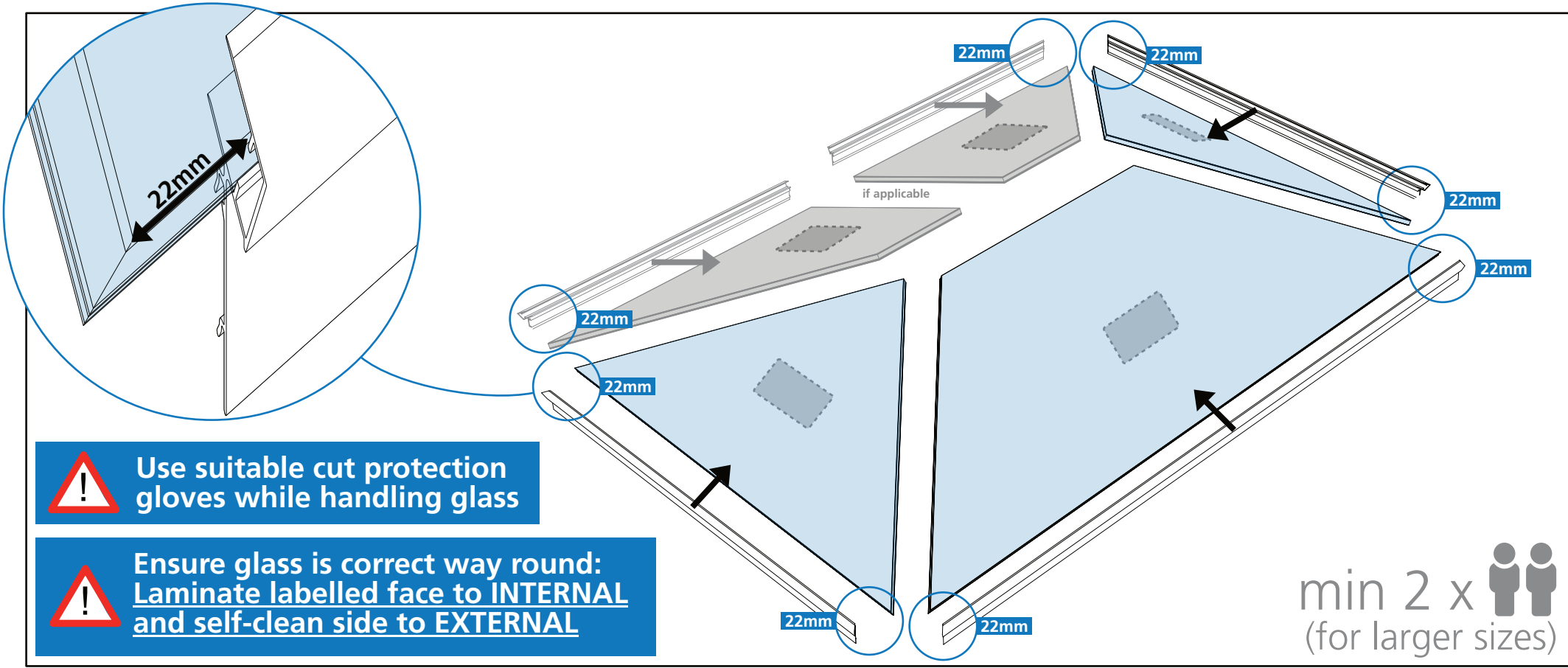
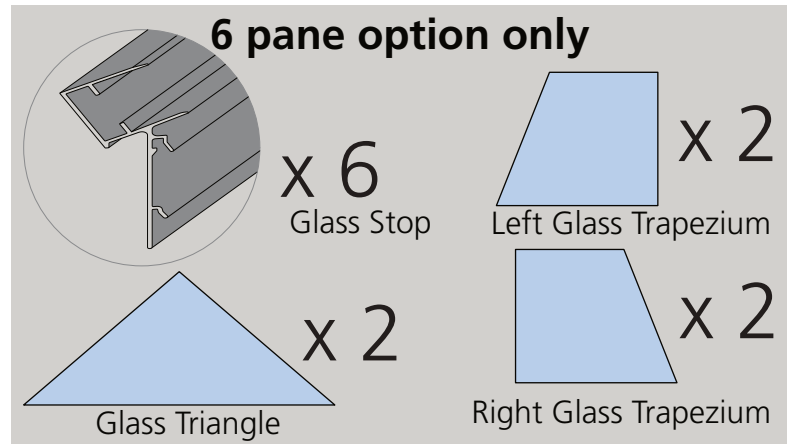
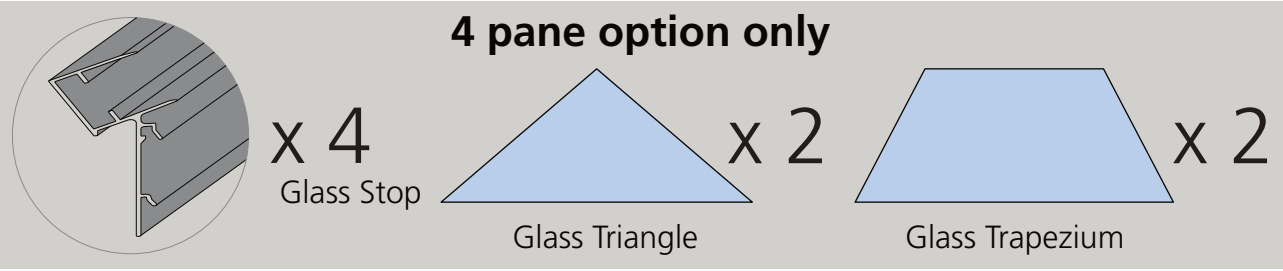
# 5. Fix unit to upstand through pre-drilled holes



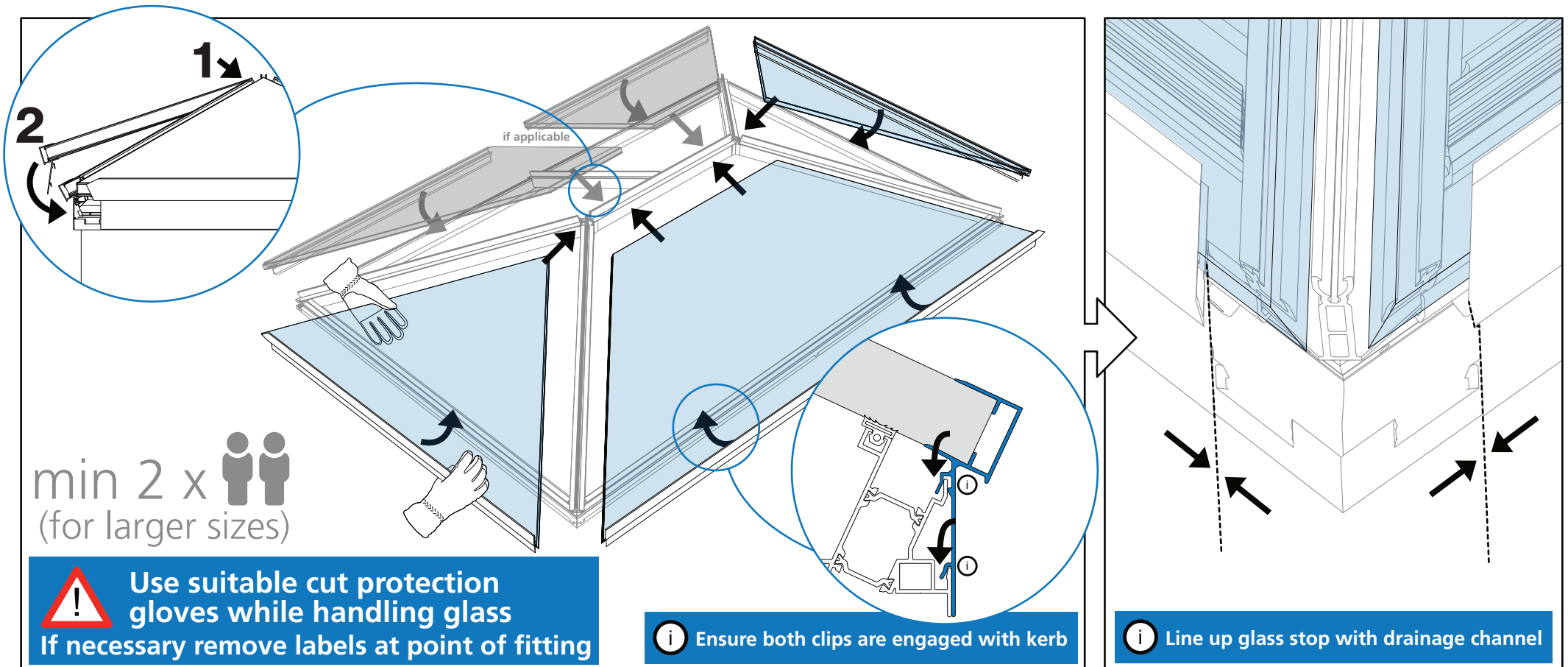
N.B. Roof Lantern is supplied with the maximum fixings required. Smaller sizes will have surplus screws.



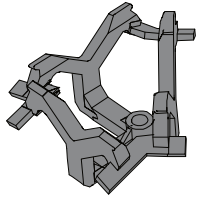
# 6. Prepare glass



# 7. Fit glass to frame and align corners

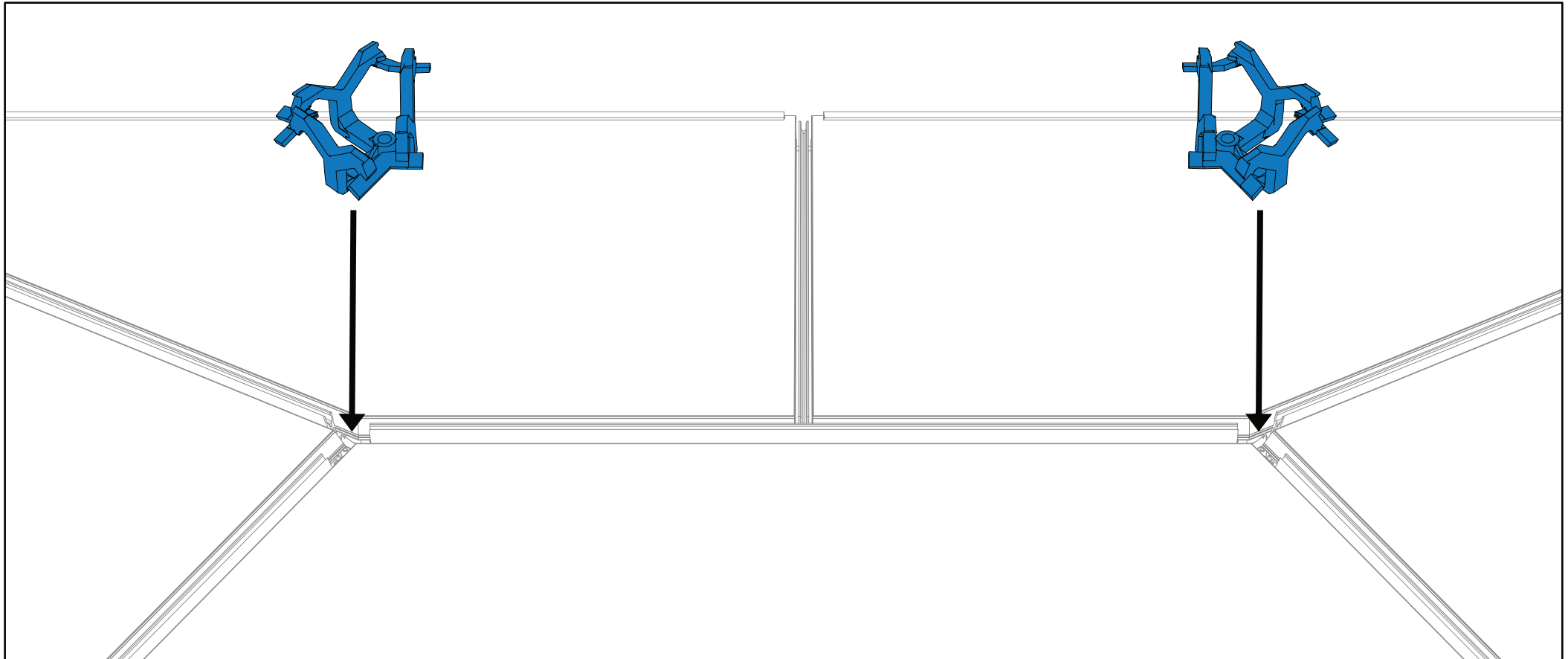


# 8. Position glazing clamps

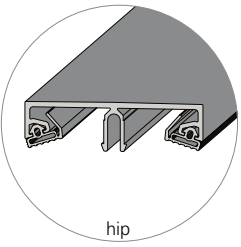


x 2

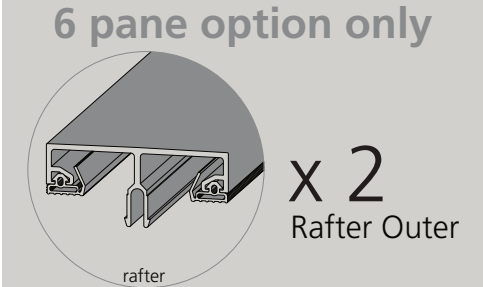
Glazing Clamp



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

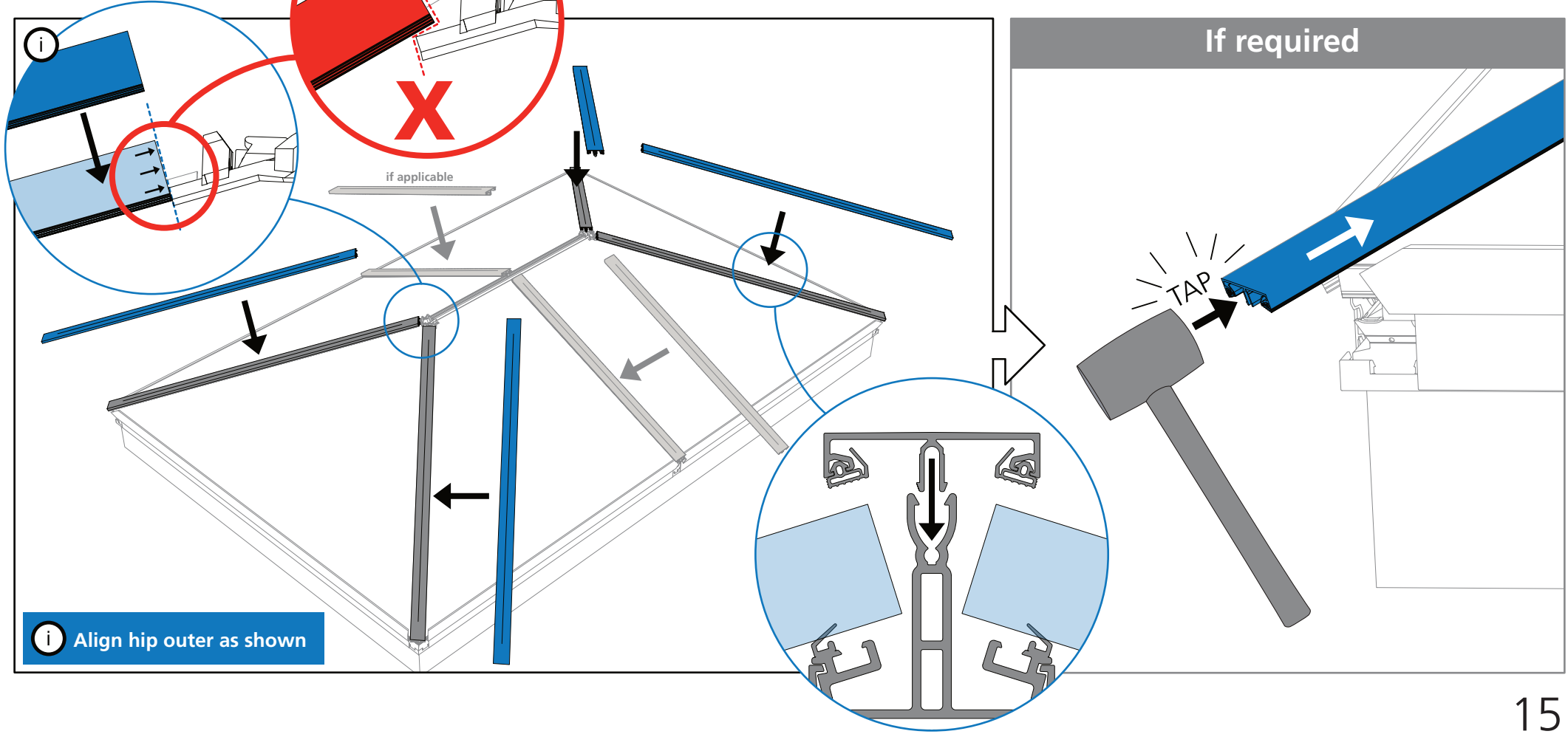


x4  
Hip Outer



6 pane option only

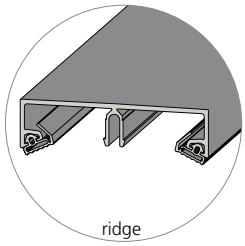
x 2  
Rafter Outer



**i** Align hip outer as shown

If required

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



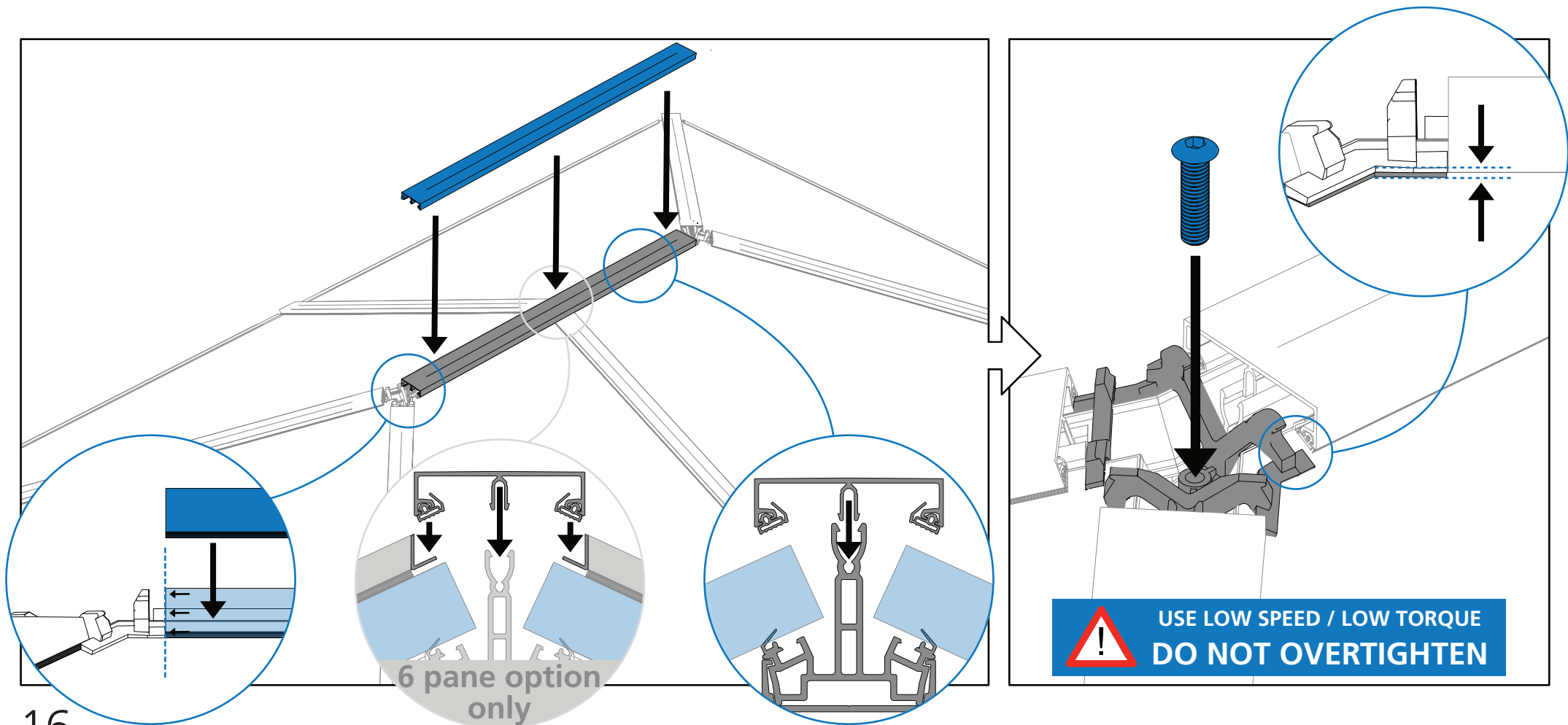
x 1

Ridge Outer



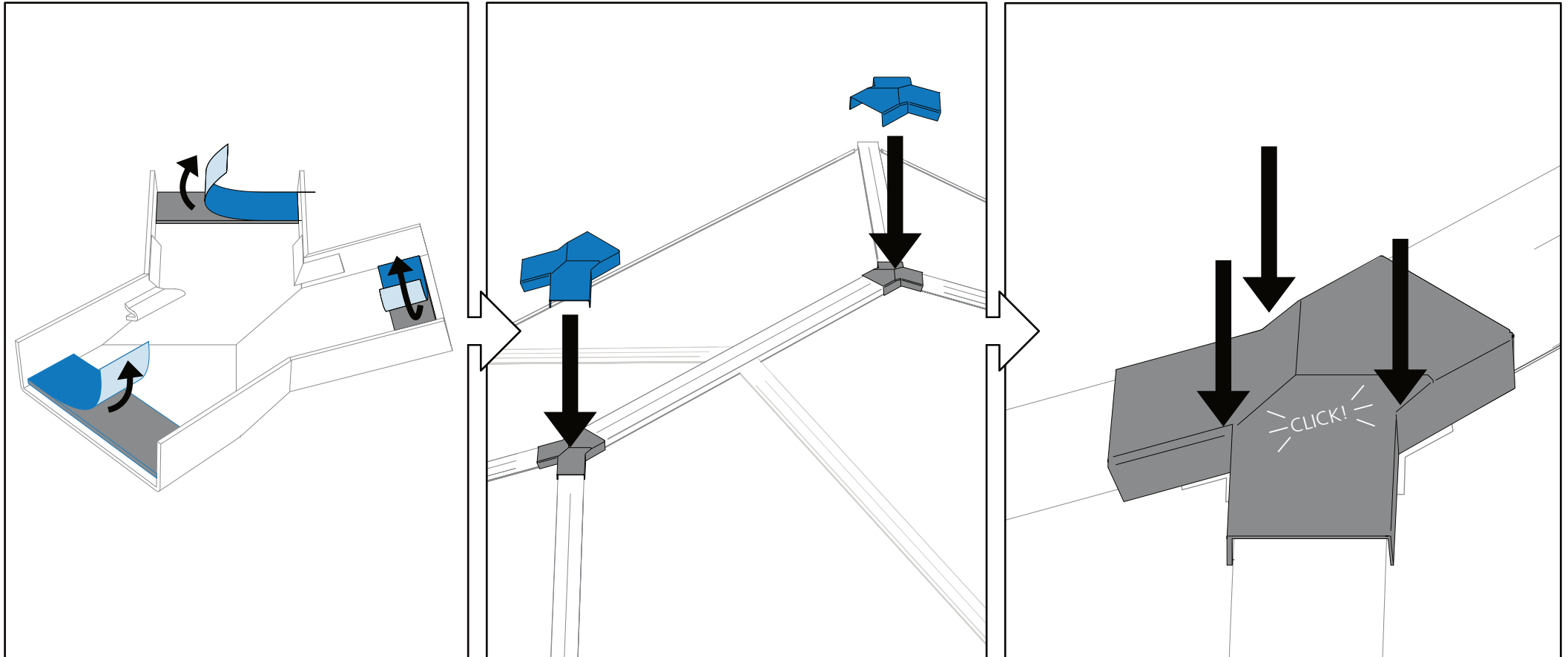
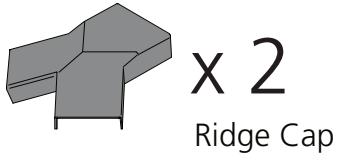
x 2

M6x25mm  
Glazing Clamp Bolts

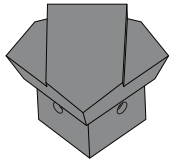




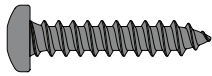
# 11. Clip on ridge caps



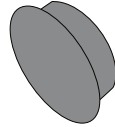
# 12. Attach hip caps



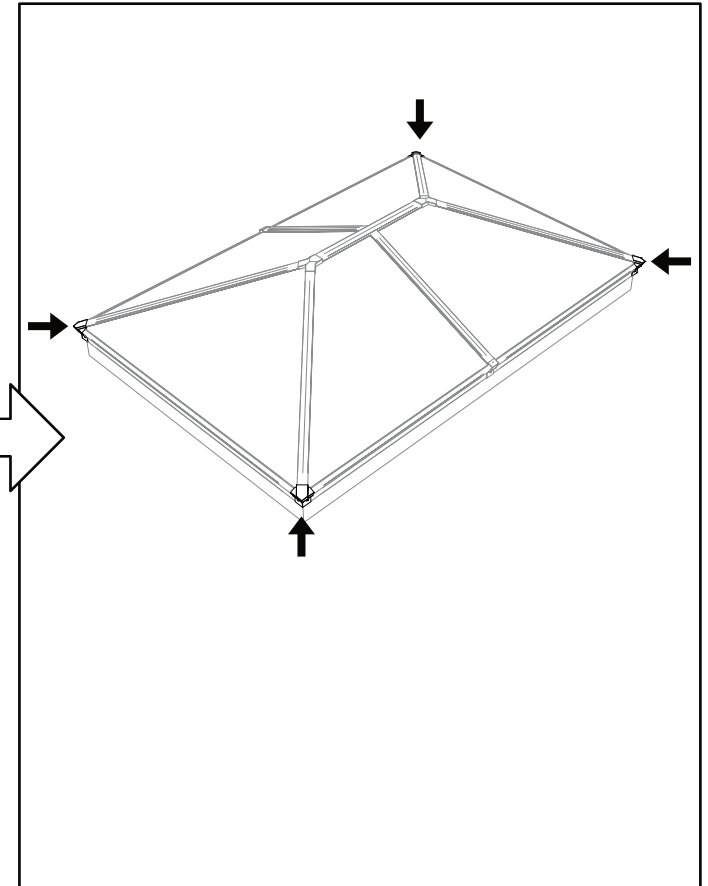
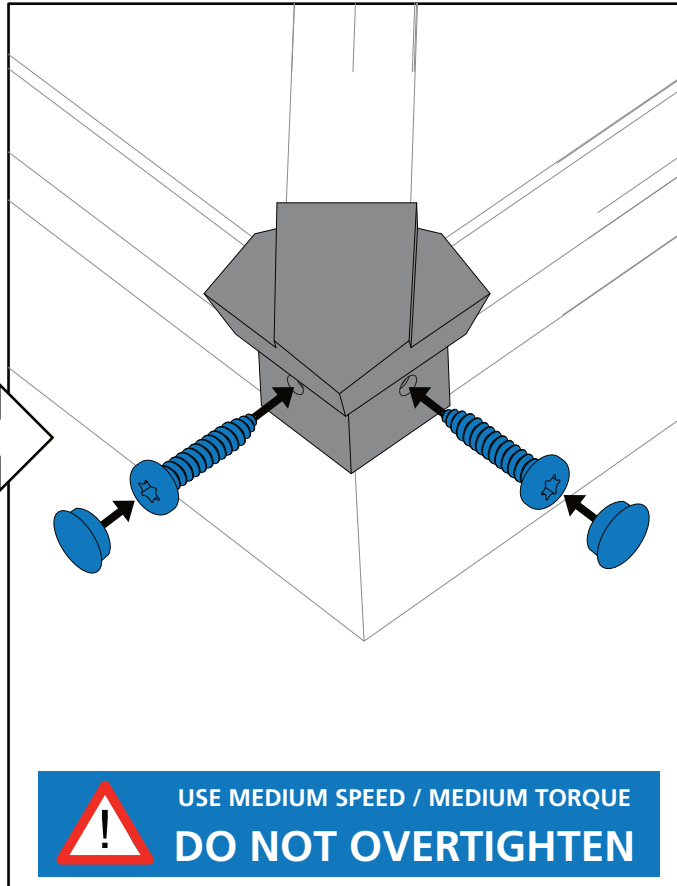
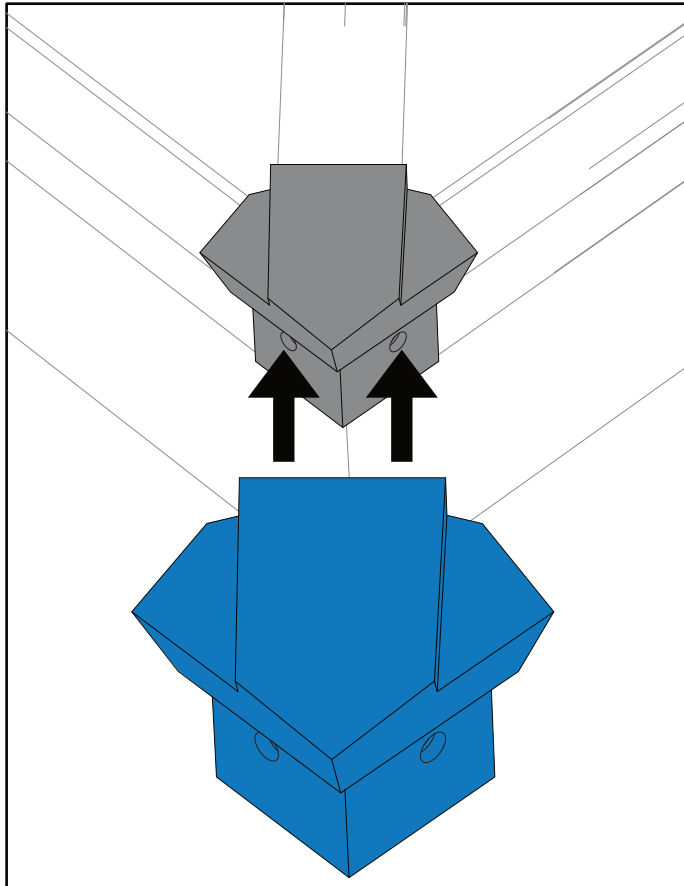
x 4  
Hip Cap



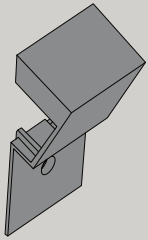
x 8  
No. 10x25mm  
Outer Cap Screws



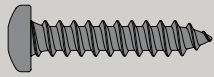
x 8  
Cover Cap



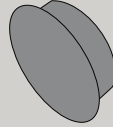
# 13. Attach rafter caps (6 pane option only)



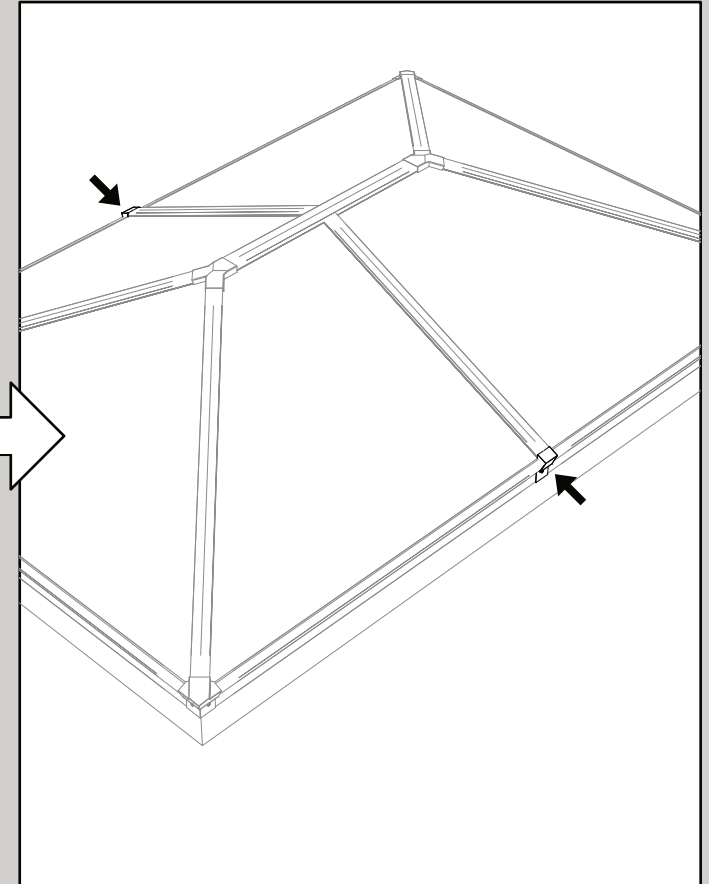
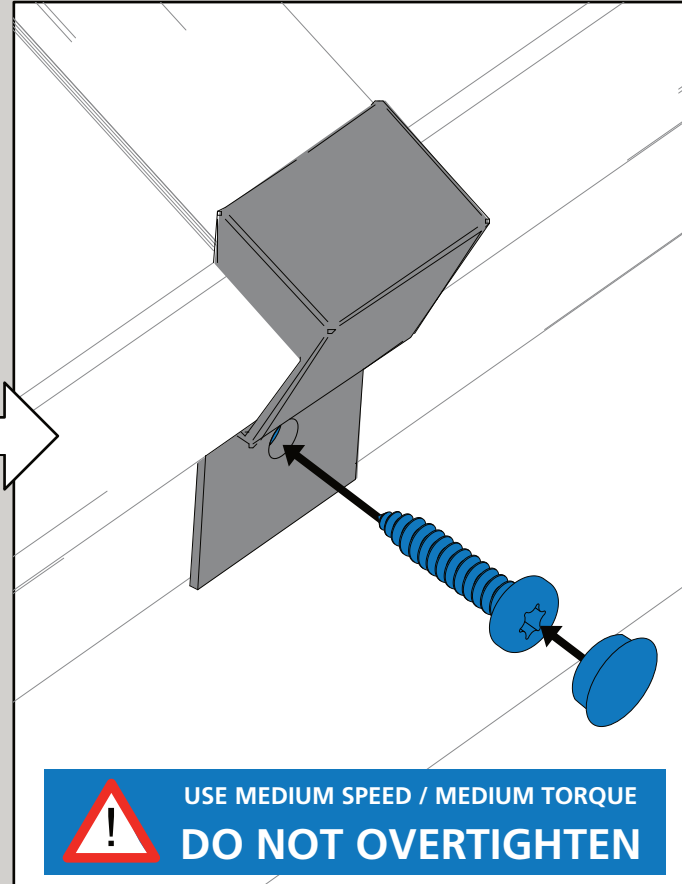
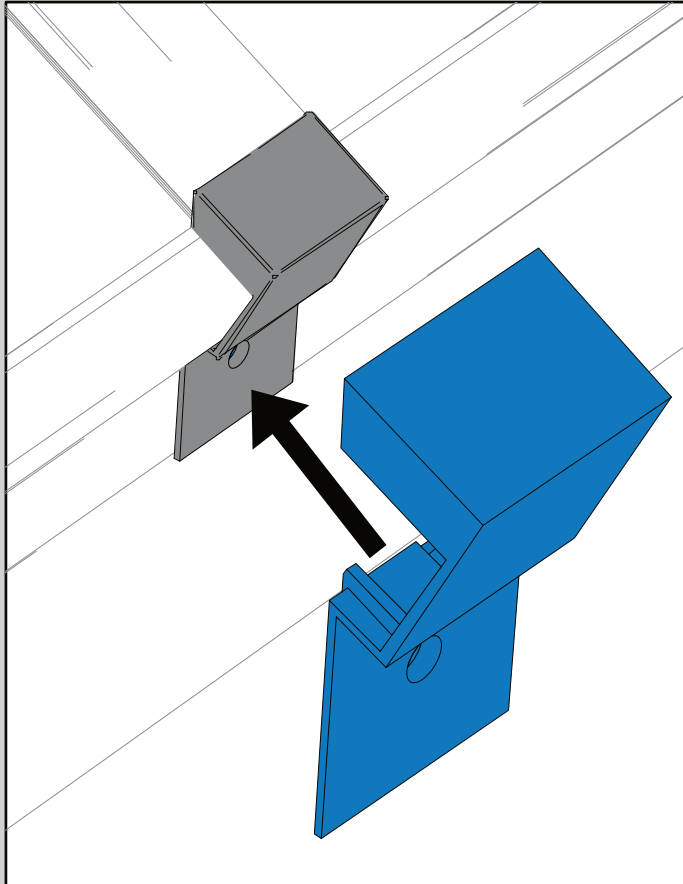
x 2  
Rafter Cap



x 2  
No. 10x25mm  
Outer Cap Screws



x 2  
Cover Cap





[keyliteroofwindows.com](http://keyliteroofwindows.com)

**GB**

Unit 3 Gateway Road, Burton Gateway,  
Burton upon Trent, DE13 8FL

T: +44 (0) 1283 200 158

E: [sales@keyliteuk.com](mailto:sales@keyliteuk.com)

**NI & ROI**

KG2, Ballyreagh Industrial Est. Sandholes Road,  
Cookstown, Co. Tyrone, BT80 9DG

T: +44 (0) 28 8675 8921

E: [info@keylite.co.uk](mailto:info@keylite.co.uk)