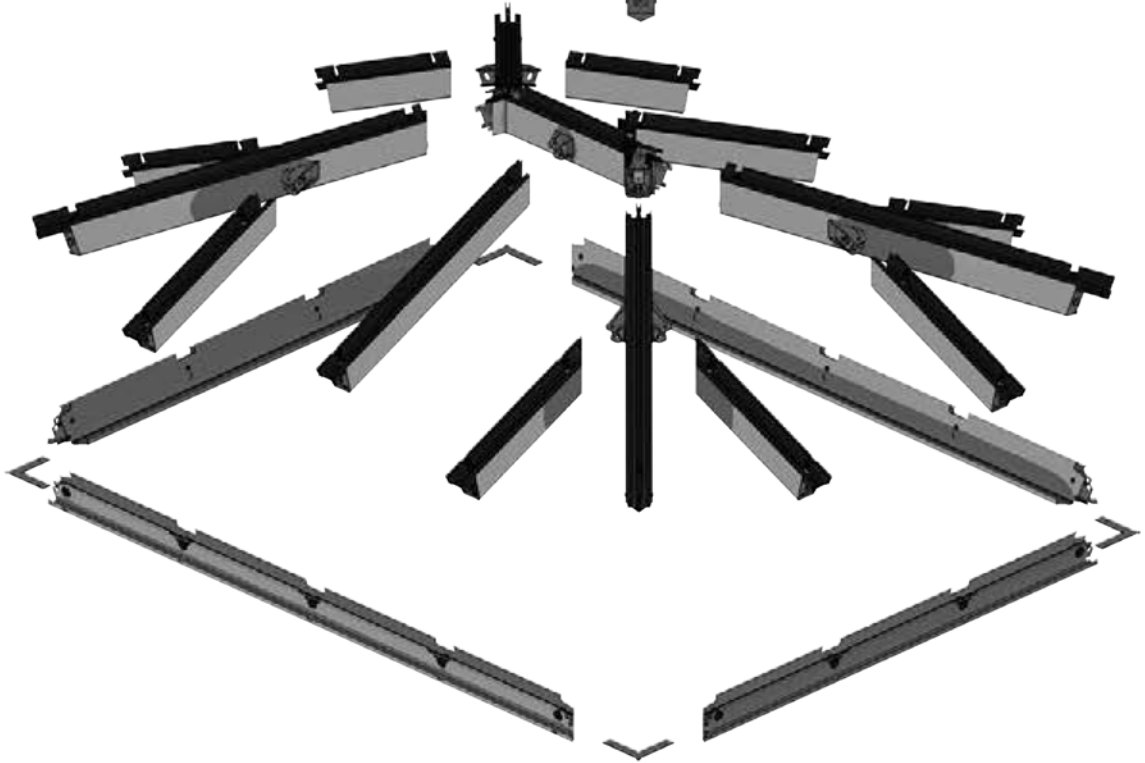
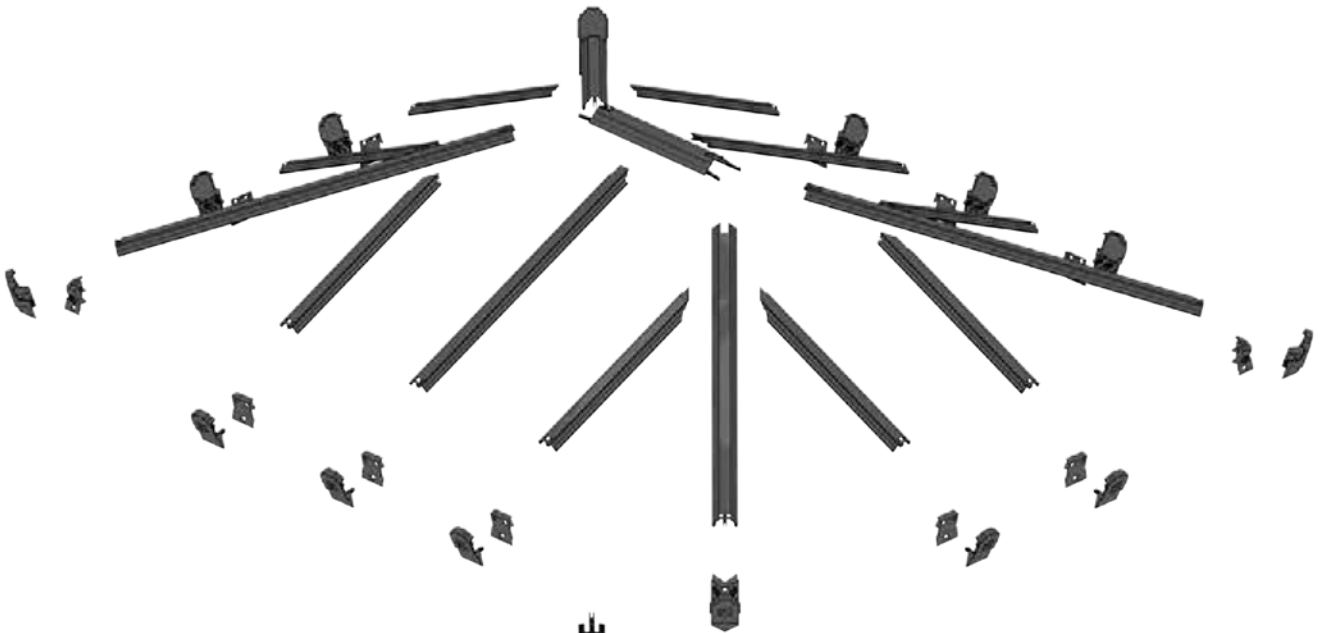
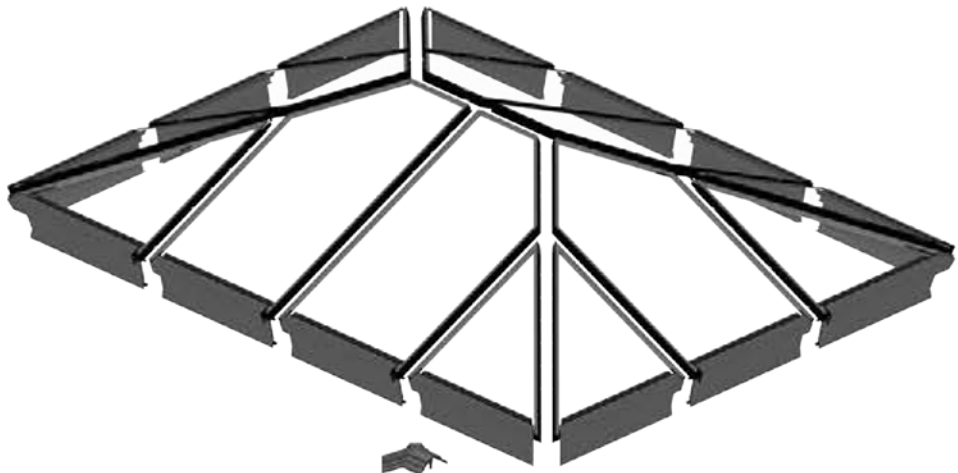


# Roof Lantern

## Installation Guide





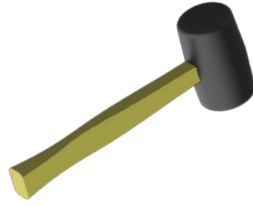
## TOOLS REQUIRED



Cordless  
Screwdriver



5mm Hex Bit  
(Supplied)



Soft  
Mallet



Wire  
Cutters



Sealant

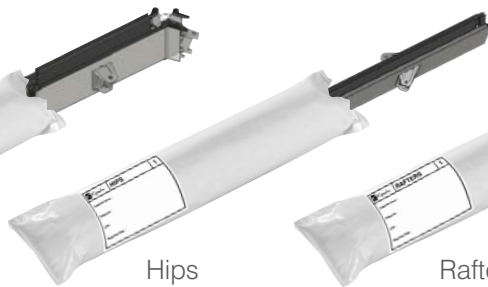
## PACKAGING CONTENTS



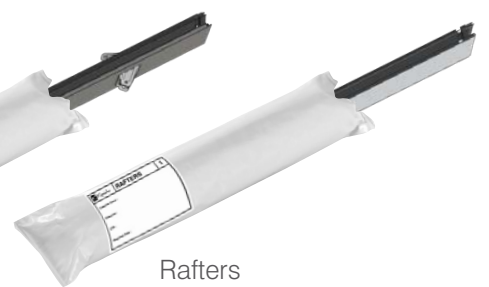
Eaves Beams



Ridge



Hips



Rafters



5mm Hex Bit



Rafter Outer  
End Cap



Rafter Inner  
End Cap



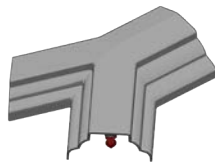
Hip Outer  
End Cap



Hip Inner  
End Cap



Eaves Beam  
Corner Bracket



Boss Top Cap



M8x60mm  
Rafter Bolts



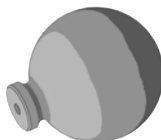
M8x70mm  
Hip Bolts



M8x20mm  
Isolating Collar  
Bolts



Tapered  
Washers



Ball  
Finial



4.8x63mm  
Eaves Beam  
Screws



Support  
Block



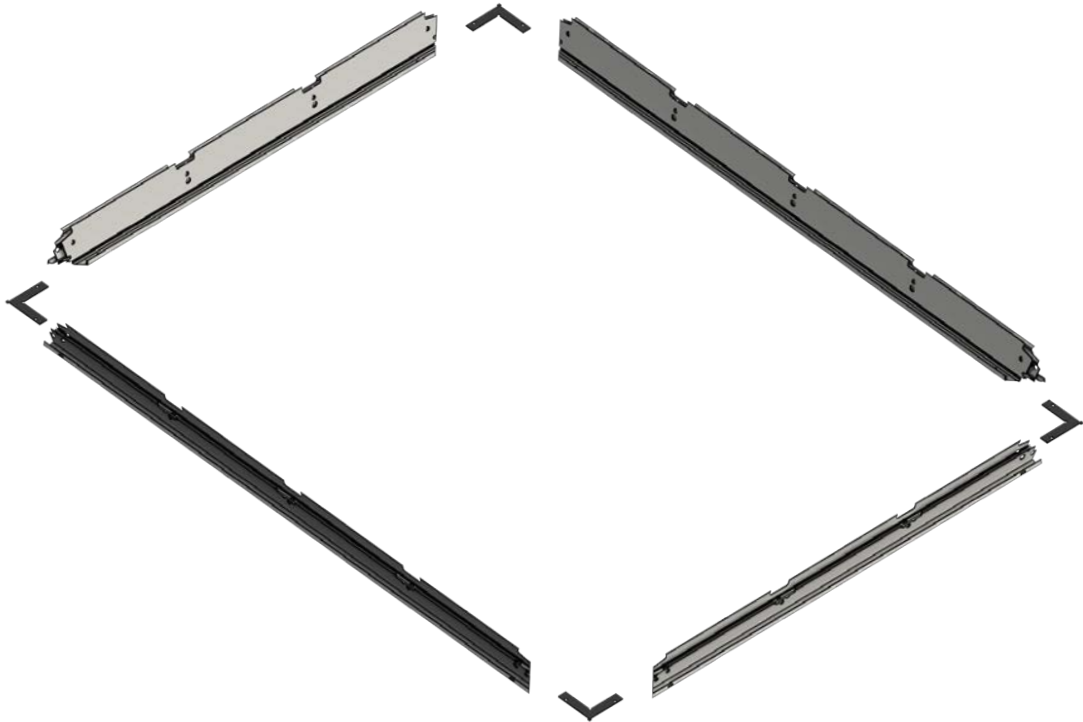
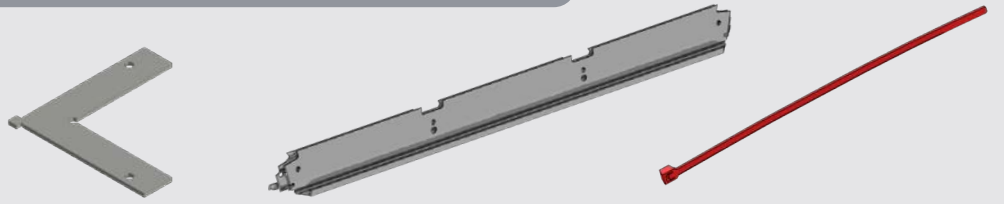
Fir Tree  
Clips



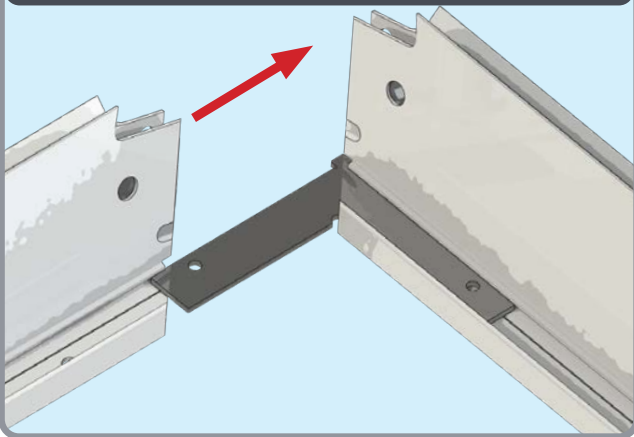
Tie-  
Wrap

# EAVES BEAM

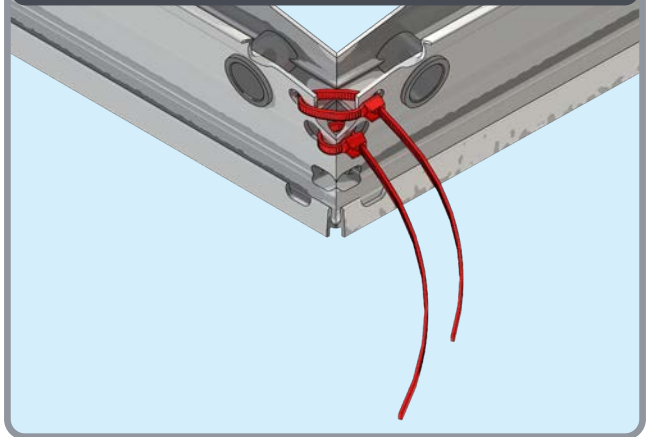
1



1 Slide together using corner brackets



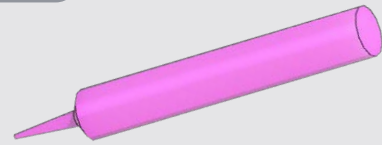
2 Temporarily secure corners with tie-wraps



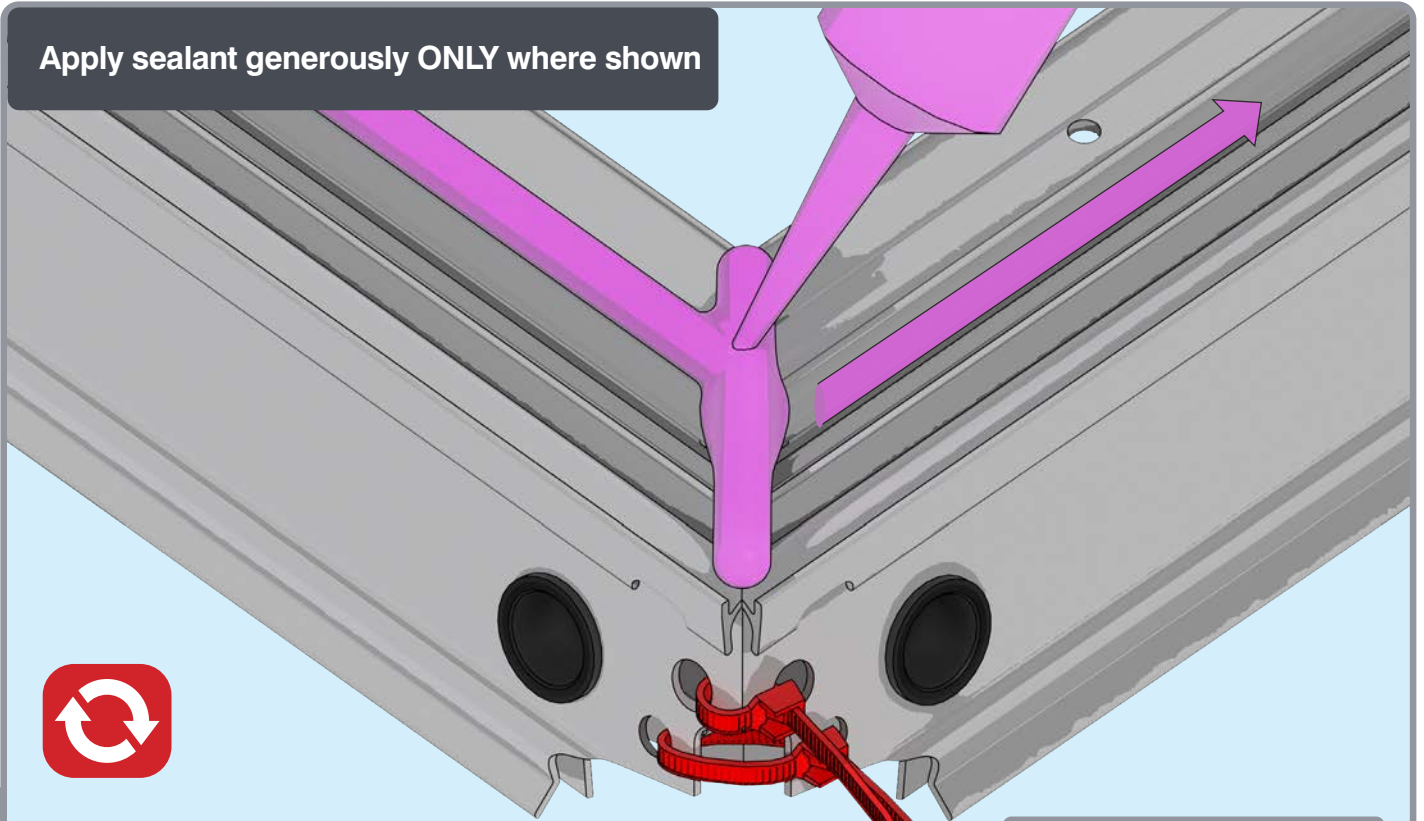
Ensure corner is closed up tightly

## APPLYING SEALANT

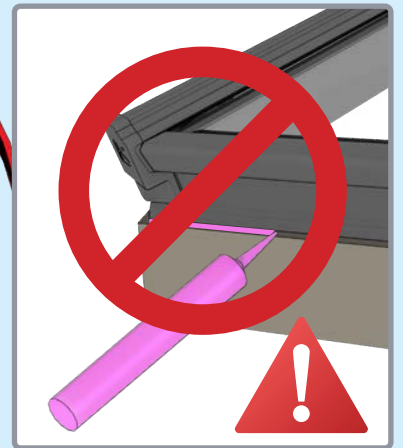
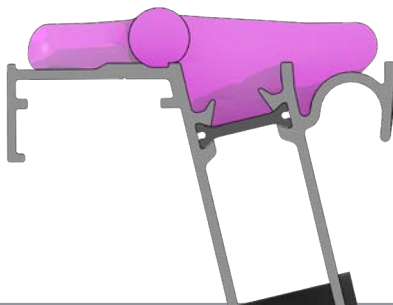
2



Apply sealant generously **ONLY** where shown



Corner position of sealant



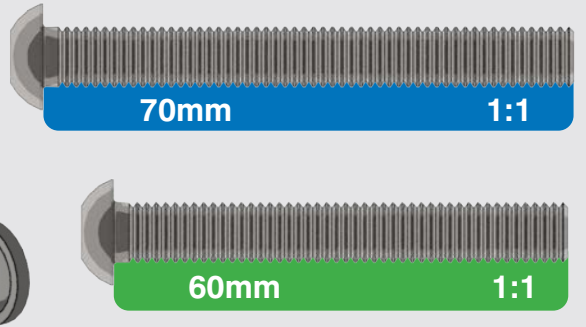
- **DO NOT** screw down yet
- Only apply sealant where indicated



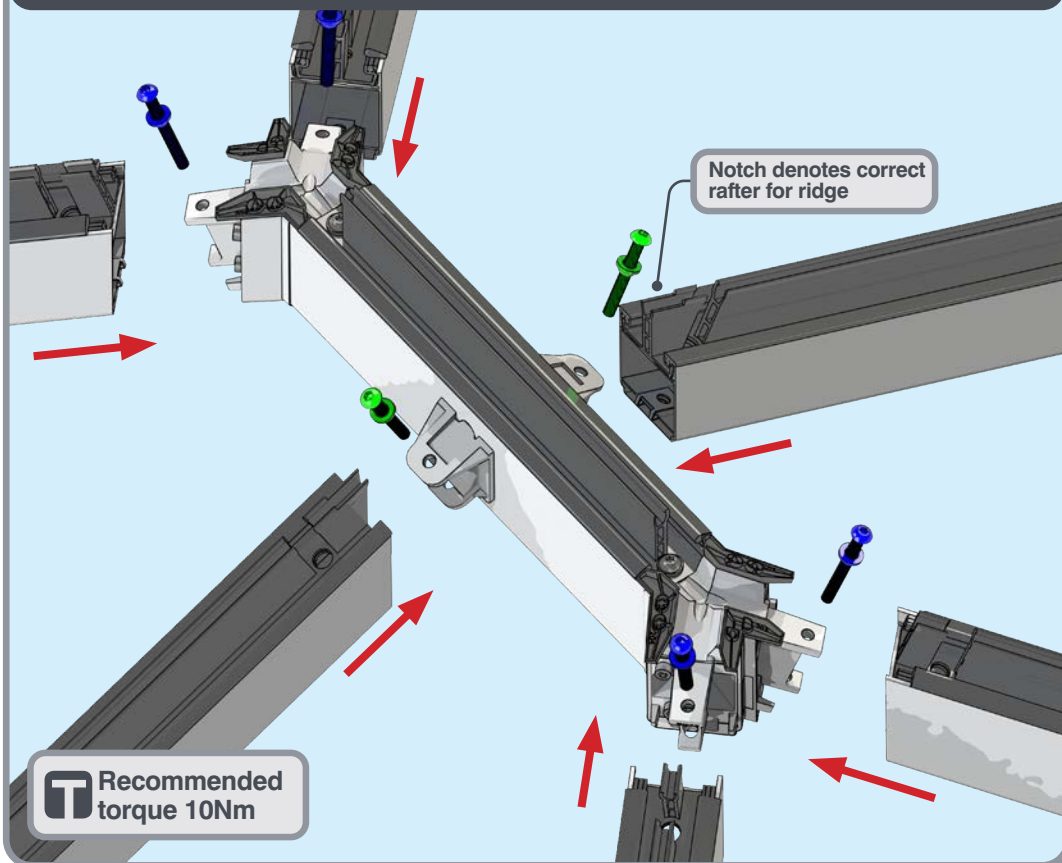
- **DO NOT** apply sealant to the gap between the upstand and the eaves beam, this will block the drainage

# SPIDER ASSEMBLY

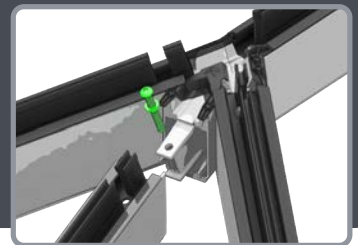
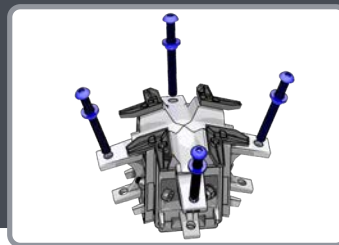
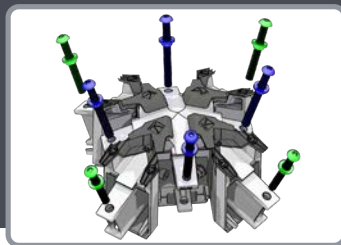
3



- 1 Secure hips to boss using **70mm bolts** and tapered washers.
- 2 Secure rafters using **60mm bolts** and tapered washers.



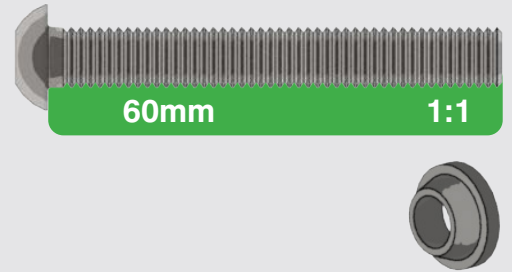
## Boss variations



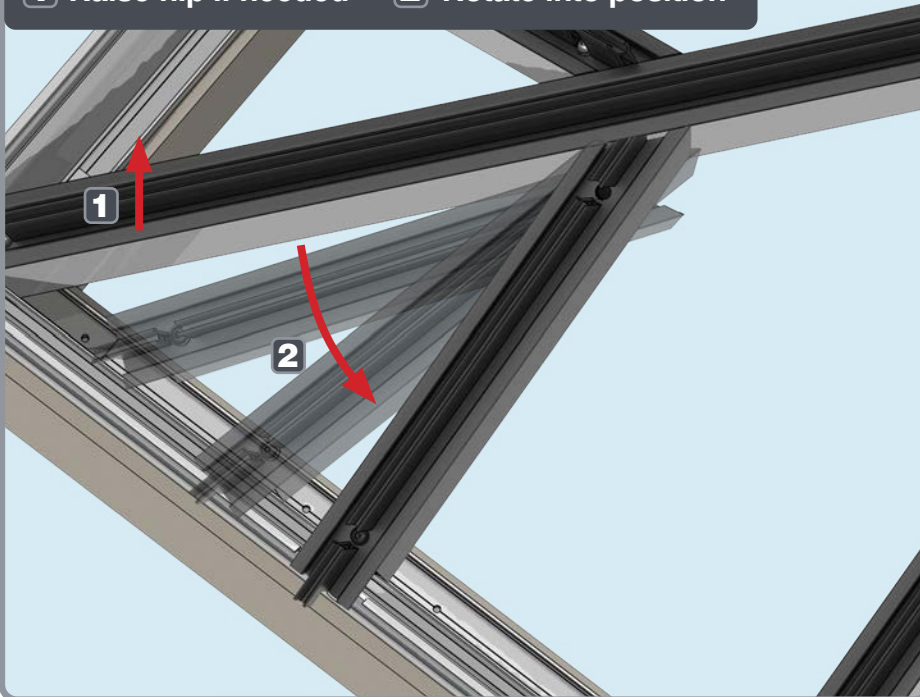
**Ensure correct size bolts and tapered washers are used**

## JACK RAFTERS (OPTIONAL)

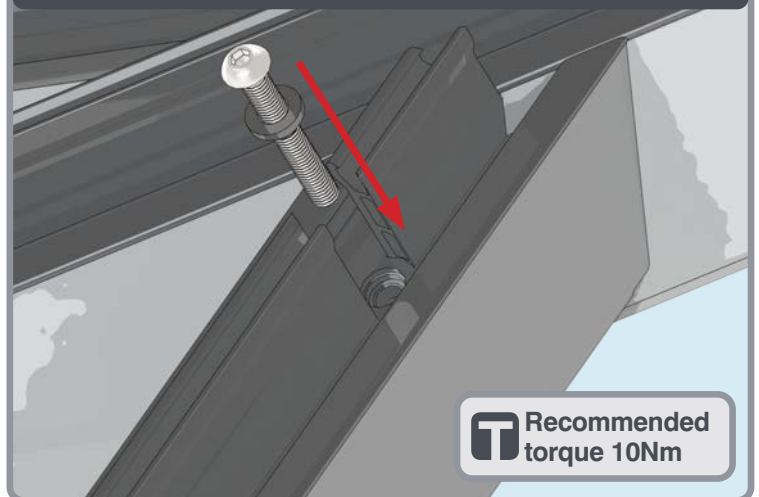
4



- 1 Raise hip if needed
- 2 Rotate into position



- 2 Secure using 60mm bolts and tapered washers.



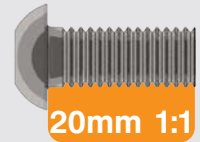
**T** Recommended torque 10Nm



Ensure correct size bolts and tapered washers are used

# ATTACHING SPIDER

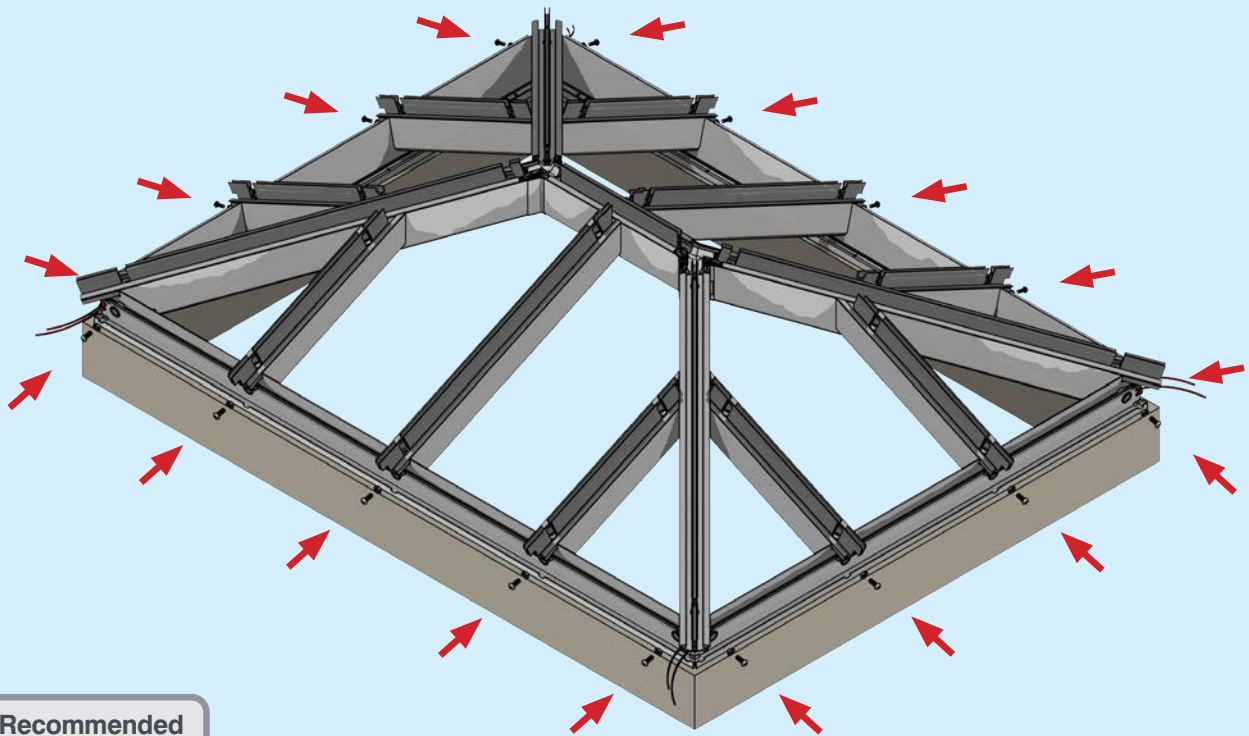
5



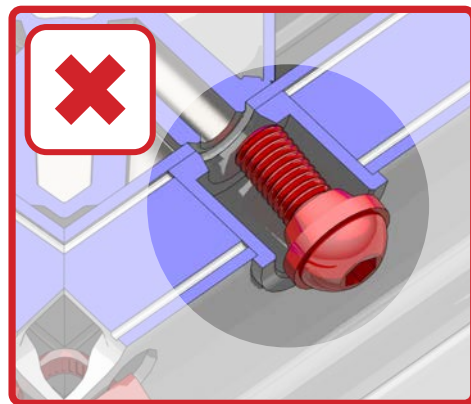
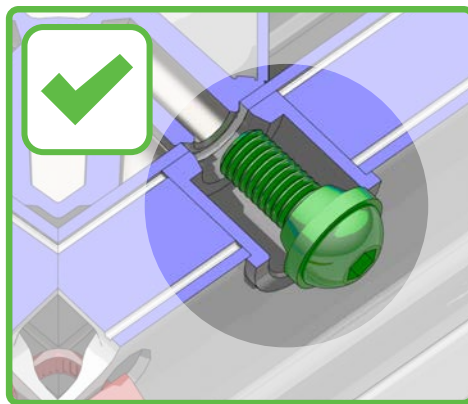
1 Loosely fit all 20mm bolts

2 Tighten bolts fully

3 Remove tie wraps



 Recommended torque 10Nm

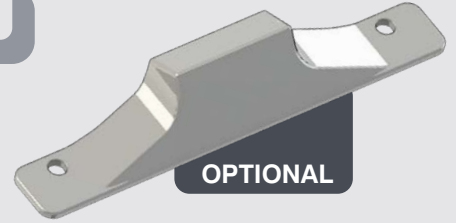


**BEWARE** not to cross thread bolts when fastening



## FIXING DOWN

6

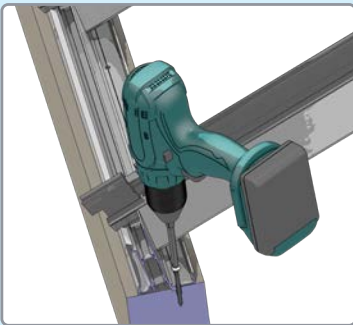
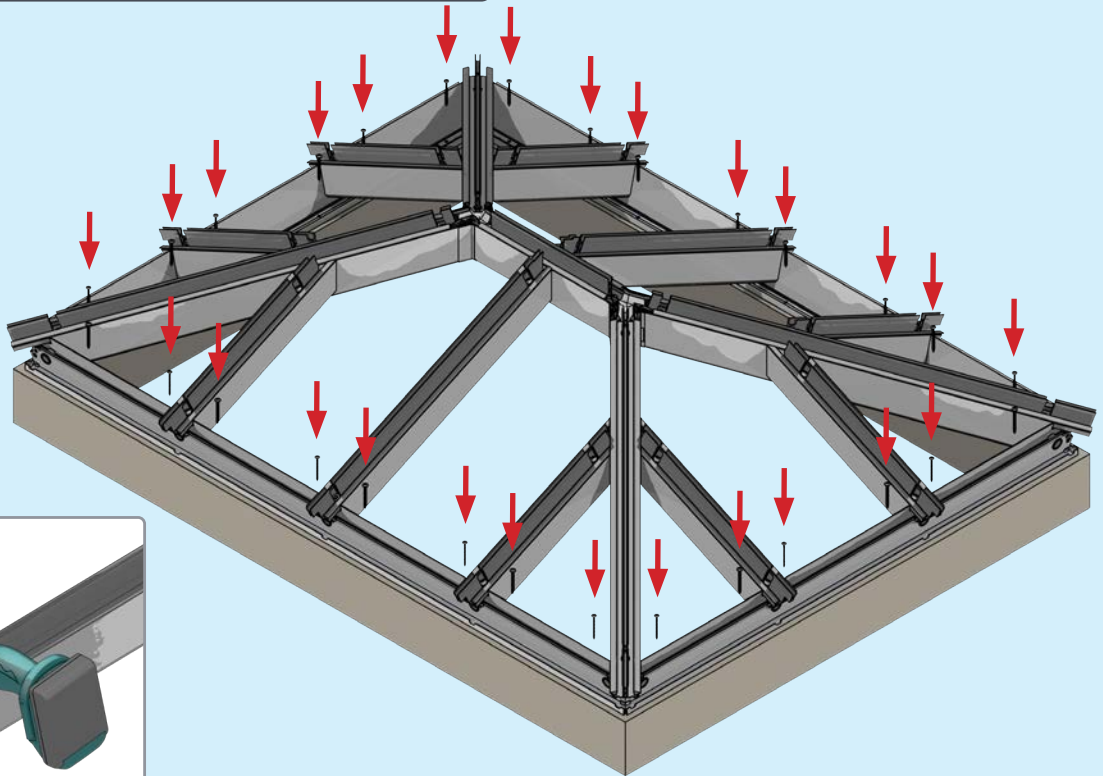


OPTIONAL

1 Position if supplied



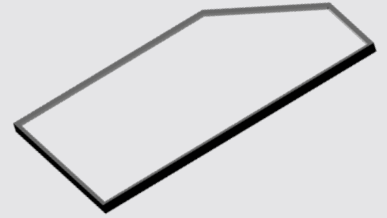
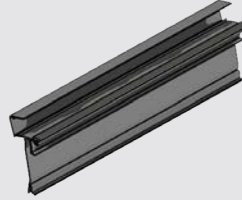
2 Fasten down through pre-drilled holes



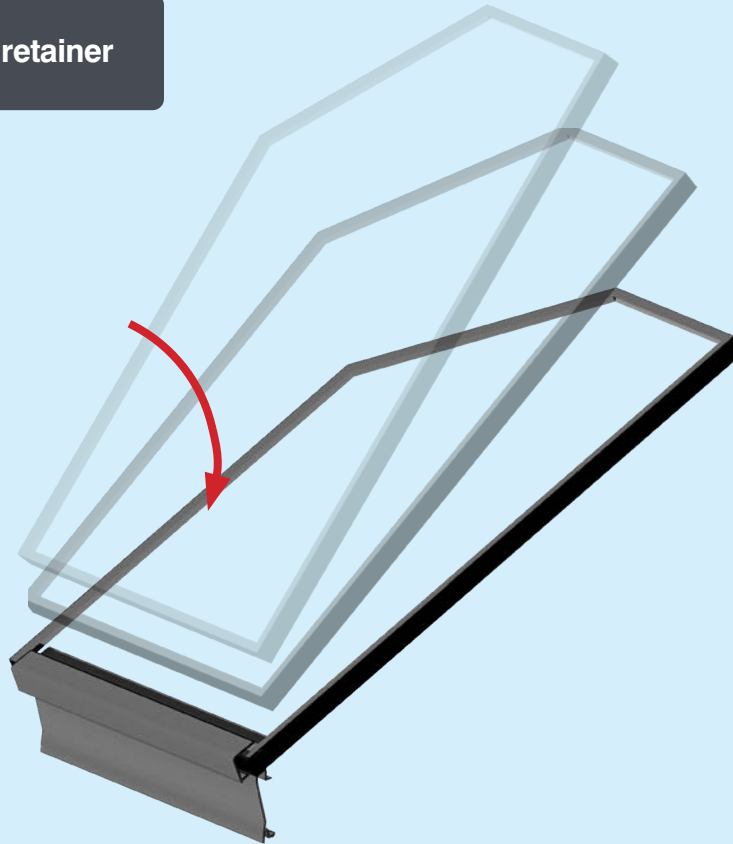
- **USE** packers under eaves beam to support each screw
- **CHECK** eaves beams are fully sealed to upstand

# GLASS RETAINER

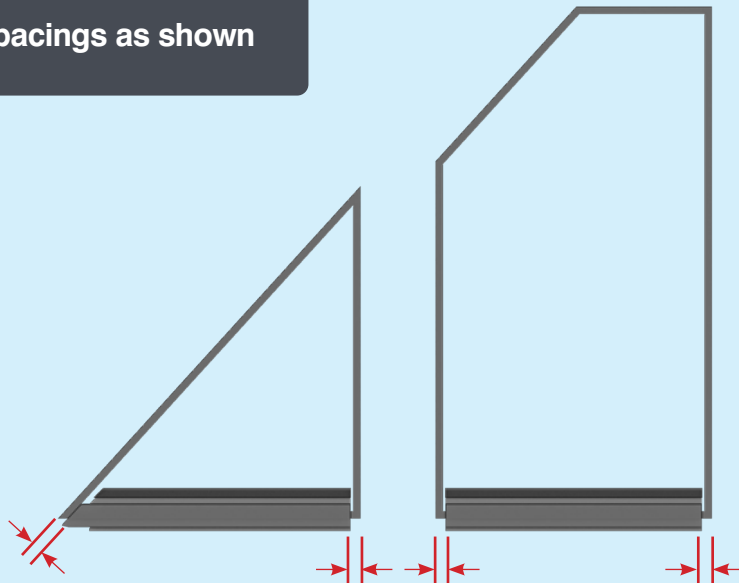
7



1 Slide glass into retainer



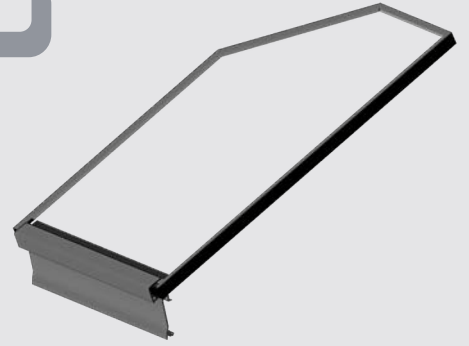
2 Set spacings as shown



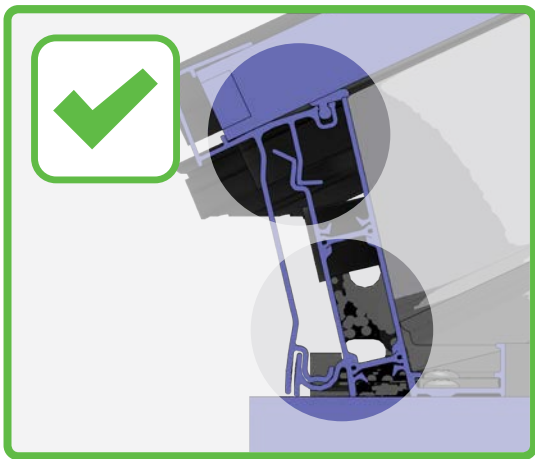
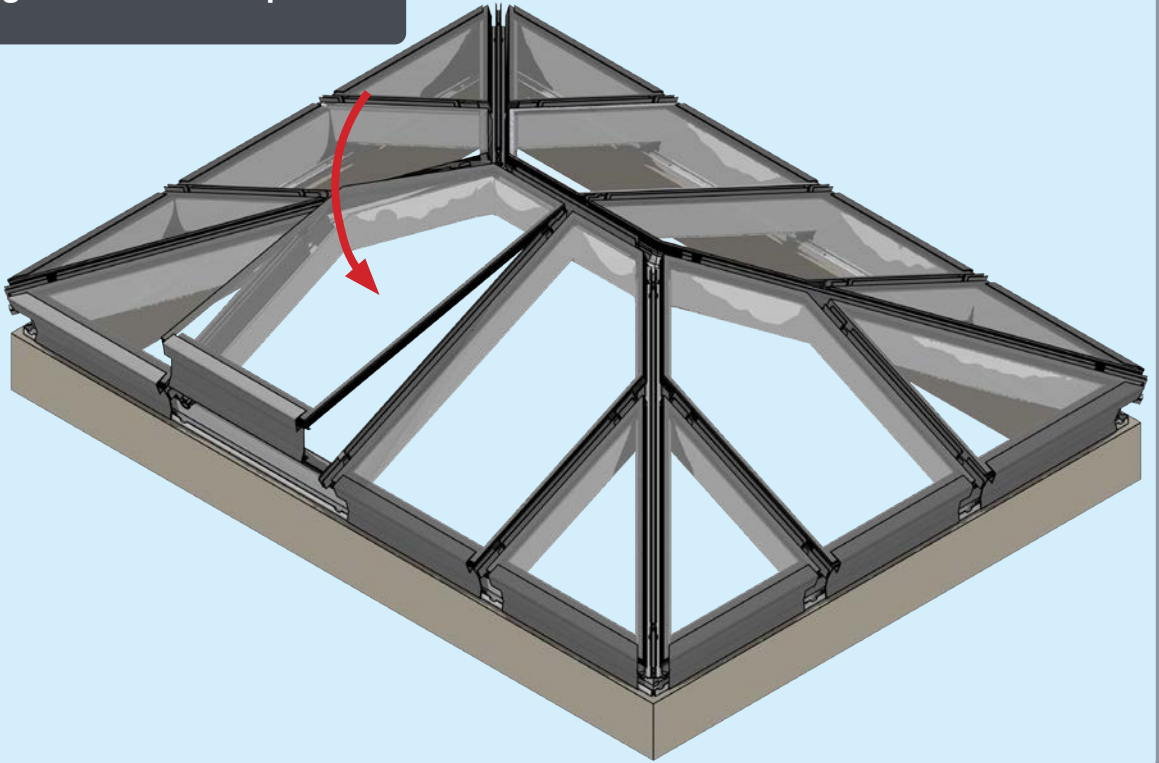
Dimensions shown  
approx 15mm

# GLAZING

8



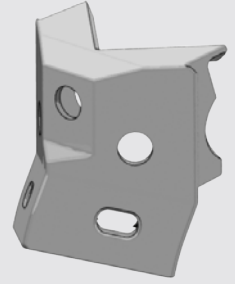
Locate top edge and rotate into position



Ensure retainer is seated as shown

# HIP LOWER ENDCAP

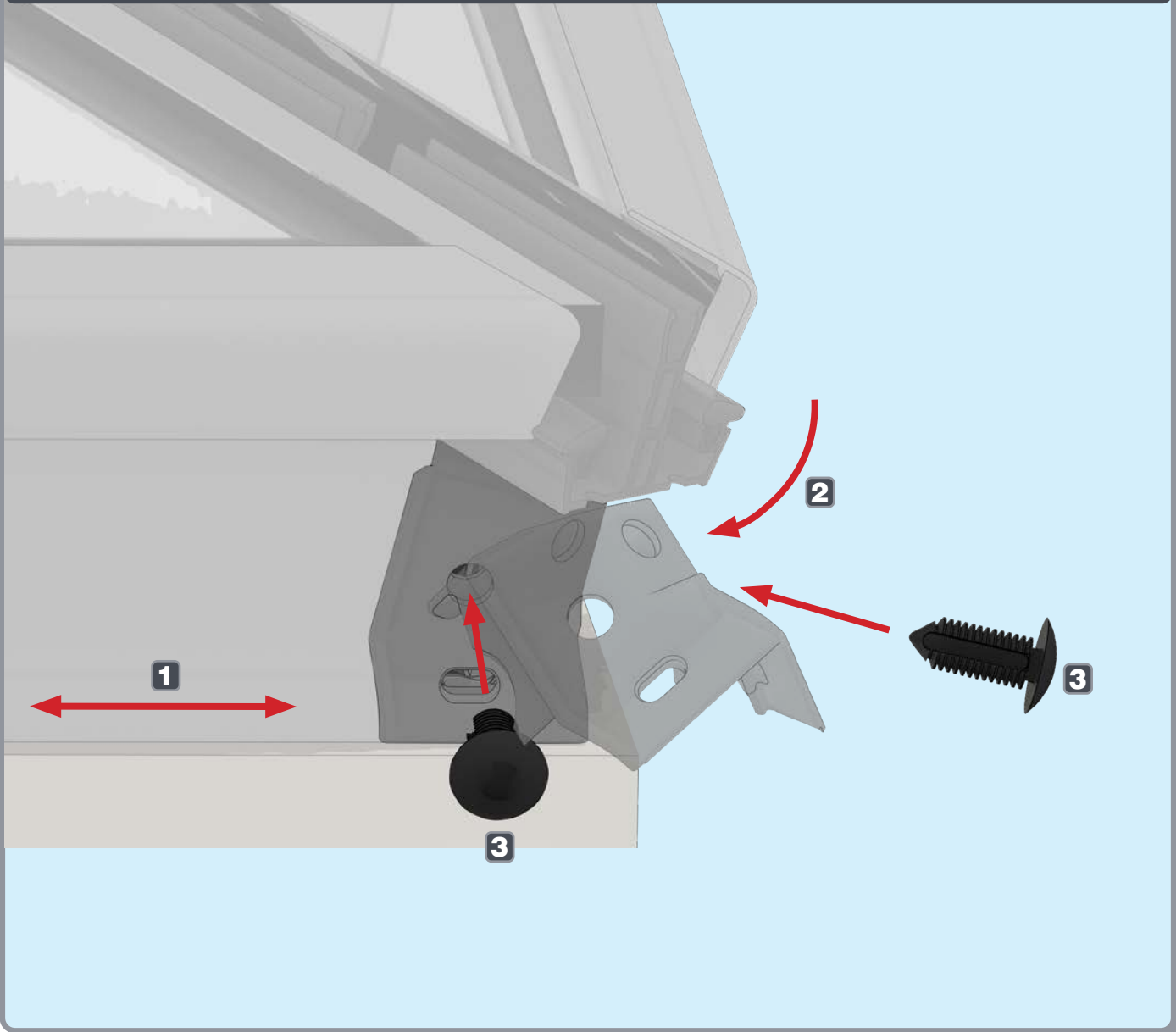
9



**1** Adjust glass retainer

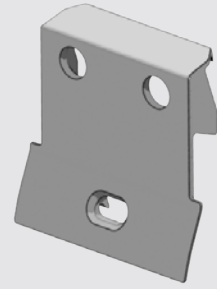
**2** Rotate into position

**3** Use mallet to fit clips

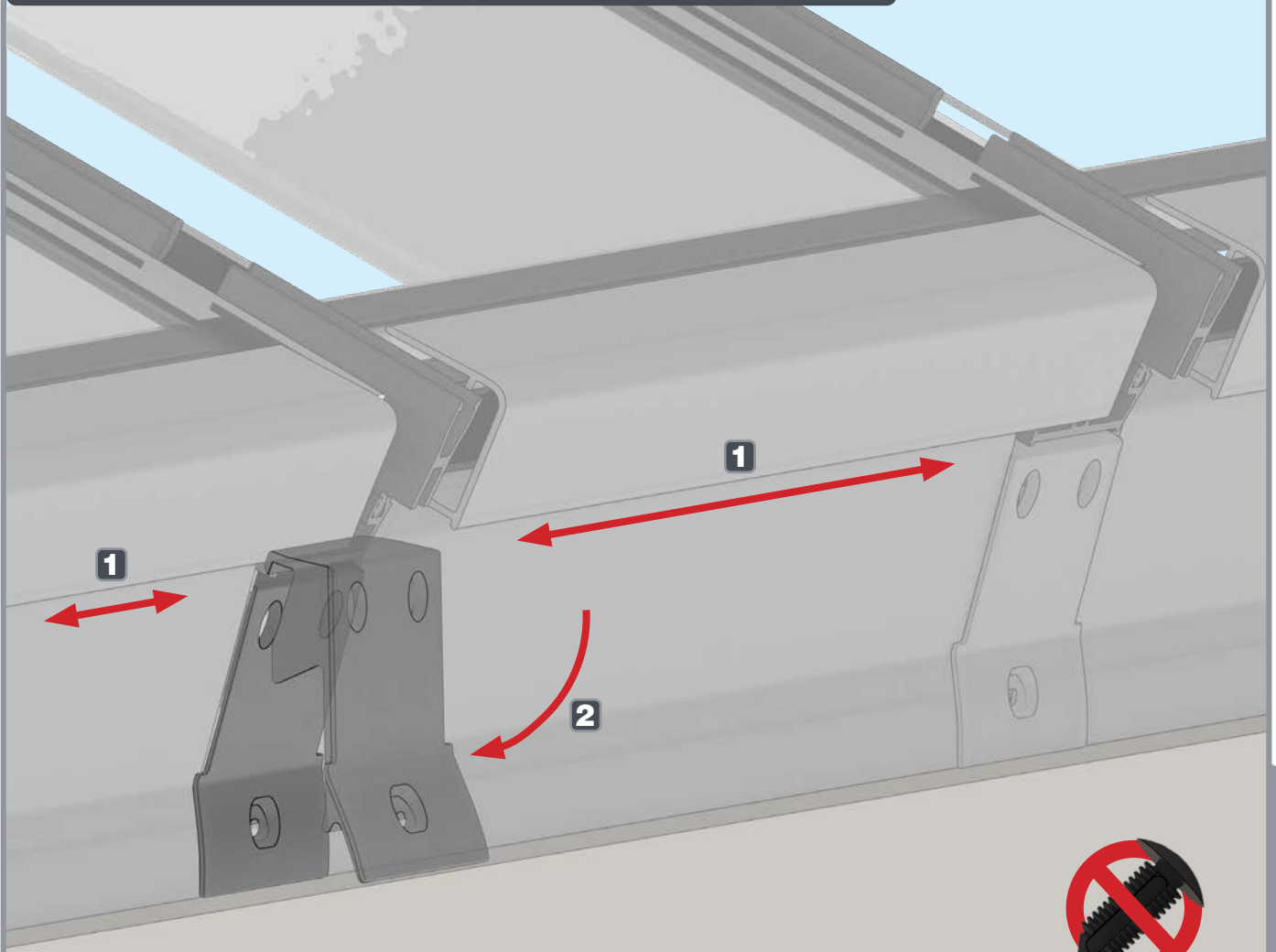


# LOWER RAFTER ENDCAPS

# 10

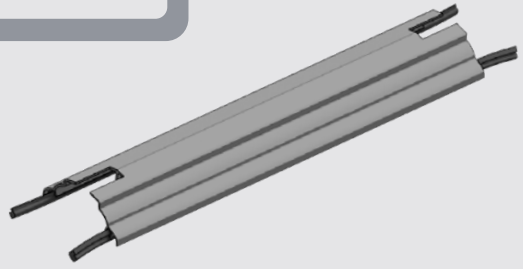


- 1** Adjust glass retainer
- 2** Rotate into position

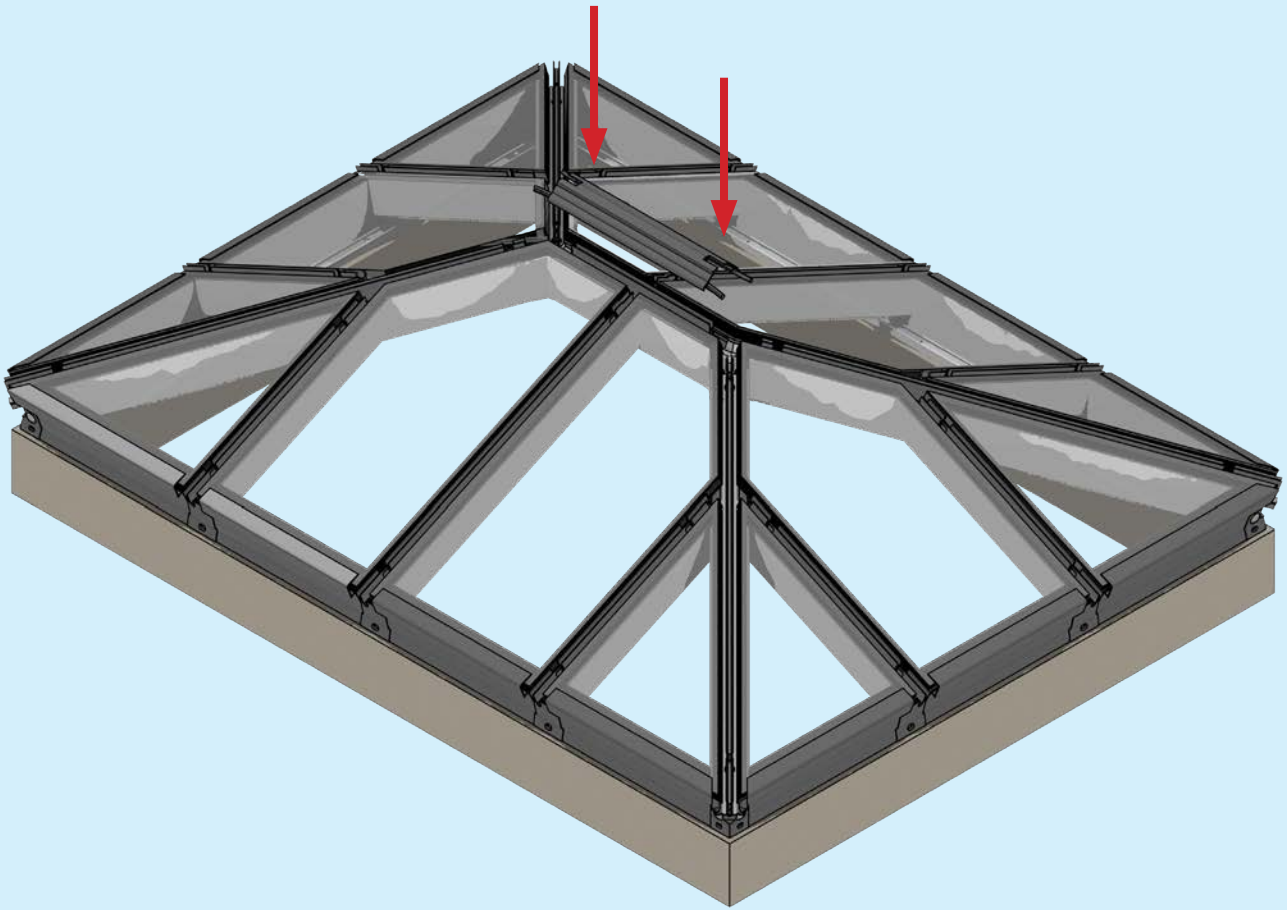


## RIDGE TOP CAP

11



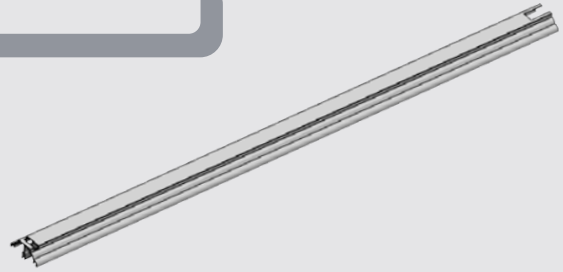
Clip top cap on to ridge and space centrally



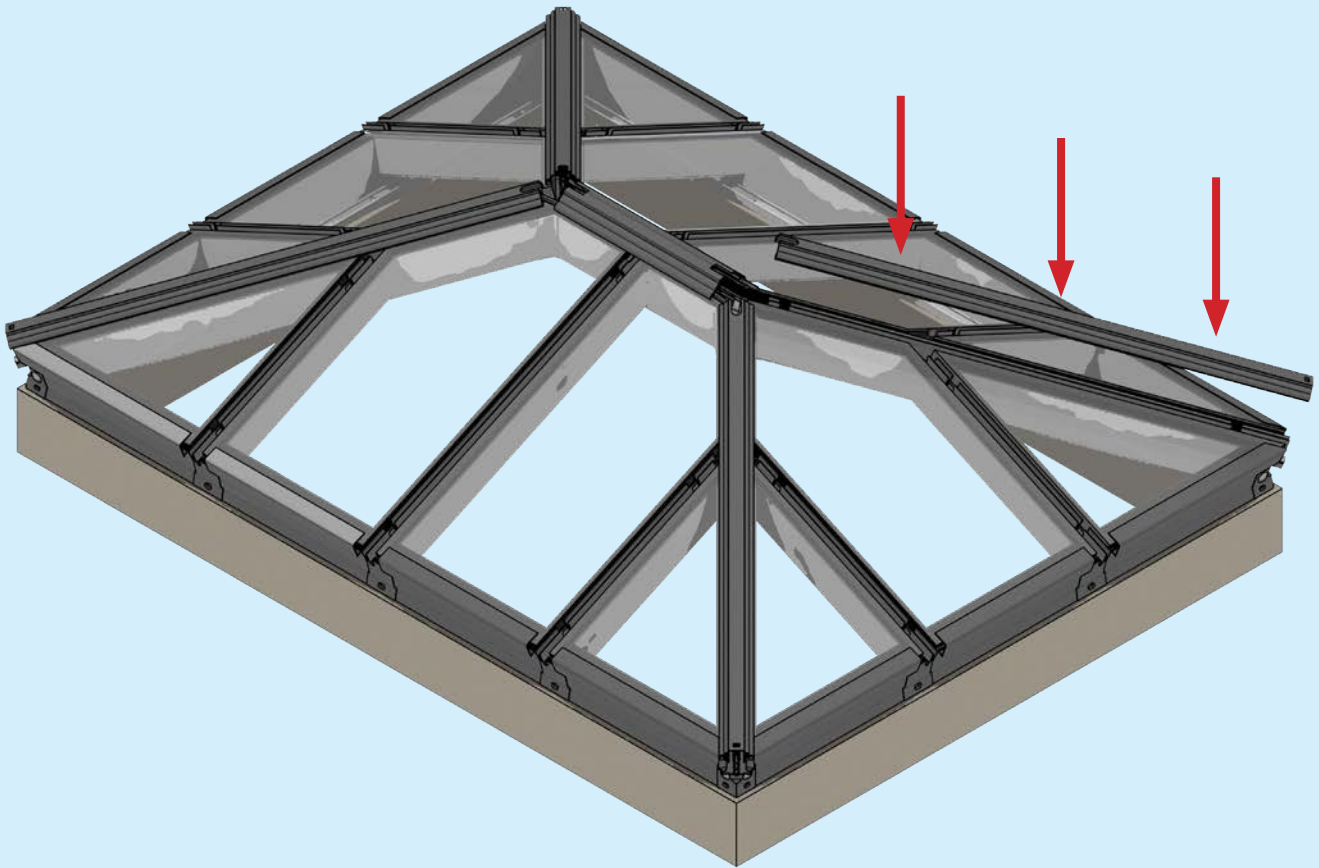
Leave gaskets overlong

## HIP TOP CAPS

12



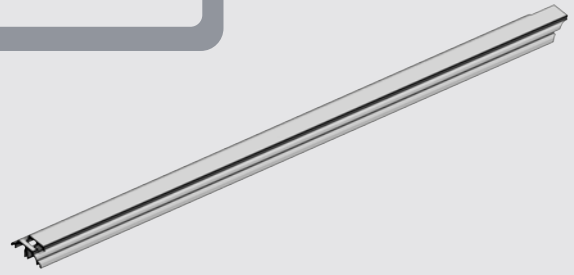
Clip top caps on to hips



Ensure top cap lower end aligns with the lower end of hip

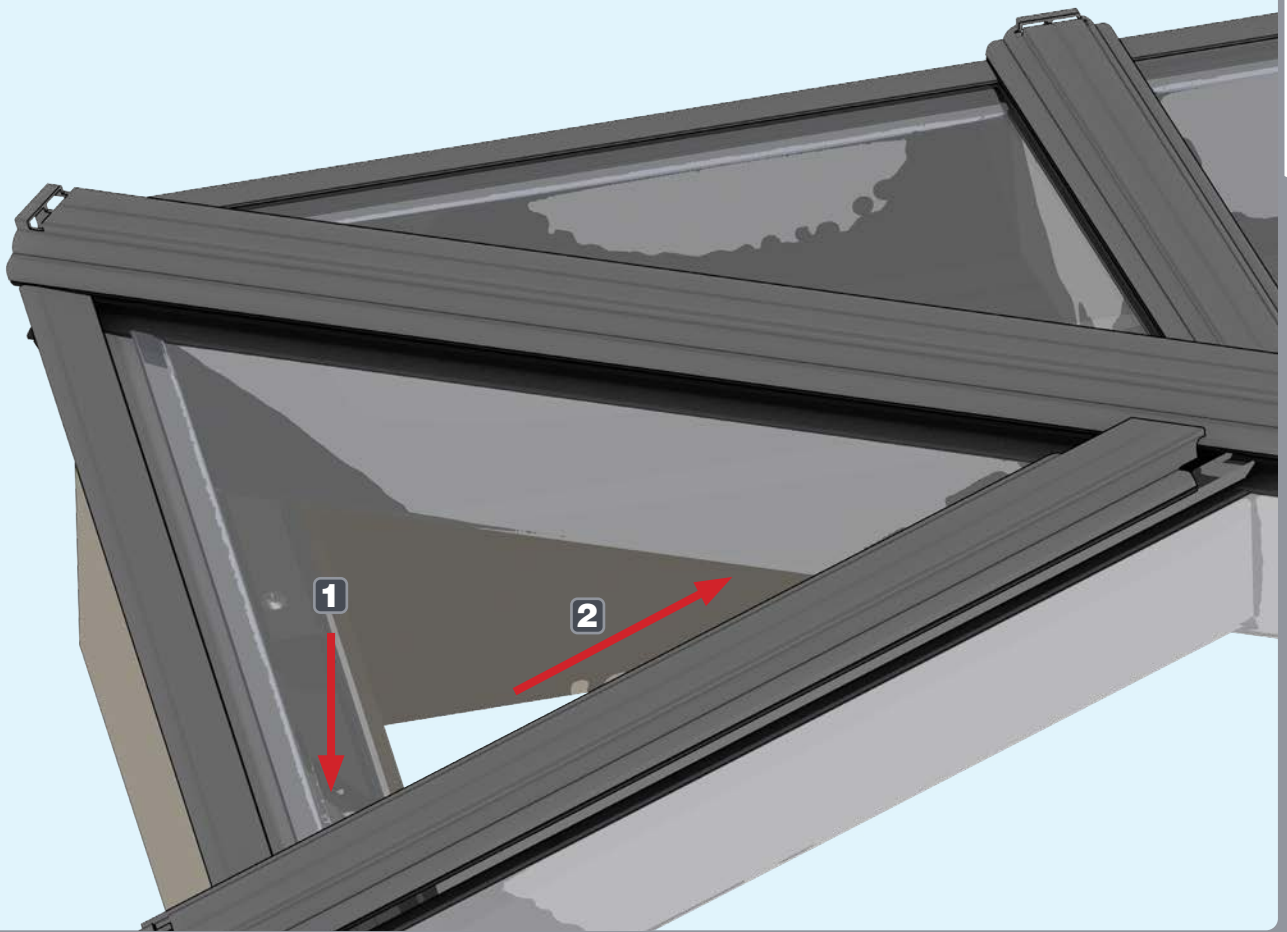
## RAFTER TOP CAP

13



1 Clip top caps on to rafters

2 Tap up into position

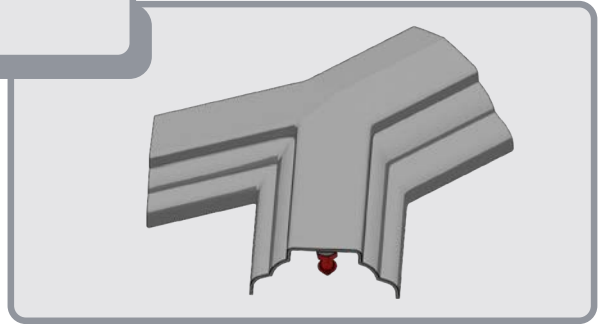


Ensure top cap lower end aligns with lower end of rafter

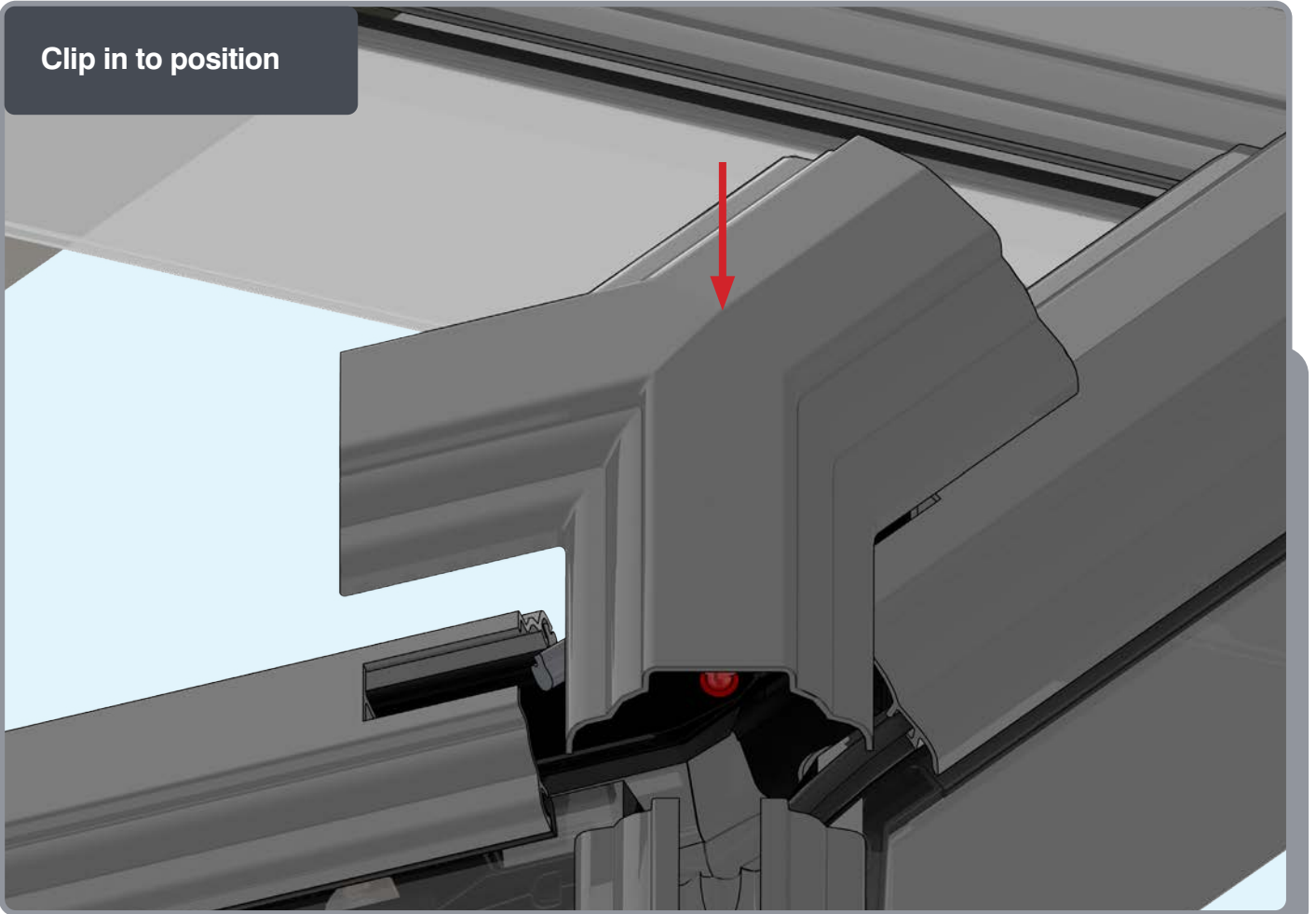


# BOSS TOP CAPS

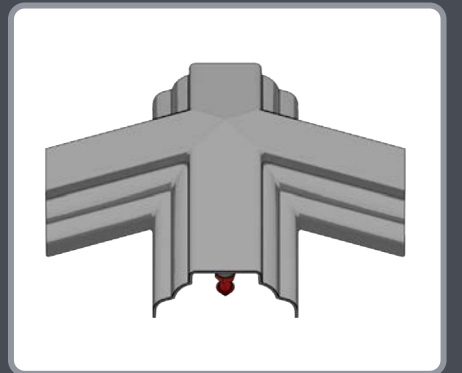
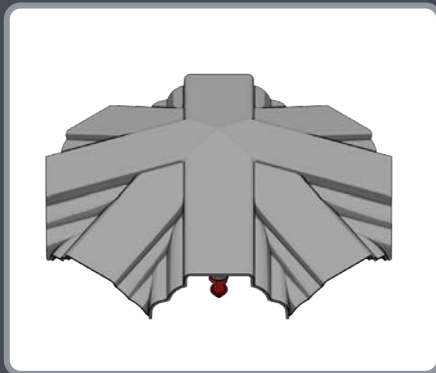
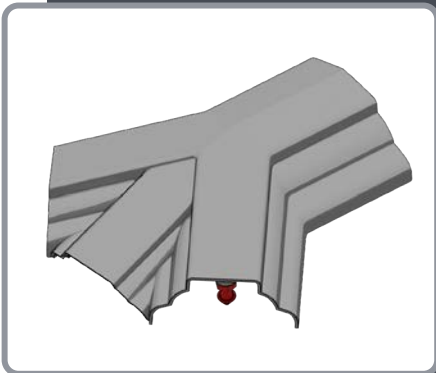
# 14



Clip in to position



## Variations

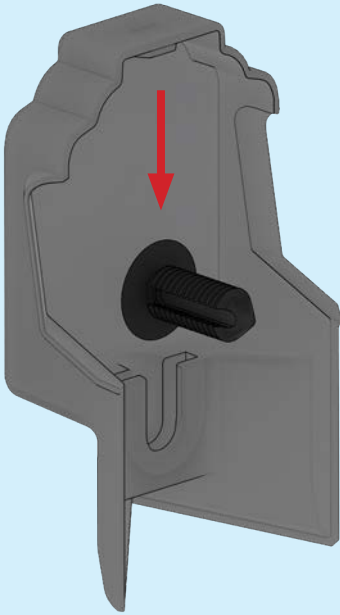


# HIP UPPER END CAPS

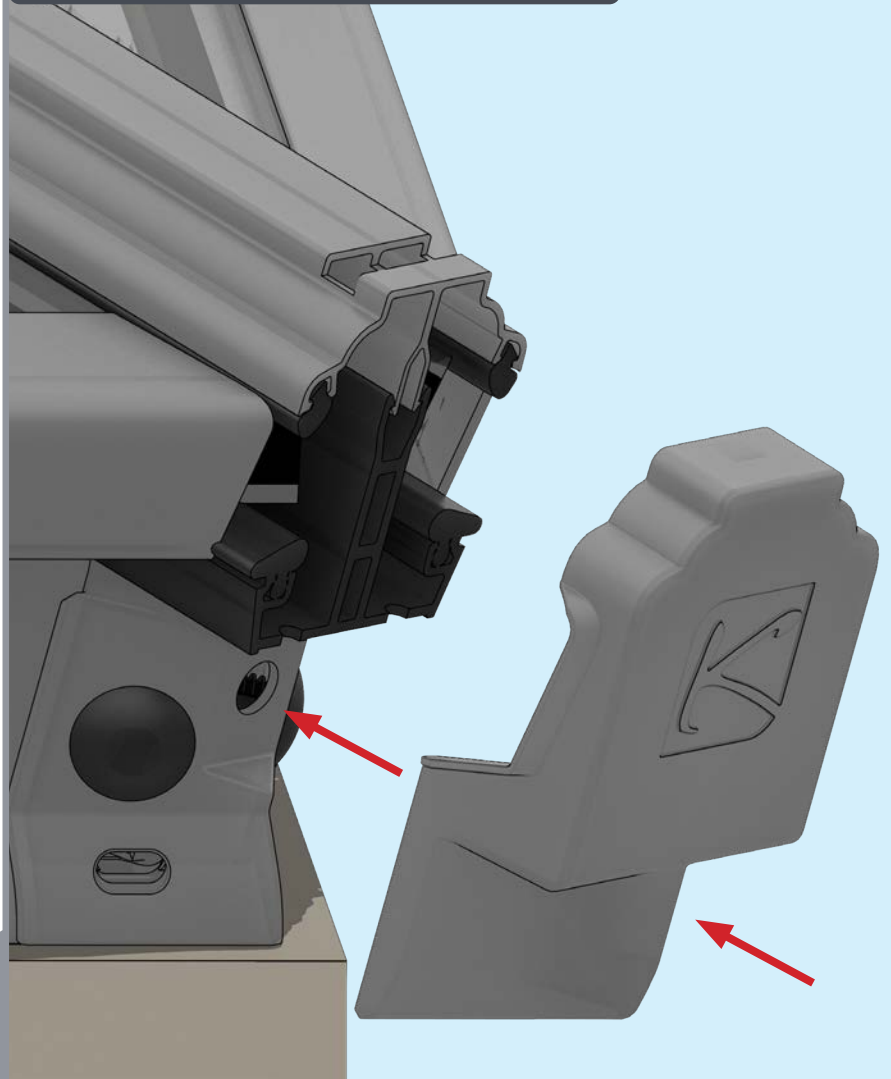
# 15



**1** Fit fir tree clips to end caps



**2** Push end caps onto ends of hips

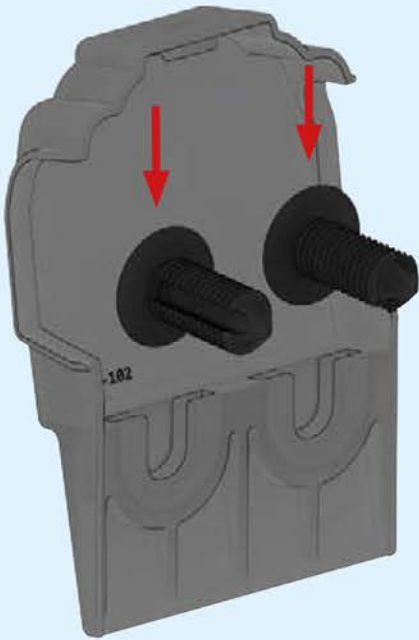


# RAFTER UPPER END CAPS

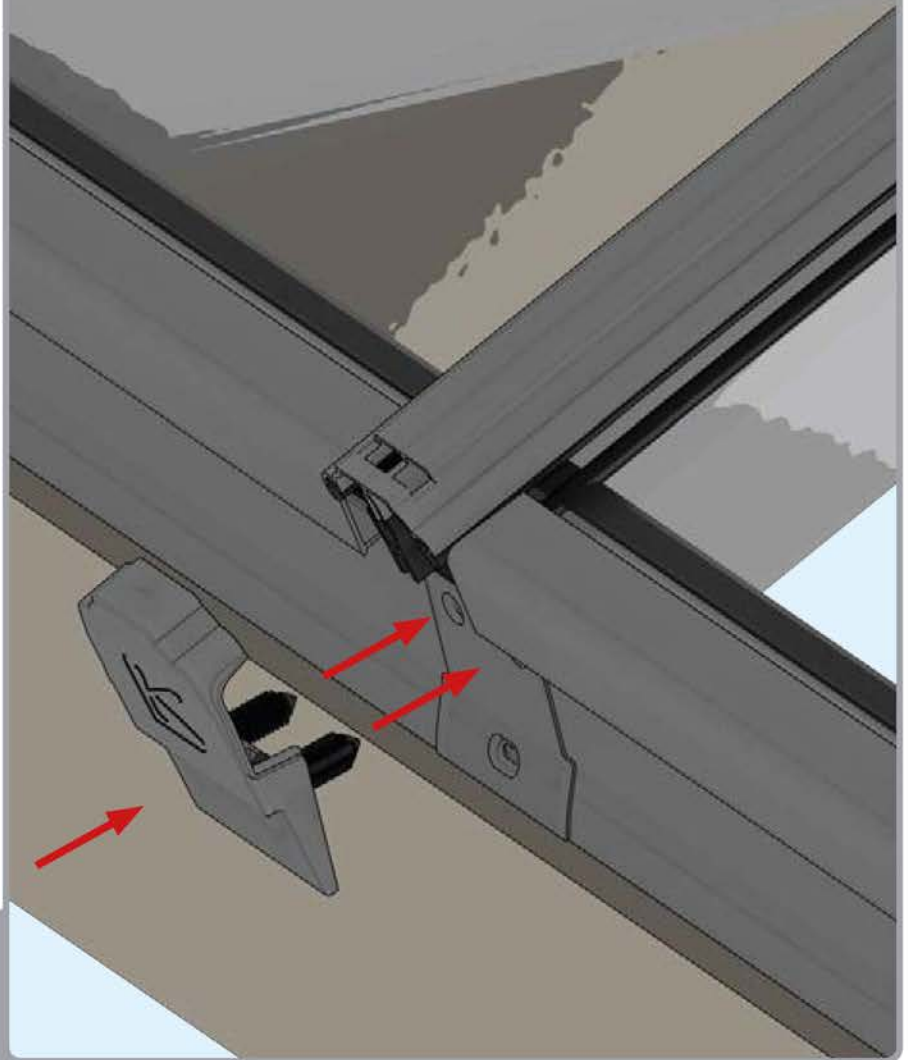
# 16



**1** Fit fir tree clips to end caps



**2** Push end caps onto ends of rafters



# COMPONENTS LIST



RAFTER RIDGE LUG  
KLC-100



RAFTER EAVES LUG  
KLC-101



RAFTER OUTER  
END CAP  
KLC-102



RAFTER INNER  
END CAP  
KLC-103



HIP OUTER END  
CAP  
KLC-105



HIP INNER  
ENDCAP  
KLC-106



HIP EAVES  
LUG  
KLC-107



2 WAY BOSS  
TOP CAP  
KLC-108



2 WAY BOSS TOP CAP  
FOR FINIAL  
KLC-108/F



3 WAY BOSS TOP CAP  
KLC-109



3 WAY BOSS TOP CAP  
FOR FINIAL  
KLC-109/F



BOSS TOP  
CAP PIN  
KLC-110



EAVES BEAM  
CORNER BRACKET  
KLC-111



ISOLATING  
COLLAR  
KLC-112



TWO WAY  
END BOSS  
KLC-113



THREE WAY  
END BOSS  
KLC-114



JACK RAFTER LUG  
LEFT  
KLC-115



JACK RAFTER LUG  
RIGHT  
KLC-116



BALL FINIAL  
KLC-117



B2B FOUR WAY  
BOSS  
KLC-119



B2B EIGHT WAY  
BOSS  
KLC-120



B2B FOUR WAY BOSS  
TOP CAP  
KLC-121



B2B FOUR WAY BOSS  
TOP CAP FOR FINIAL  
KLC-121/F



B2B EIGHT WAY BOSS  
TOP CAP  
KLC-122



B2B EIGHT WAY BOSS  
TOP CAP FOR FINIAL  
KLC-122/F



RAFTER  
SUPPORT BLOCK  
KLC-123



CHIMNEY  
NUT M8  
KLF-300



EAVES BEAM  
SCREW  
KLF-301



BOLT M8 X 70  
KLF-303



TAPERED  
WASHER M8  
KLF-304



BOLT M8 X 60  
KLF-305



FIR TREE CLIP  
KLF-306



BOLT M8 X 20  
KLF-307



SERRATED  
FLANGE NUT M8  
KLF-311



TIE WRAP  
KLF-315



EAVES BEAM / T-BAR  
QLON GASKET  
KLG-200



TOP CAP QLON  
GASKET  
KLG-201



BOSS CENTRAL  
GASKET W/CENTER  
RAFTER KLG-202



BOSS CENTRAL  
GASKET  
KLG-203



BOSS LEFT  
GASKET  
KLG-204

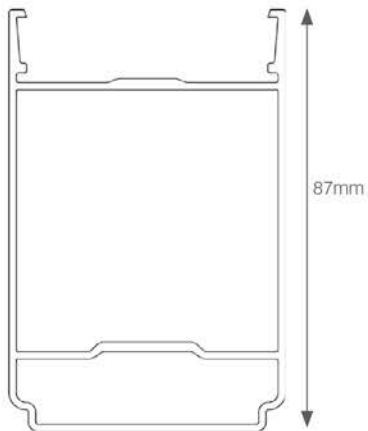


BOSS RIGHT  
GASKET  
KLG-205

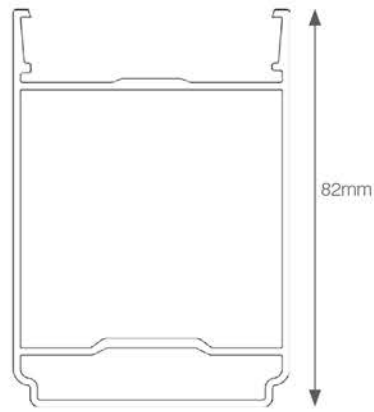


HEX TOOL  
KLT-01

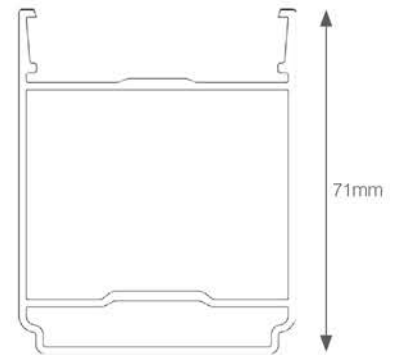
# COMPONENTS LIST



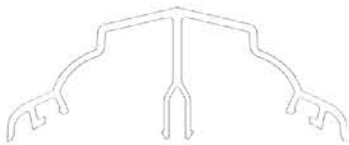
RIDGE BODY  
KLP-01



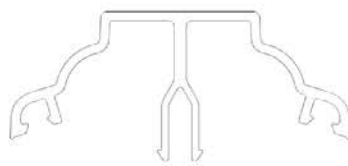
HIP BODY  
KLP-02



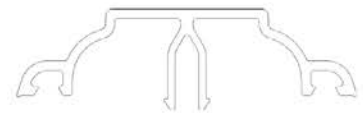
RAFTER BODY  
KLP-03



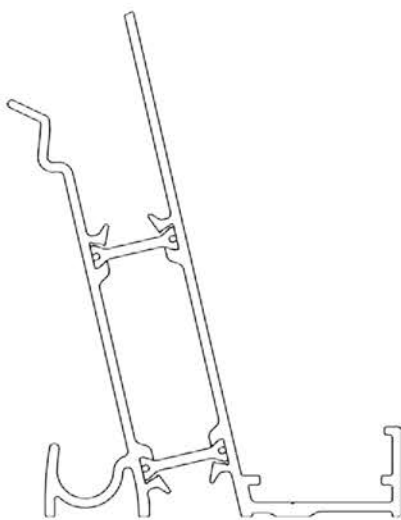
RIDGE TOP CAP  
KLP-06



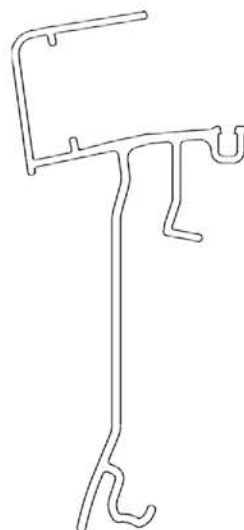
HIP TOP CAP  
KLP-07



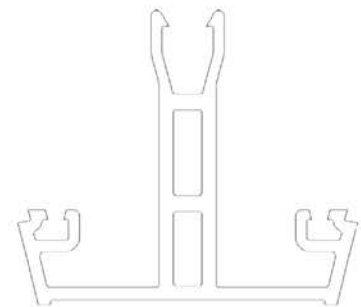
RAFTER TOP CAP  
KLP-08



EAVES BEAM  
KLP-05



GLASS RETAINER  
KLP-04



THERMAL T BAR  
KLP-09

