

VICTORIAN ASSEMBLY INSTRUCTIONS



Victorian Vi 23 / Vi 34

PRODUCT INFORMATION

Dear customer

Thank you for buying a high-quality aluminium greenhouse.

REMARKS

In all drawings you find the mounting-instructions for all basic standard-models. However this manual should be a sufficient guidance for all special-case greenhouses. This greenhouse is designed for cultivation of plants/flowers. Therefore leakage, water drops and condensation inside the building are allowed. The building may only be entered by competent persons during cultivation or maintenance. Aluminium profiles that are not painted may show black stains, these stains are not a production error: they can be easily removed with a aluminium cleaner available at every good drugstore. The rubber strips have been treated with oil/silicone on the interior to facilitate the assembly. The building should be mounted on a solid concrete foundation deep enough to get a solid and frost-free ground. During winter the roof has to be cleared of snow or supported in a suitable way. The greenhouse should be built in a location protected from strong winds. Protective gear (such as protective gloves) should be used during mounting in order to avoid injuries. One should at all times pay attention to the local building regulations.

ASSEMBLY ORDER

The assembly procedure is the same for all our greenhouses.

- Sorting of the profiles according the model.
- Mounting of the complete aluminium construction.
- Leveling of the construction using a waterlevel.
- Securing the building to the ground
- Glazing.

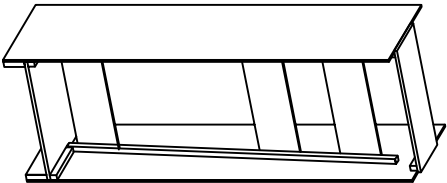
REQUIRED TOOLS

Socket wrench nr. 10 or spanner nr. 10, water-level, screwdriver, drilling machine + drill 4.2 mm, scissors (to cut the rubber).




We reserve the right to change the construction without prior notice!

PALLET

WEIGHT:		
H23	350 kg	
H34	500 kg	
H36	600kg	
DIMENSIONS:		
800 x 900 x 2300 mm		

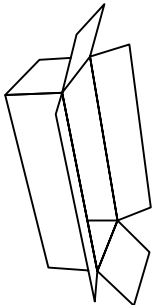







POSITION	GLAS DIMENSIONS	H23	H24	H33	H34	H36
sliding door	730 x 1850 mm	1 pc	1 pc	1 pc	1 pc	1 pc
gabels	730 x 1850 mm	12 pc	16 pc	14 pc	18 pc	22 pc
underneed louvre-vent	730 x 825 mm	1 pc	1 pc	1 pc	1 pc	1 pc
triangle SL1	1099 x 74 x 543 mm	4 pc	4 pc	-	-	-
triangle SL2	730 x 74 x 411 mm	-	-	4 pc	4 pc	4 pc
triangle SL3	730 x 414 x 696 mm (113 plat)	-	-	4 pc	4 pc	-
roof	730 x 1250 mm	6 pc	9 pc	-	-	-
roof	730 x 1650 mm	-	-	6 pc	9 pc	12 pc
roofwindow	730 x 825 mm	2 pc	3 pc	2 pc	3 pc	4 pc
underneed roofwindow	730 x 425 mm	2 pc	3 pc	-	-	-
underneed roofwindow	730 x 825 mm	-	-	2 pc	3 pc	4 pc

ITEM	H23	H24	H33	H34	H36
 louvre-vent	1 pc	1 pc	1 pc	1 pc	1 pc
 slidingdoor	1 pc	1pc	1 pc	1 pc	1 pc
 roofwindow	2 pc	3 pc	2 pc	3 pc	4 pc
bag small items	1 pc	1 pc	1 pc	1 pc	1 pc
PRO6578 corner profile	1830 mm	4 pc	4 pc	4 pc	4 pc
PRO1456 glazing bar gable	1830 mm	8 pc	12 pc	1830 mm	10 pc
PRO6918 endbar roof	1230 mm	4 pc	4 pc	1630 mm	4 pc
PRO1456 glazing bar roof	1230 mm	6 pc	10pc	1630 mm	6 pc
PRO10980 round tube Ø40	1900 mm	2 pc	2 pc	1900 mm	2 pc
PRO20362 wind bracings gabel	1975 mm	8 pc	8 pc	1975 mm	8 pc
PRO1748 rubber 12m/rol	5 pc	6 pc	5 pc	7 pc	8 pc

COLLI A

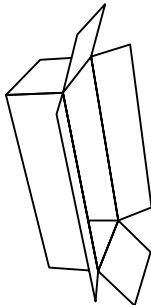
WEIGHT:		
H23	19 kg	
H34	24 kg	
H36	24 kg	
DIMENSIONS:		
250 x 150 x 3200 mm H23 4700 mm H34 4700 mm H36		






ITEM	H23 / H24	H33 / 34 / H36
 PRO6120 foundation profile	2360 mm 2 pc	3098 mm 2 pc
 B19_1030 round tube Ø19	900 mm 2 pc	1030 mm 2 pc
 15.75 Inch long Corner stake	400 mm 4 pc	400 mm 4 pc
 PRO20229 horizontal gable prof.	2244 mm 2 pc	2982 mm 2 pc
 PRO20362 wind bracings roof	2543 mm 4 pc	2757 mm 4 pc
bag small materials	1 pc	1 pc
PRO1456 glazing bar	547 mm 2 pc	703 mm 2 pc
PRO1456 glazing bar 90 / 65		396 mm 2 pc
PRO1456 glazing bar 65 / 90		396 mm 2 pc

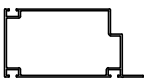
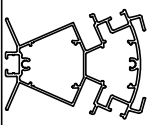


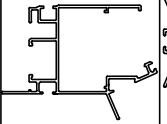
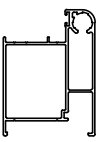

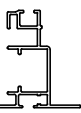
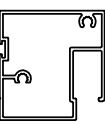

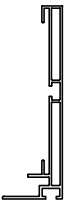

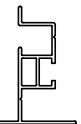
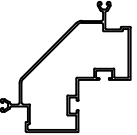
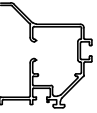
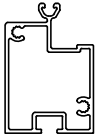



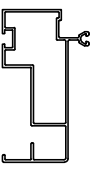
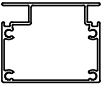


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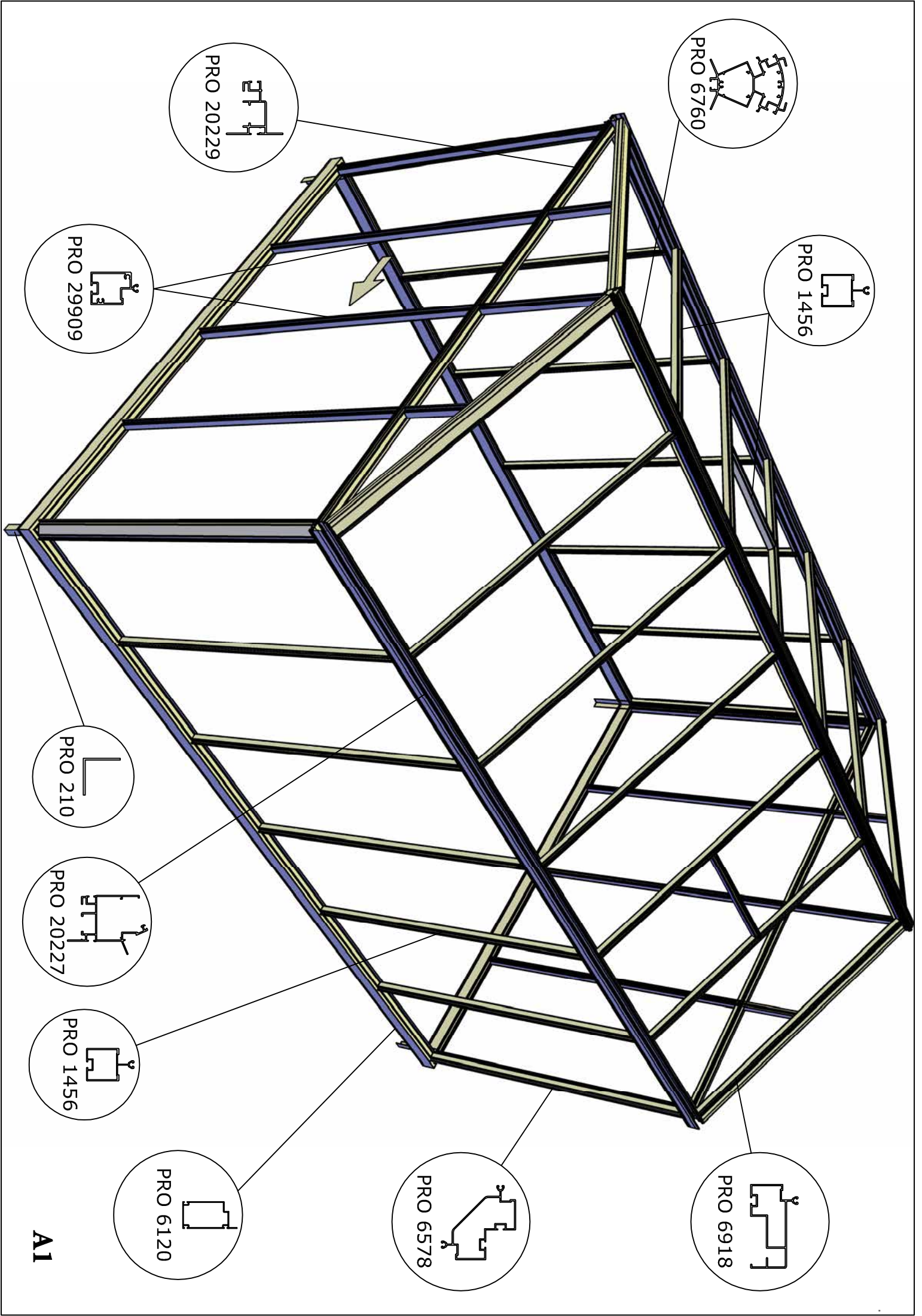
WEIGHT:		
H23	29 kg	
H34	40 kg	
H36	52 kg	
DIMENSIONS:		
250 x 150 x 3200 mm H23 4700 mm H34 6250 mm H36		



ITEM	H23 / H33	H24 / H34	H36
 PRO6120 foundation profile	3098 mm 2 pc	4574 mm 2 pc	6050 mm 2 pc
 PRO20227 gutter profile	3098 mm 2 pc	4574 mm 2 pc	6050 mm 2 pc
bag bolts + nuts	100 pc	150 pc	150 pc
 Misting system tube Ø 32mm	2300 mm 1 pc	3300 mm 1 pc	4300 mm 1 pc

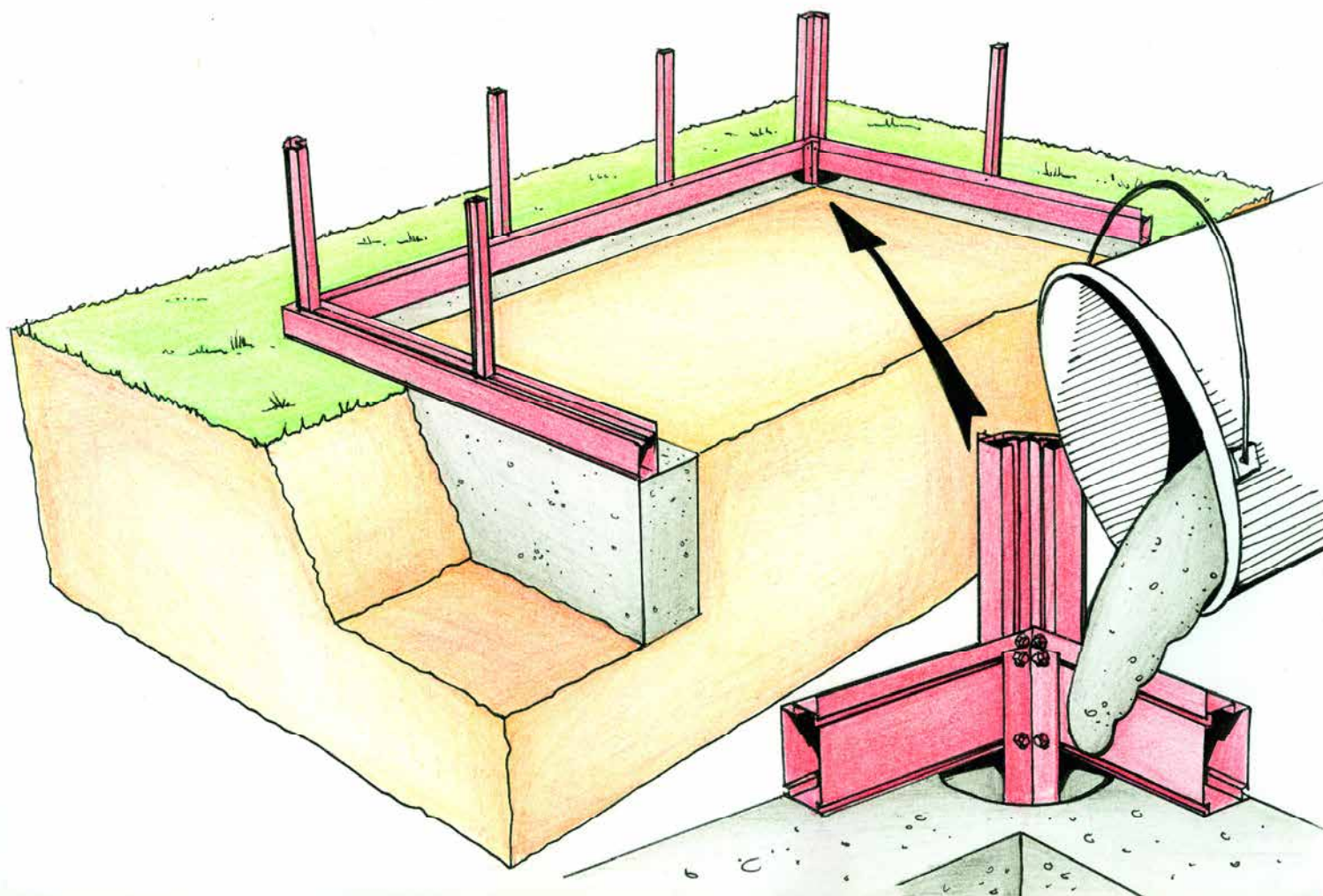
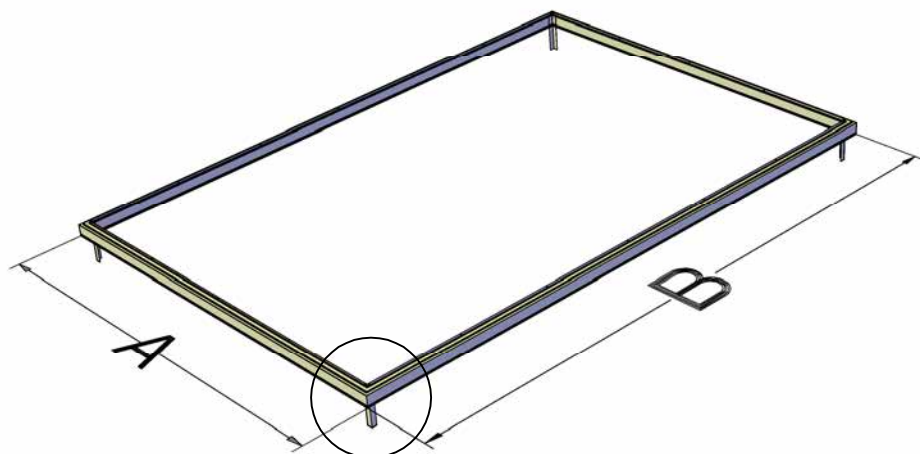
PACKING LIST "HELIOS SL"

PRO6120 Foundation profile 					
PRO6760 Ridge profile 	PRO42142 Side Profile Turning Door 		PRO7615 Topprofile roofwindow 		
PRO20227 Gutter Helios 	PRO6954 Side profile Turning Door 		PRO7609 Sideprofile roofwindow 		
PRO20229 Horizontal gable profile 		PRO6951 Side Profile for sliding door 	PRO7610 Bottom roofwindow 	PRO37359 Top Shelf 	
PRO1456 Vertical Glazing Bar 		PRO6121 Top/Bottom profile of sliding door 			
PRO6578 Corner profile 		PRO7876 Hanger for Sliding Door 			
PRO29909 Doorpost 		PRO39796 Bottom guide slinding door 	PRO20780 Glas–secure profile 	PRO1748 Rubber greenhouses 	
PRO6918 Gable Profile 		PRO6953 Horizontal Profile Turning Door 	PRO29973 Curtain Rail 		
			PRO21214 Side bracings 		



" HELIOS "

A	X	B
Vi23 2360 mm/ 92.91 in		Vi23 3100 mm/ 122.04 in
Vi34 3100 mm/ 122.04 in		Vi34 4580mm/ 180.31 in



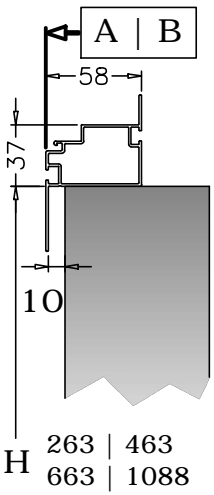
Note: While the foundation dimensions are provided above we recommend that you layout the actual greenhouse frame before construction of the foundation. This will eliminate any possible inconsistencies.

Note: Do not fill in corners until the frame is full assembled. You may need to make small adjustments during assembly.

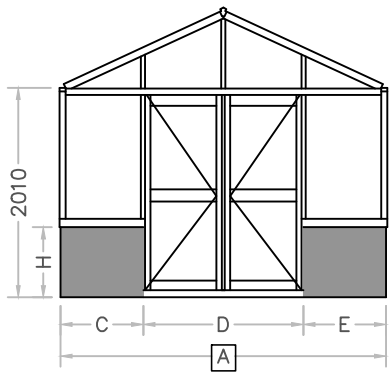
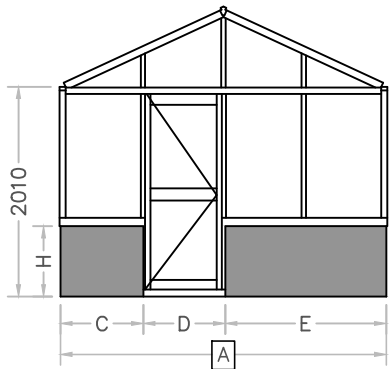
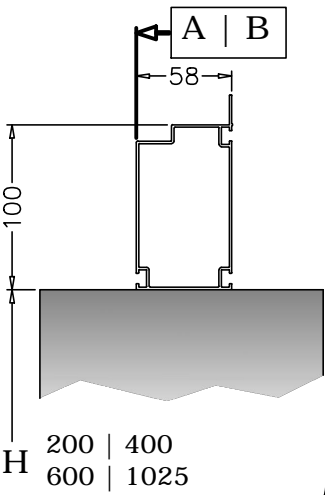
Note: Divide millimeters by 25.4 to get inches

" HELIOS - SPECIAL "

Version 1



Version 2

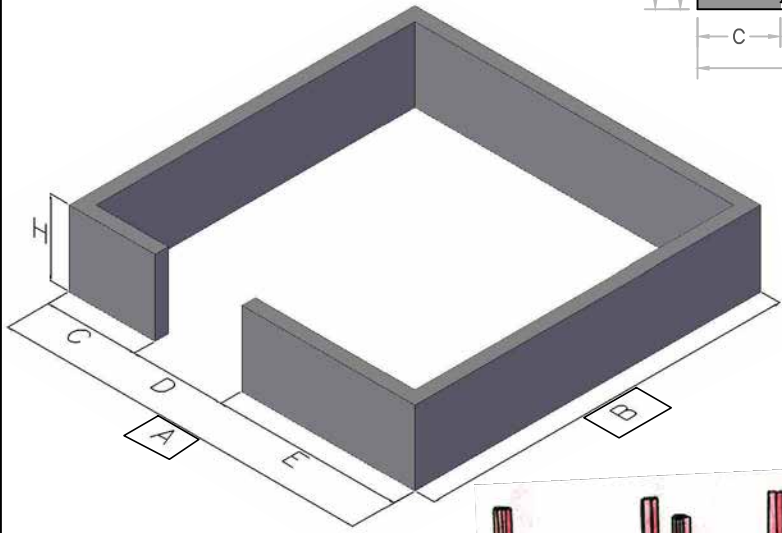


A =	2360	3100	3820
B =	2360	3100	3820
	4580	5318	6060
C =	794	1533	2273
D =	774		
E =	794	1533	2273

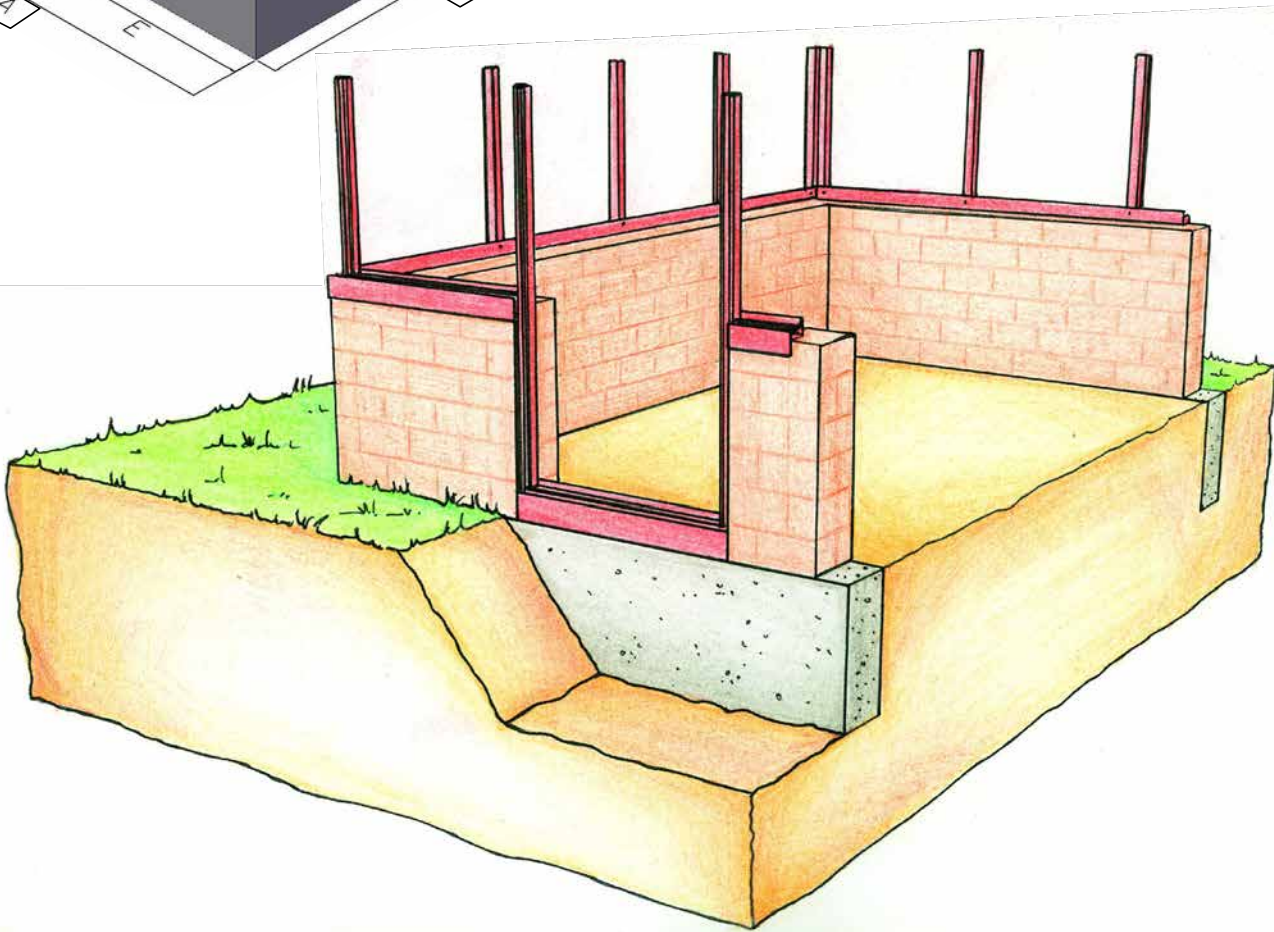
!!! A = C + D + E !!!

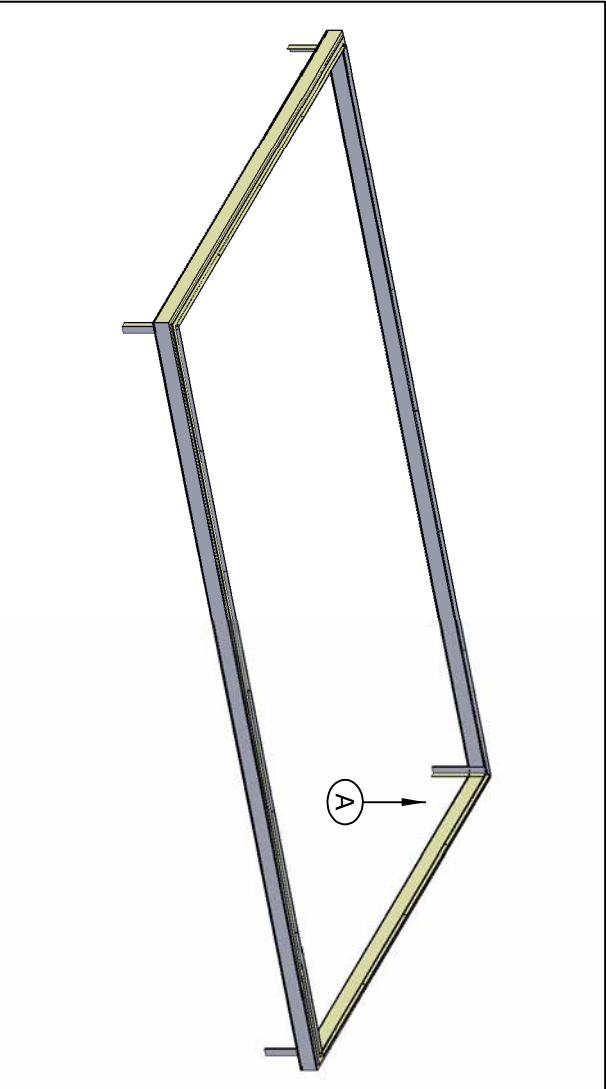
A =	2360	3100	3820
B =	2360	3100	3820
	4580	5318	6060
C =	794	1533	2273
D =	1512		
E =	794	1533	2273

!!! A = C + D + E !!!



Note: Divide millimeters by 25.4 to get inches

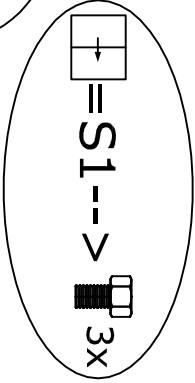




Item	pc.	H23	H24	H33	H34	H36
PRO210	4pc.	300 mm	300 mm	300 mm	300 mm	300 mm
PRO6120	2pc.	2.324mm	2.324mm	3.098mm	3.098mm	3.098mm
PRO6120	2pc.	3.098mm	4.574 mm	3.098mm	4.574 mm	6.050mm
M6x15	16pc+3pc					
M6x60	16pc					

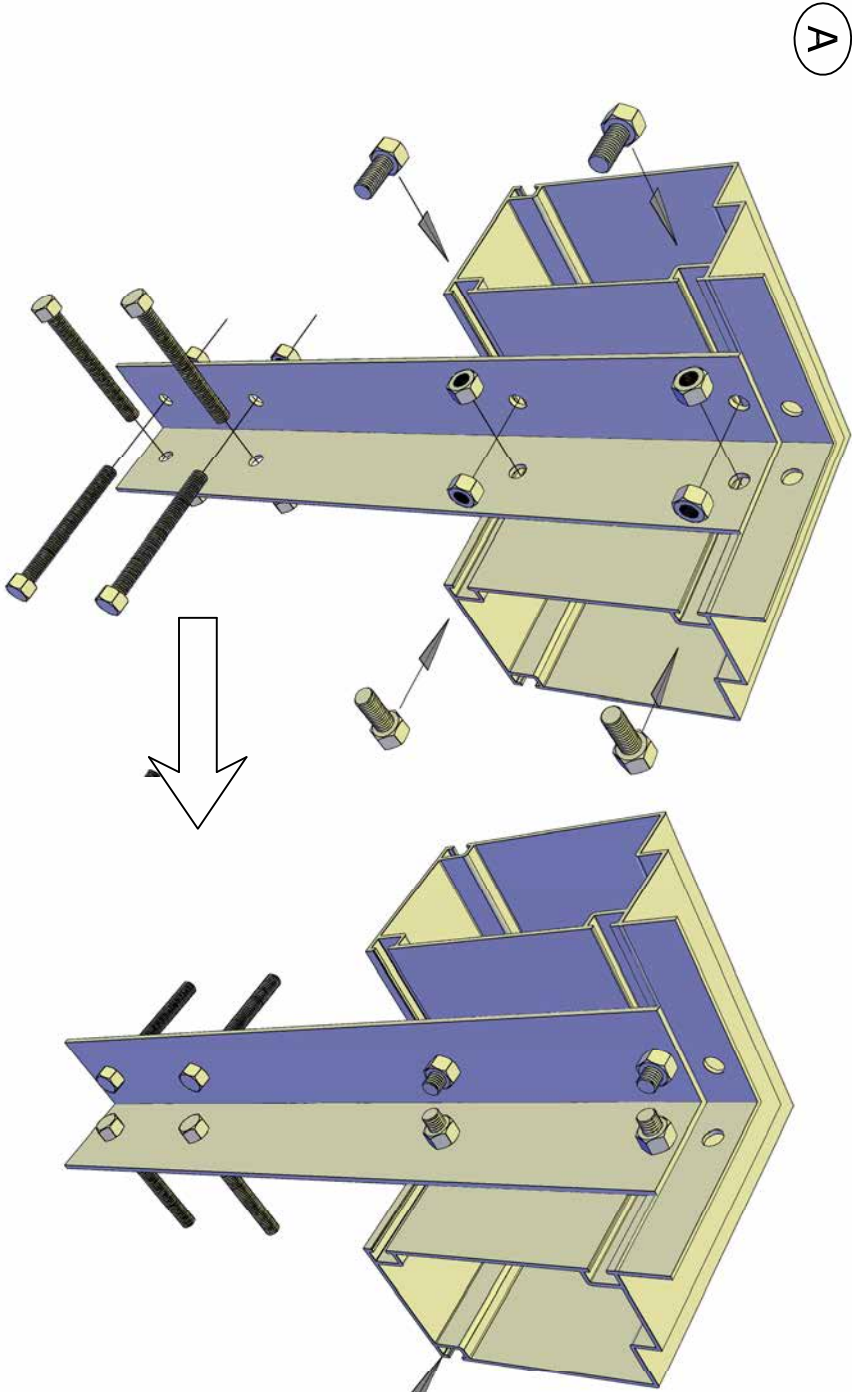
Note: When assembling the foundation in this step only tighten the nuts hand tight. The corners may need to be slightly loose to attach the corner uprights



Note: Before assembling the foundation insert 3 M6x15 Bolts as shown for the sliding door guide.
See page S1.



Suggestion: If the unit is to be installed on a concrete foundation you will need to cut PRO210 flush with the bottom of PRO6120.

You can lay the cut off PRO210 peices on their side and use them to secure the PRO6120 to the concrete foundation.



Item	pc.	H23/24/33/34/36	
	PRO6578	4 pc.	1.830 mm (1.630 mm)
	M6x15	8 pc (+2 pc) (+2 pc)	

Insert bolt in each upright on the side where the top shelf is located.

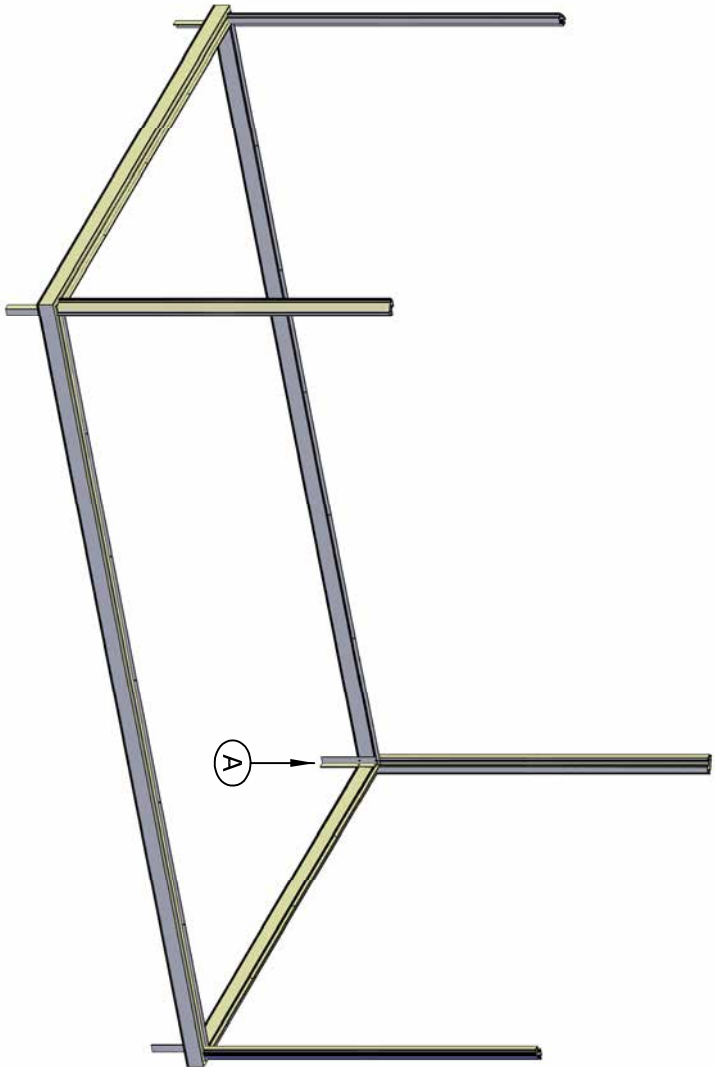


= ZB1 --> 1x

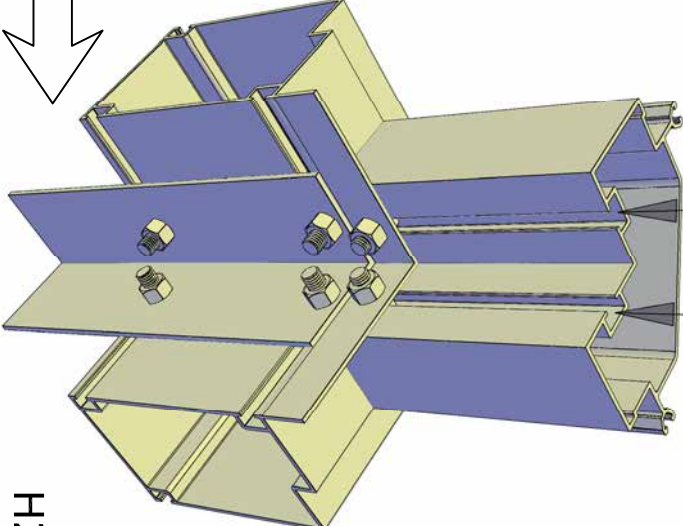
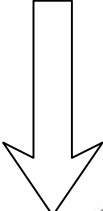
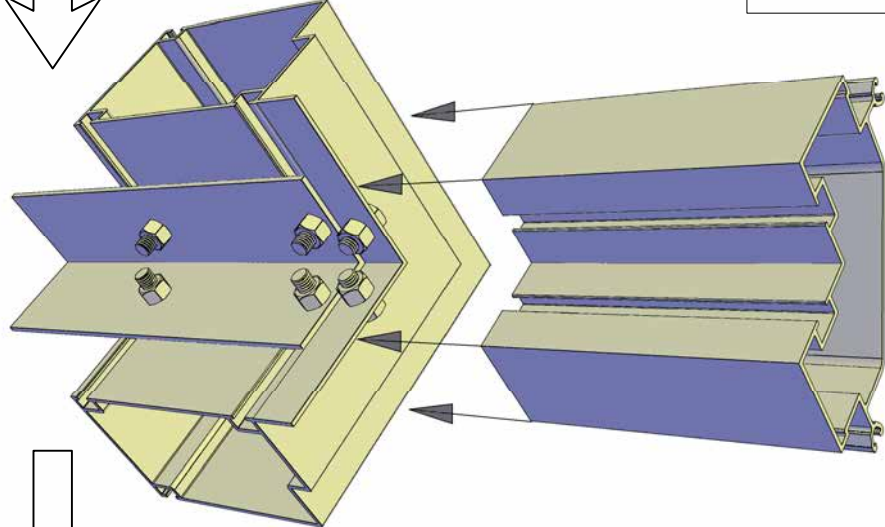
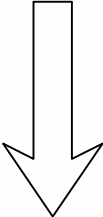
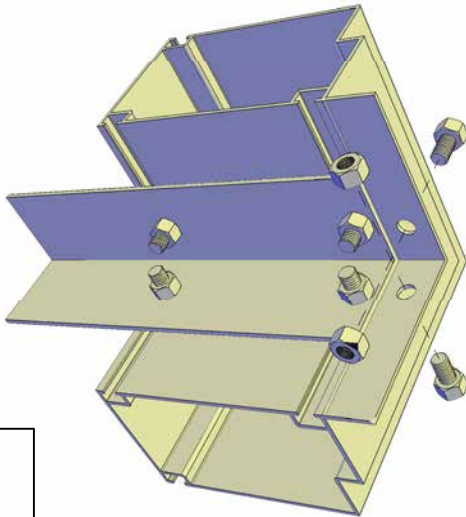


= SC1 --> 1x



Insert bolt in corner of front and back wall for Seed Tray. See page ZB2 and SC1

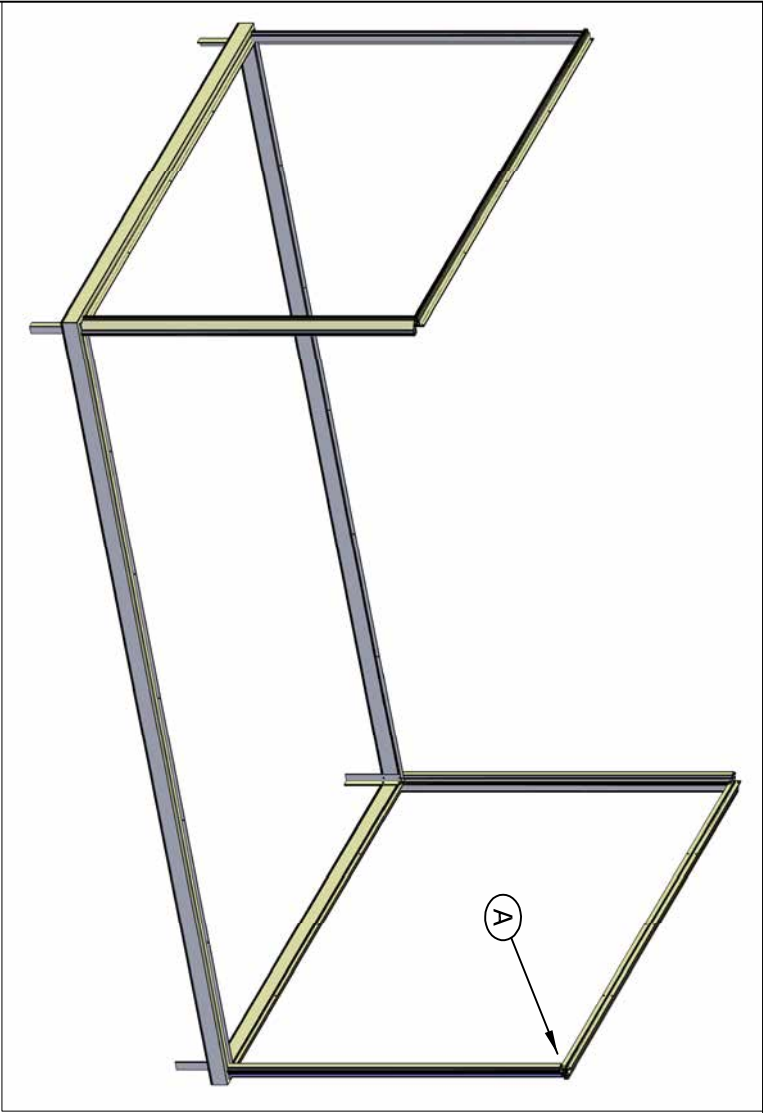


A

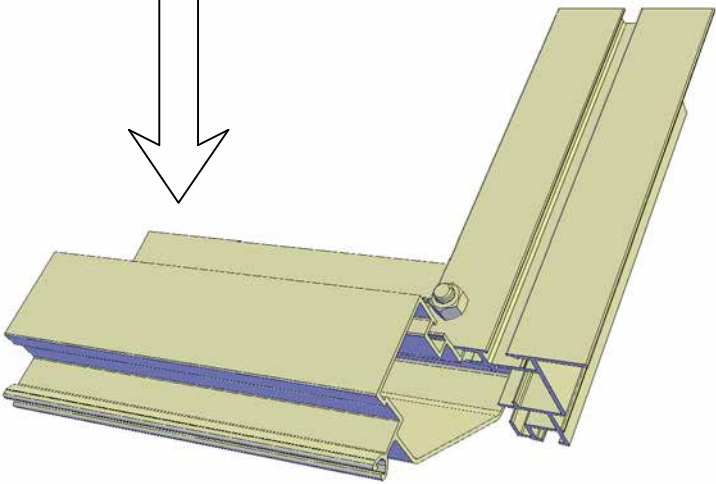
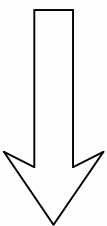
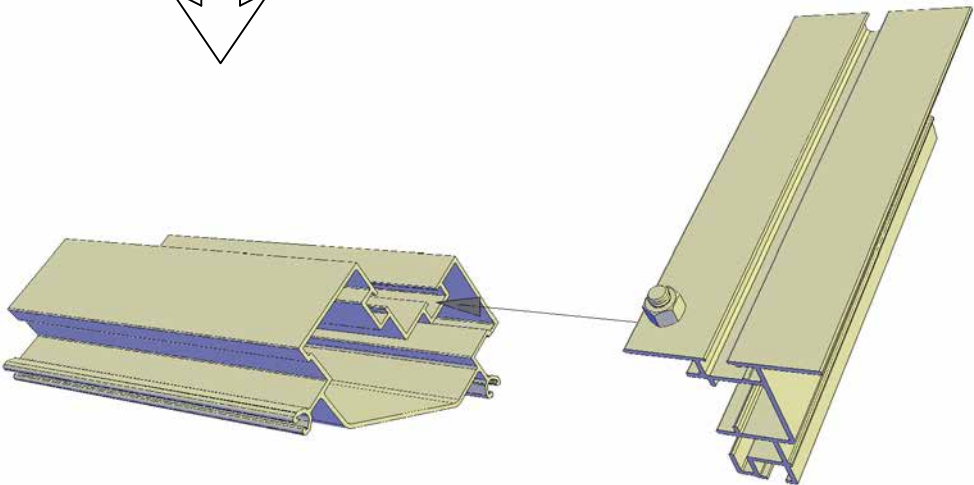
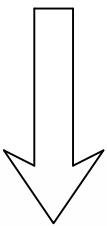
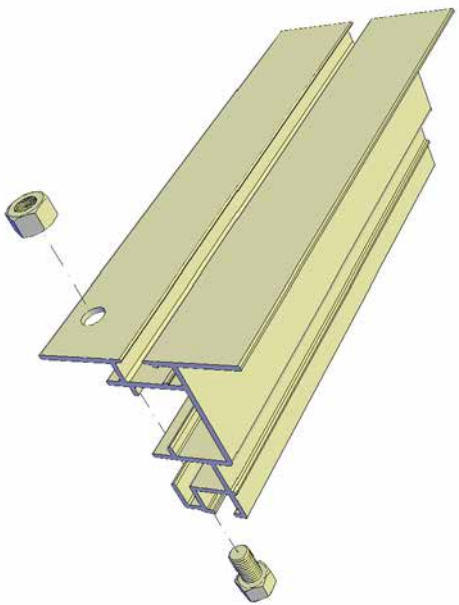


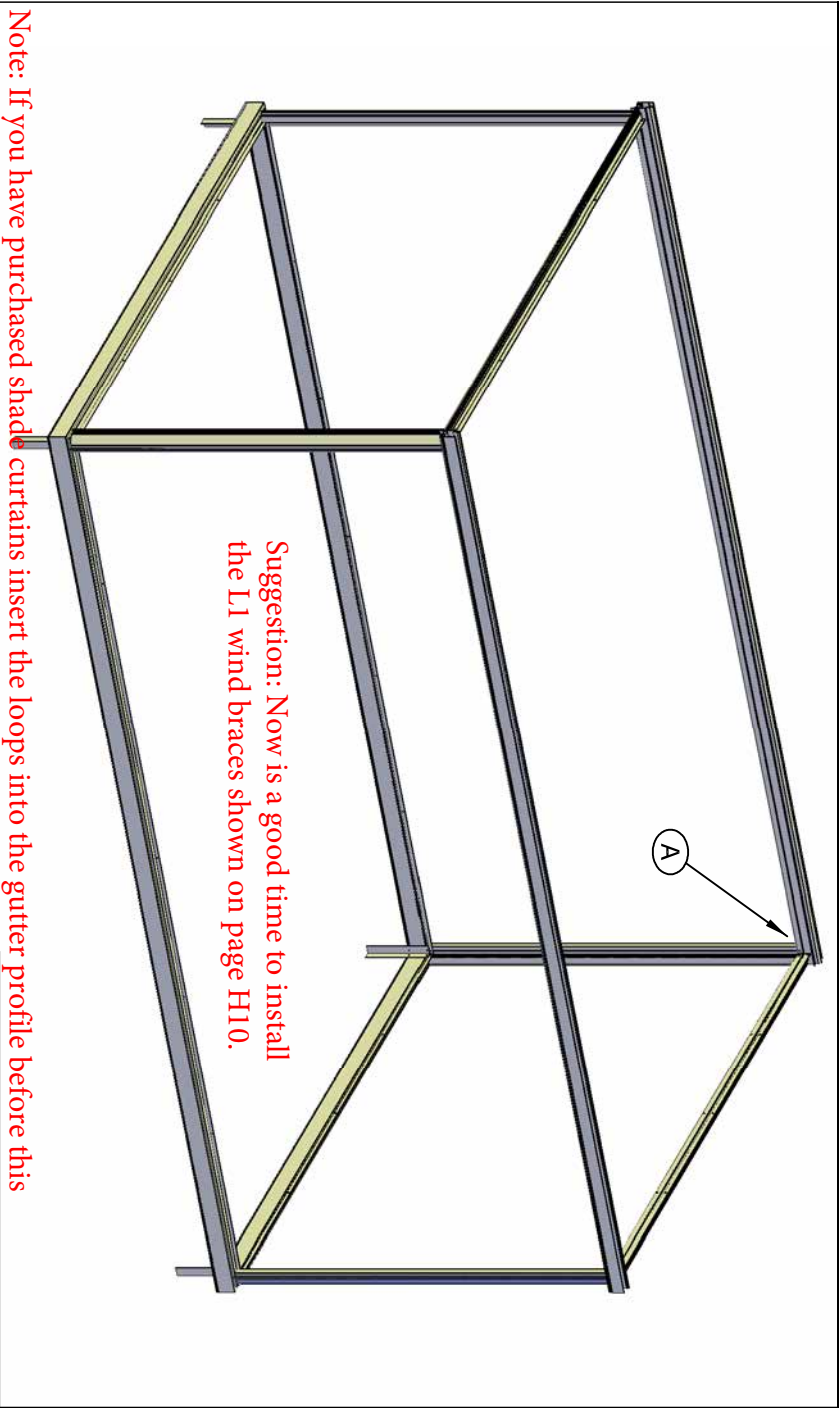
H2

Item	pc.	H23/H24	H33/H34/H36
 ET 1	2 pc.	2.244 mm	2.982 mm
 M6x15	4 pc.		

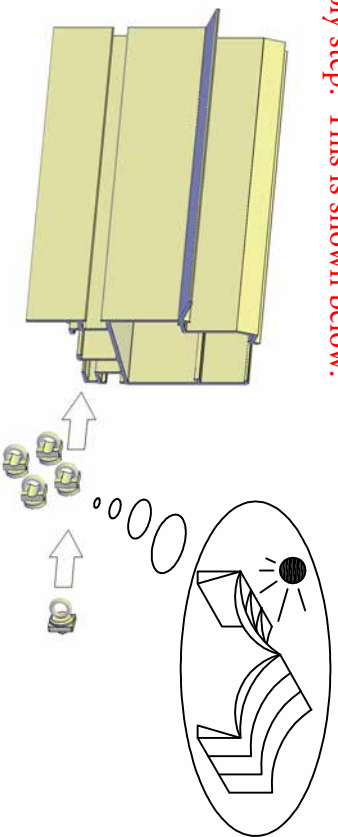


A



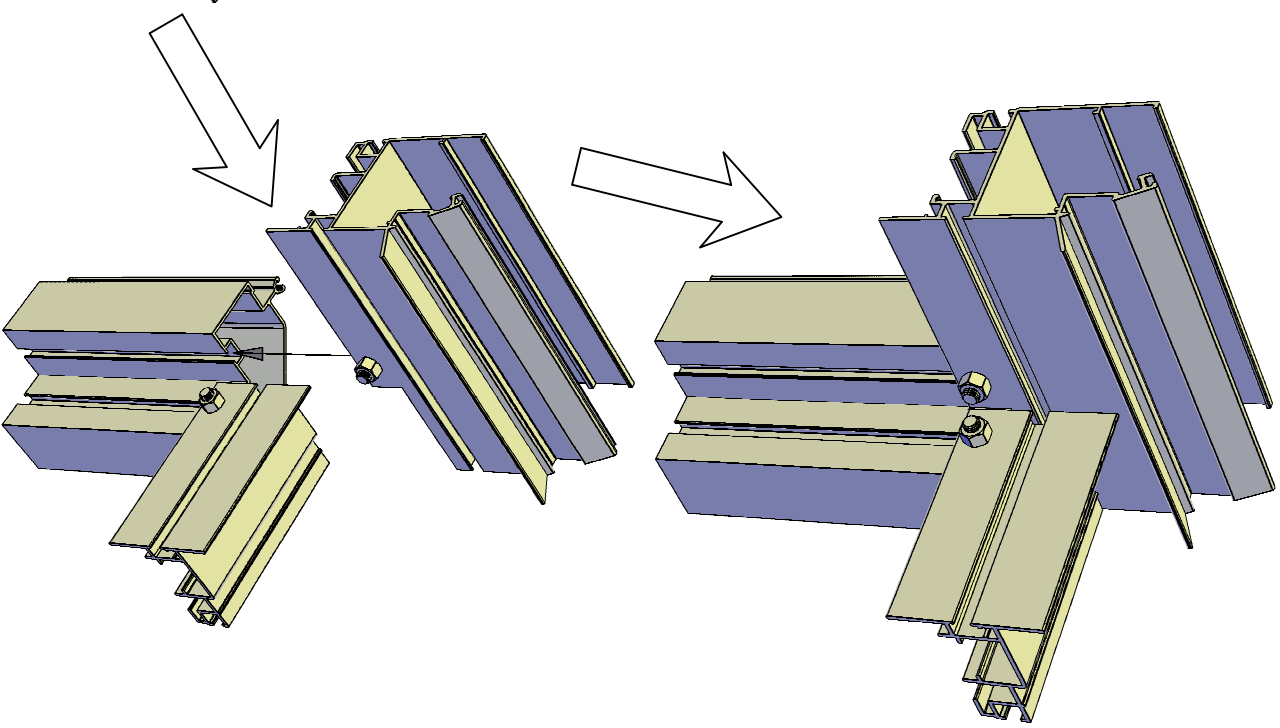
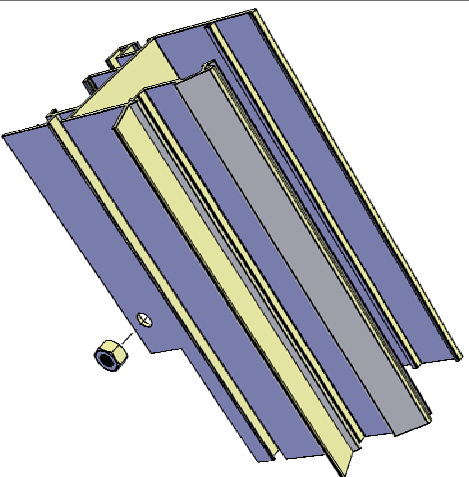


Note: If you have purchased shade curtains insert the loops into the gutter profile before this assembly step. This is shown below.



Item	Pc.	H23/H33	H24/H34	H36
PRO20227	2 pc.	3.098mm	4.574 mm	6.050mm
M6x15	4 pc.			

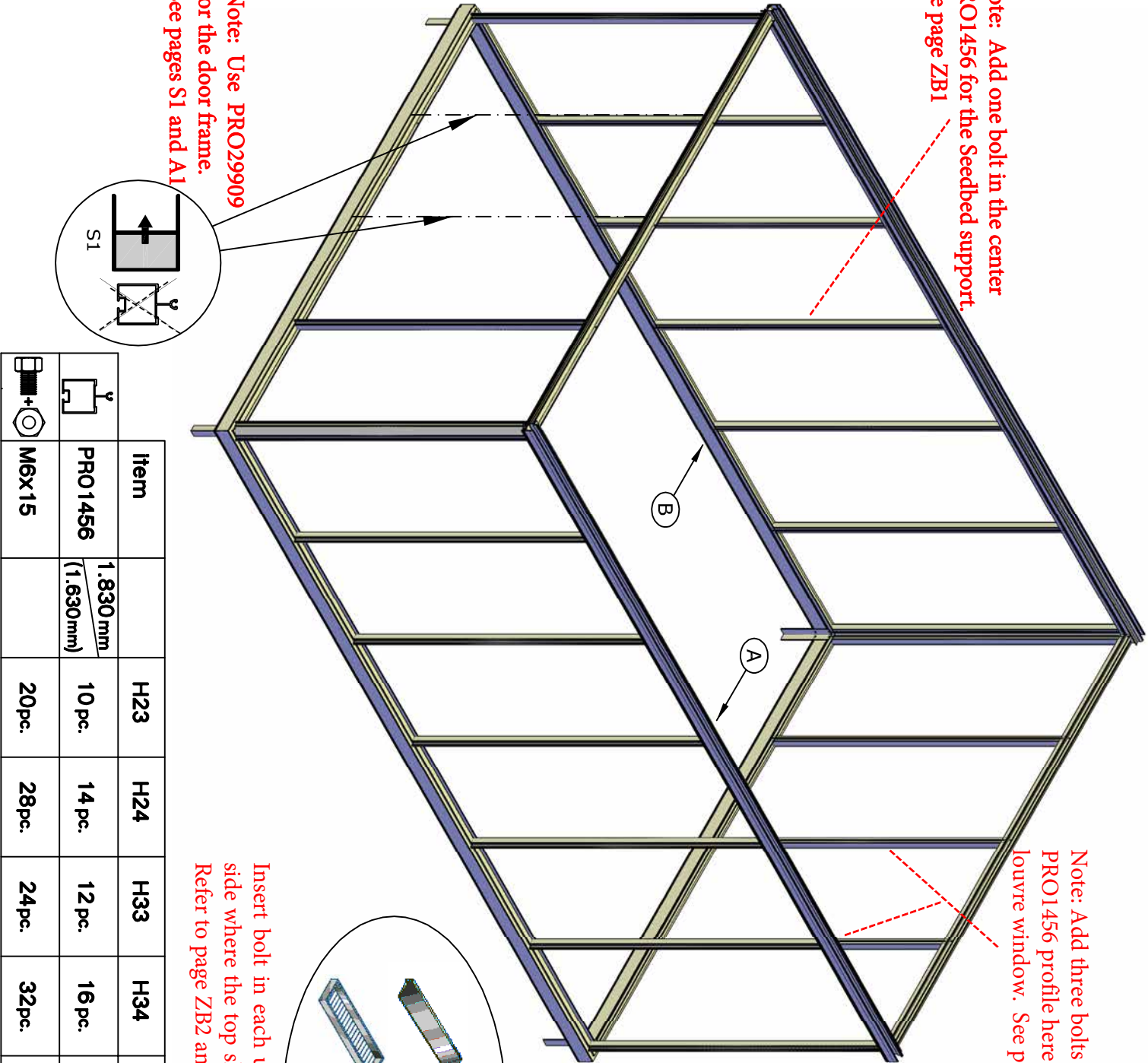
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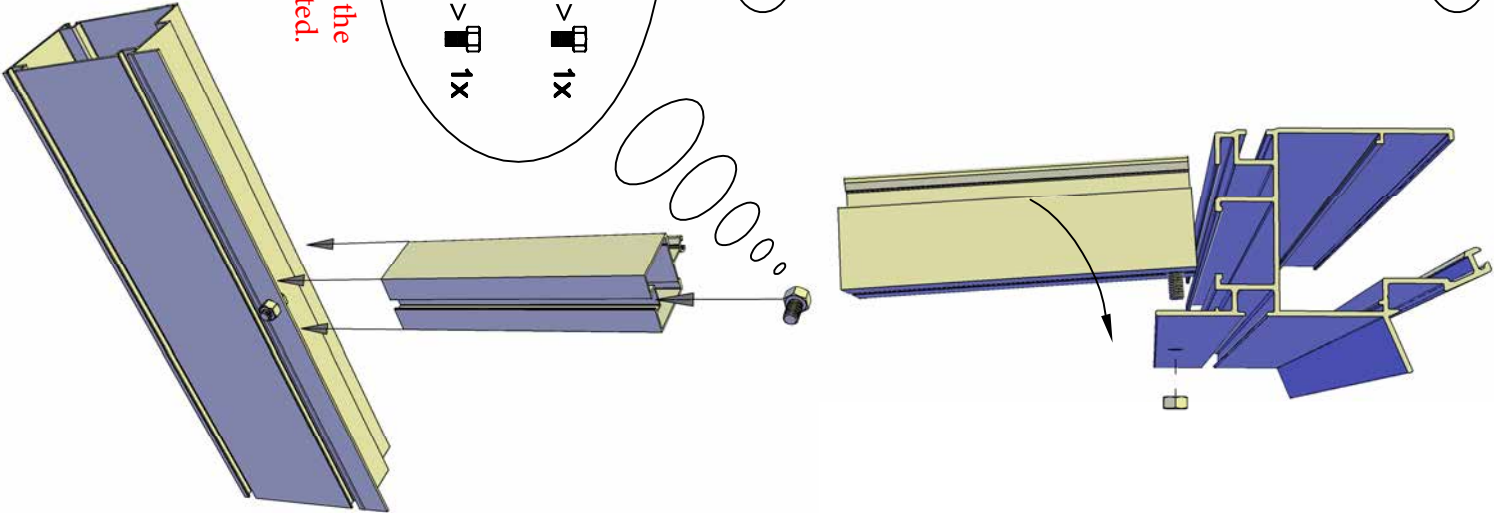
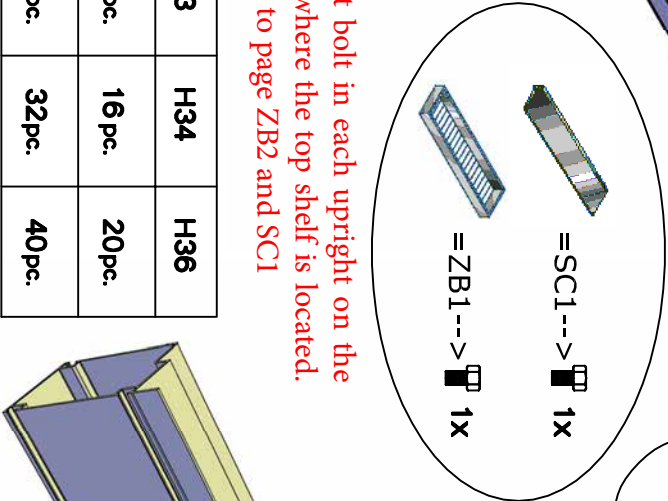
Note: Add one bolt in the center PRO1456 for the Seedbed support. See page ZB1

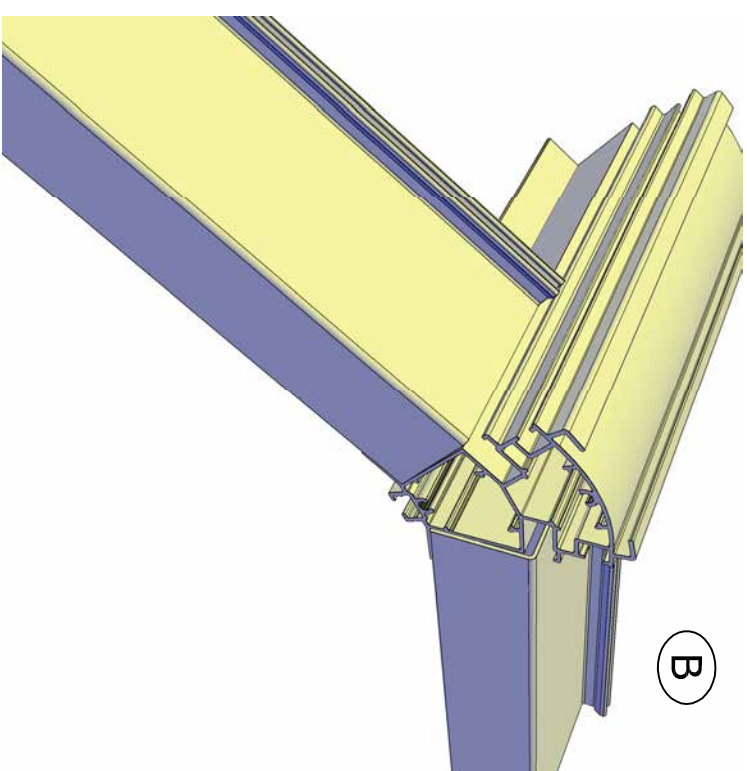
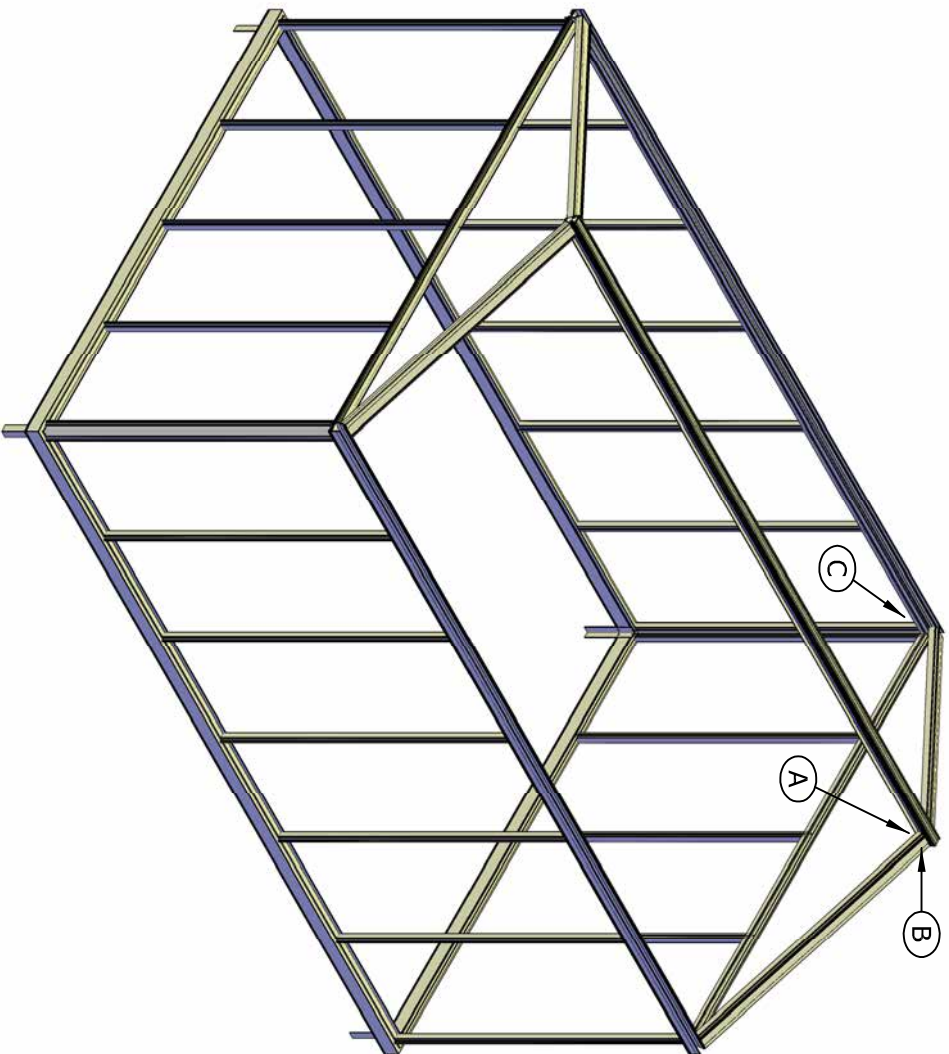
Note: Add three bolts to each PRO1456 profile here for the louvre window. See page LR1

Note: Use PRO29909 for the door frame. See pages S1 and A1

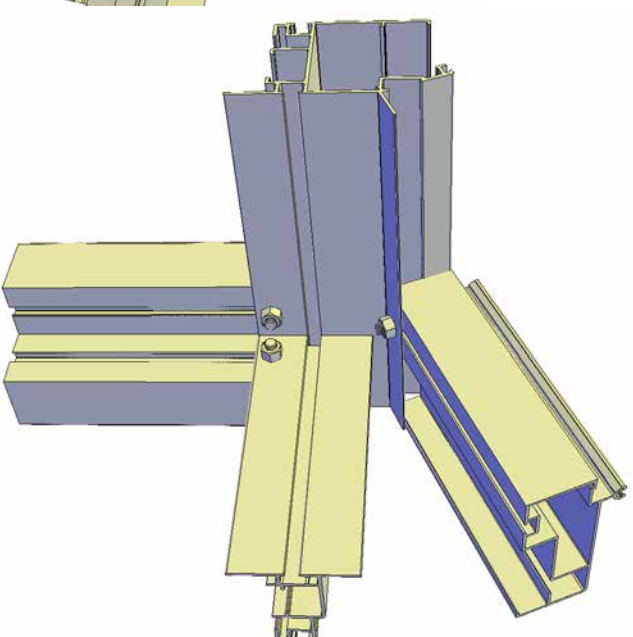


Item			H23	H24	H33	H34	H36
PRO1456	1.830 mm (1.630 mm)	10 pc.	14 pc.	12 pc.	16 pc.	20 pc.	
M6x15		20 pc.	28 pc.	24 pc.	32 pc.	40 pc.	

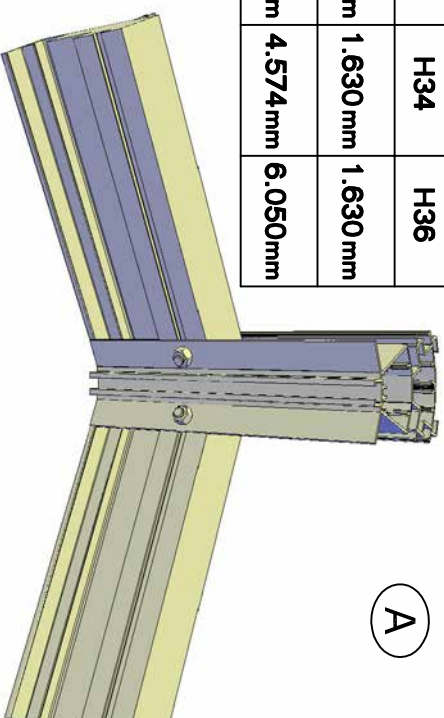




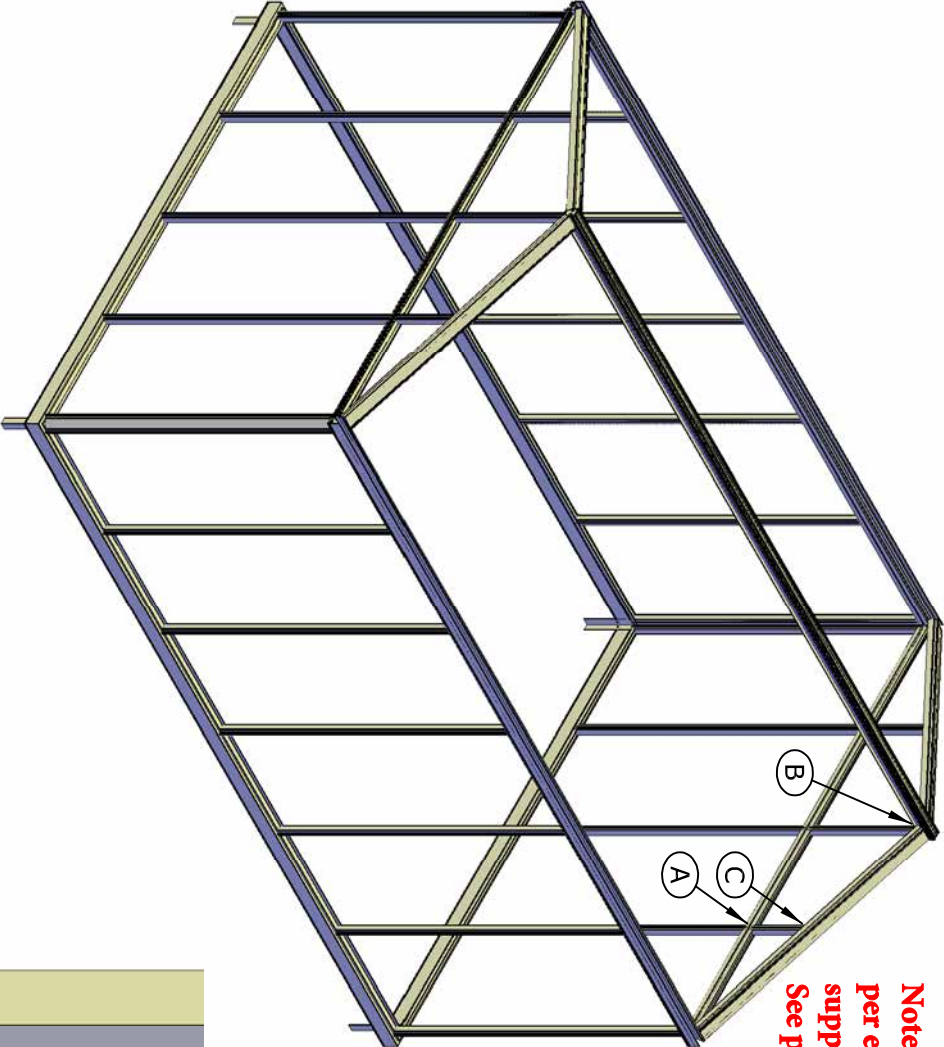
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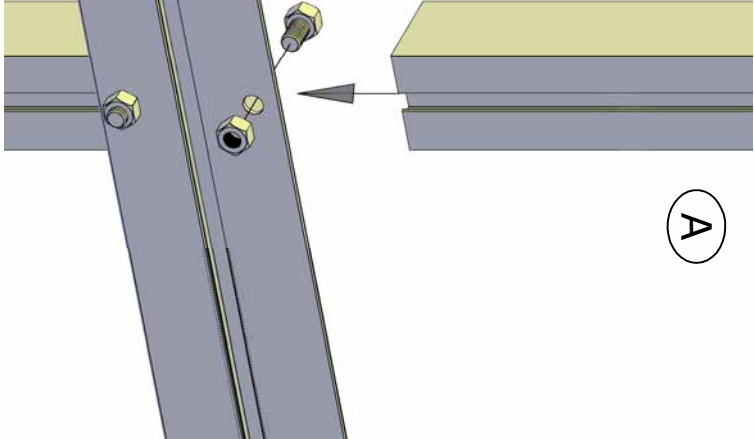
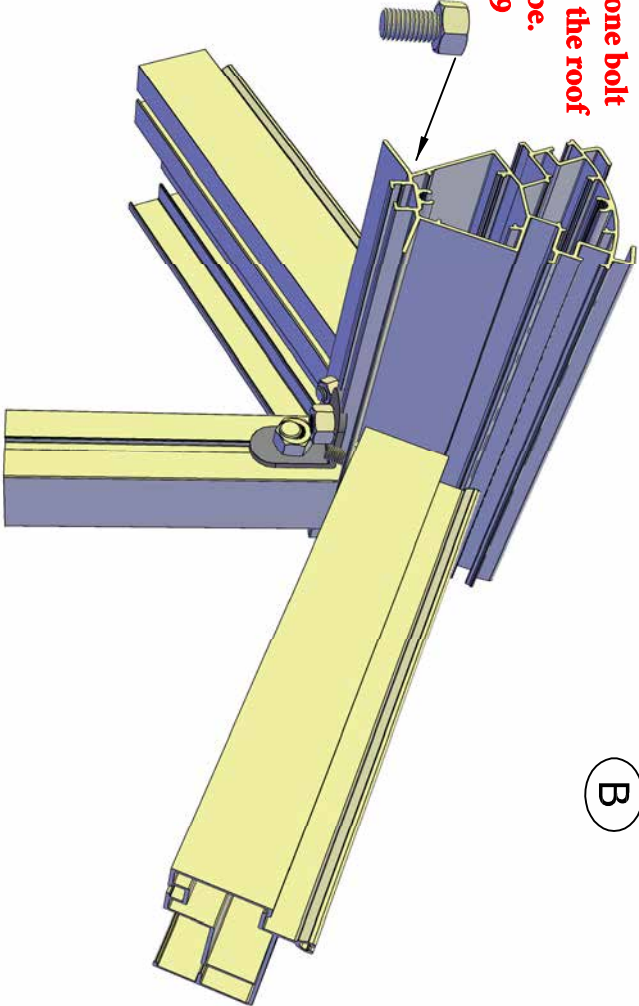
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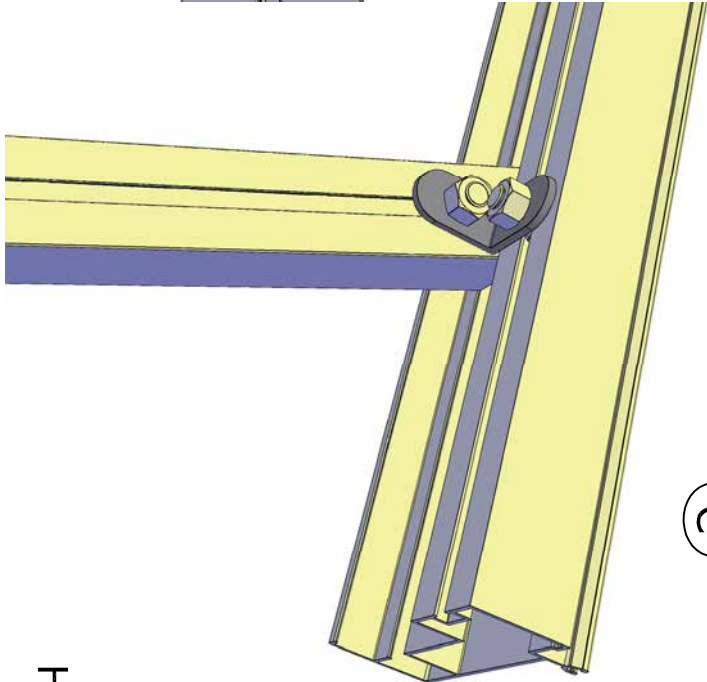
Item	pc.	H23	H24	H33	H34	H36
PR06918	4 pc.	1.230 mm	1.230 mm	1.630 mm	1.630 mm	1.630 mm
PR06760	1 pc.	3.098 mm	4.574 mm	3.098 mm	4.574 mm	6.050 mm
M6x15	8 pc.					

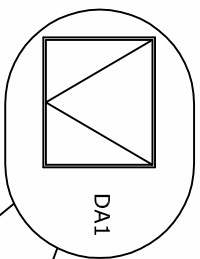


Note: Add one bolt per end for the roof support tube. See page H9

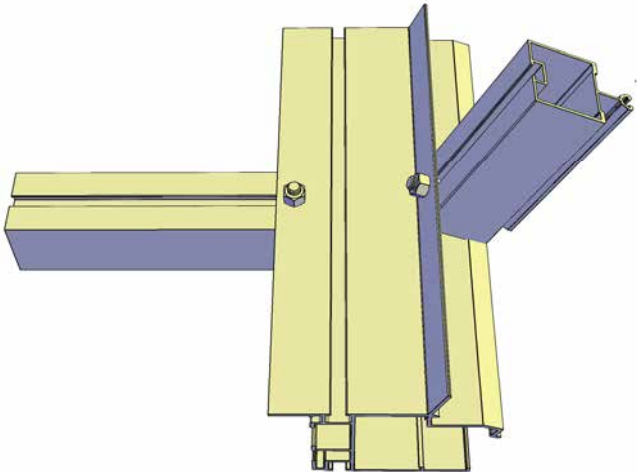


Item	pc.	2360	3098	3836
PRO1456	2	543	698	736
PRO1456	2L-2R		396	634
PRO1456	2L-2R			345
M6x15		8 pc	20 pc	32 pc
LG		2 pc	6 pc	10 pc

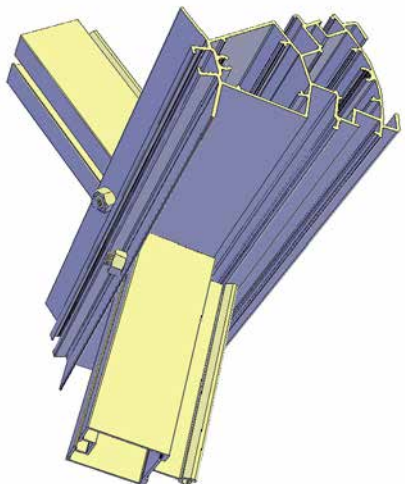




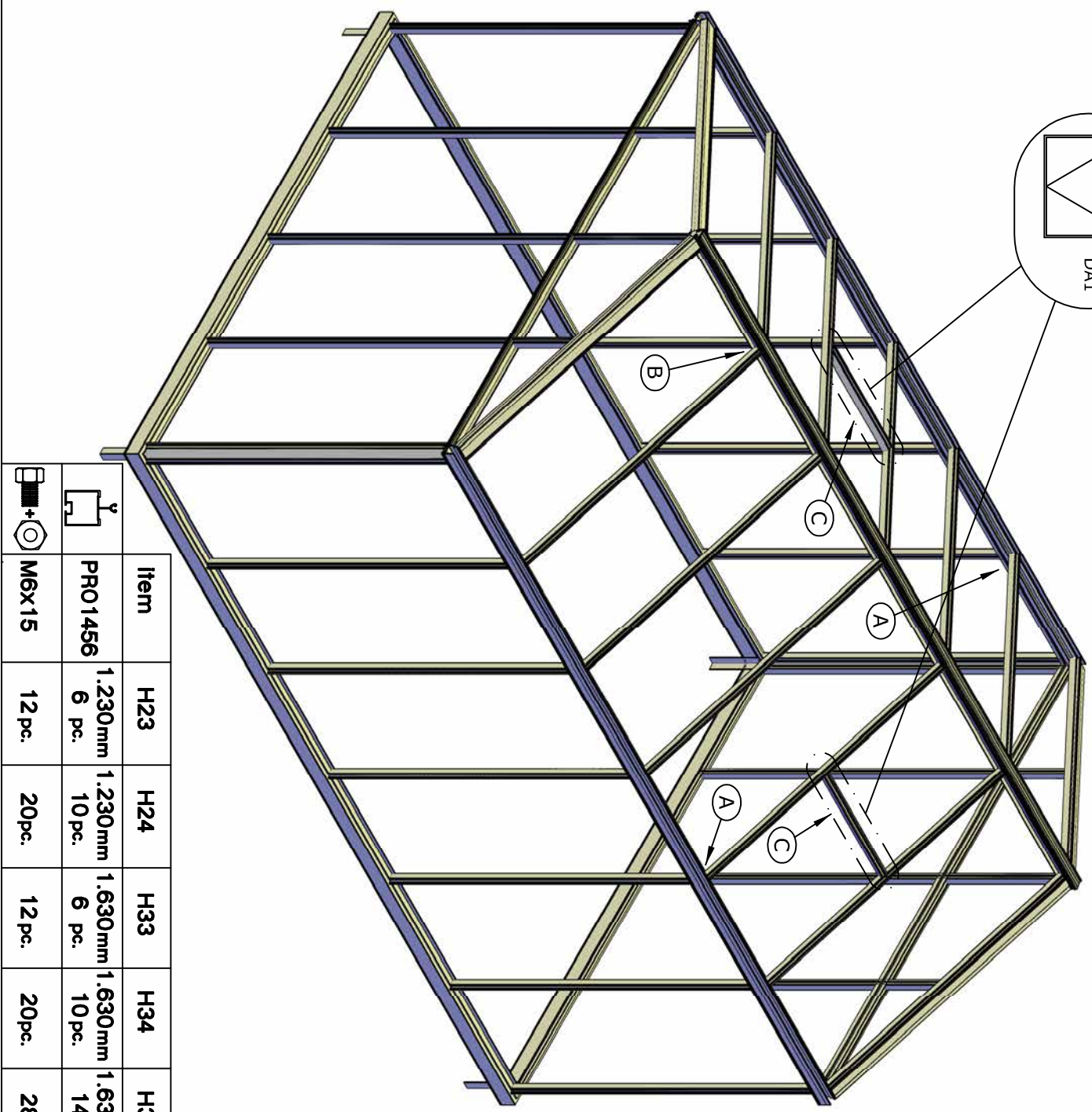
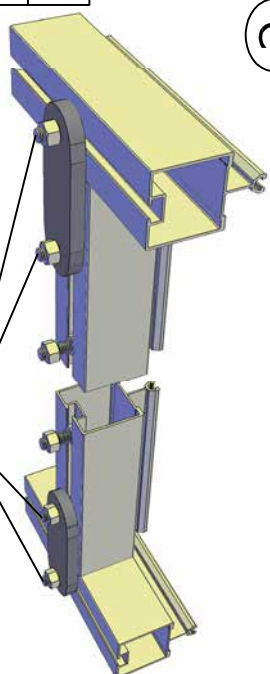
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



B



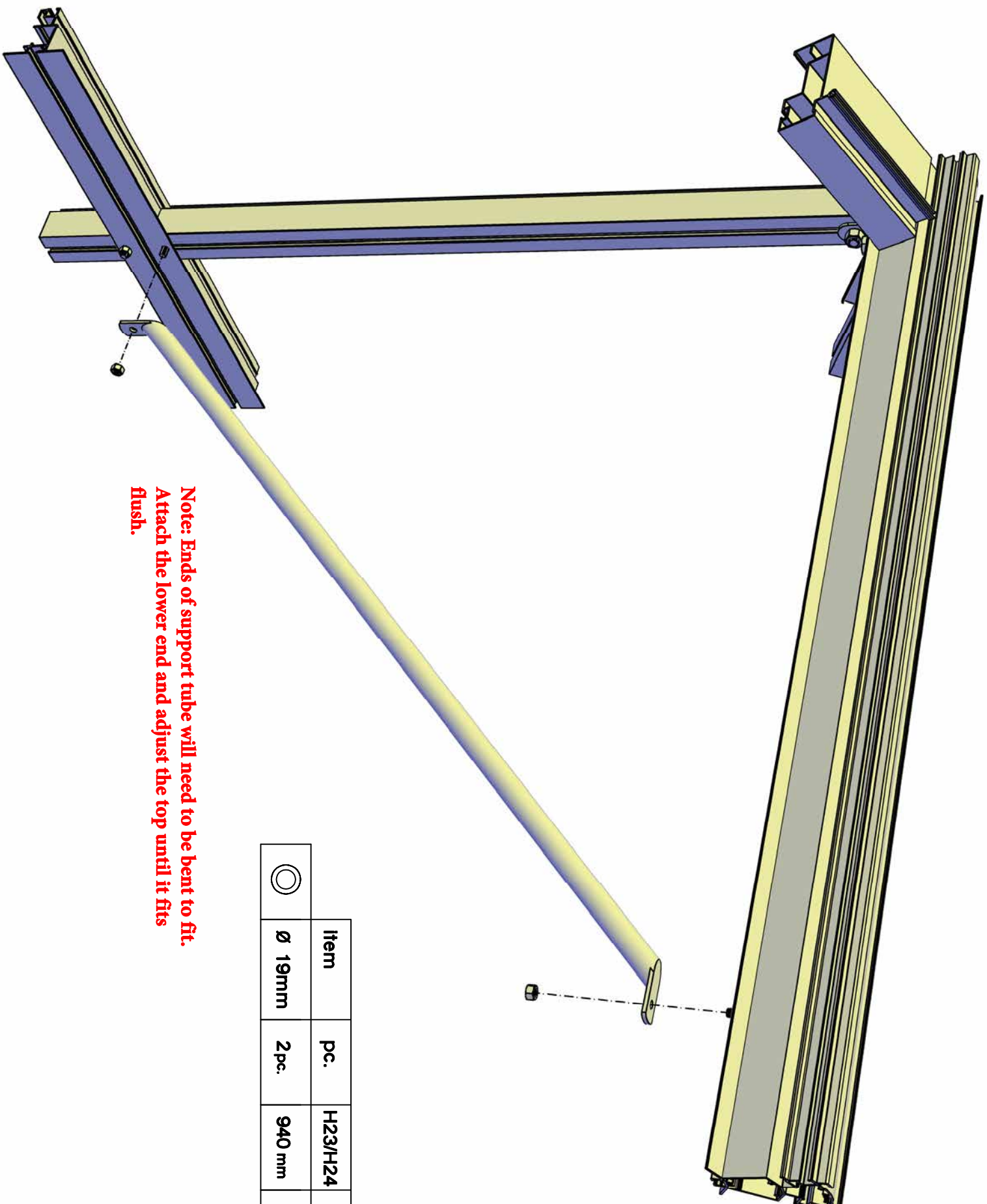
C




Item	H23	H24	H33	H34	H36
 PRO1456	1.230mm 6 pc.	1.230mm 10 pc.	1.630mm 6 pc.	1.630mm 10 pc.	1.630mm 14 pc.
 M6X15	12 pc.	20 pc.	12 pc.	20 pc.	28 pc.



4X

H8

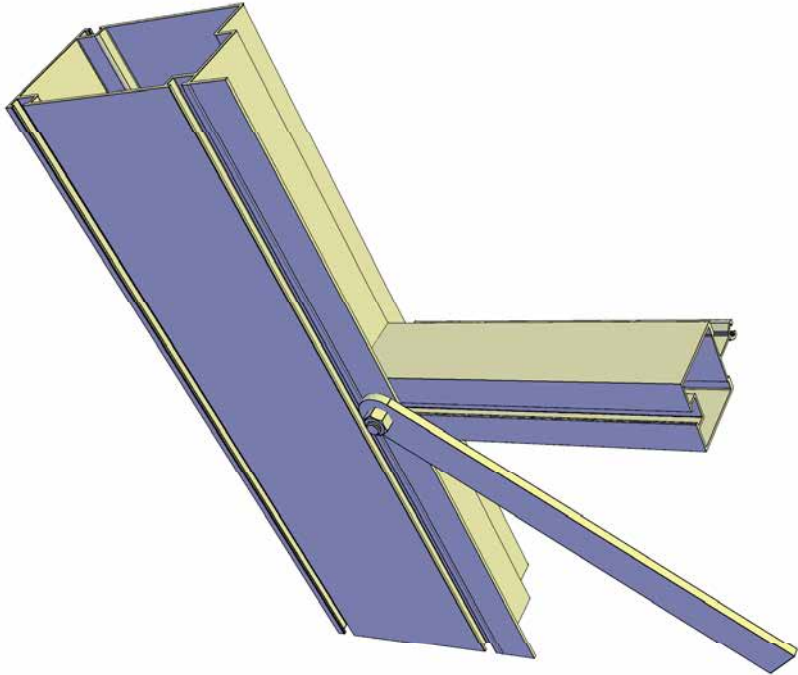
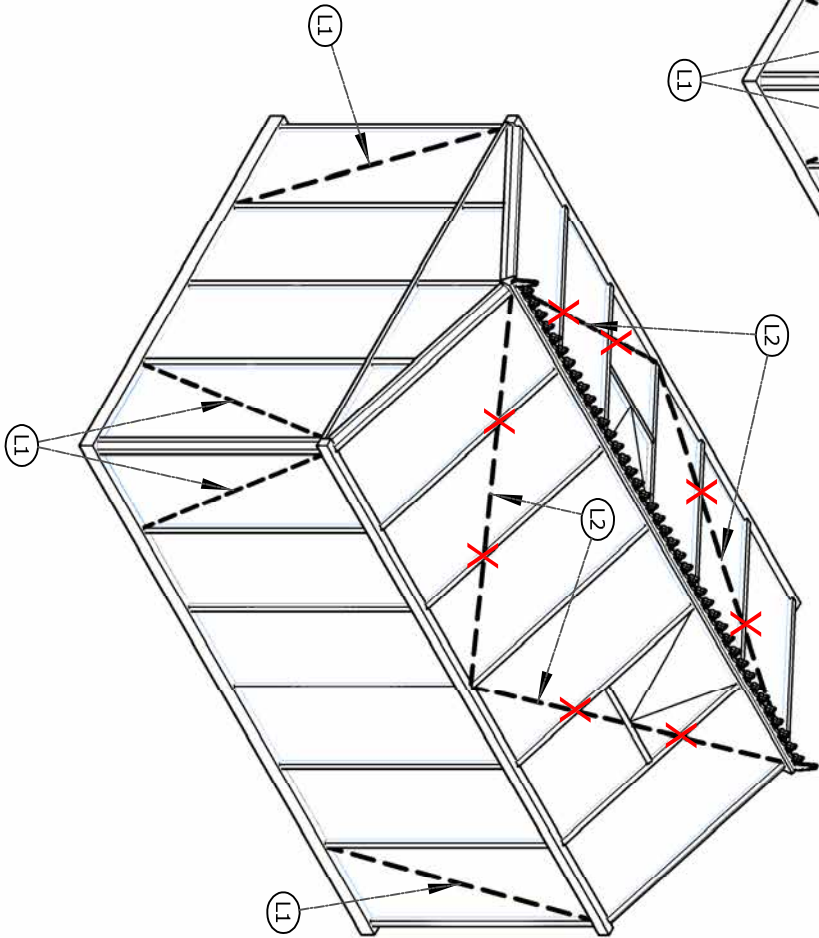
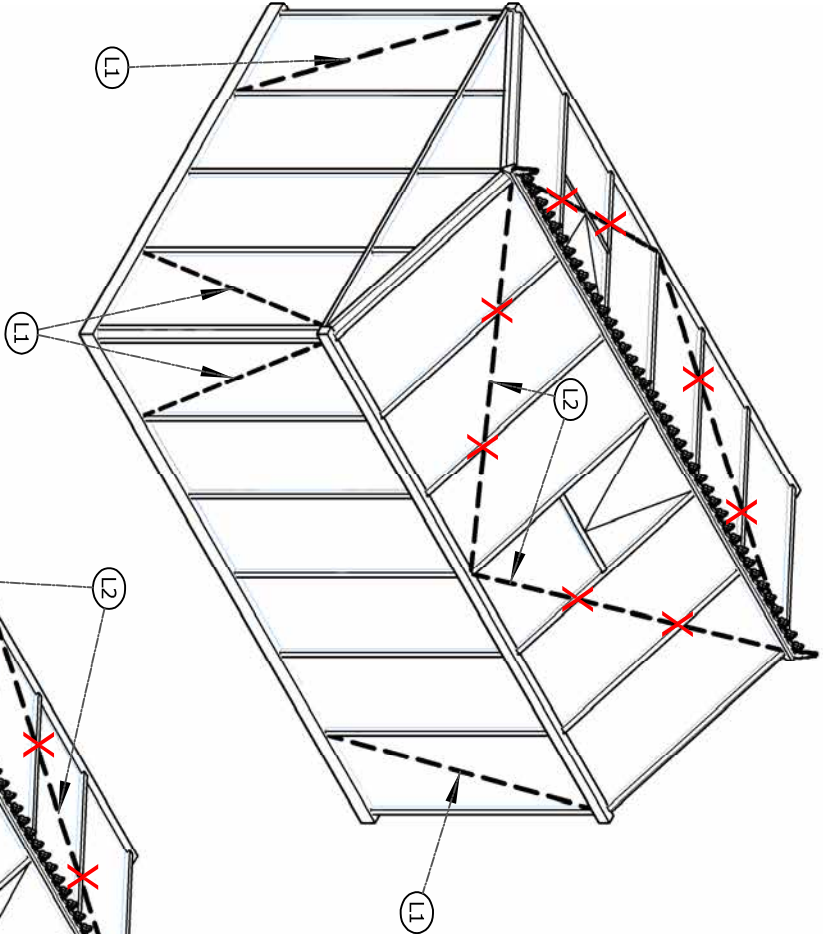


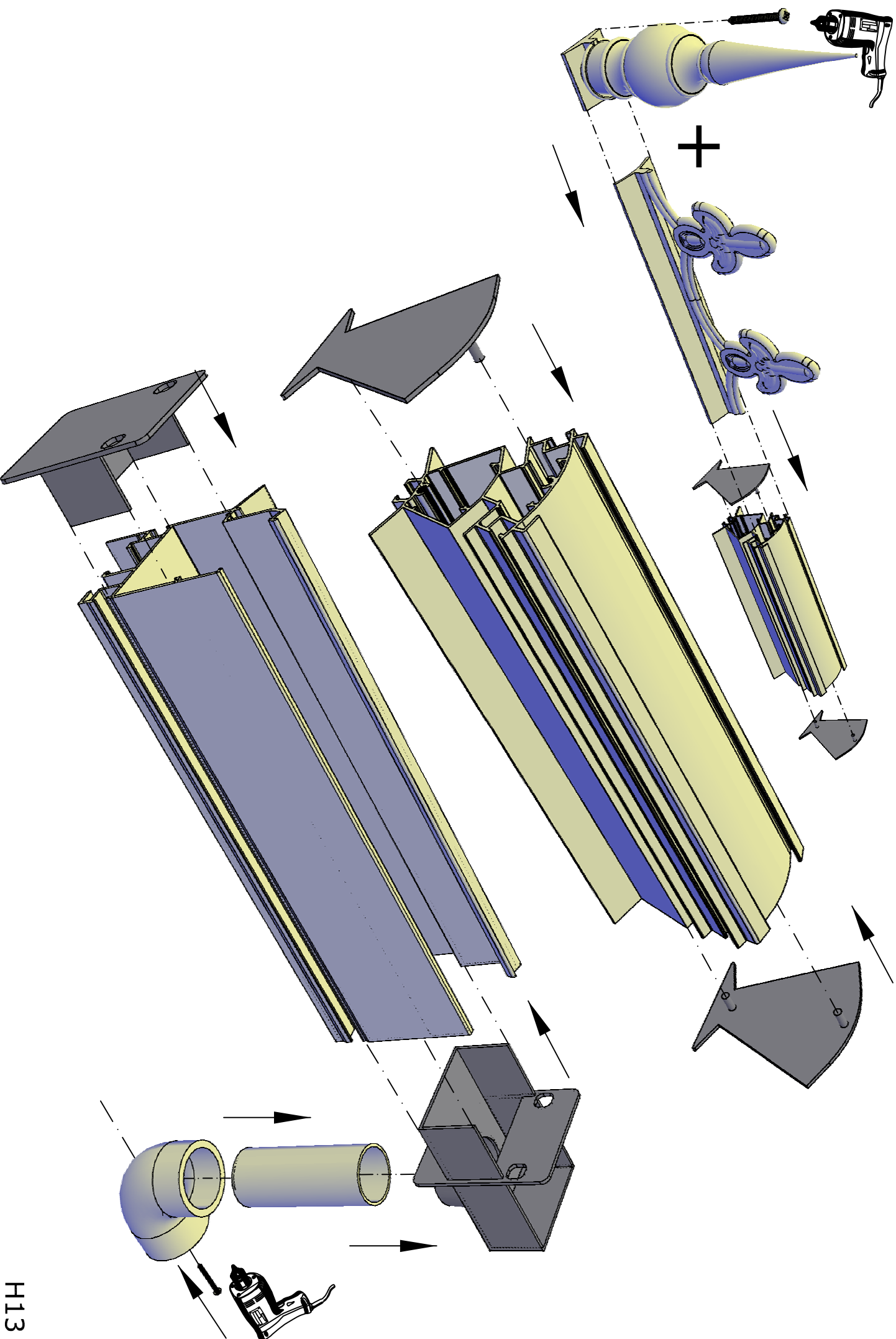
**Note: Ends of support tube will need to be bent to fit.
Attach the lower end and adjust the top until it fits
flush.**

Item	pc.	H23/H24	H33/H34/H36
	2 pc.	940 mm	1030 mm







Item	pc.	H23/H24	H33/H34/H36
L1 	8pc.	1.975 mm (1.795 mm)	1.975 mm (1.795 mm)
L2 	4pc.	2.543 mm	2.757 mm

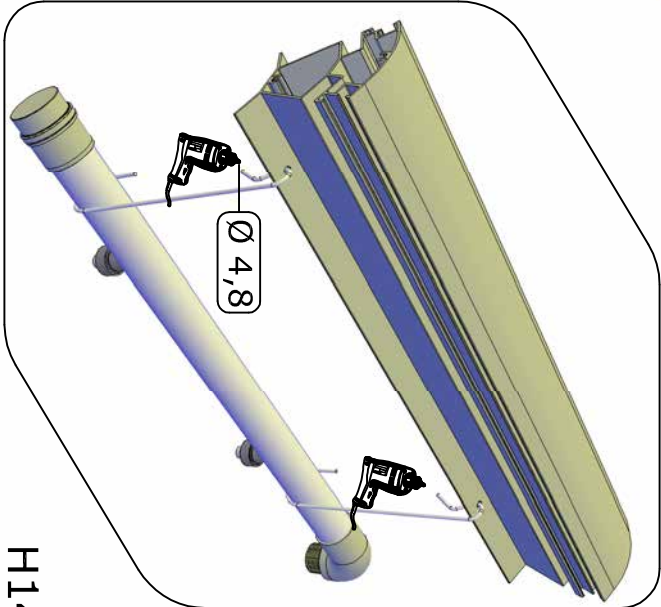
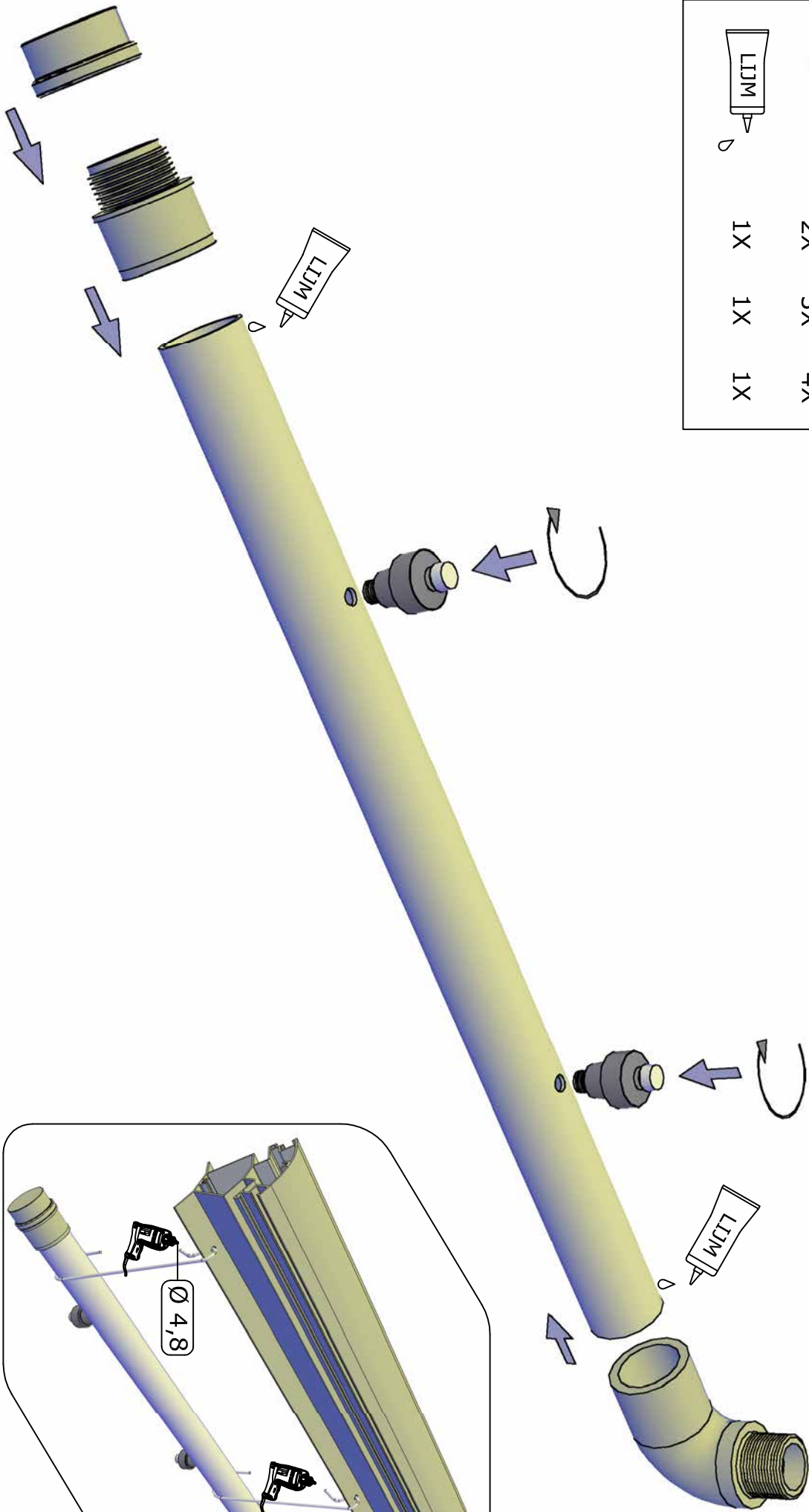
X = Drill a hole and attach wind brace to roof profile with short screw or bolt 



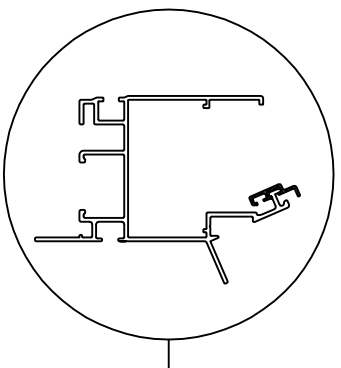


TYPE **310 458 610**

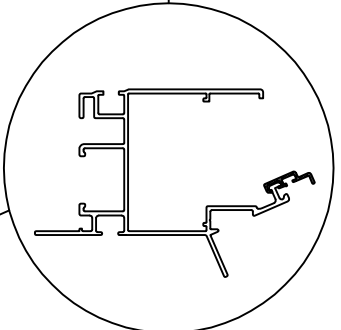
	3X	4X	5X
	1X	1X	1X
	1X	1X	1X
	2300	3300	4300
	2X	3X	4X
	1X	1X	1X



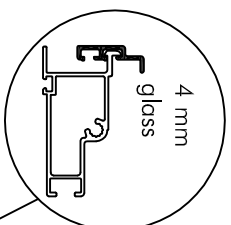
H14



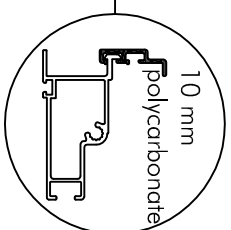
4 mm
GLASS



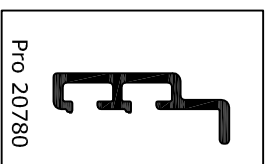
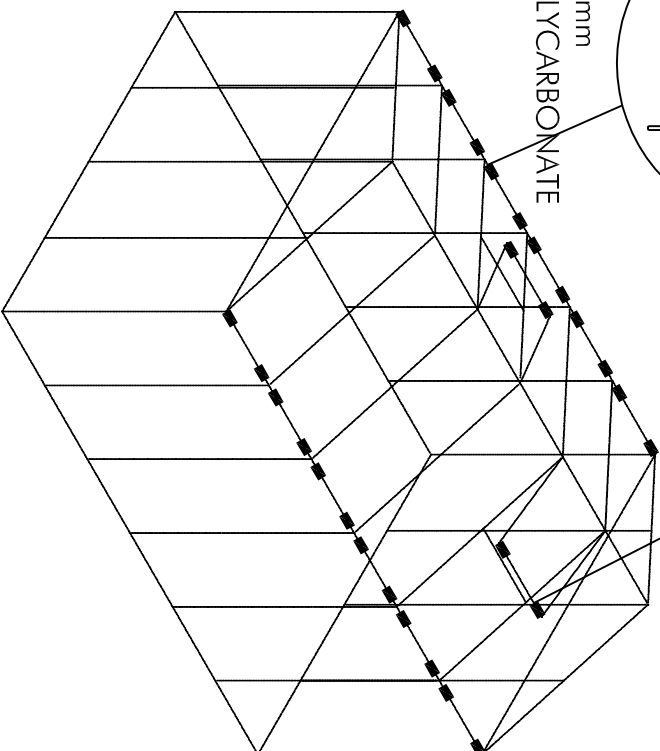
10 mm
POLYCARBONATE



4 mm
glass



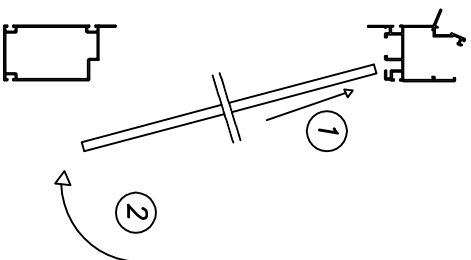
10 mm
polycarbonate



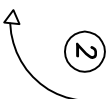
Pro 20780



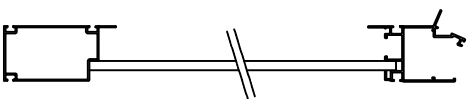
— =



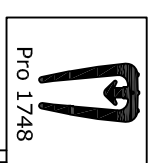
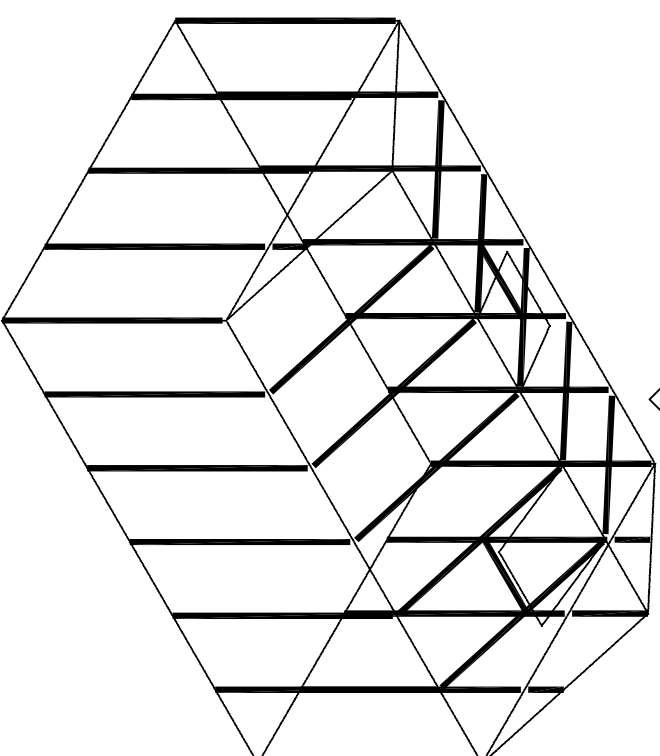
①



②



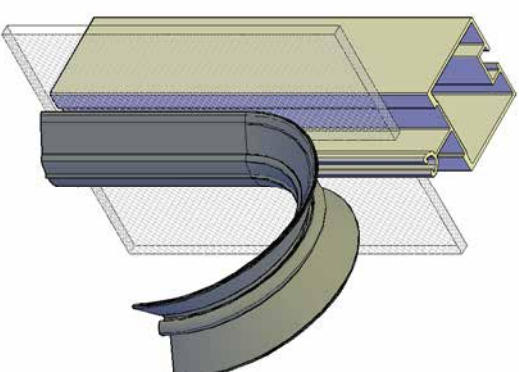
③



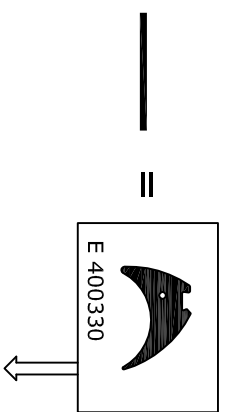
Pro 1748



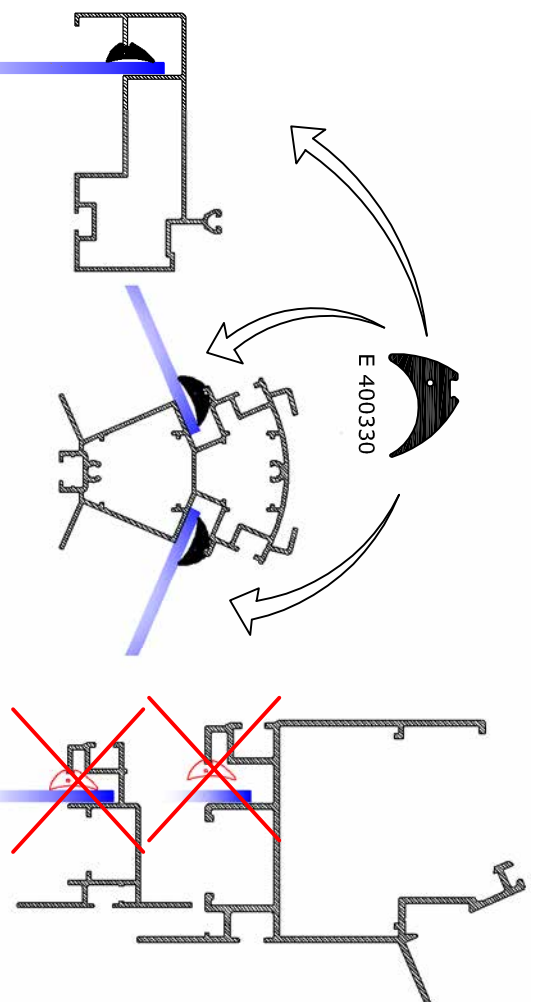
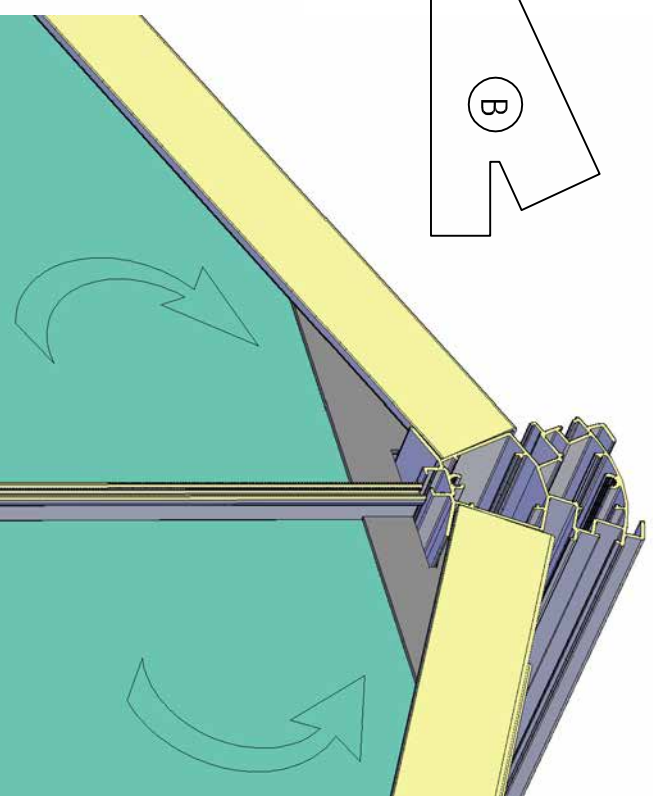
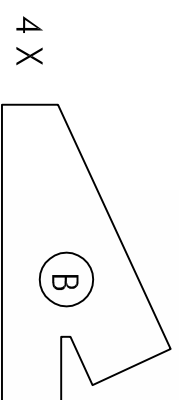
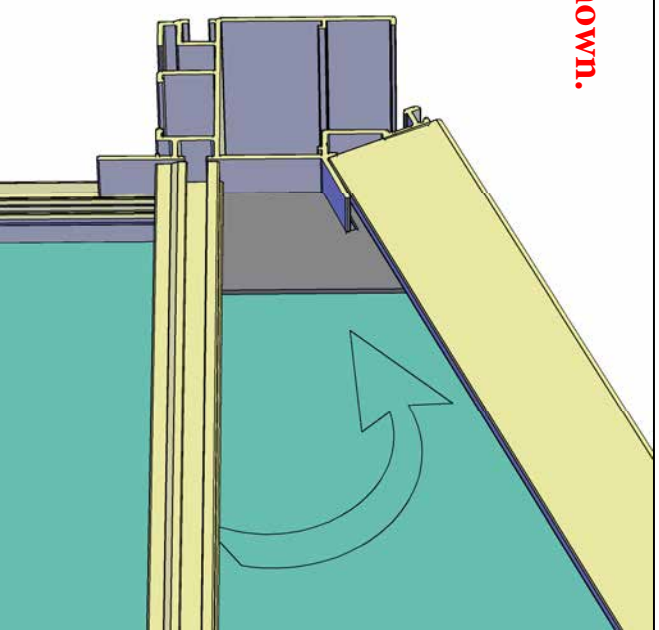
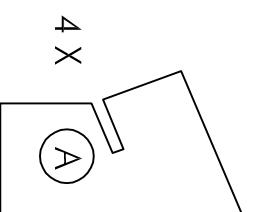
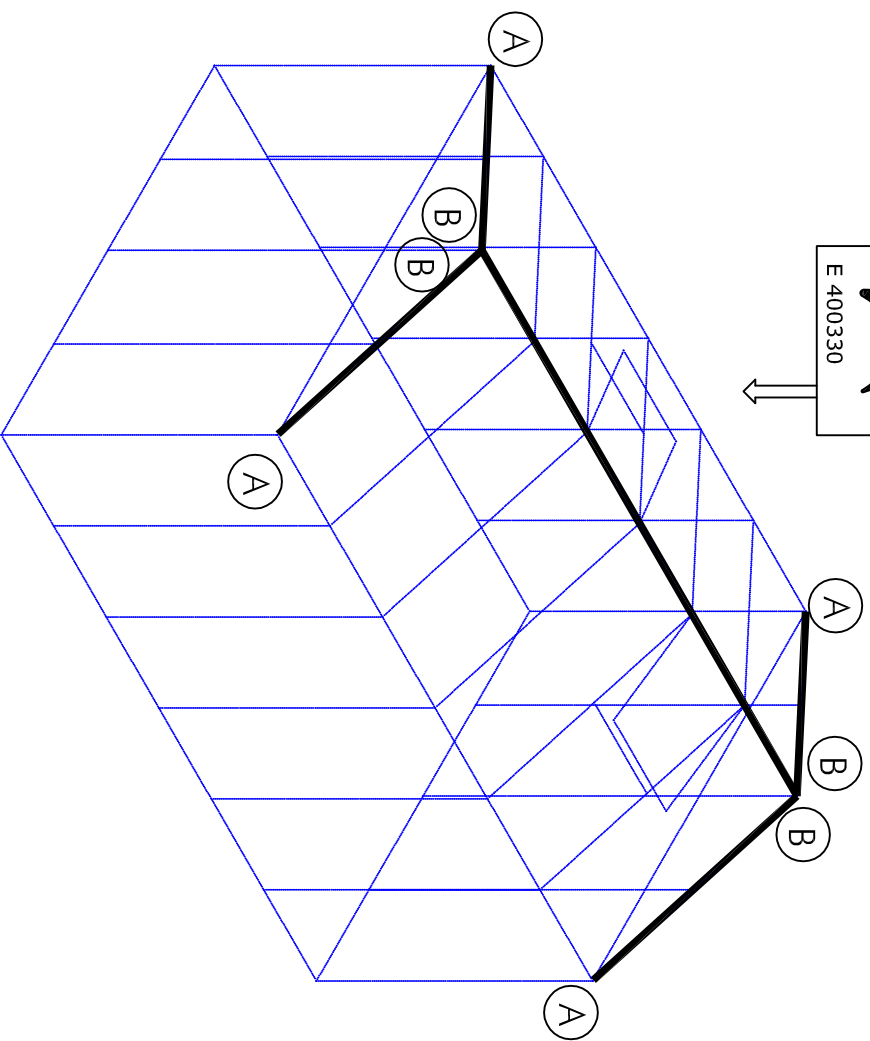
— =



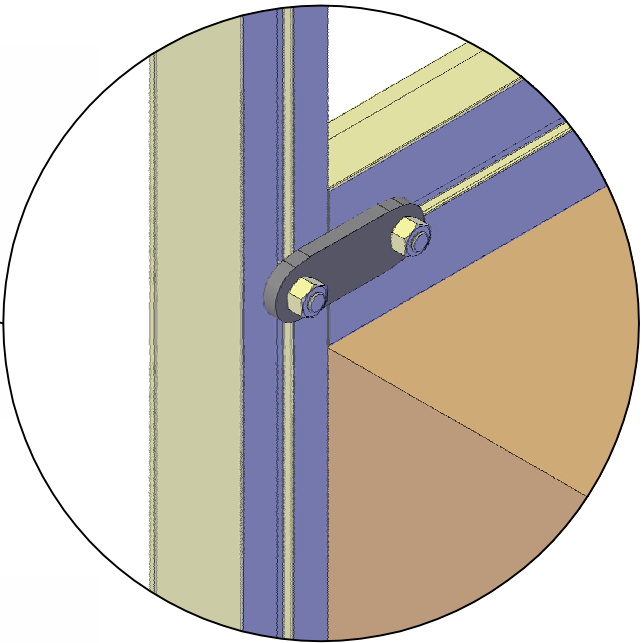
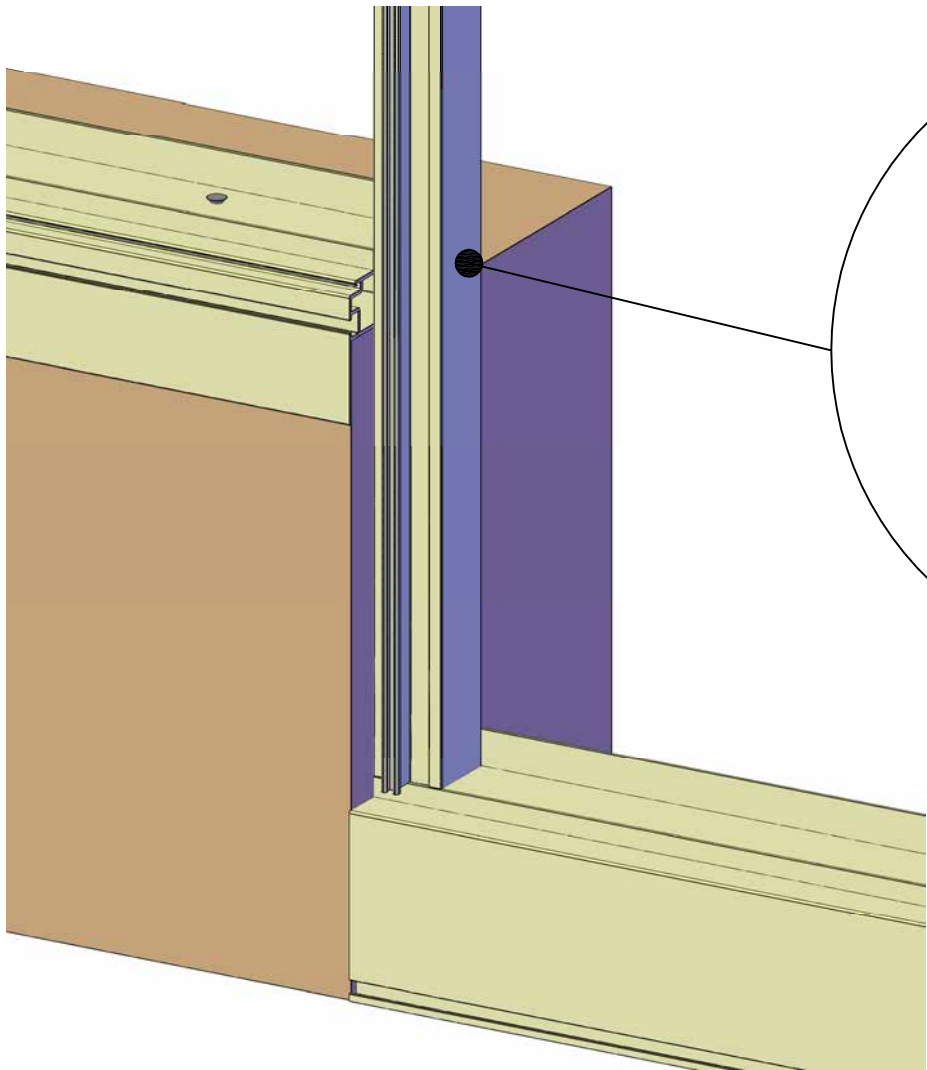
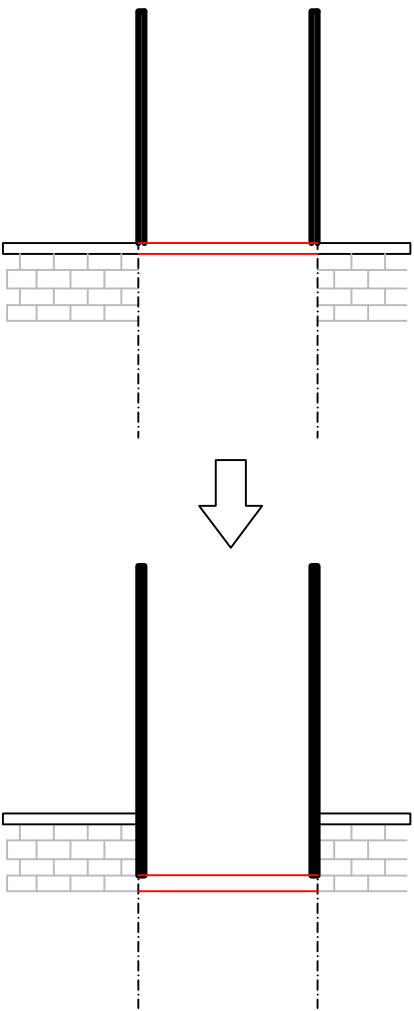
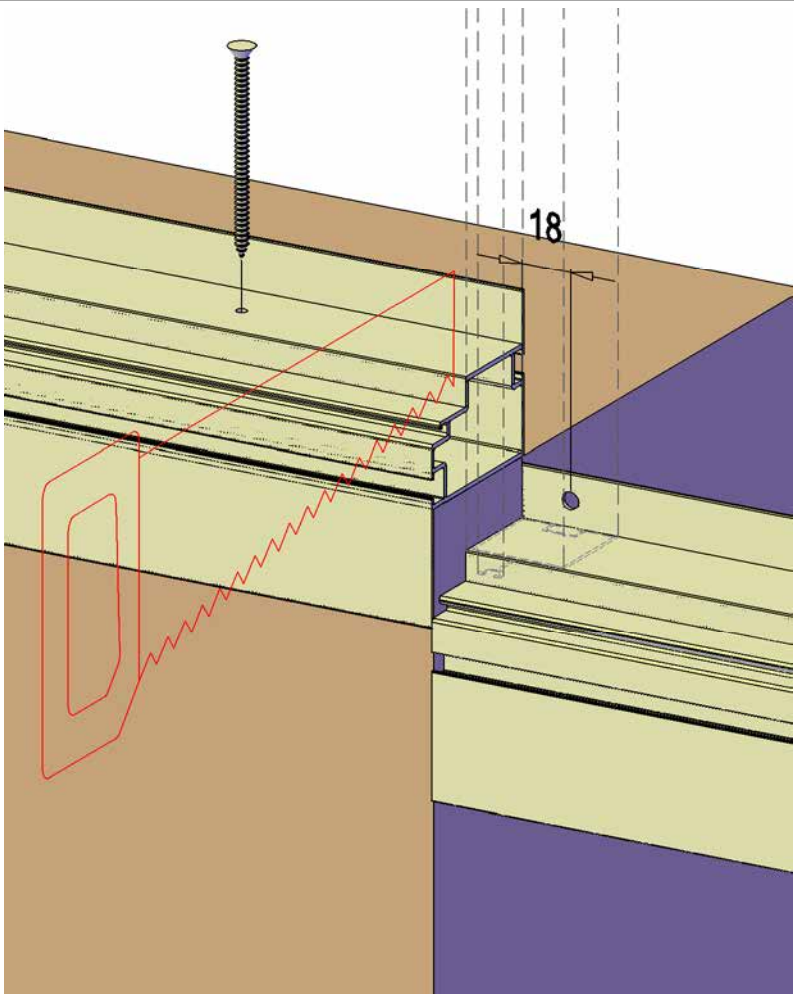
H15A



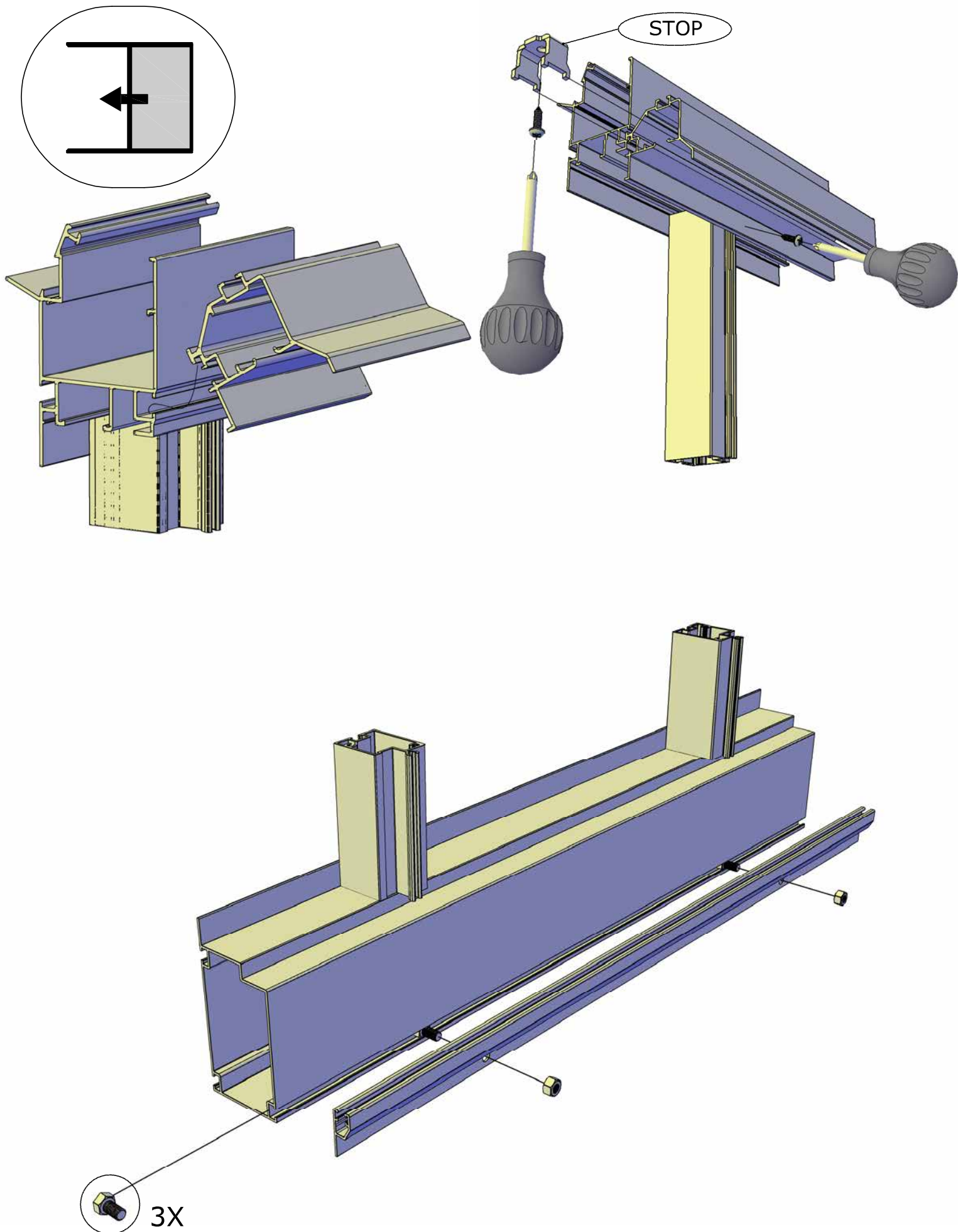
Note: Crescent seal is only installed in the roof as shown.

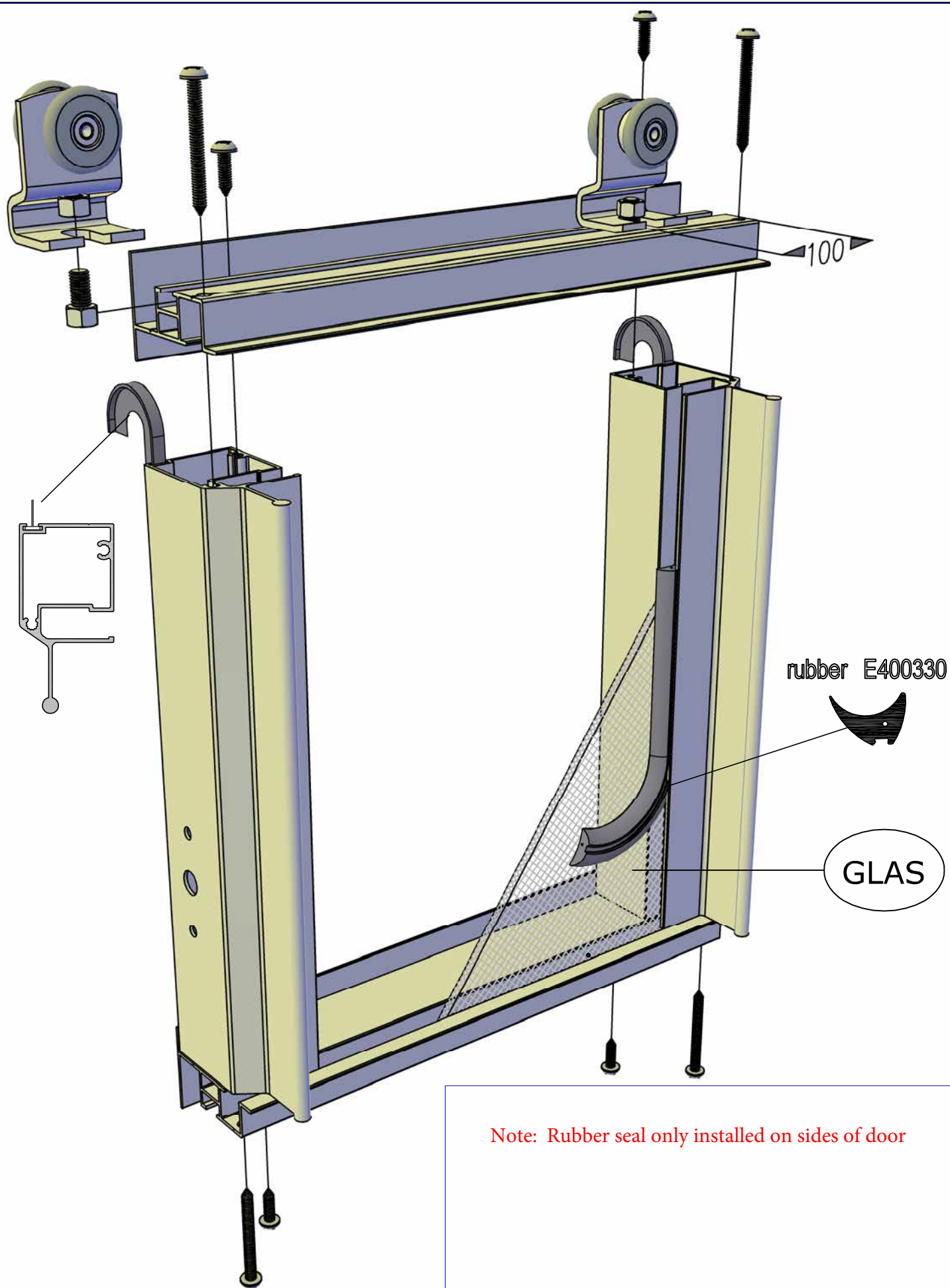


HELIOS SPECIAL

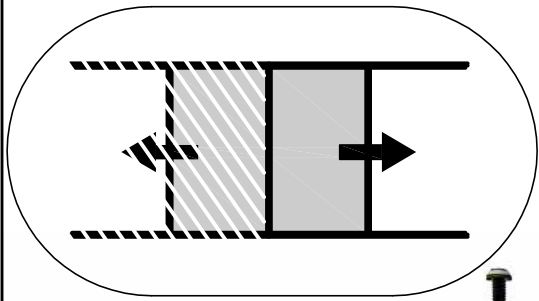


Sliding Door Hanger

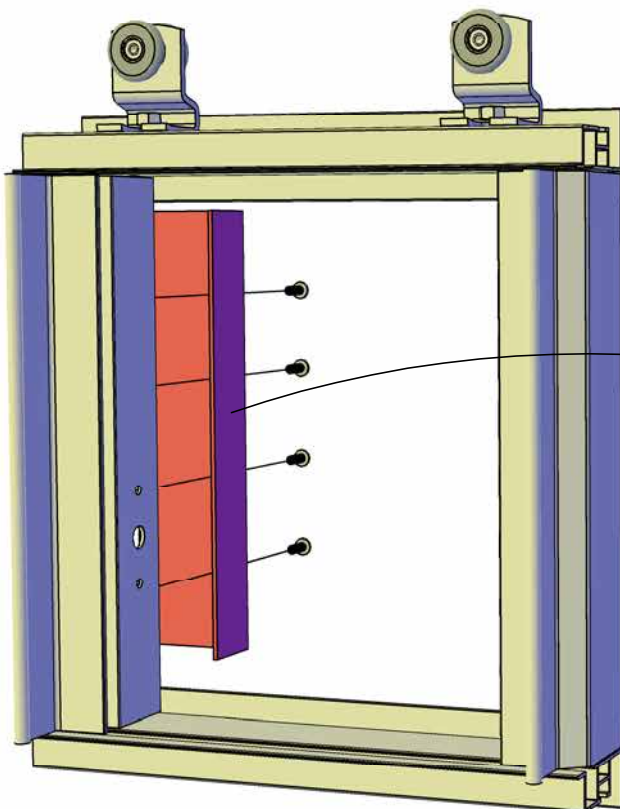
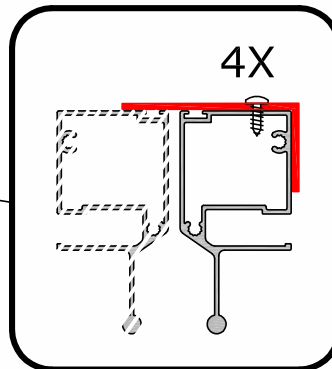
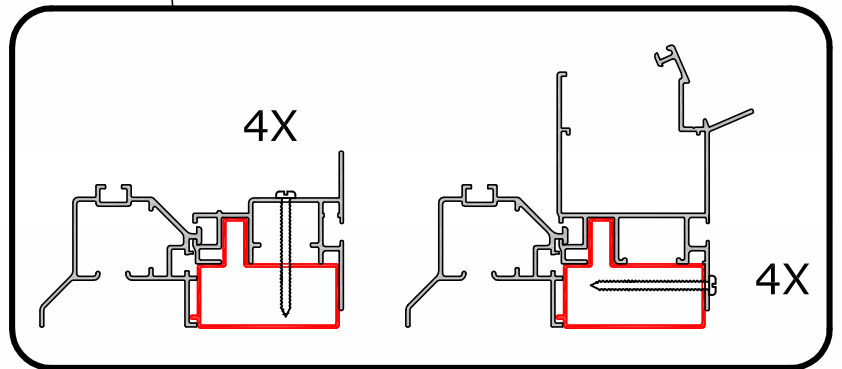
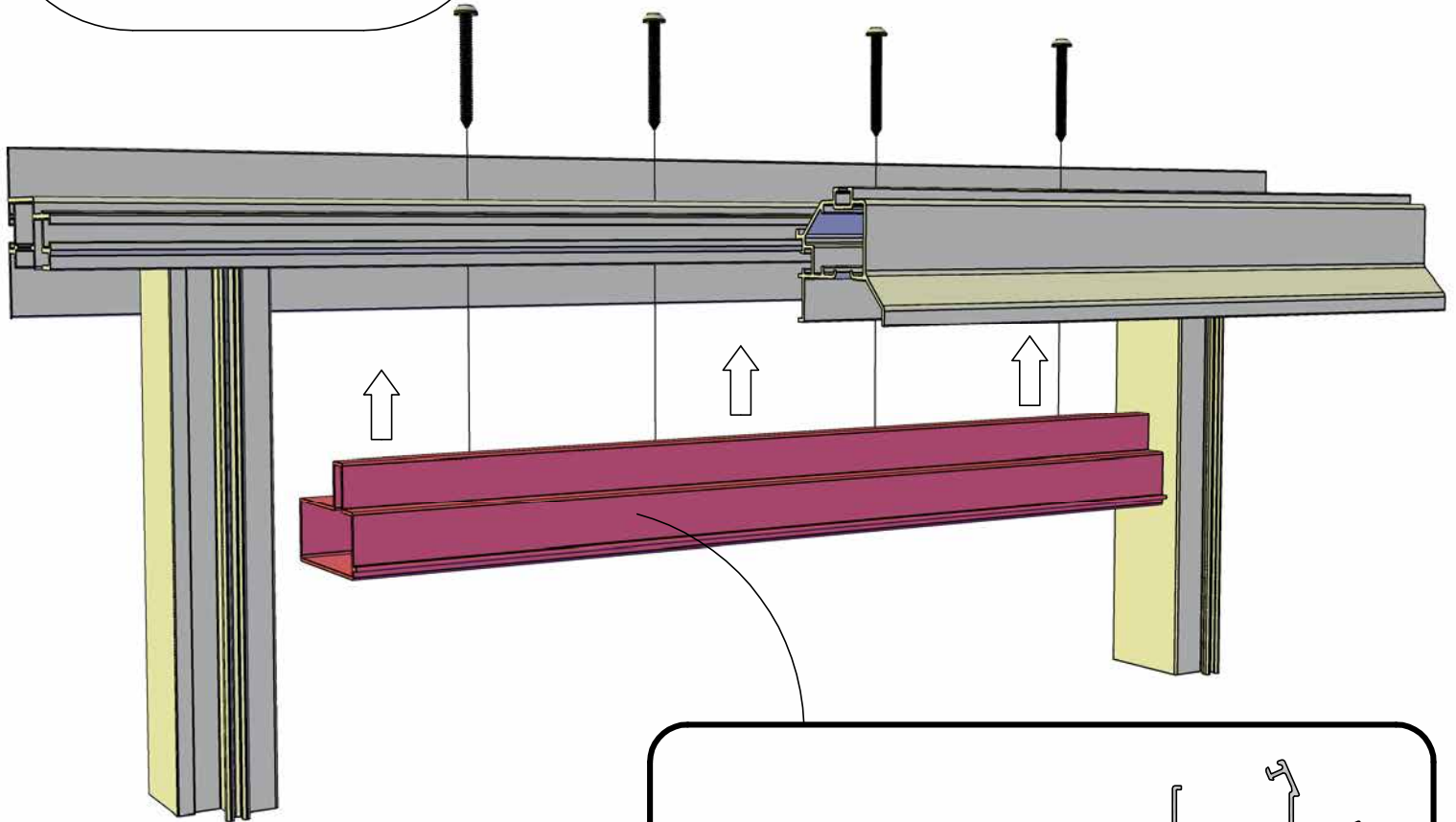




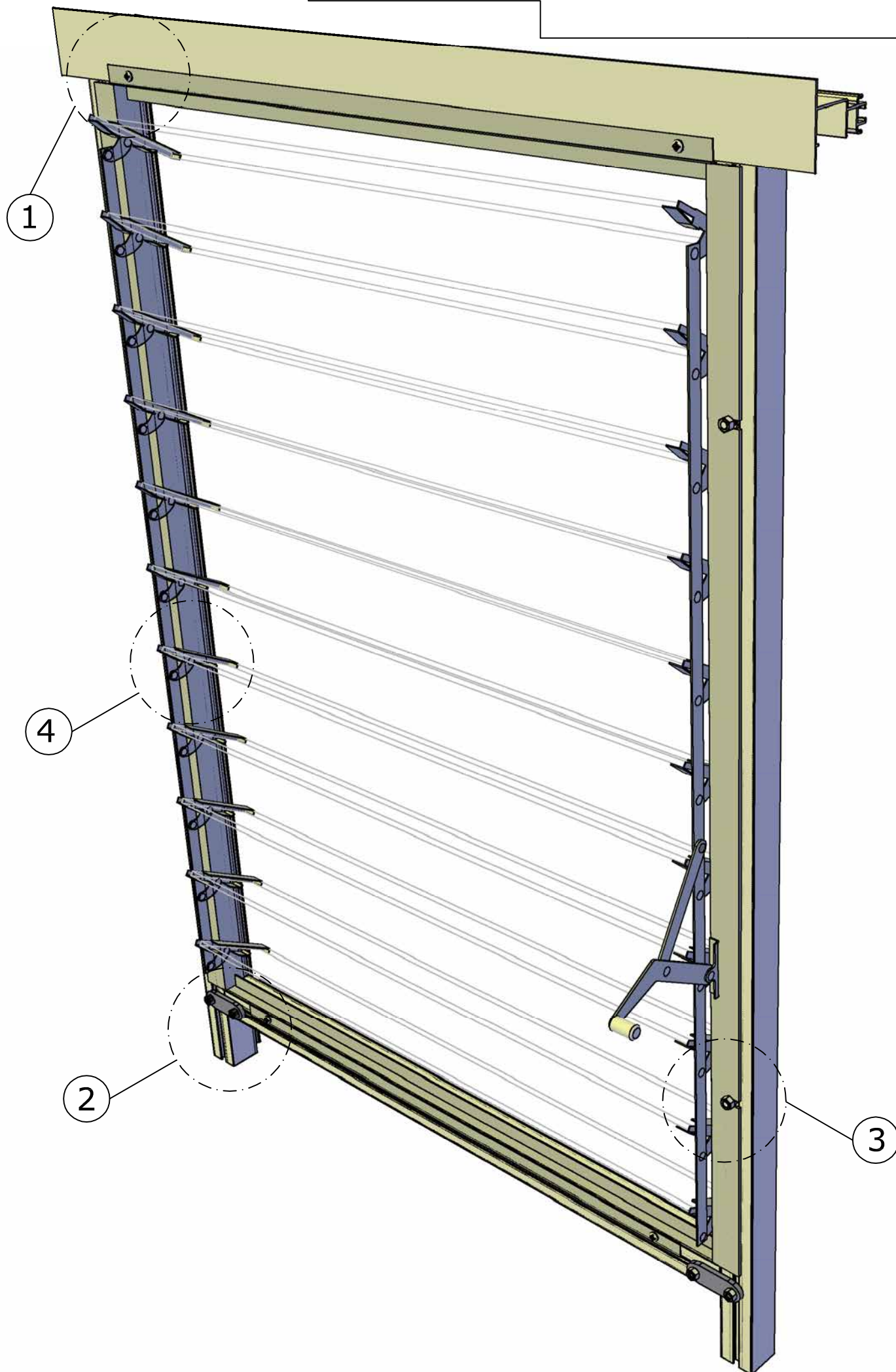
Note: Rubber seal only installed on sides of door



Double Sliding Door

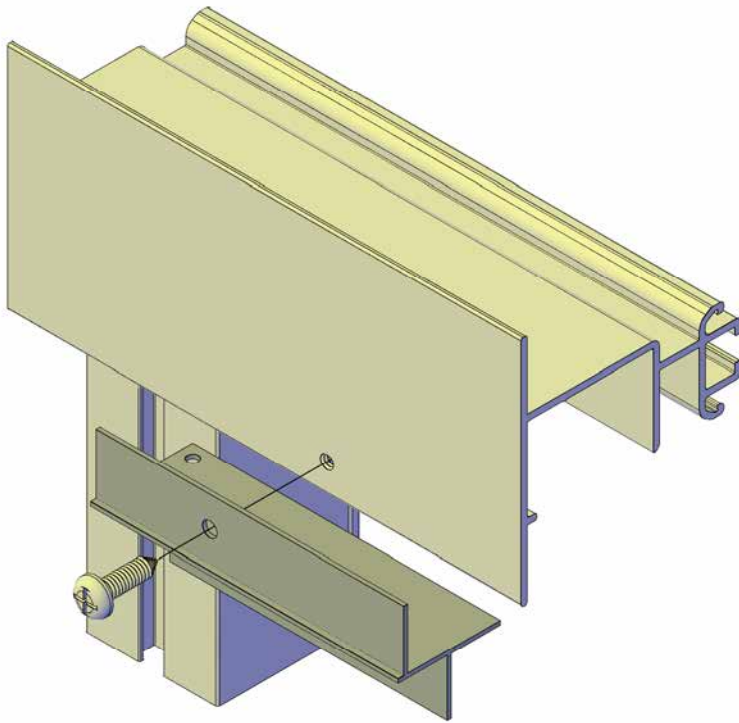


Louvre Vent

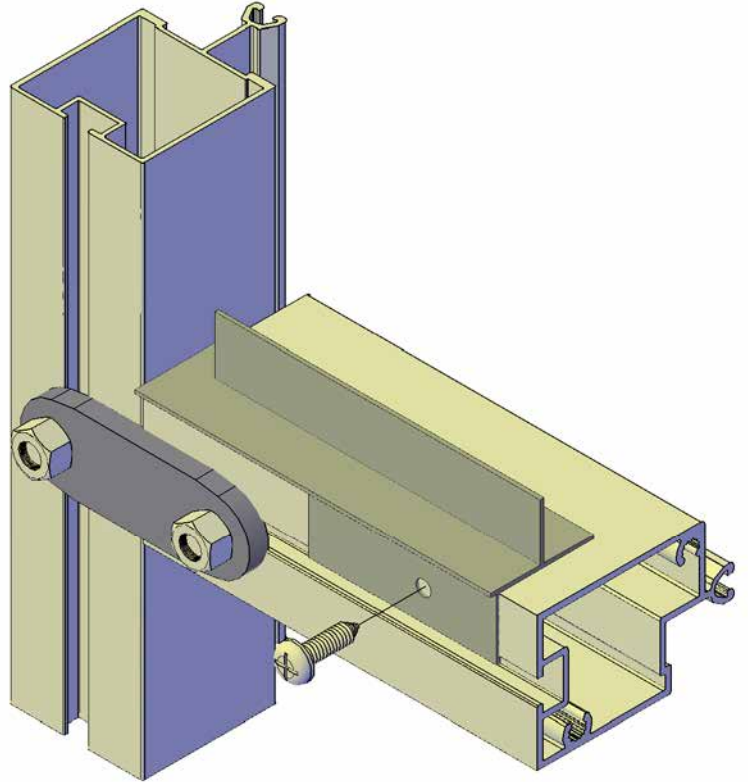


Louvre vent

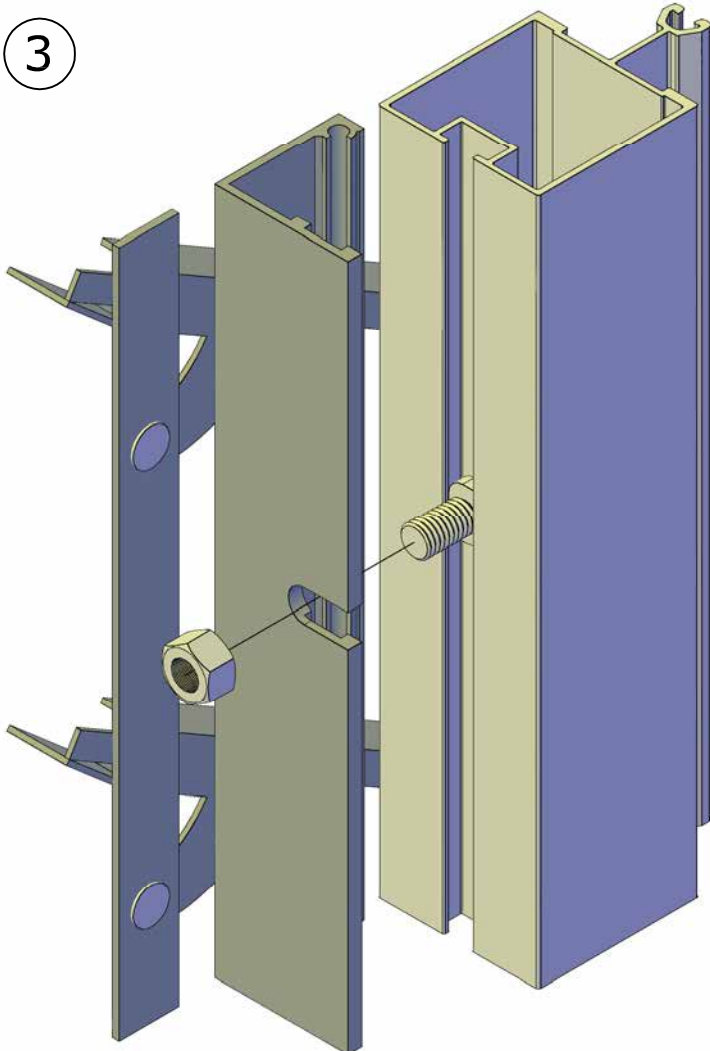
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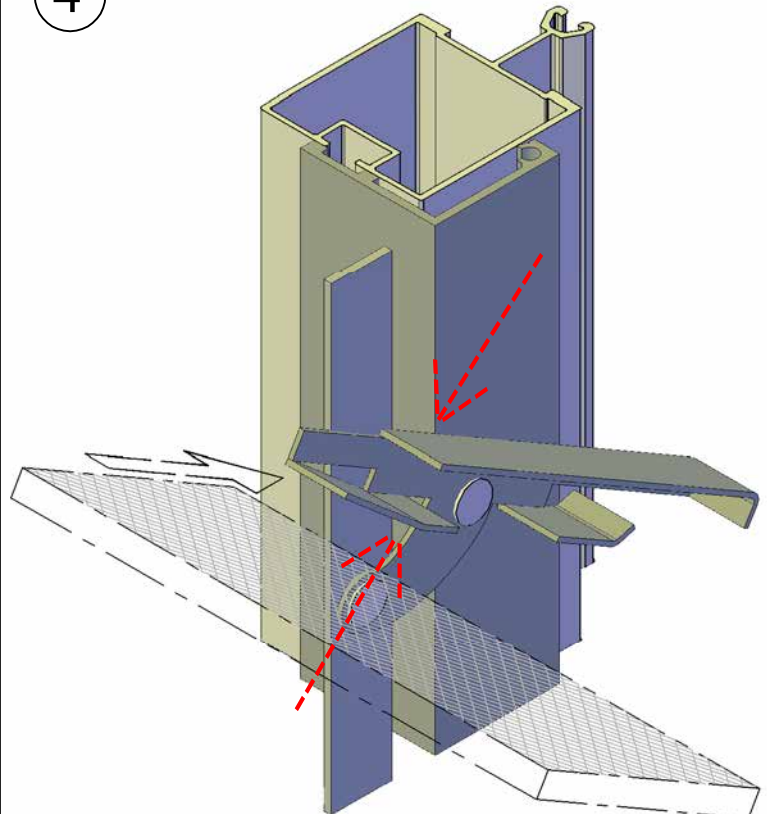
2



3

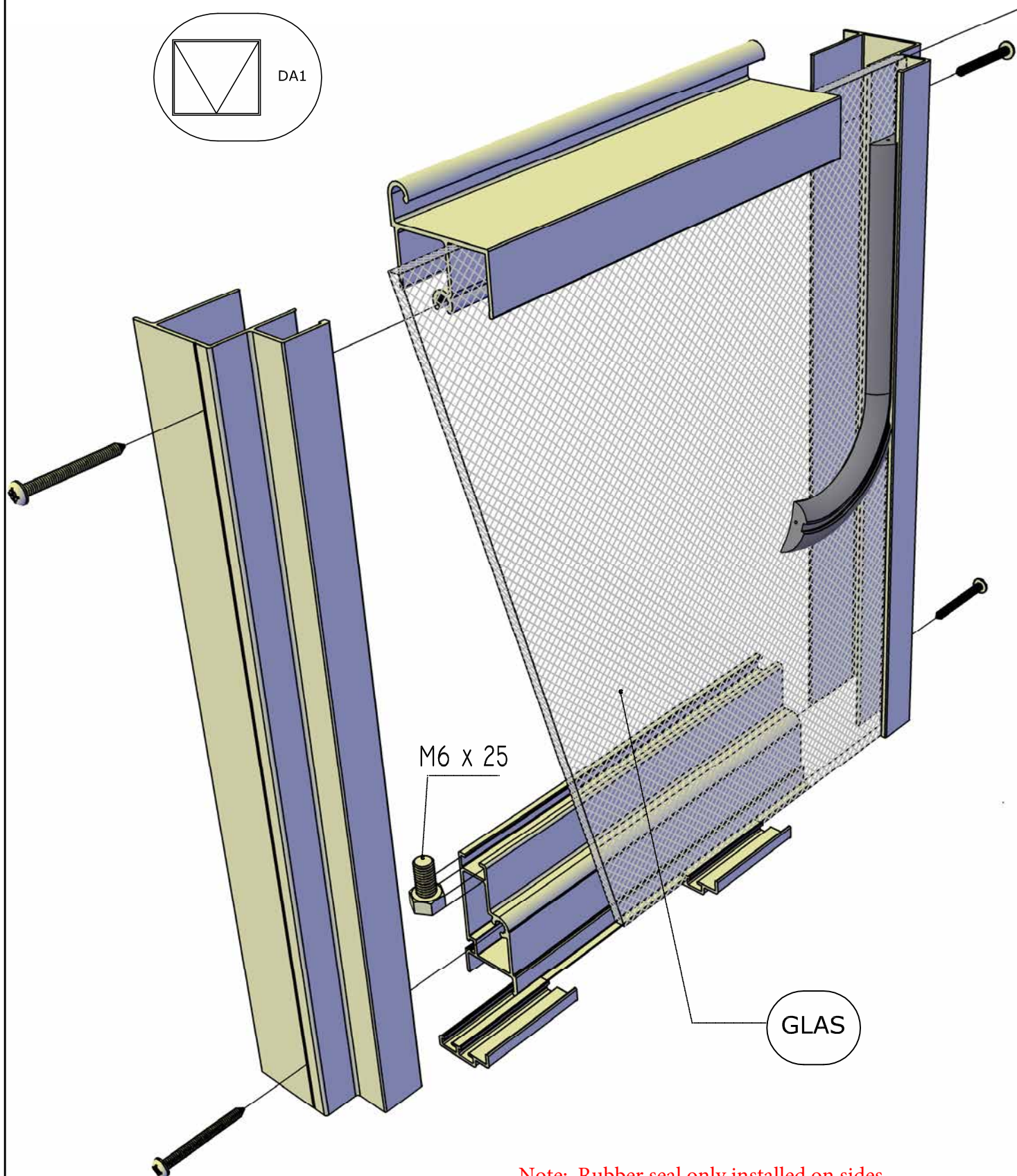


4



Squeeze black framing together to secure the glass

DaaXI [Vai

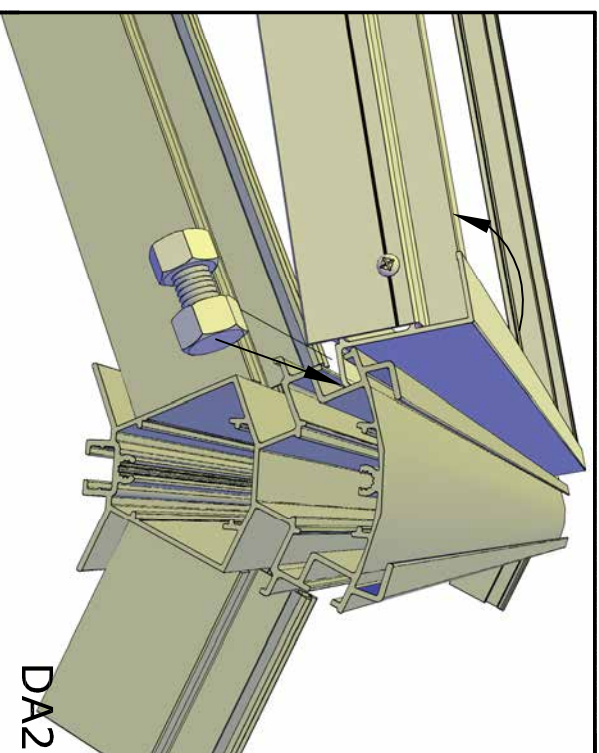
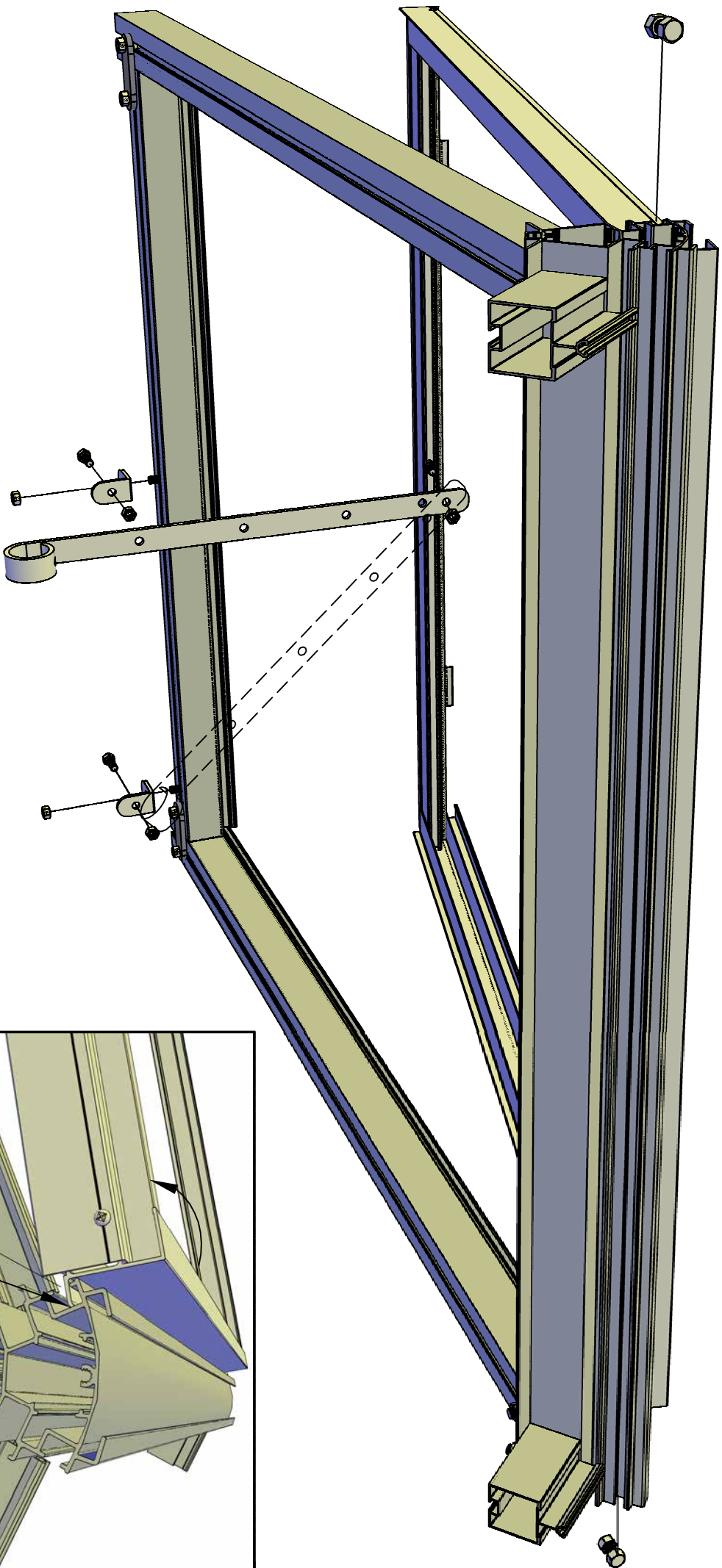


Note: Rubber seal only installed on sides

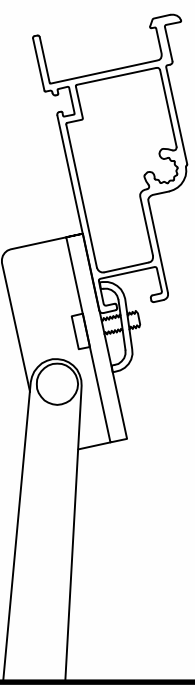
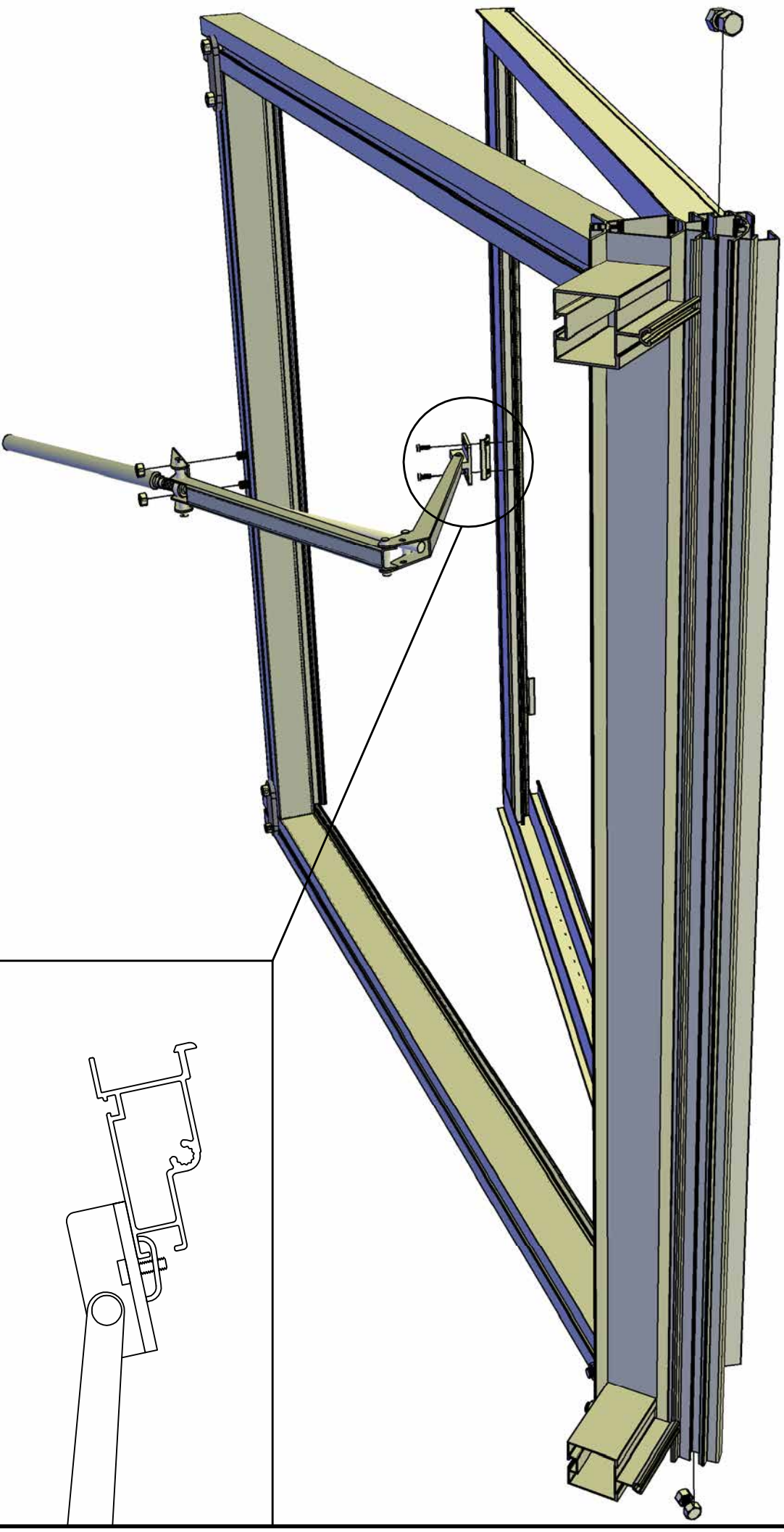


RUBBER E400330

DA1

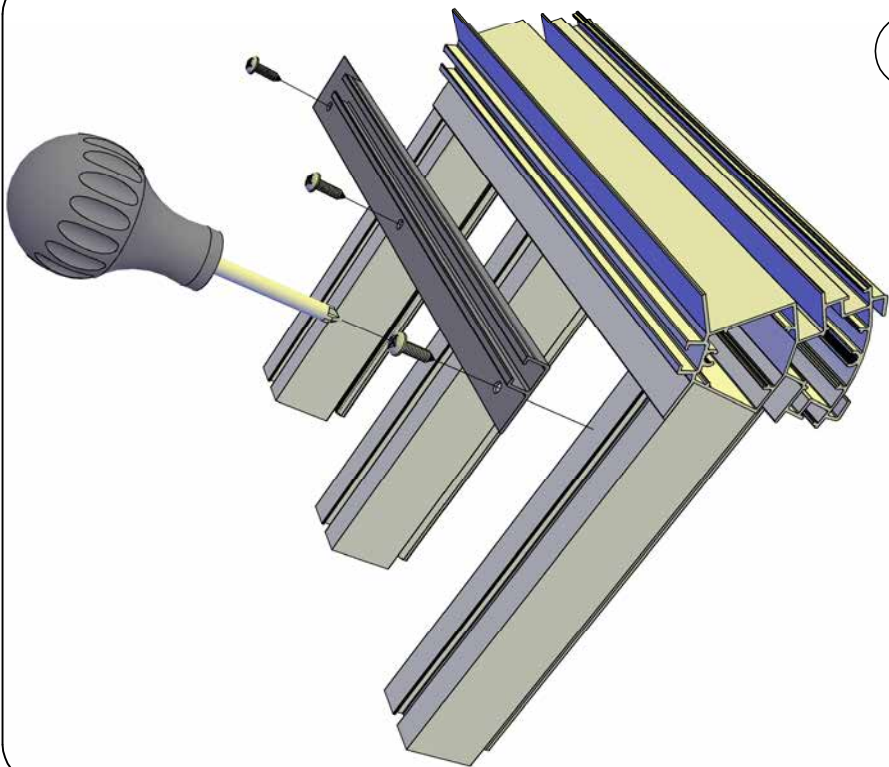


Note: Remove automatic opener piston if temperatures are below freezing and the greenhouse is not heated. This may cause premature failure. It is recommended that the manual opener be used during winter months.

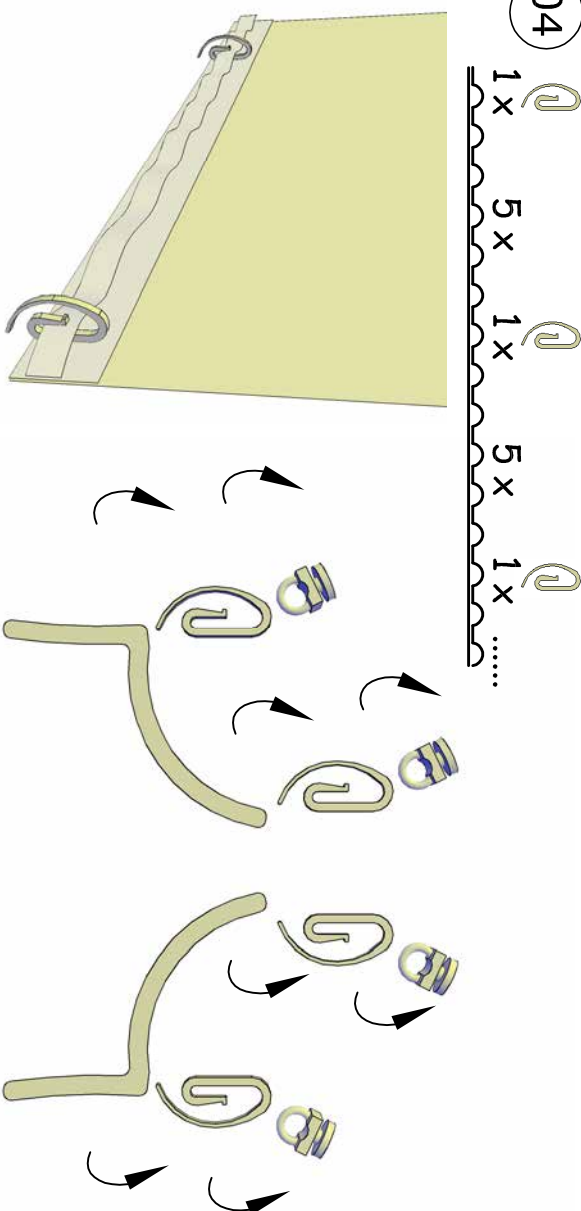


Shade Curtain

01



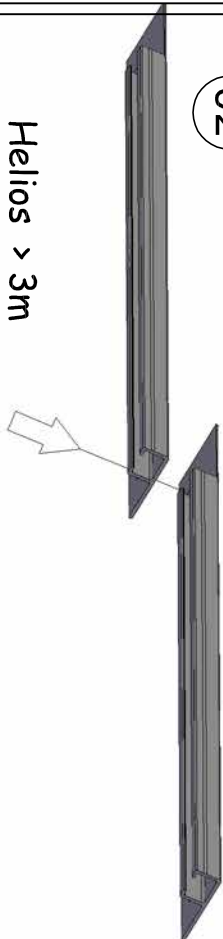
04



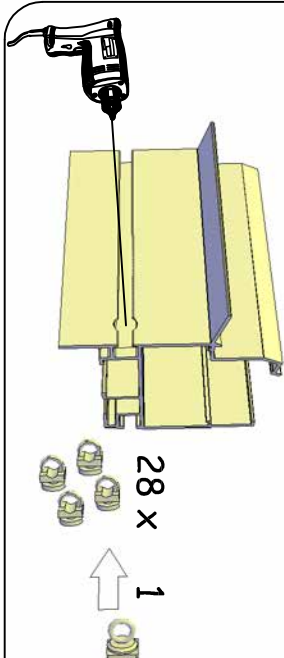
Note: 4 locking loops are provided, one for each curtain end
Hooks are to be installed every sixth hole

TYPE	H23 H33 H43
	160
	160
	2X L2970

02



28 x + 1 Locking loop



28 x 1

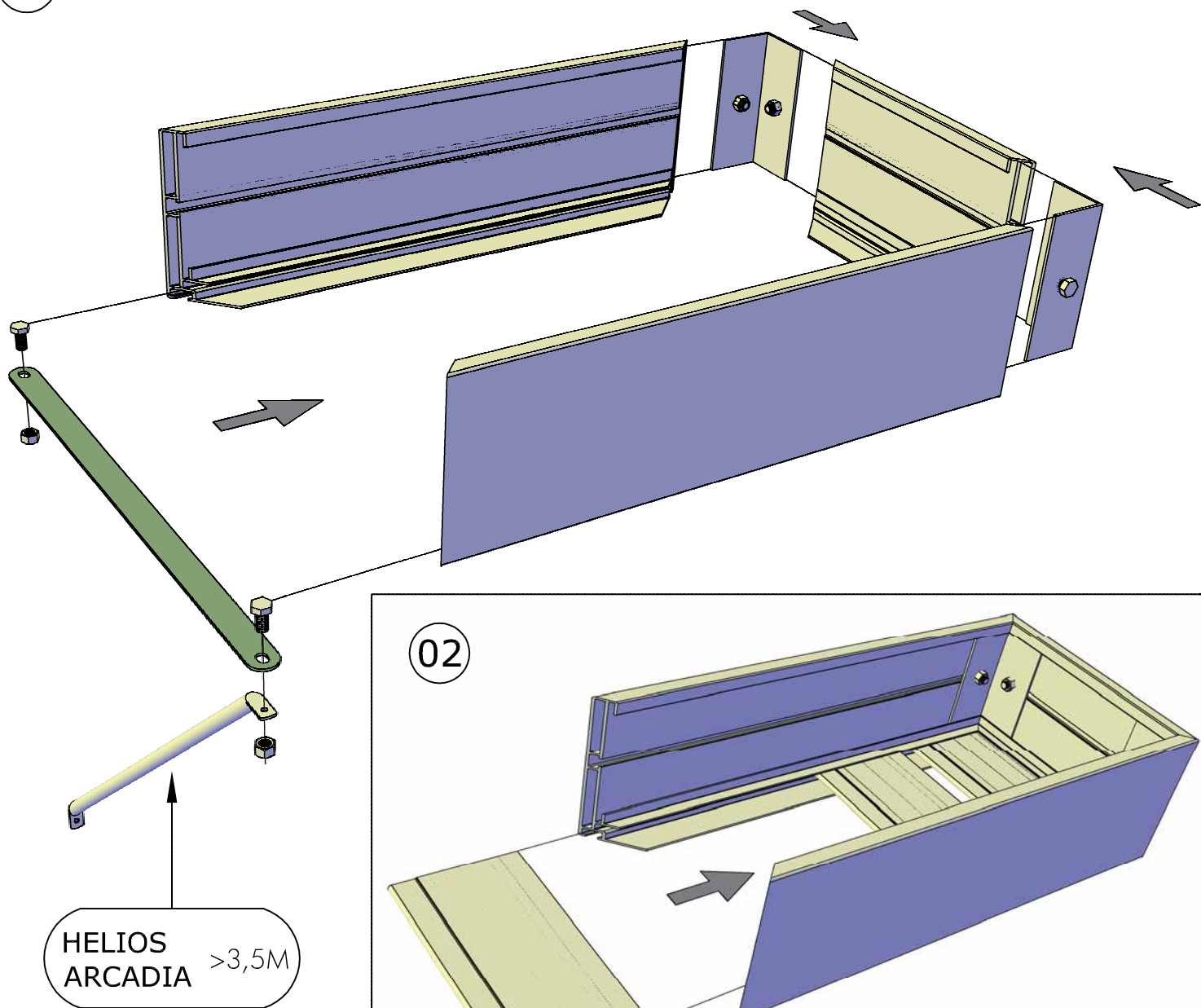


SD1

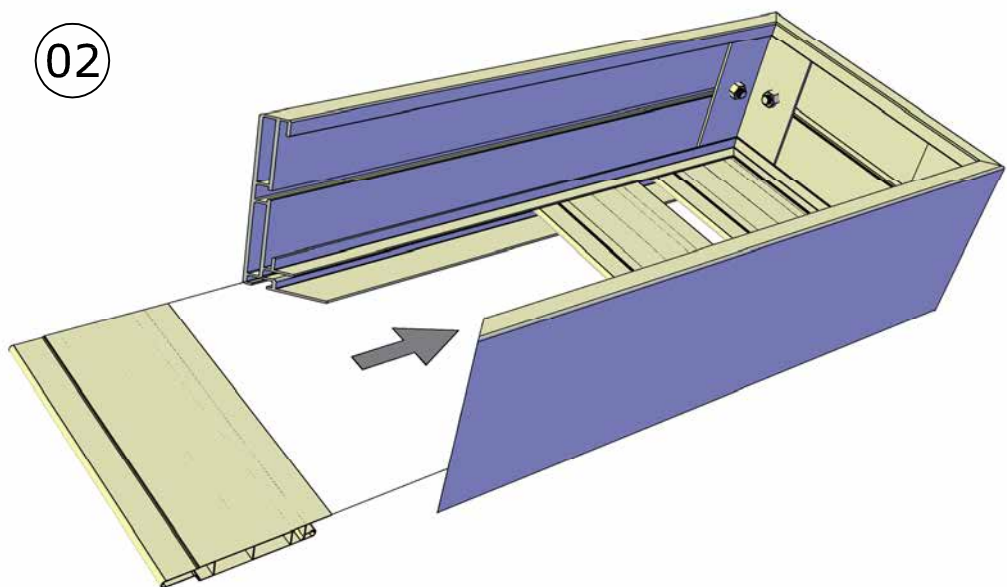
Suggestion: If you forgot to insert the curtain loops you can drill a hole as shown and slide them in.

Seedbed

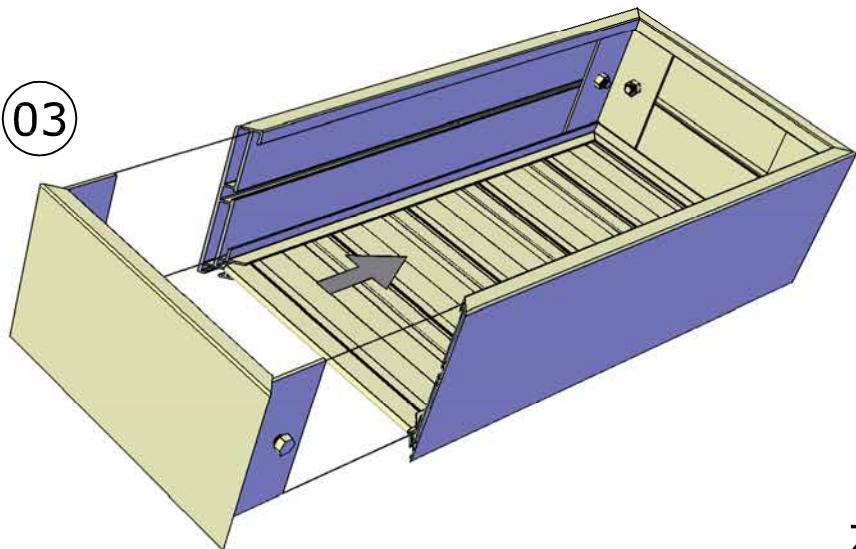
01



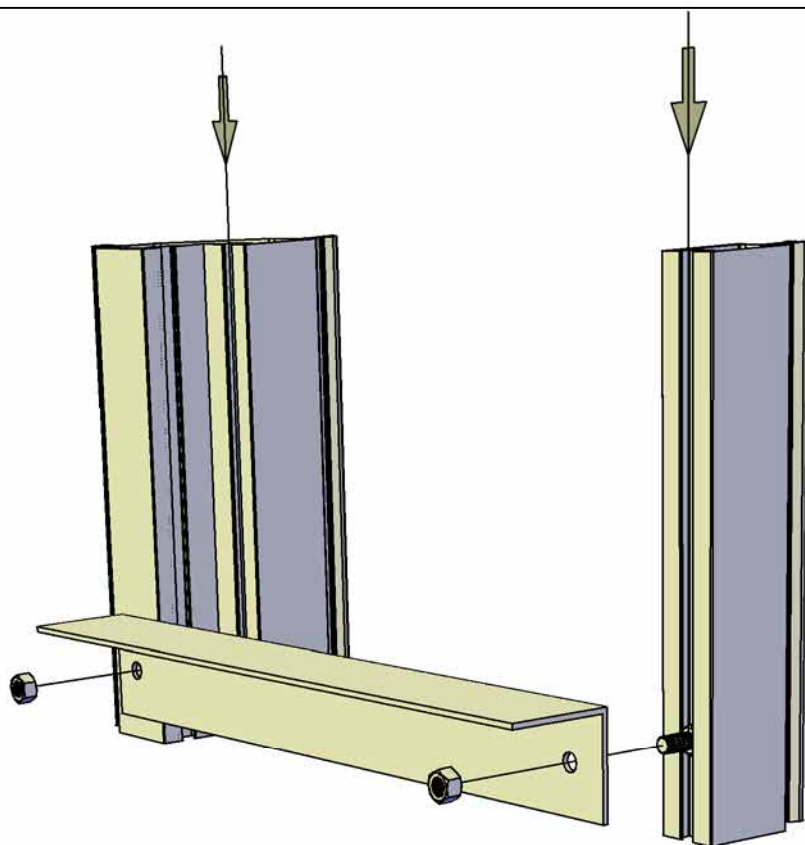
02



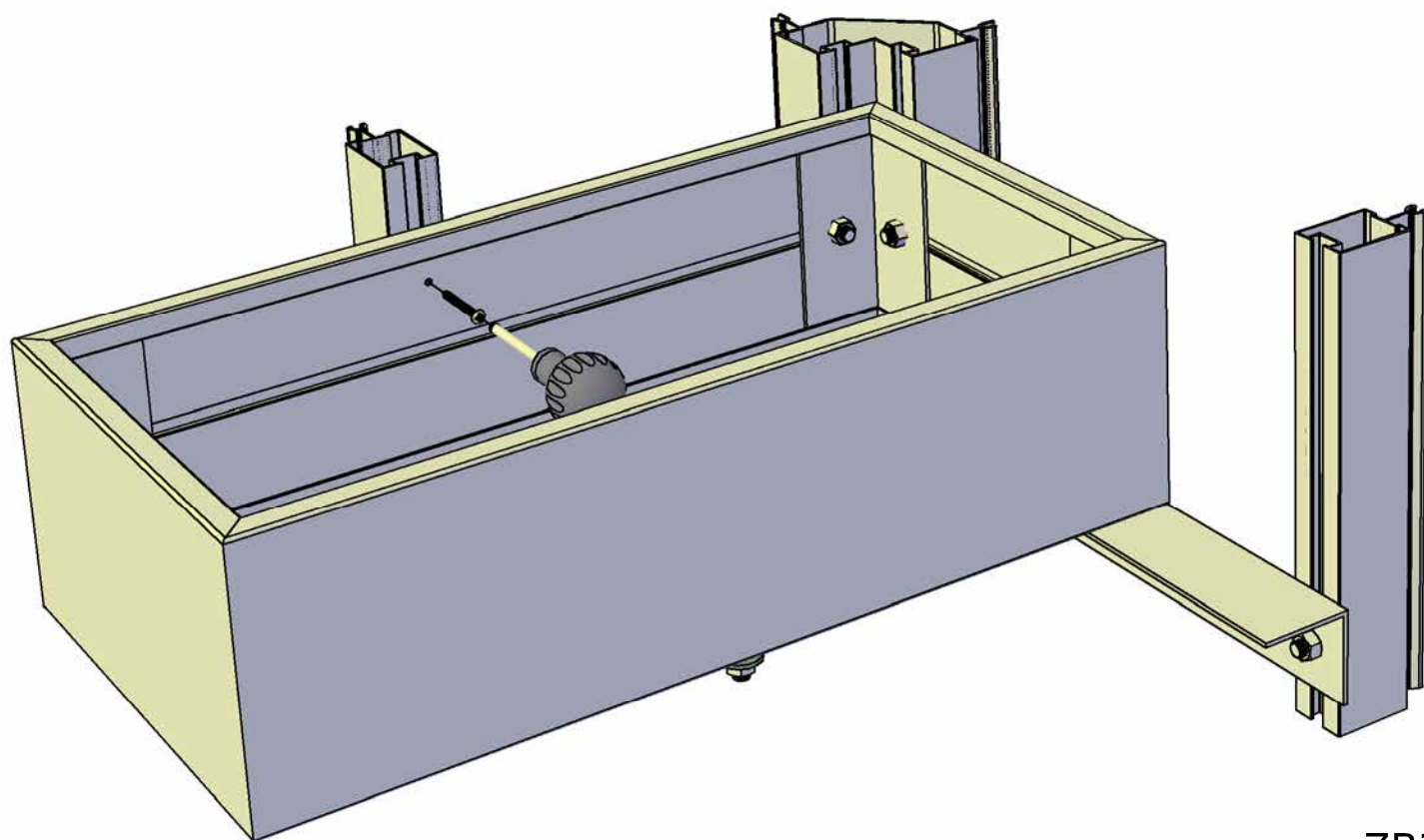
03



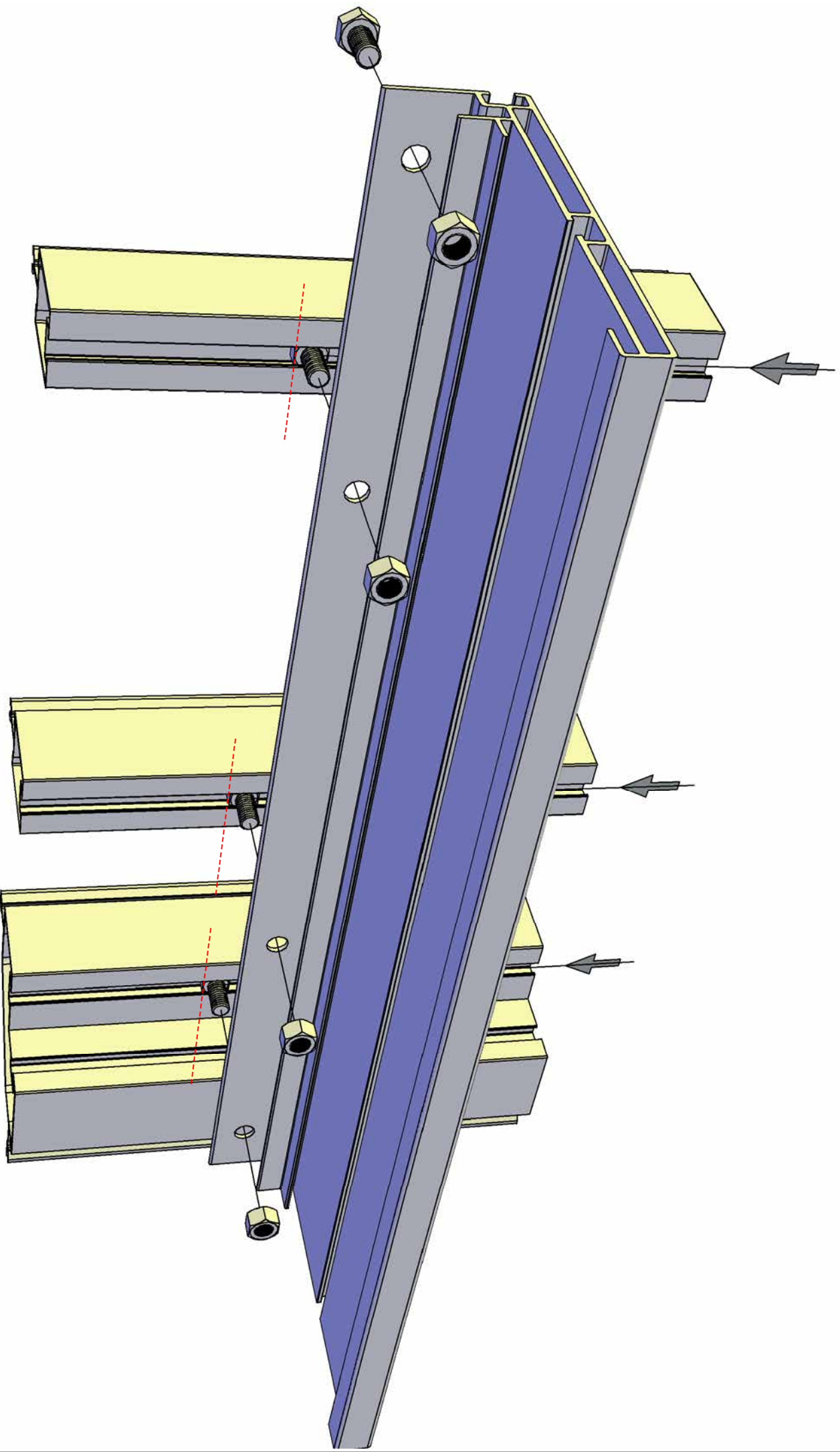
04



05



Shelf



Suggestion: Use a small strip of tape under each bolt to hold it in place. This will make the shelf installation a bit easier. (Tape shown as red dotted line.)

Exaco Trading
10203 Metropolitan Drive Austin, Texas 78758
Customerservice@exaco.com
Toll Free: 1-877-760-8500
www.exaco.com

Janssens NV Mechelsesteenweg 388, B-2500 Lier Belgium
(T) +32 15 30 67 80 (W) www.janssens-alusystems.be (E) info@janssens-alusystems.be