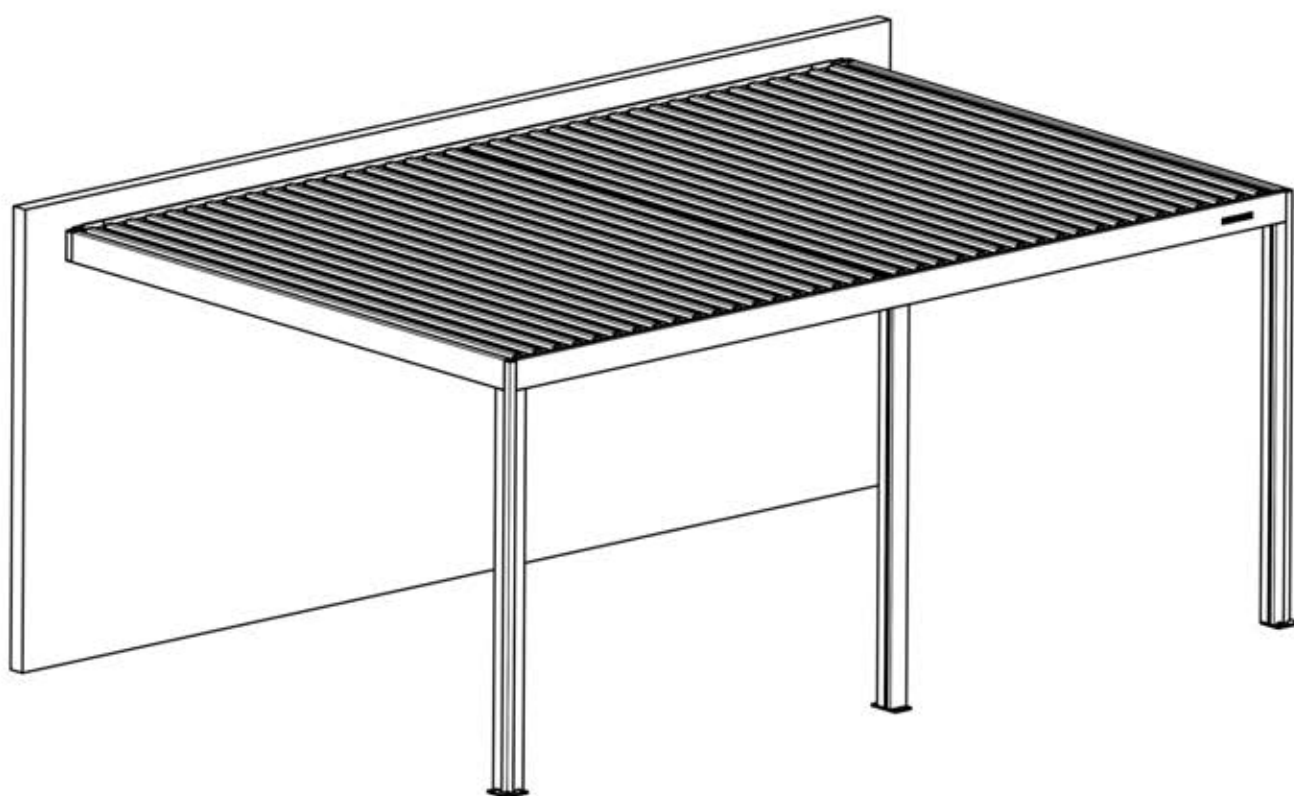


S4

PERGOLA

PRO



3×6m/10'x19'
WALL MOUNTED

PERGOLUX



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678



INFORMATION



INSTALLATION INSTRUCTIONS:

Ensure all parts are present and undamaged before starting the assembly.

Secure to a solid foundation with the correct fasteners for your foundation.

(If applicable) Install motors and wiring as shown. Ensure the electrical components are powered off during installation.

Use the correct lifting and installation equipment.

SAFETY WARNINGS:

Keep children and pets away during installation.

Do not operate the structure if parts are loose or improperly installed.

Ensure the structure is securely anchored to prevent accidents.

Do not insert fingers or any objects between the louvres.

MAINTENANCE:

Regularly clean the aluminum structure to maintain its appearance and prevent the accumulation of dirt.

Also, make sure to clean the gutters regularly. Inspect moving parts for wear and lubricate as necessary.

Check anchor points periodically to ensure stability.



INSTALLATIONSANLEITUNG:

Stellen Sie sicher, dass alle Teile vorhanden und unbeschädigt sind, bevor Sie mit der Montage beginnen.

Befestigen Sie sie mit den richtigen Befestigungselementen für Ihr Fundament auf einem soliden Fundament.

(Falls zutreffend) Installieren Sie Motoren und Verkabelung wie gezeigt. Stellen Sie sicher, dass die elektrischen Teile während der Installation ausgeschaltet sind.

Verwenden Sie die richtige Hebe- und Installationsausrüstung.

SICHERHEITSHINWEISE:

Halten Sie Kinder und Haustiere während der Installation fern.

Betreiben Sie die Struktur nicht, wenn Teile lose oder nicht richtig installiert sind.

Stellen Sie sicher, dass die Struktur sicher verankert ist, um Unfälle zu vermeiden.

Stecken Sie keine Finger oder andere Gegenstände zwischen die Lamellen.

WARTUNG:

Reinigen Sie die Aluminiumstruktur regelmäßig, um ihr Aussehen zu erhalten und die Ansammlung von Schmutz zu verhindern.

Reinigen Sie auch die Dachrinnen regelmäßig. Überprüfen Sie bewegliche Teile auf Verschleiß und schmieren Sie sie bei Bedarf.

Überprüfen Sie die Ankerpunkte regelmäßig, um die Stabilität sicherzustellen.



Pergolux GmbH, 9 Goethestraße,
36043 Fulda,
Germany

26

DOP-PRO-FSWM-S4

EN 13561:2015

Pergolux Pergola PRO S4

External use in buildings and other
construction works

Resistance to wind loads: Class6(EN13561)

SYMBOL EXPLANATION



Indicates the outside of the pergola structure.



This step may require extra force.



Indicates the inside of the pergola structure.



Key information to follow during installation.



Important! Be cautious when assembling or handling this part.



This item must be purchased separately.



Required tools for assembly.



Apply lubricant to make screw assembly easier.



Ensure grounding is connected before powering up.



Do not use a regular hammer, as it may cause damage.



Align slats according to sunlight direction for optimal shading.



AC Input



Repeat this step as many times as the number indicates

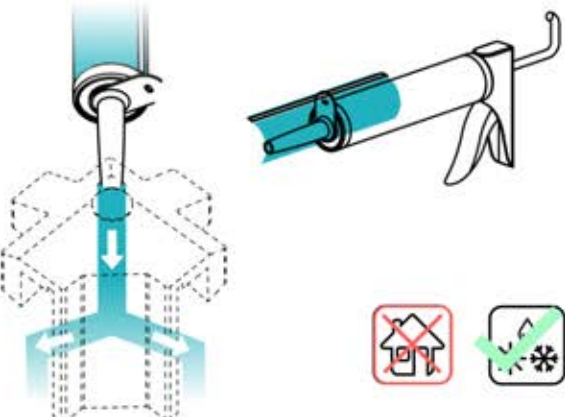


Motor

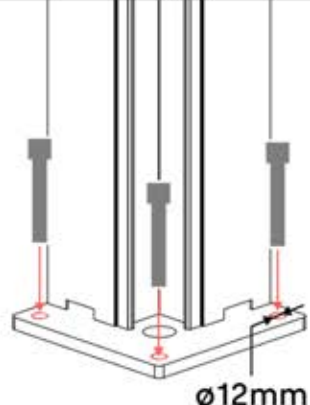


Turn around

INFORMATION



Use a high-quality, weather-resistant and mold-resistant adhesive and sealant to seal the corners of the pergola and prevent leakage. Look for products that are designed for outdoor use and provide a strong, long-lasting bond.



ø12mm

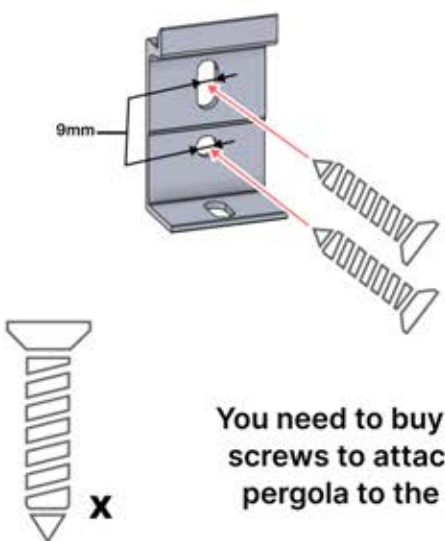
Use on concrete

x10

Use on wood

x10

You need to buy 10 mm screws to attach the pergola to the ground



9mm

x

You need to buy 8 mm screws to attach the pergola to the wall



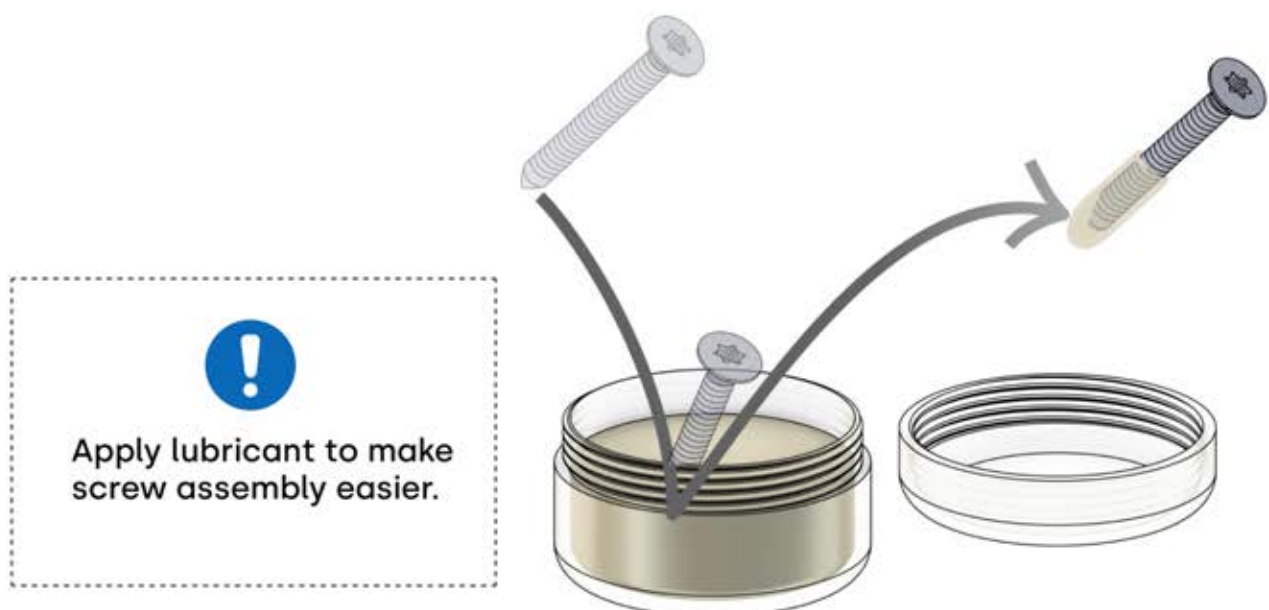
SHOP

PERGOLUX

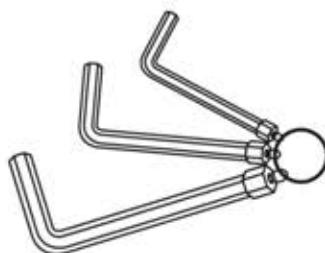
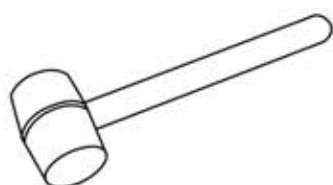
INFORMATION

All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

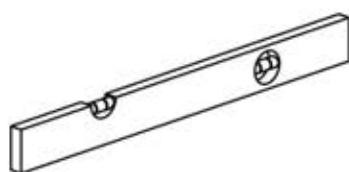
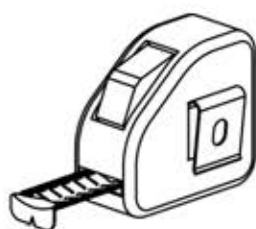
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
- **USE LUBRICATION:** Apply lubricant to make screw assembly easier.



INFORMATION



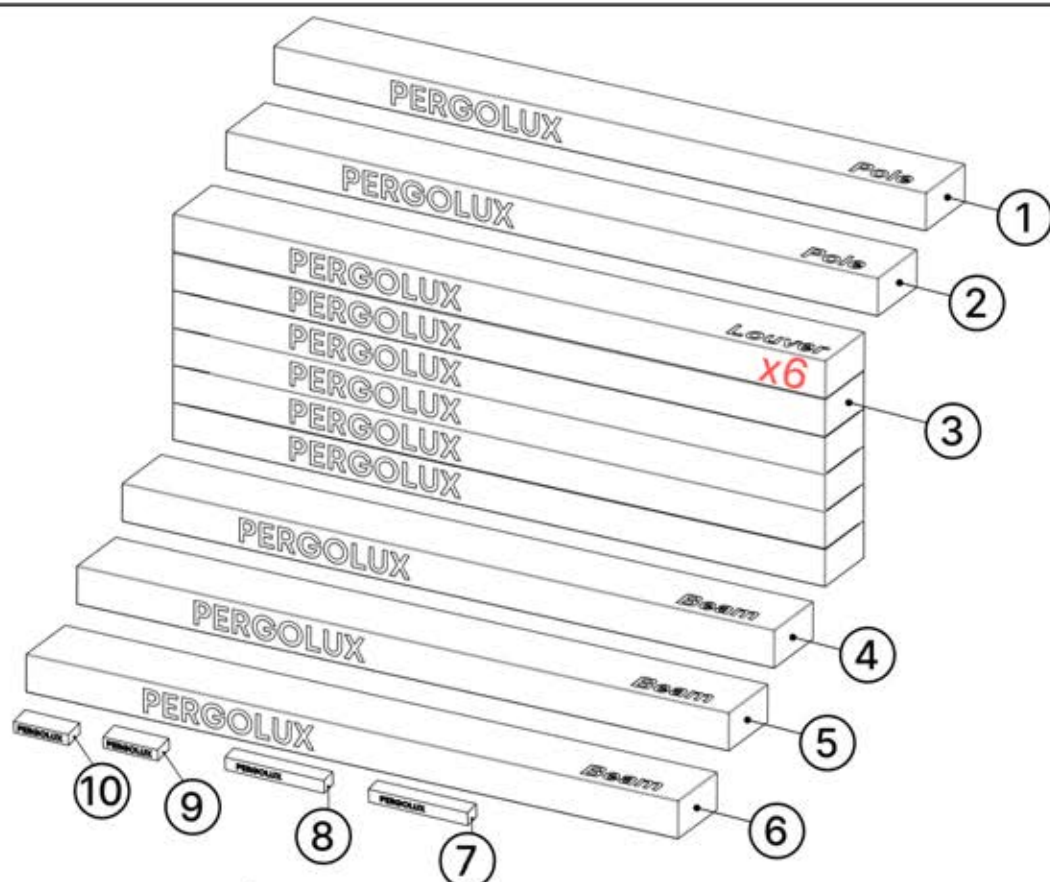
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30



PACKAGE OVERVIEW

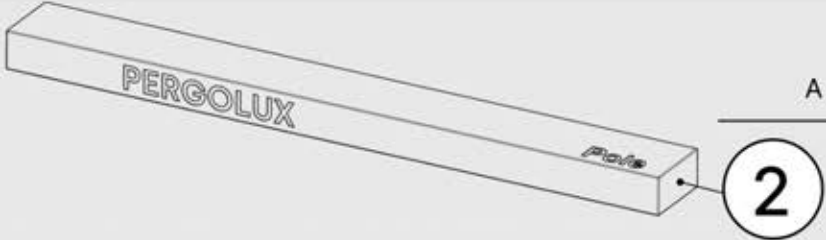
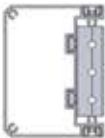
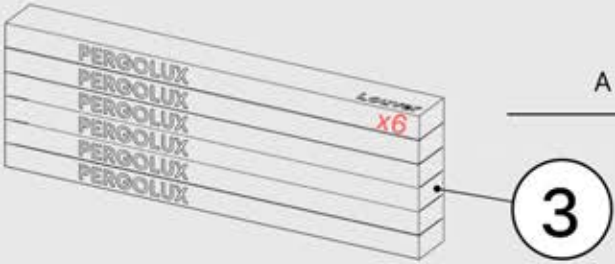
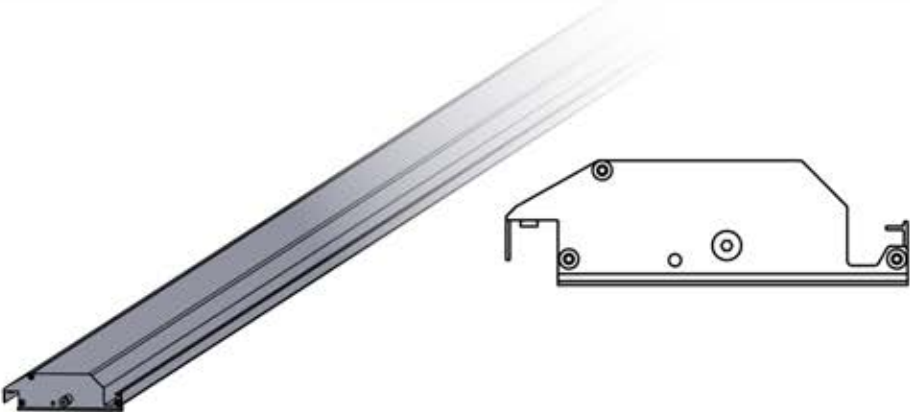


ORDER	ANTHRACITE	WHITE	BLACK
①	C120	C122	C121
②	C123	C125	C124
③	L221	L225	L223
④	B247	B255	B251
⑤	B262	B266	B264
⑥	B274	B278	B276
⑦	MOTOR		
⑧	WHITE / RGB LED		
⑨	CONTOL BOX		
⑩	POWER CABLE		

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	1	C120	C122 C121
			
PN-200002606 2x			
			
PN-200002614 2x			
			
PN-200003386 2x			

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		C123	C125	C124
			PN-200002782 1x	
			PN-200002783 1X	
			PN-200002785 1x	
		ANTHRACITE	WHITE	BLACK
		L221	L225	L223
		PN-200002879 36x		

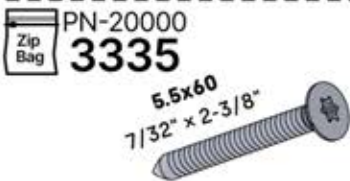
ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	4	B247	B255 B251
		PN-200003355 1x	
		PN-200003360 1x	
		PN-200002867 1x	
		PN-200002863 1x	
		PN-200002866 1x	

ITEMS IN BOX

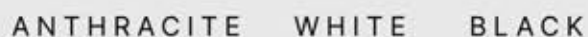
	ANTHRACITE WHITE BLACK		
	4		
	B247	B255	B251
		PN-200002865 1x	
		PN-200003334 1x	
		PN-200003380 1x	

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
4		B247	B255	B251
	PN-20000 3335	PN-200000560 14x		PN-200000826 2x
	PN-20000 3302	PN-200001514 4x		PN-200003322 1x
		PN-200003323 1x		PN-200000840 18x
	PN-20000 3278	PN-200003033 2x		PN-200003031 1x
		PN-200003030 1x		PN-200001207 2x
	PN-20000 3279	PN-200000568 32x		PN-200003385 1x
	PN-20000 3365	PN-200000507 4x		PN-200000568 2x
		PN-200000569 8x		PN-200000516 2x

ITEMS IN BOX

PERGOLUX 4 ANTHRACITE WHITE BLACK B247 B255 B251			
Zip Bag PN-20000 3276 3.5x8 6 x 5/16"  PN-200002618 4x PN-200000571 4x	Zip Bag PN-20000 3364   PN-200002792 2x PN-200002617 2x		
Zip Bag PN-20000 3379 4.2x40 5/32" x 1-9/16"  PN-200000960 4x	Zip Bag PN-20000 3284  PN-200002625 4x		
Zip Bag PN-20000 3371   PN-200003372 1x PN-200001946 1x	 PN-200003373 1x	 PN-200000561 1x	 PN-200000502 1x
Zip Bag PN-20000 3281  4.2X20  PN-200002622 4x PN-200000680 8x	Zip Bag PN-20000 3309   PN-200003308 2x PN-200003324 2x		



4

B247

B255

B251



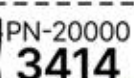
PN-200000510
5x



PN-200000669
5x



PN-200000655
5x



PN-200000731
2x



PN-200000732
2x



PN-200000668
4x



PN-200000415
8x

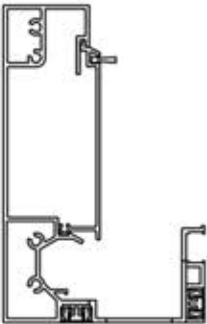
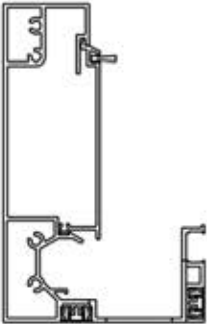


PN-200000826
3x



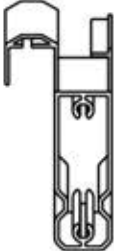
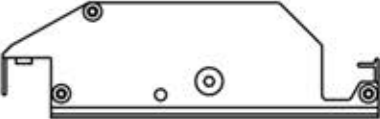
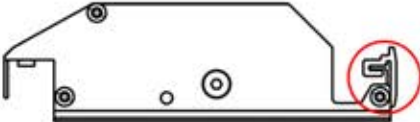
PN-200001340
1x

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
5		B262	B266	B264
		PN-200003357 1x		
		PN-200003394 1x		
		Premounted PN-200003035 2x		
		PN-200003043 2x		

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	B274	B278	B276

		PN-200003415 1x
		PN-200002879 1x
		PN-200002957 1x

ITEMS IN BOX



7

ELECTRIC MOTOR



Electric motor
PN-200001562

1x



PN-200001623

1x



PN-200001624

1x



PN-200001625

2x



8

WHITE / RGB LED



LED light strip

4x



Y cable

1x

ITEMS IN BOX



**** Only if you ordered LED lights to your pergola.**



9

CONTROL BOX



Control box

1x



Matter antenna
clip

1x



PN-200002684

10x



PN-200002683

5x



QR-code

1x



3M tape

1x



PN-200002756

1x



PN-200002754

1x



PN-200002758

1x



PN-200002753

2x



PN-200002759

2x



PN-200002757

1x

ITEMS IN BOX



**** Only if you ordered LED lights to your pergola.**



10

POWER CABLE



Power cable

1x



All electric parts should be tested before installation.

LEDs + Motor (and heater) should be connected to the Control box and programmed to ensure functionality.

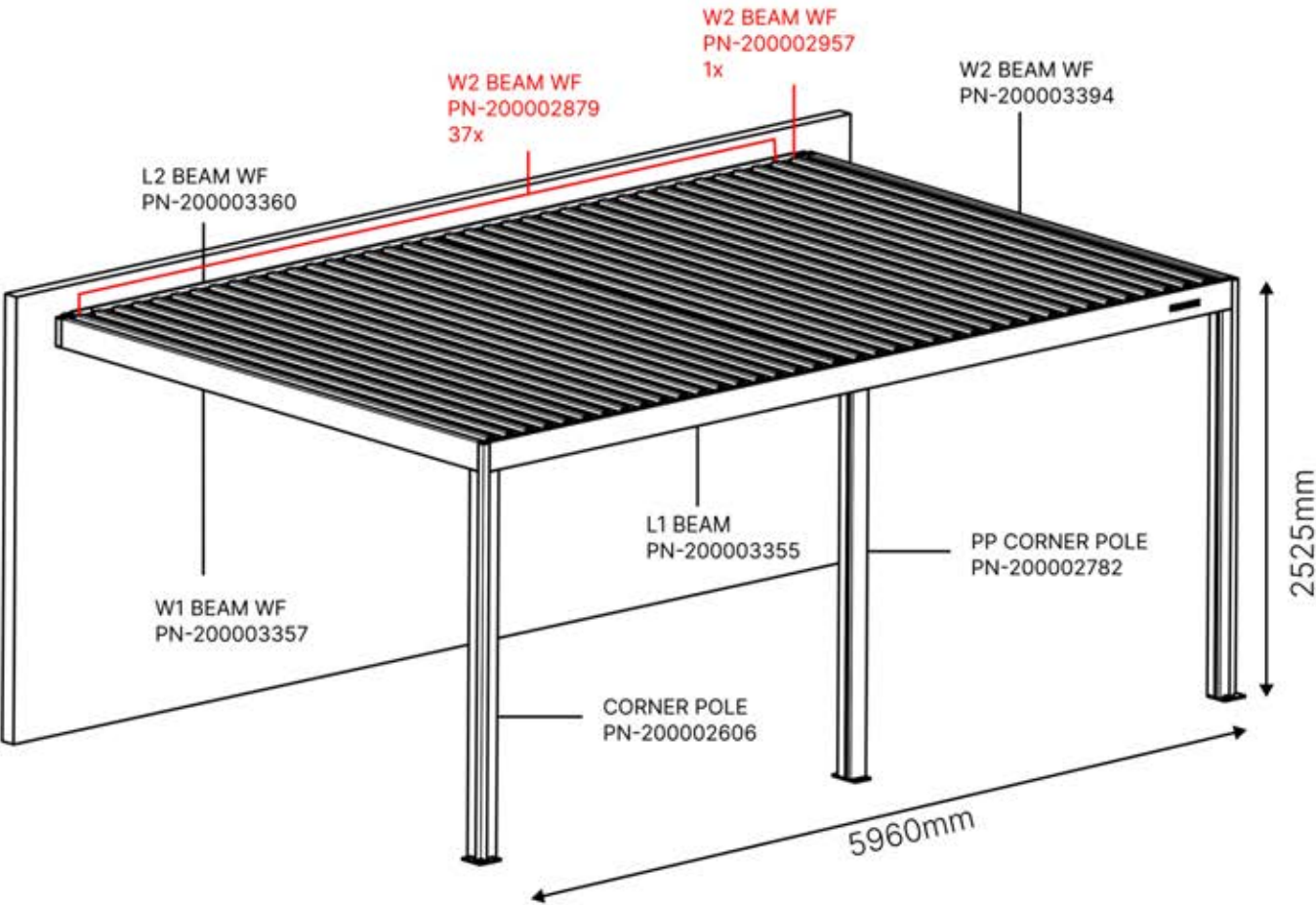
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



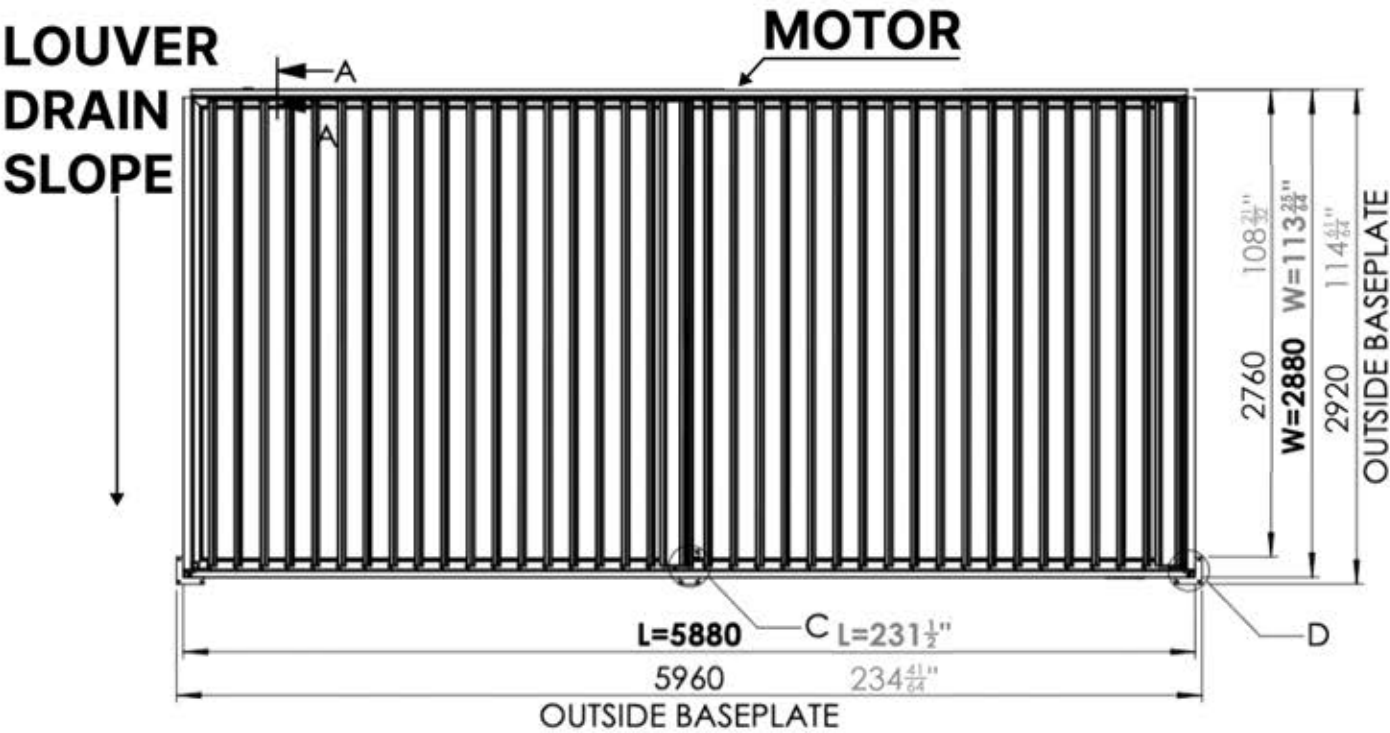
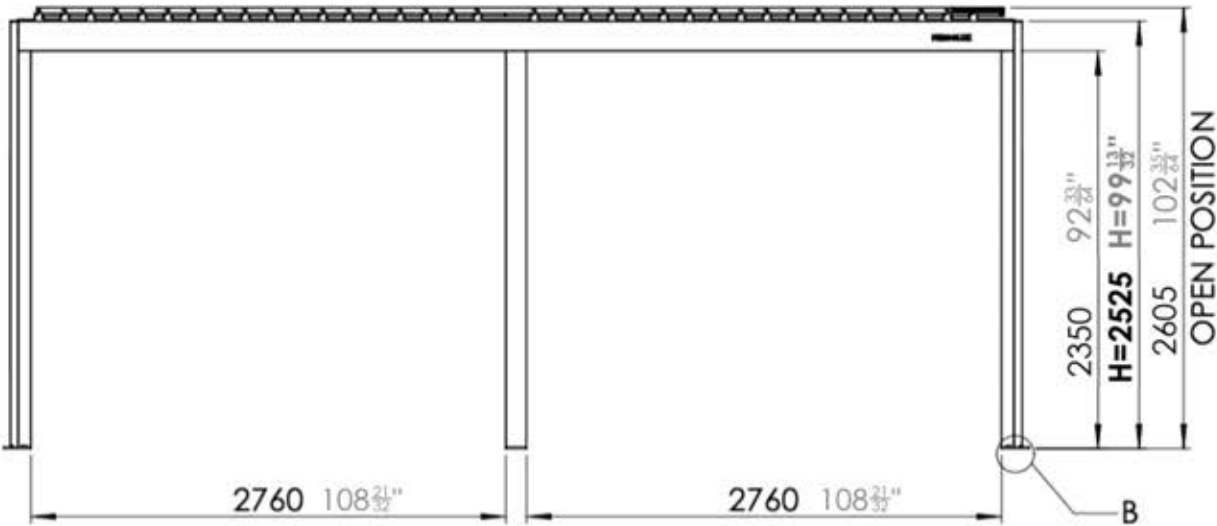
CONTROL BOX

[View Manual](#)

3 × 6 M / 10'x19'



3 × 6 M / 10'x19'



INFORMATION

Are you installing a screen, slat wall or glass wall?

It is recommended to remove these Snapfit covers and clips now before installing the pergola.

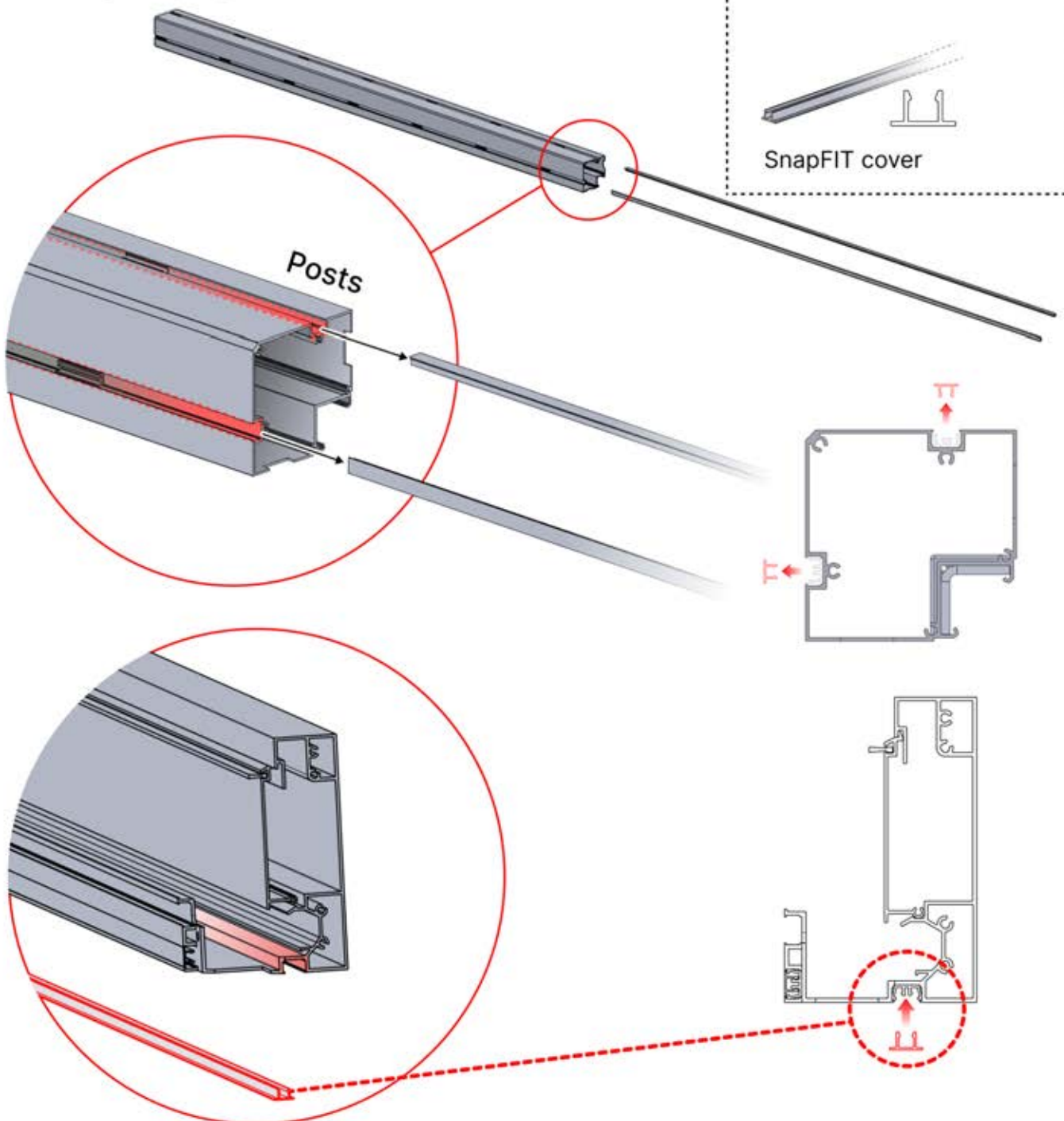
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



Are you installing a heater, fan or LED lights?

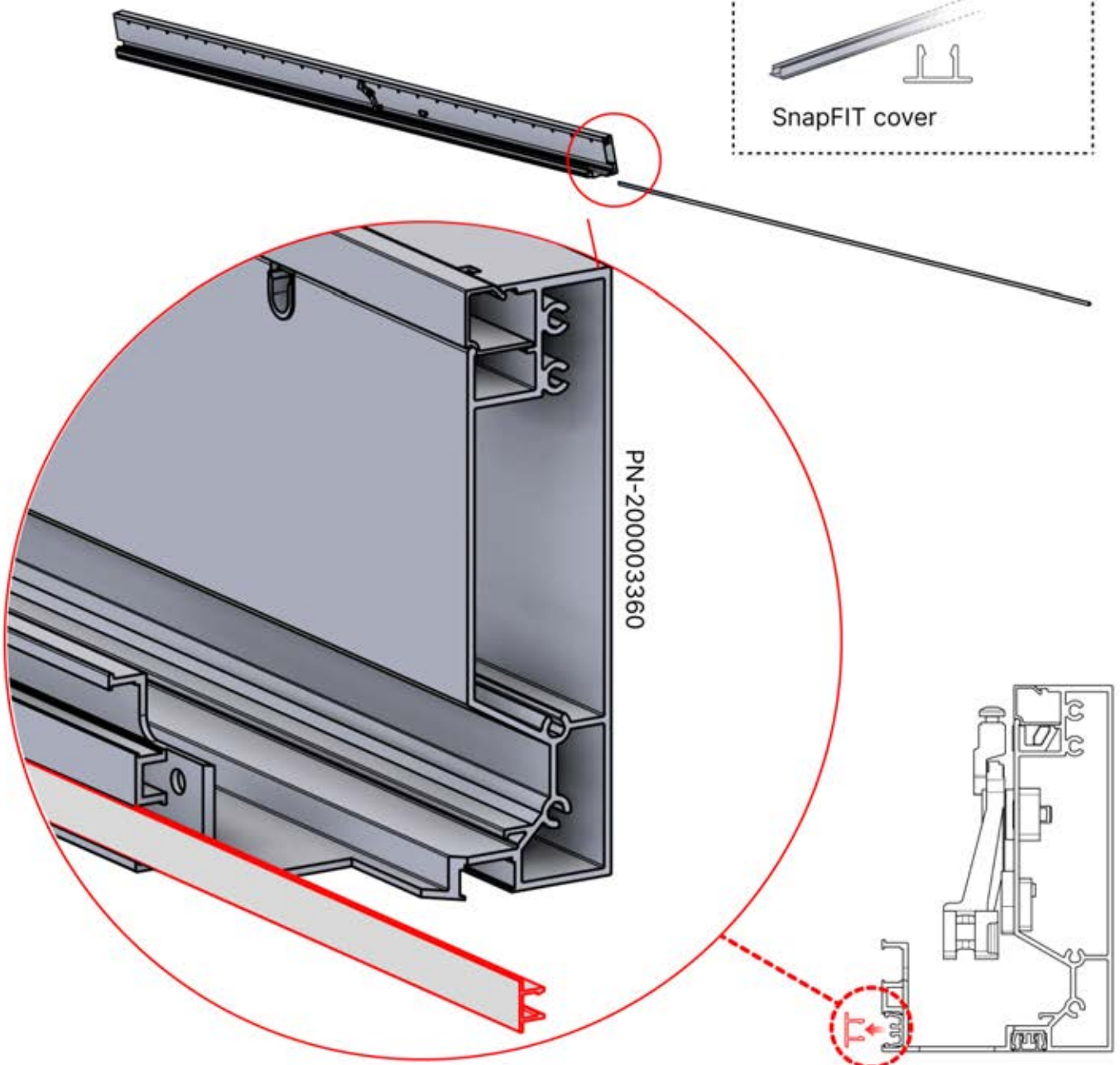
Cover and clips



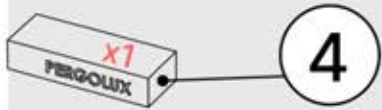
PN-200000512
SnapFIT COVER CLIP



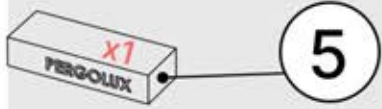
SnapFIT cover



INFORMATION



ANTHRACITE: B247
WHITE: B255
BLACK: B251



ANTHRACITE: B262
WHITE: B266
BLACK: B264



PN-200003357

1x

PN-200003394

1x

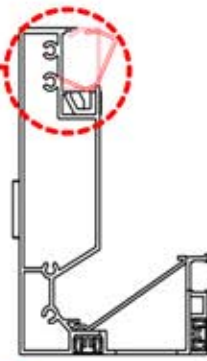
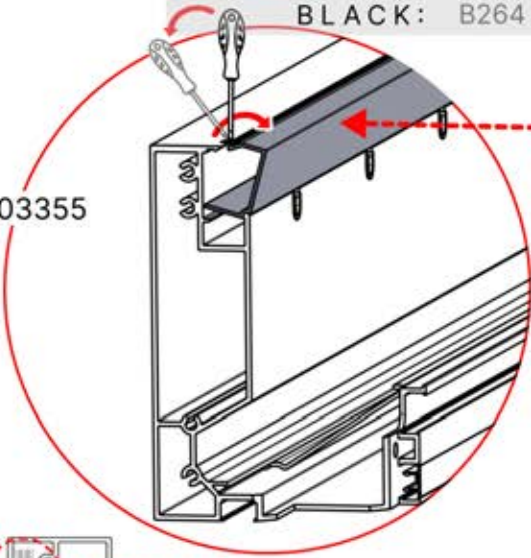
PN-200003355

1x

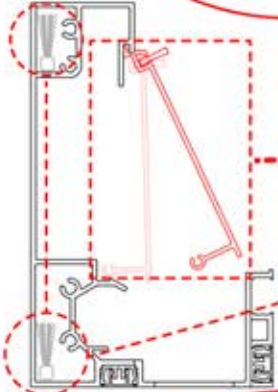
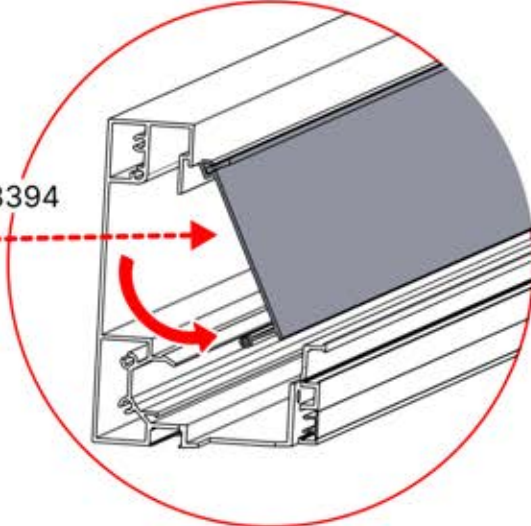
PN-200003360

1x

PN-200003355

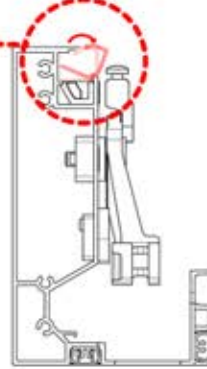
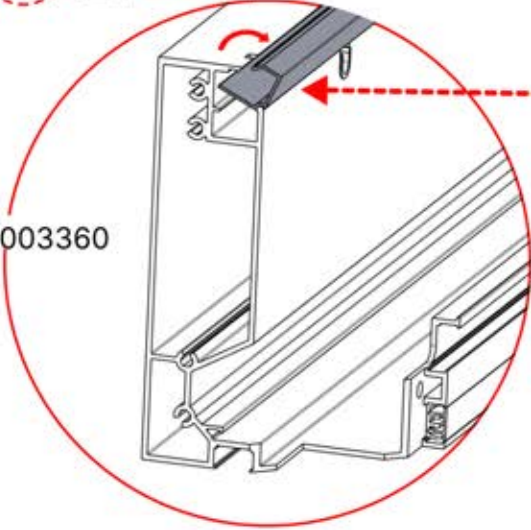


PN-200003394

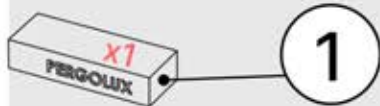


!
Remove the brush from the beam and set it aside. It will be installed during a later step in the manual.

PN-200003360



01



1

ANTHRACITE: C120
WHITE: C122
BLACK: C121



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200002606

2x



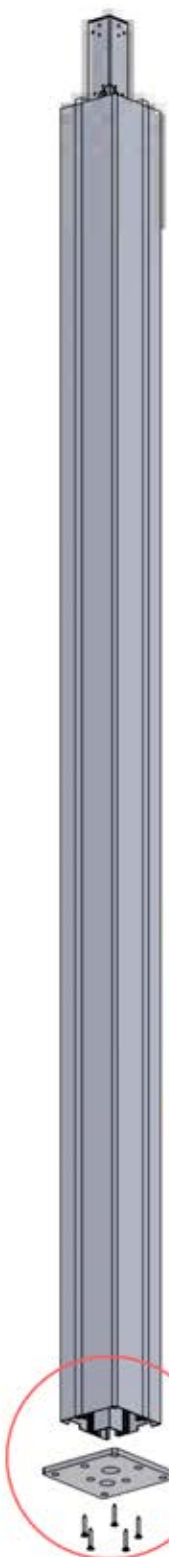
PN-200002614

2x



PN-200000560

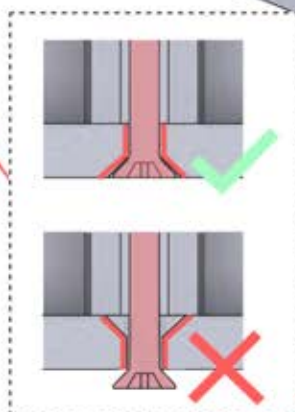
10x



PN-200002606

PN-200002614

PN-200000560



PN-200000560



02



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200002782

1x



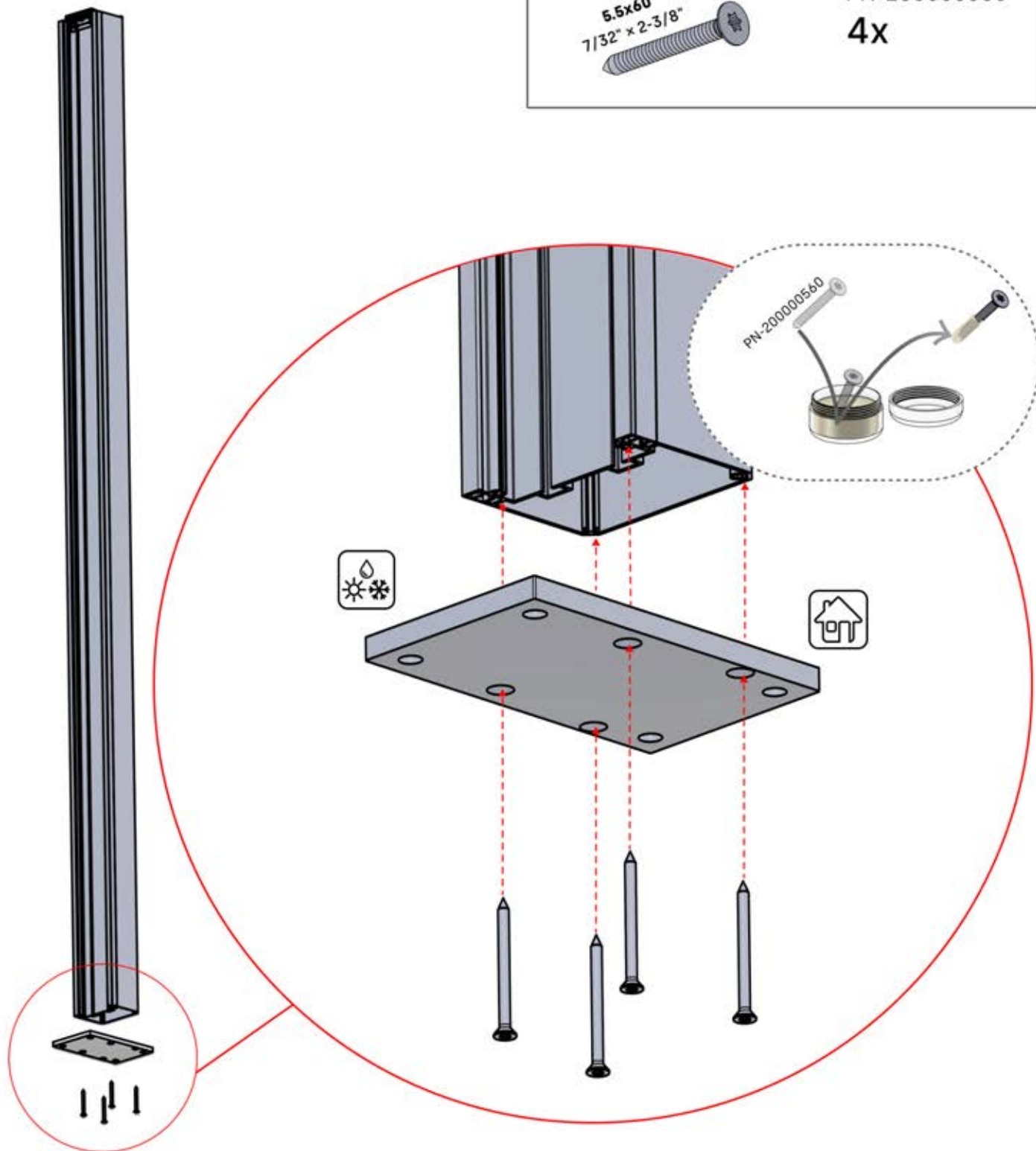
PN-200002785

2x



PN-200000560

4x



03



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200000510
6x

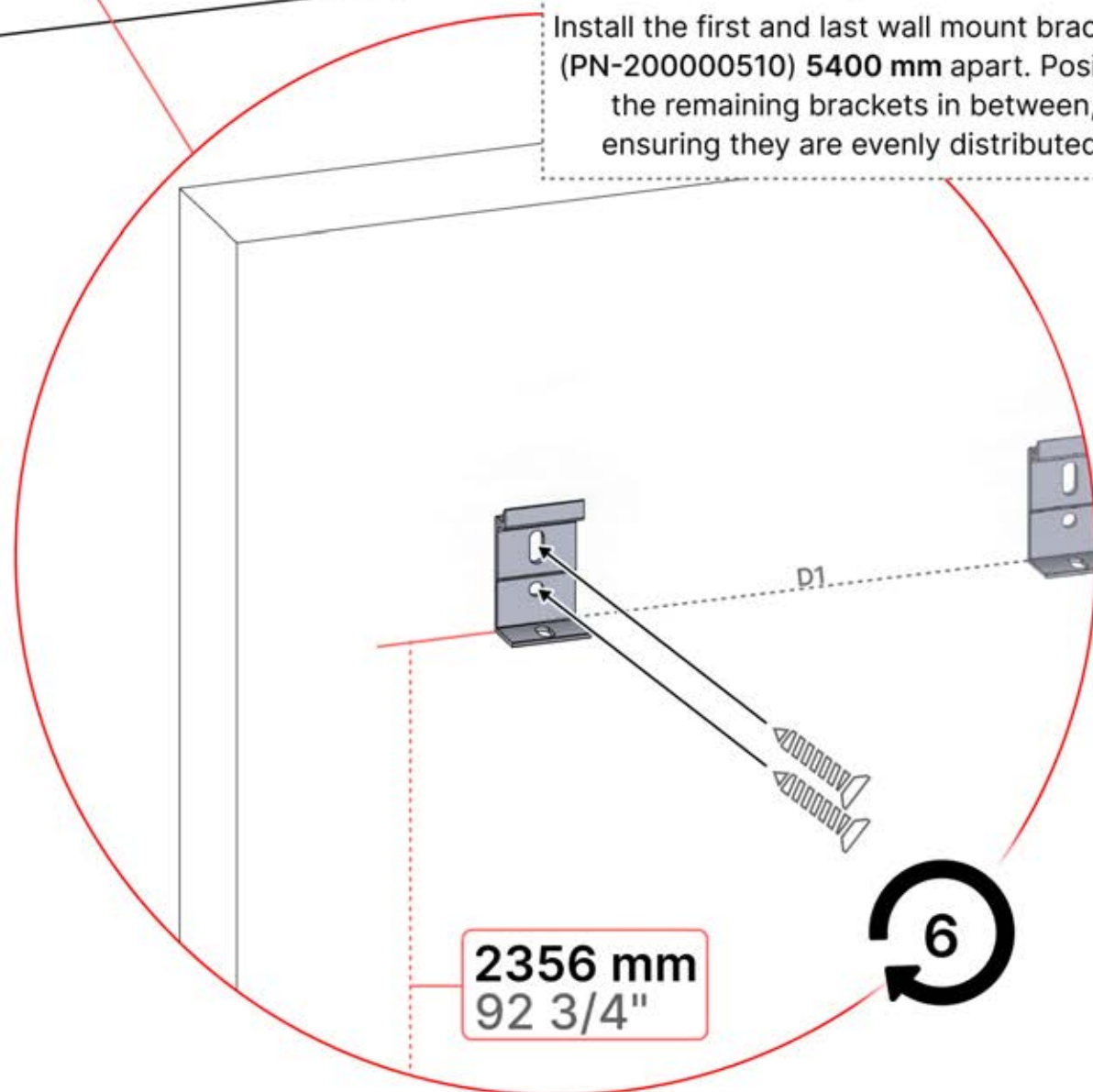


x12



Install the first and last wall mount brackets (PN-200000510) **5400 mm** apart. Position the remaining brackets in between, ensuring they are evenly distributed.

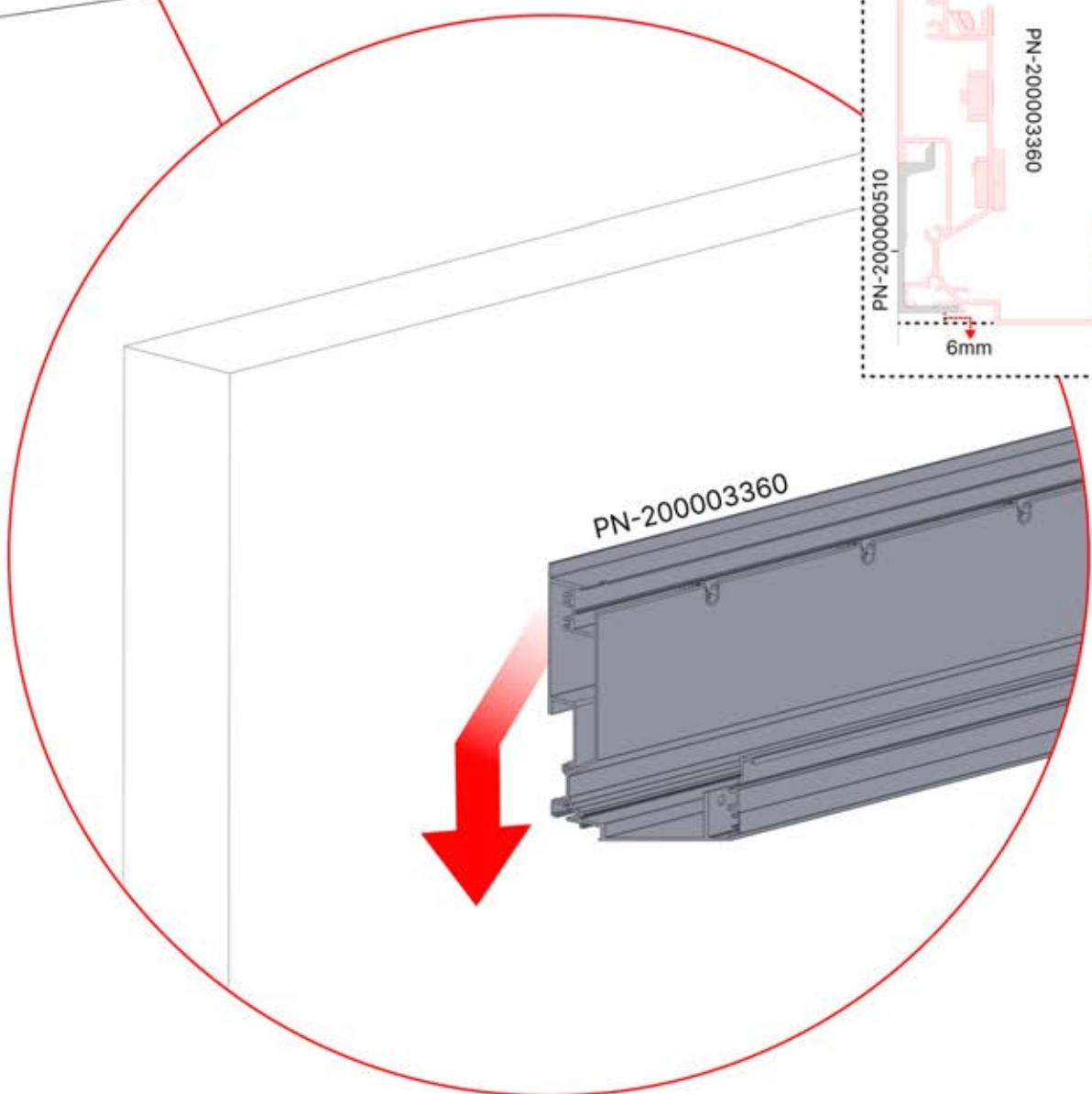
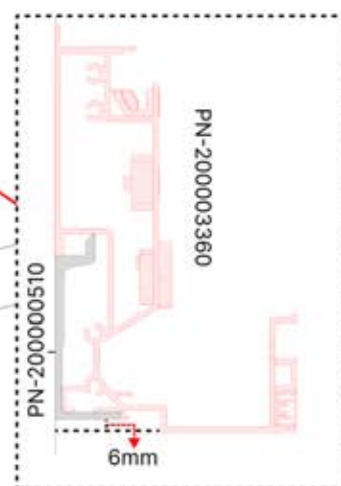
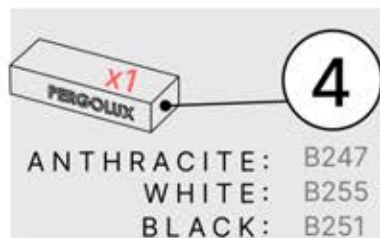
5400 mm



2356 mm
92 3/4"



04



05



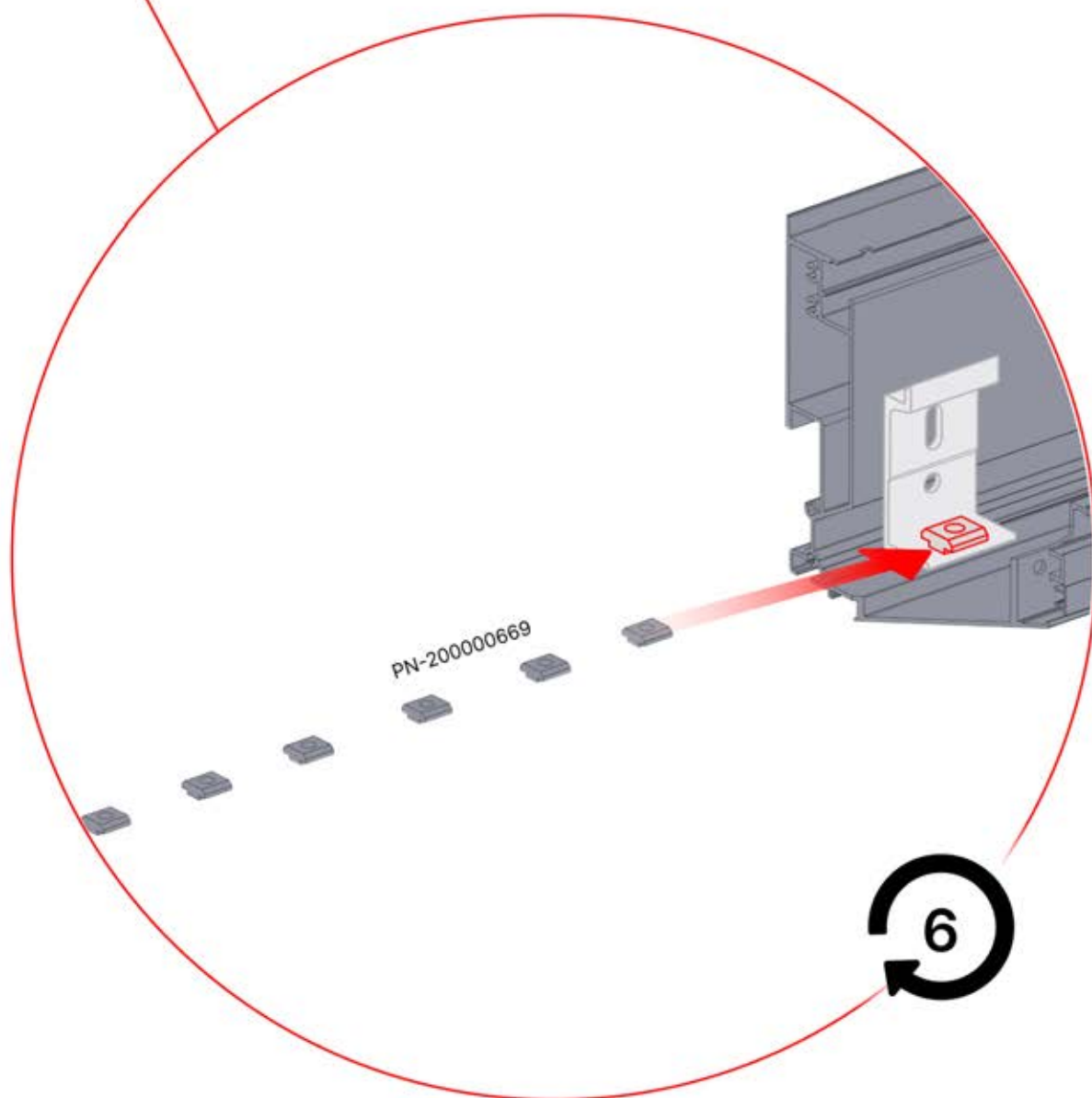
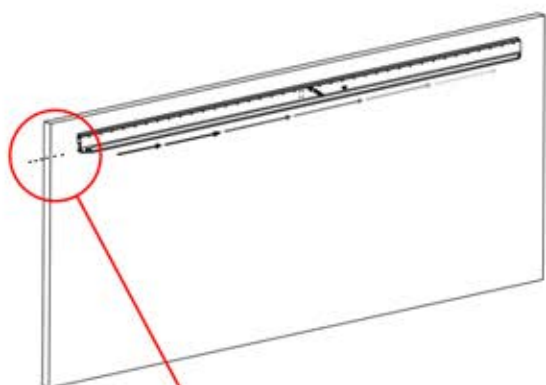
4

ANTHRACITE: B247
WHITE: B255
BLACK: B251

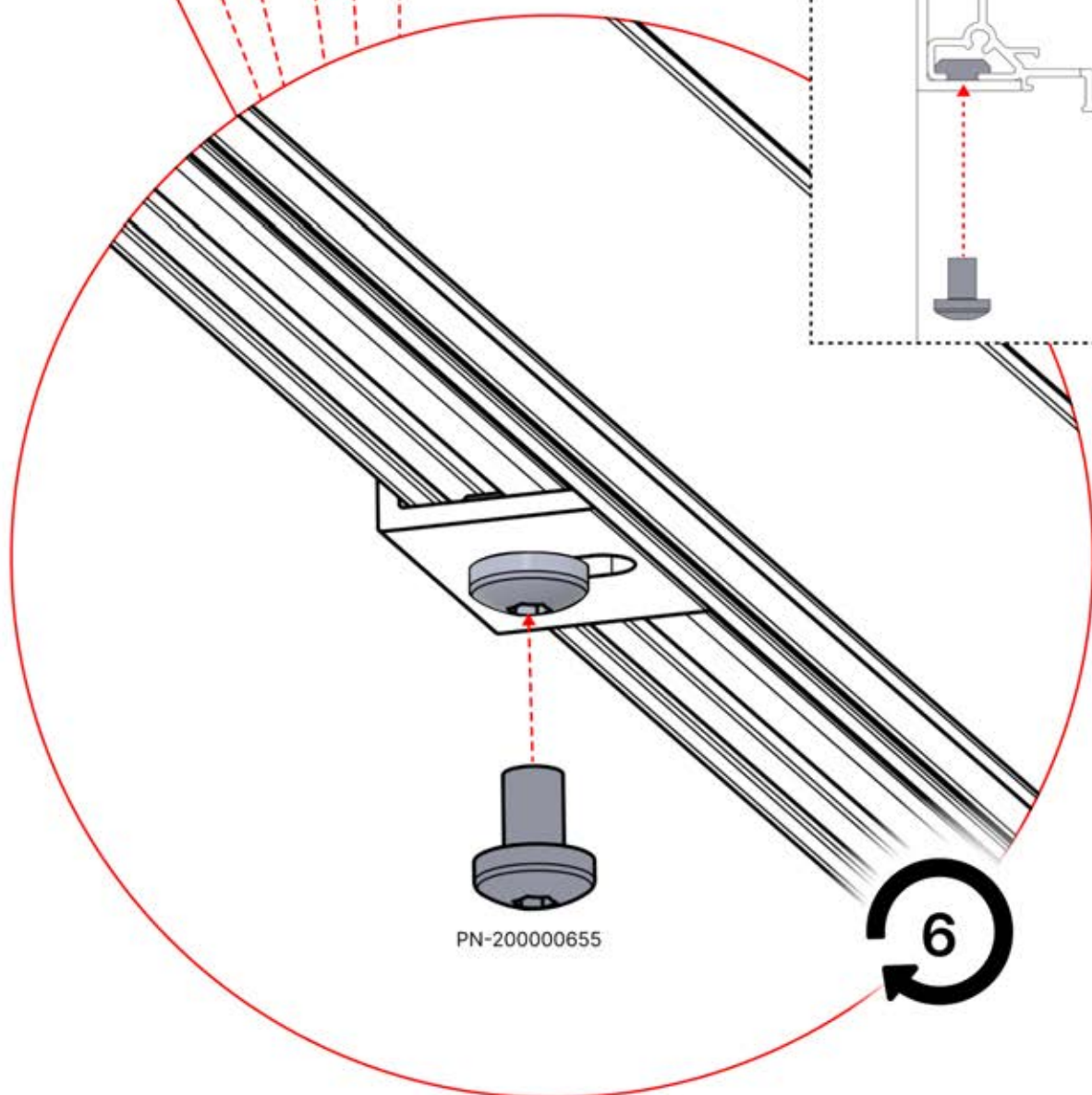
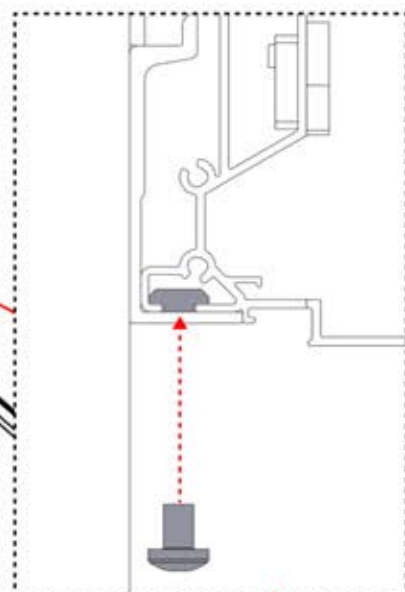
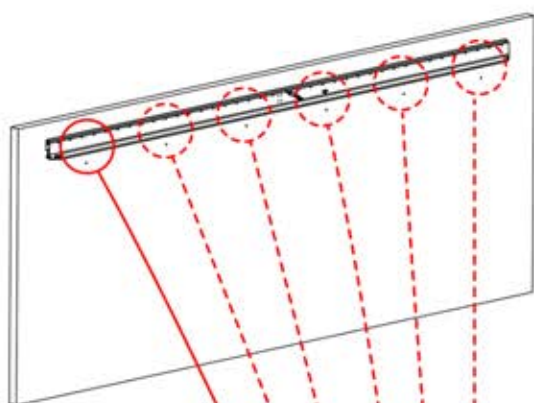
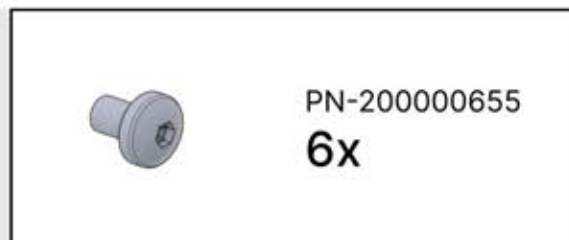
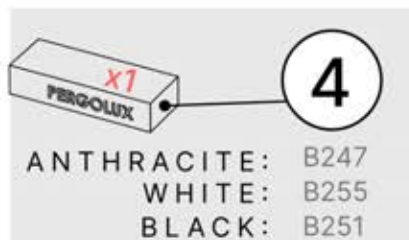


PN-200000669

6x



06



07


4

ANTHRACITE: B247
 WHITE: B255
 BLACK: B251


5

ANTHRACITE: B262
 WHITE: B266
 BLACK: B264



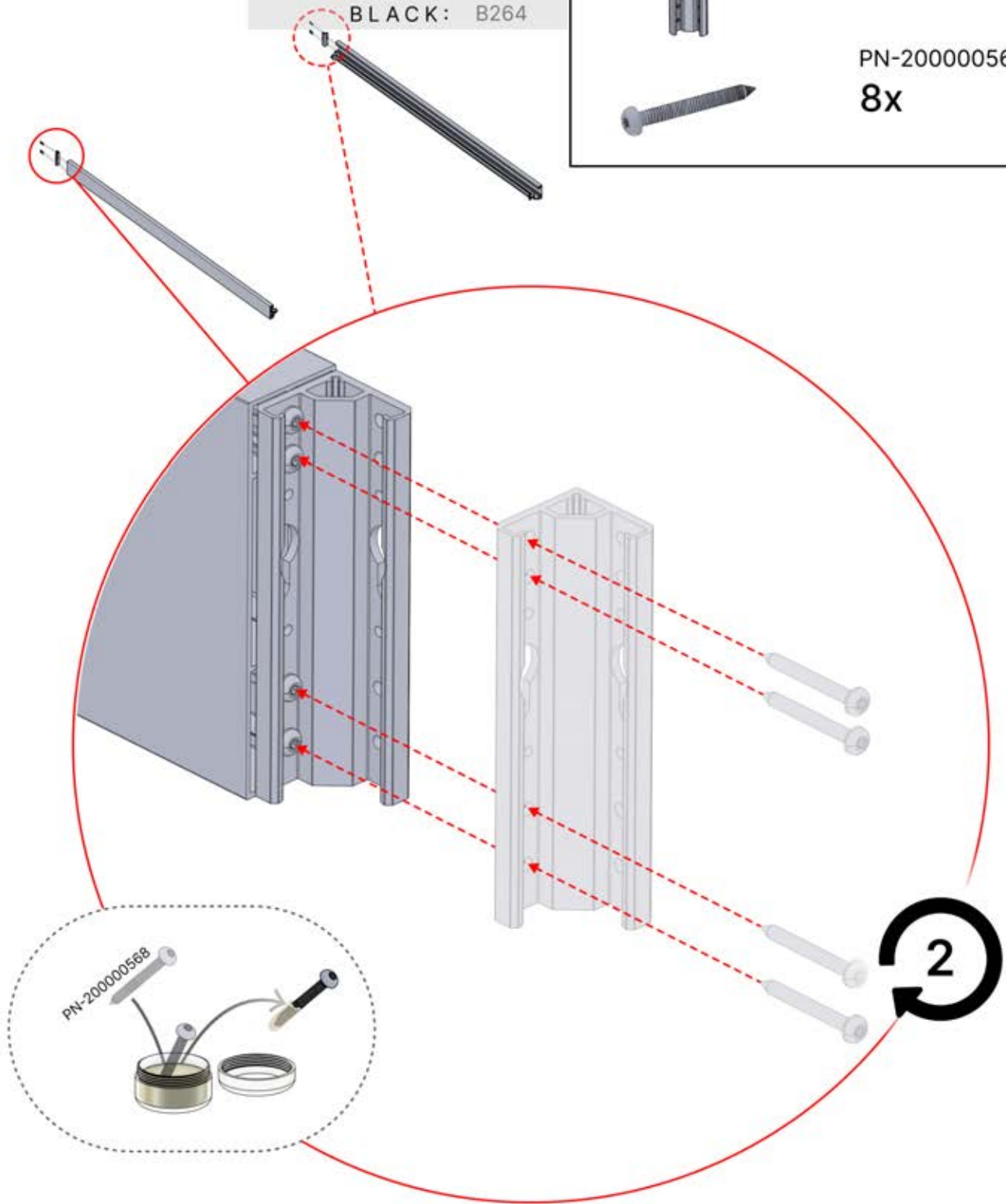
 PN-200003357
1x



 PN-200003394
1x


 PN-200003308
2x


 PN-200000568
8x



08



5

ANTHRACITE: B262
WHITE: B266
BLACK: B264



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



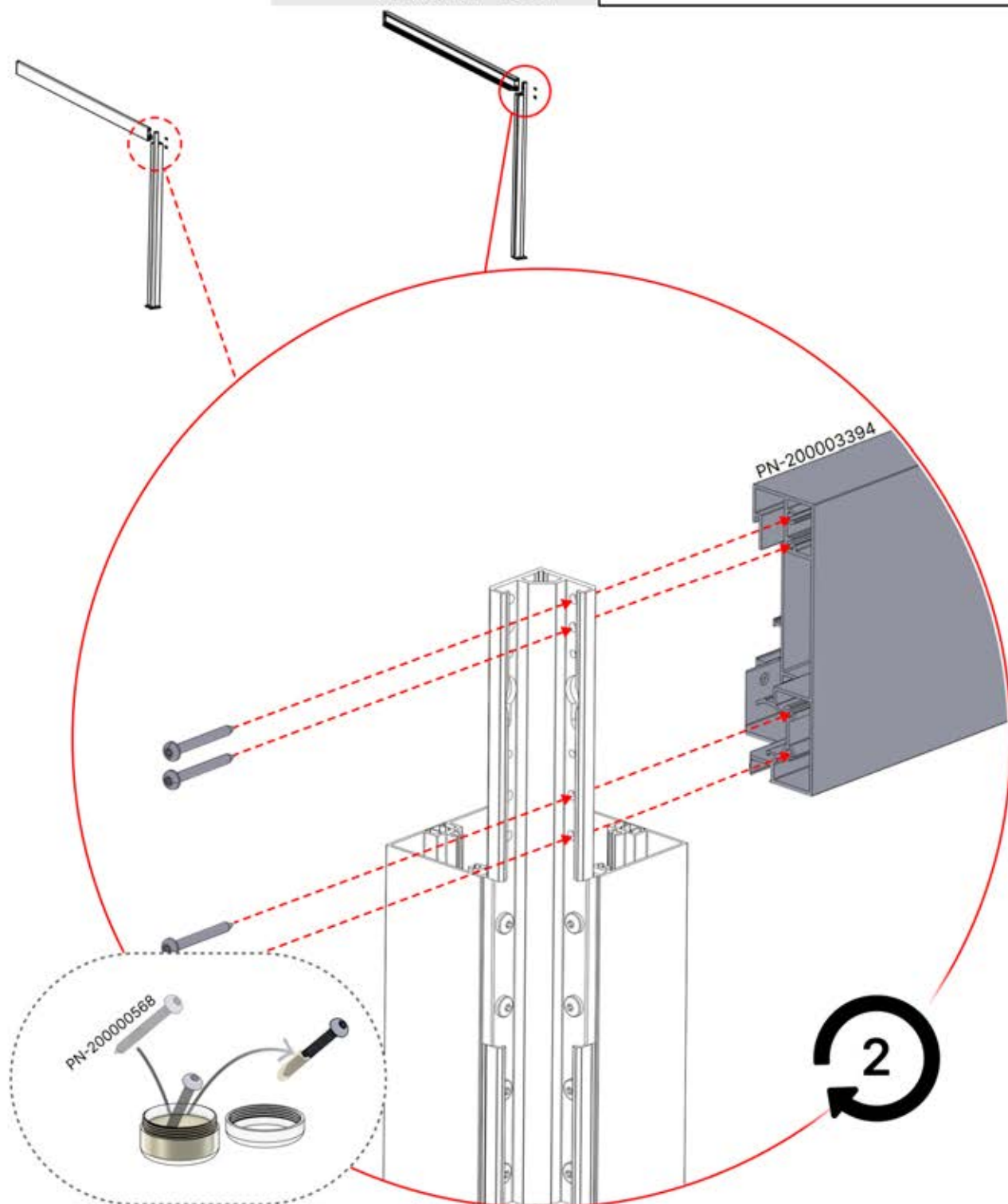
PN-200003357
1x



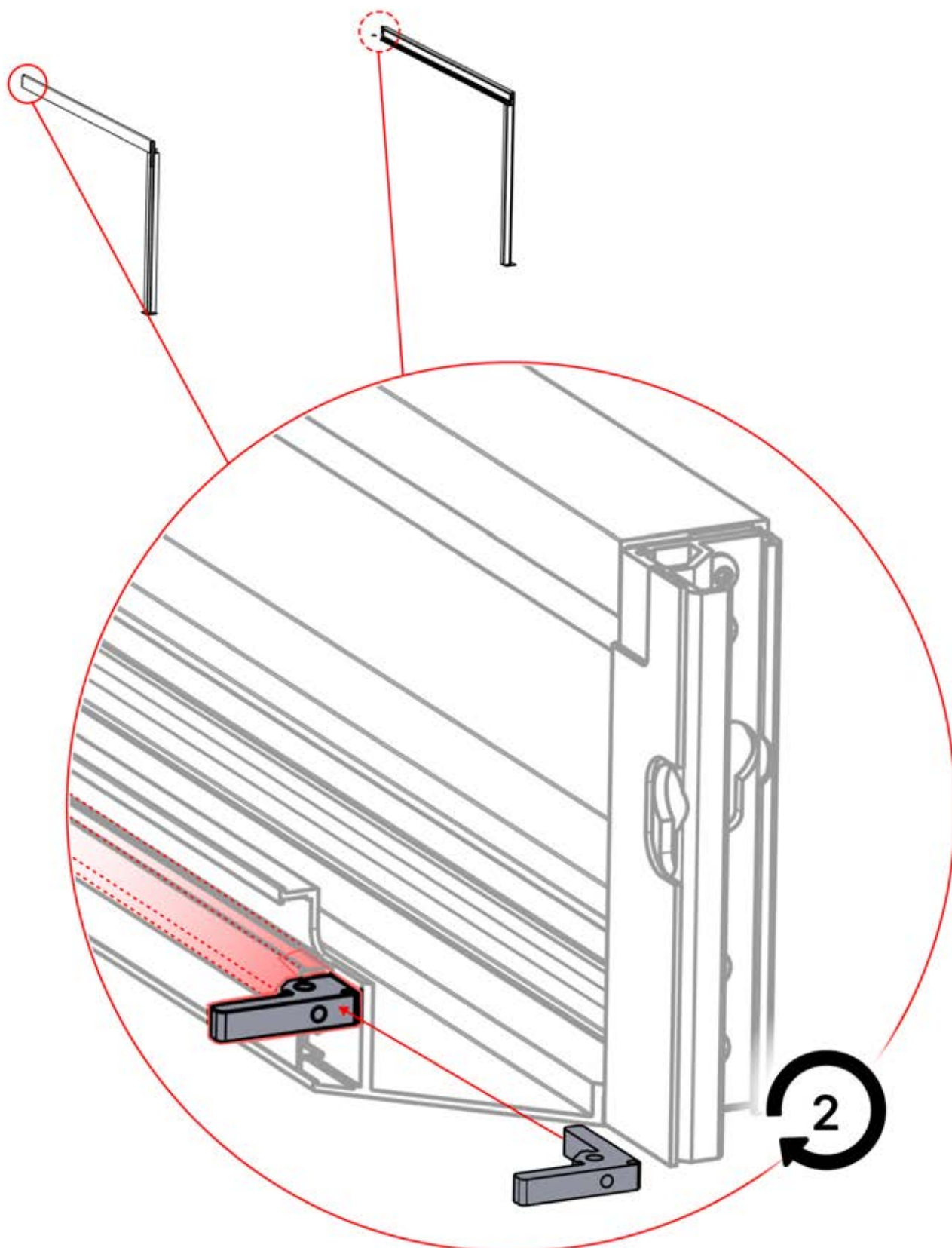
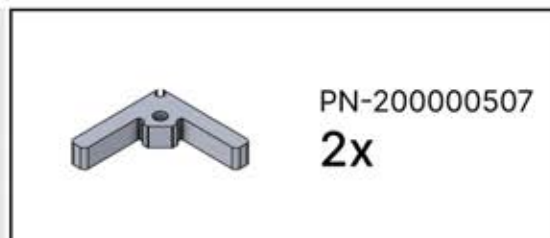
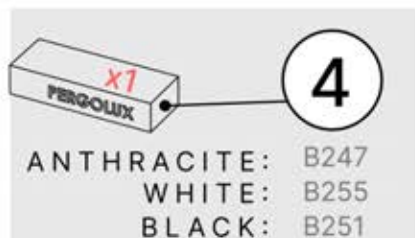
PN-200003394
1x



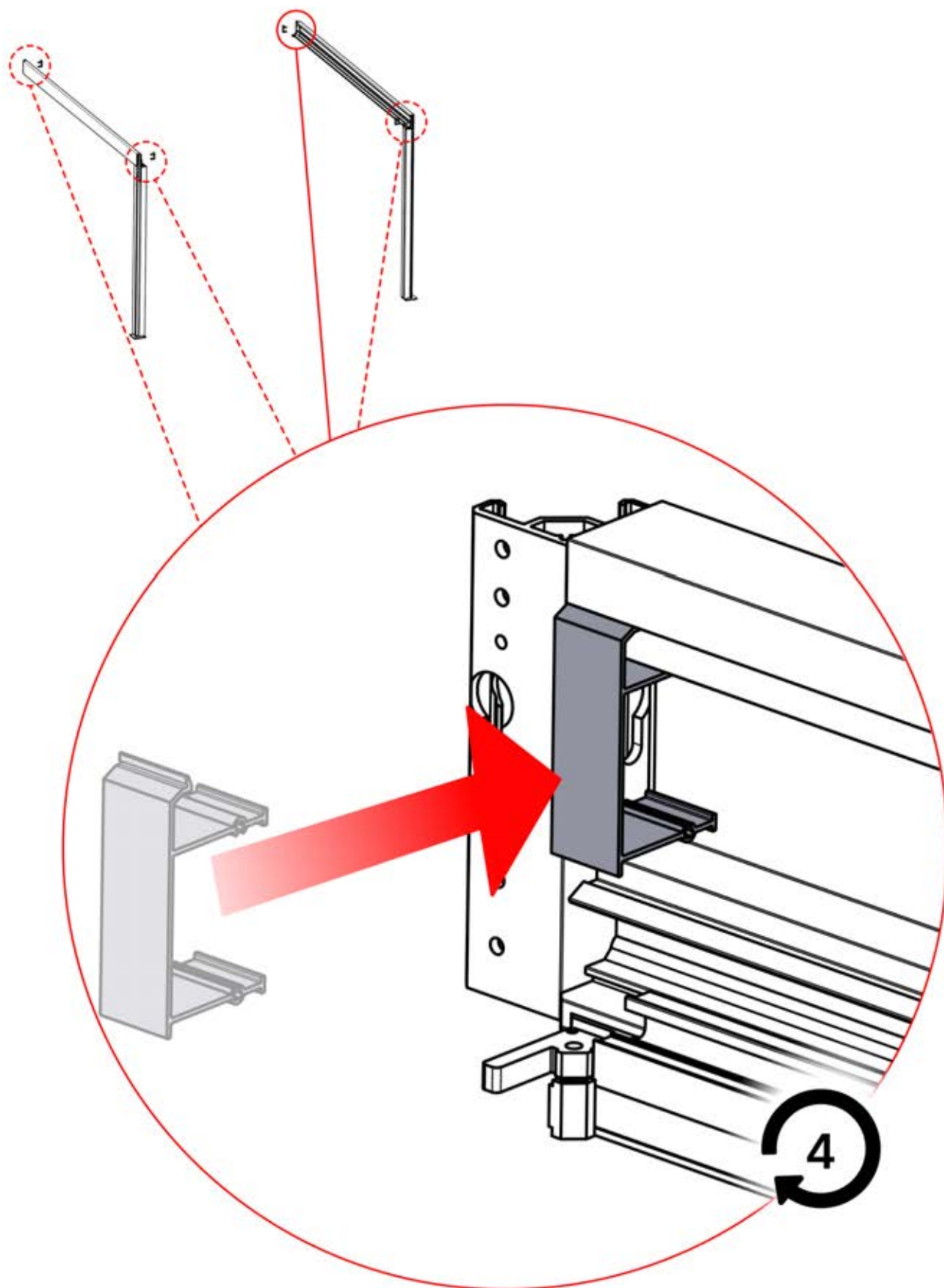
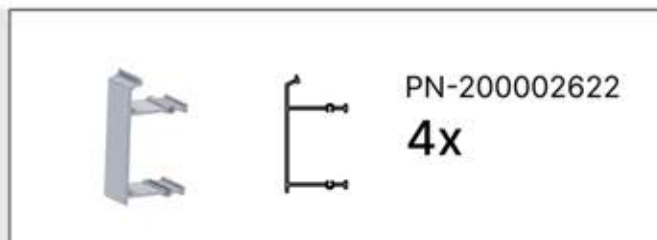
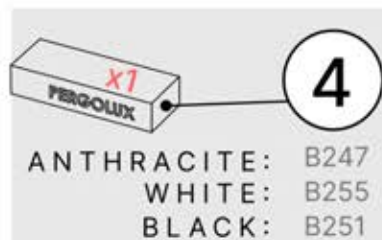
PN-200000568
8x



09



10



11



x1

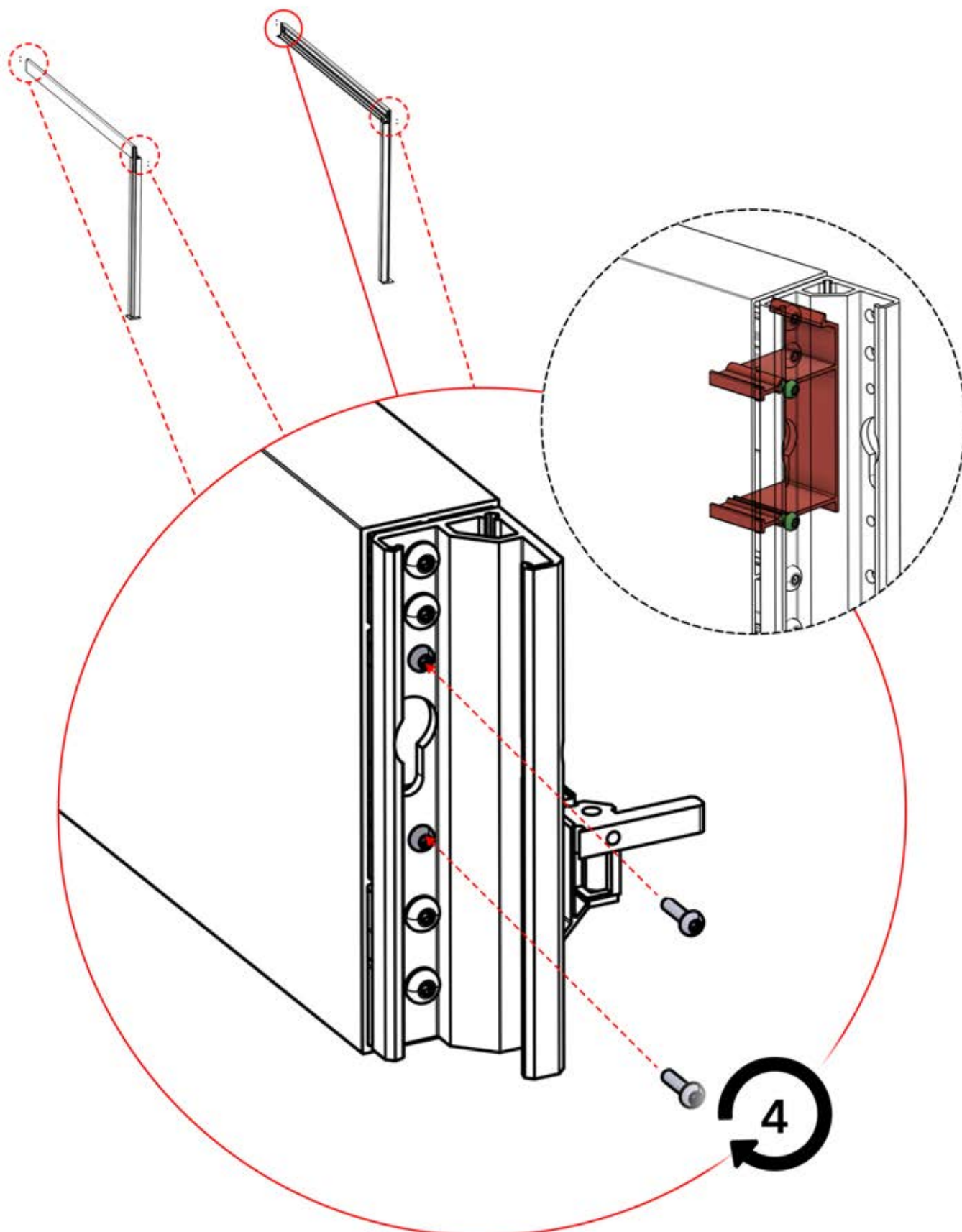
4

ANTHRACITE: B247
WHITE: B255
BLACK: B251

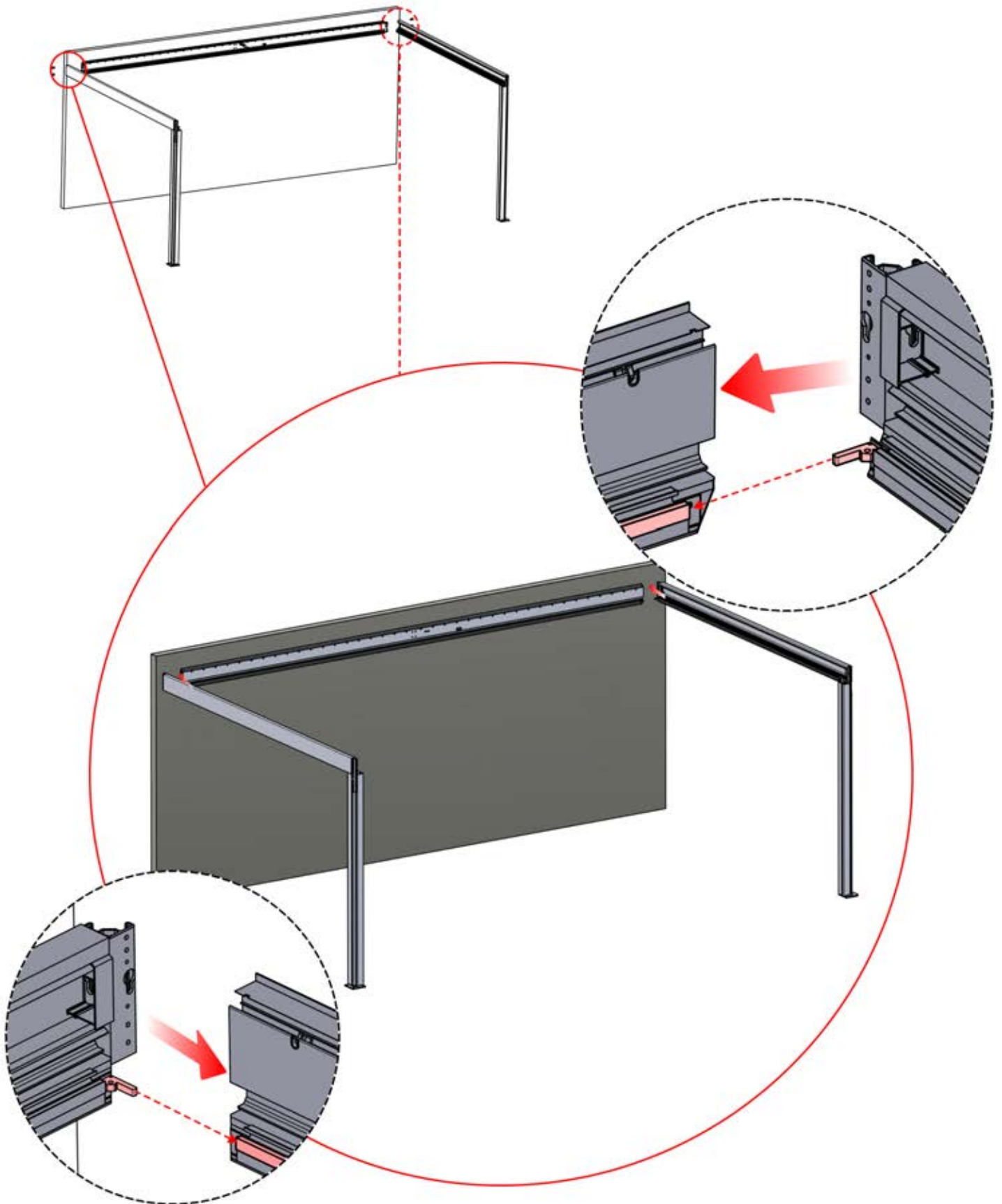


4.2X20

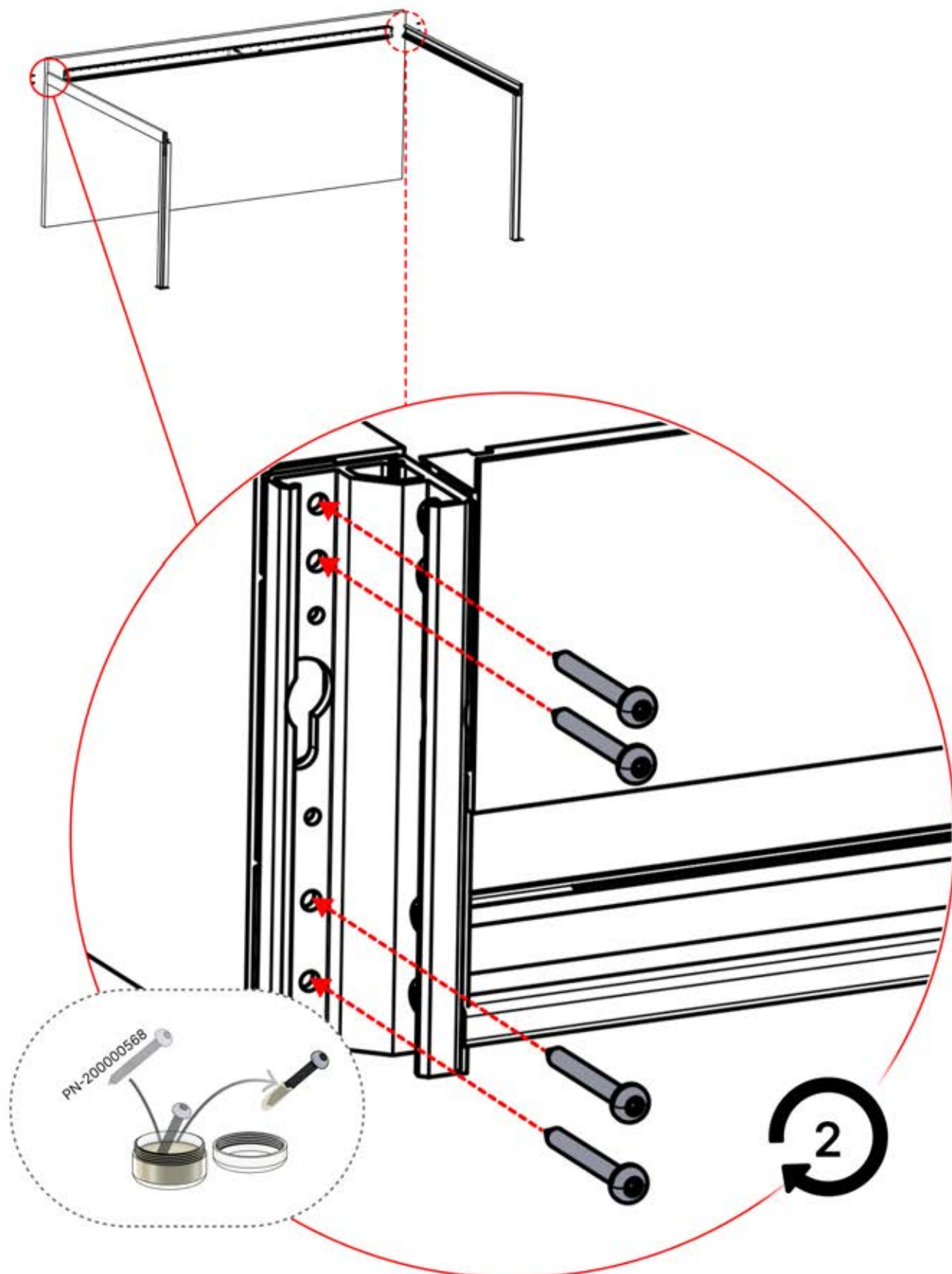
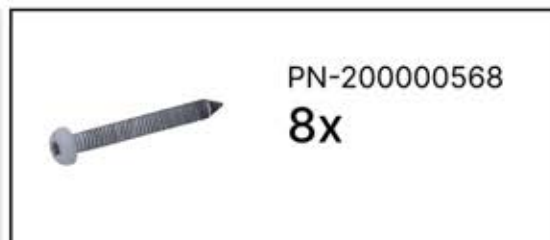
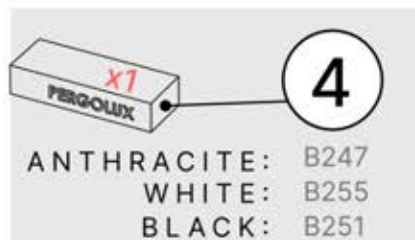
PN-200000680
8x



12



13



14

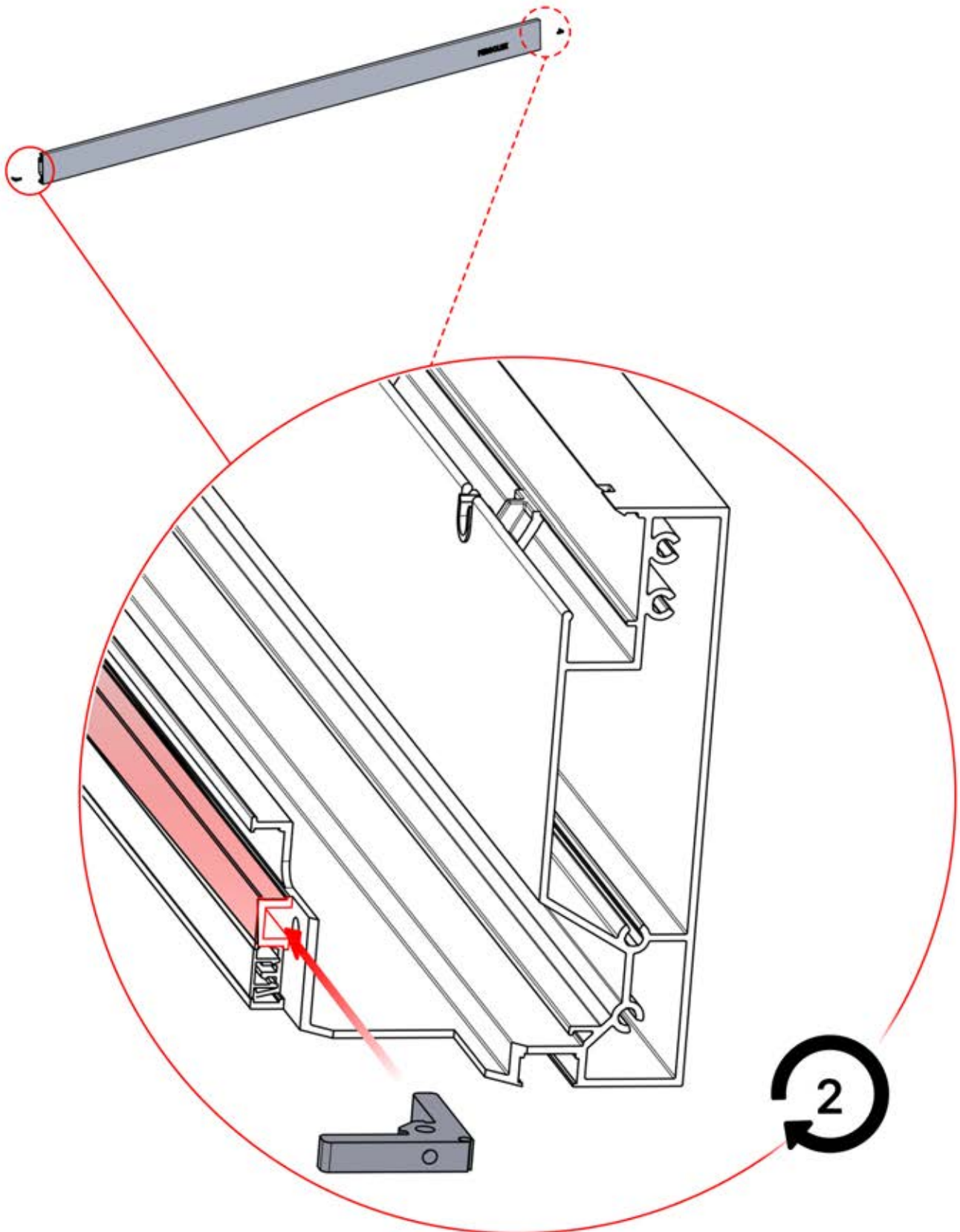


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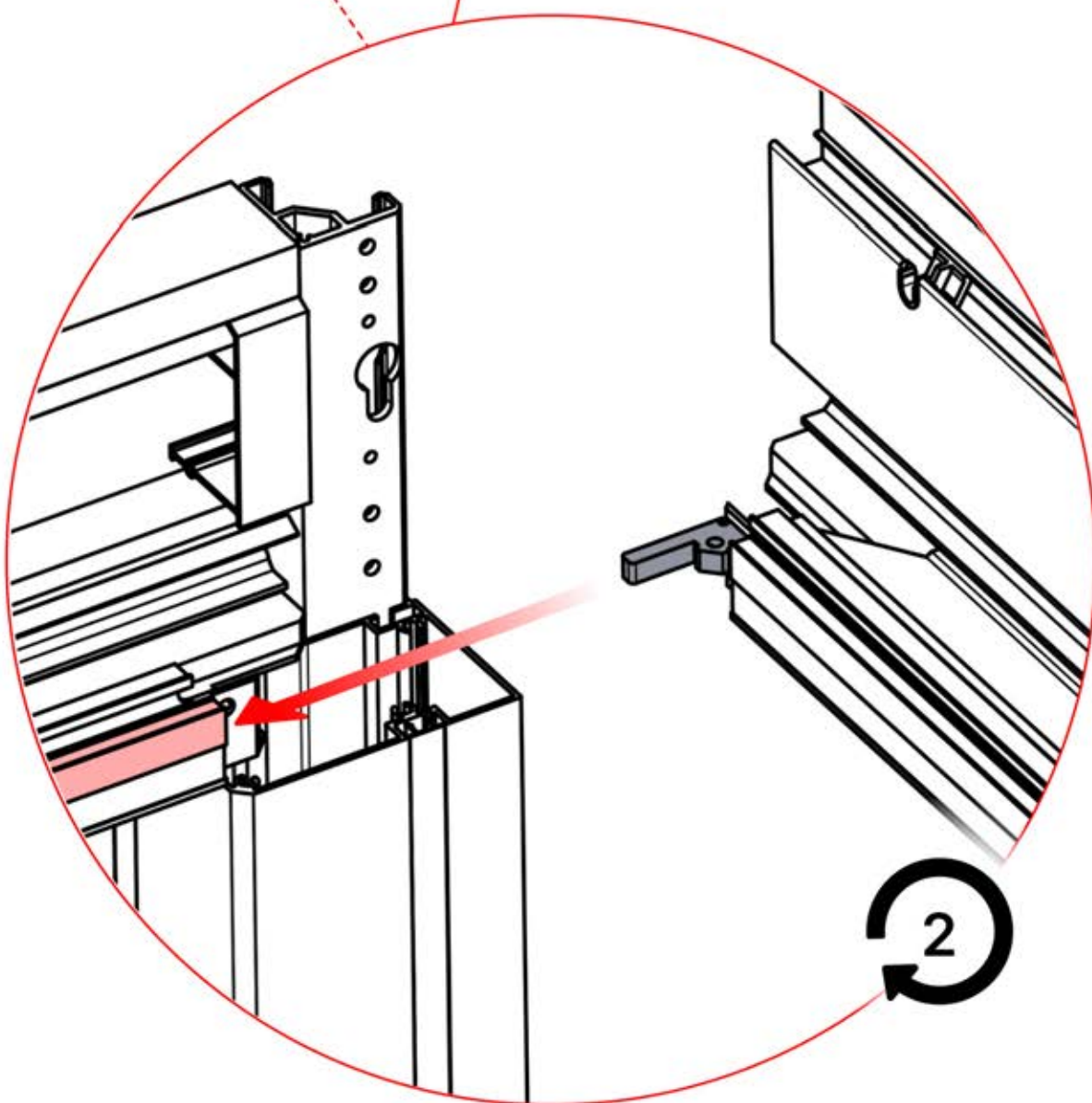
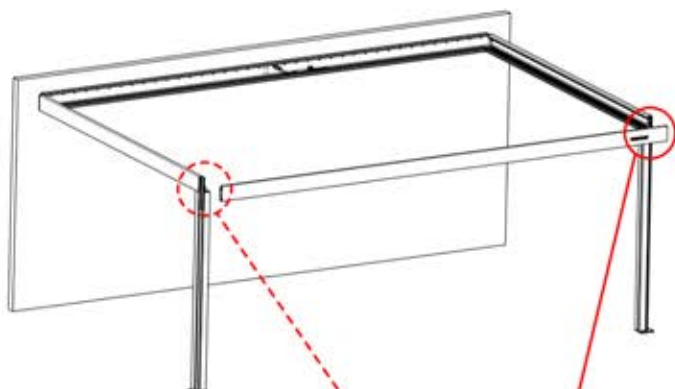
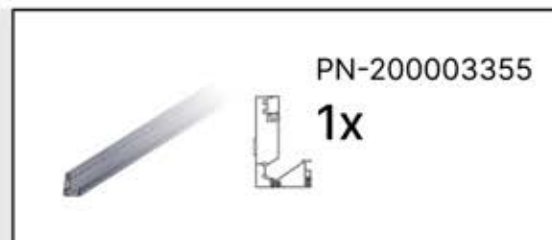
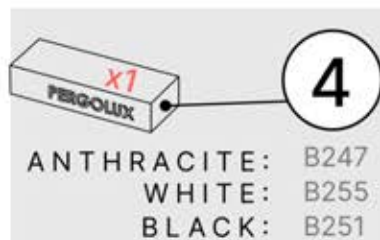
ANTHRACITE: B247
WHITE: B255
BLACK: B251



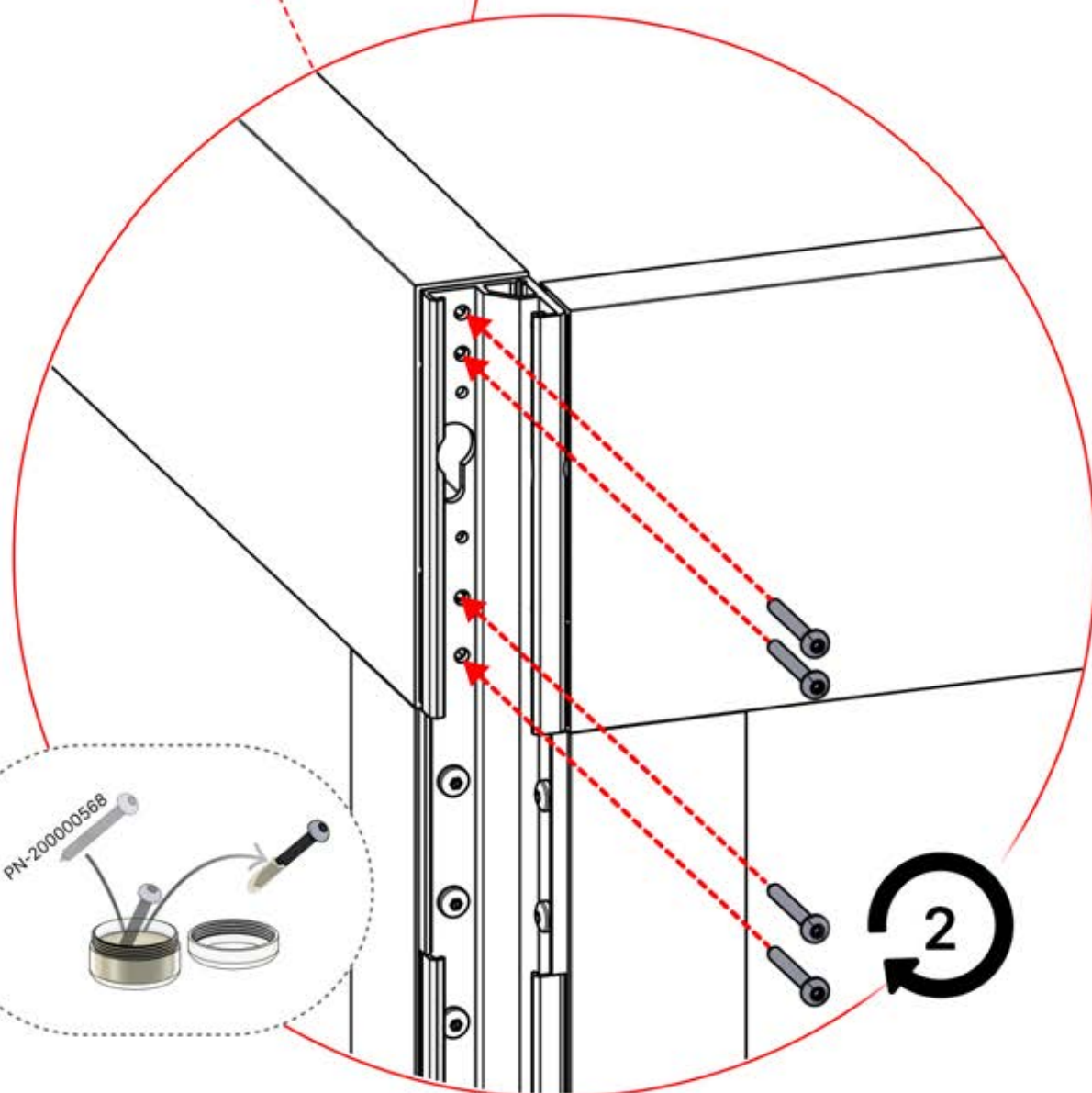
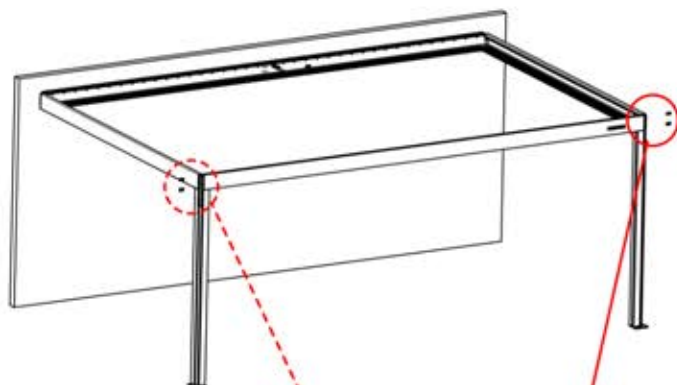
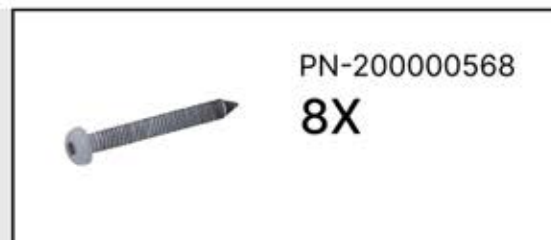
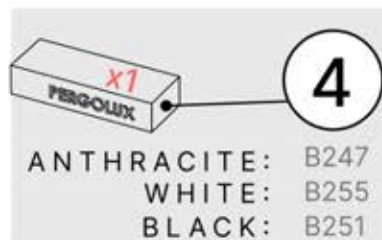
PN-200000507
2x



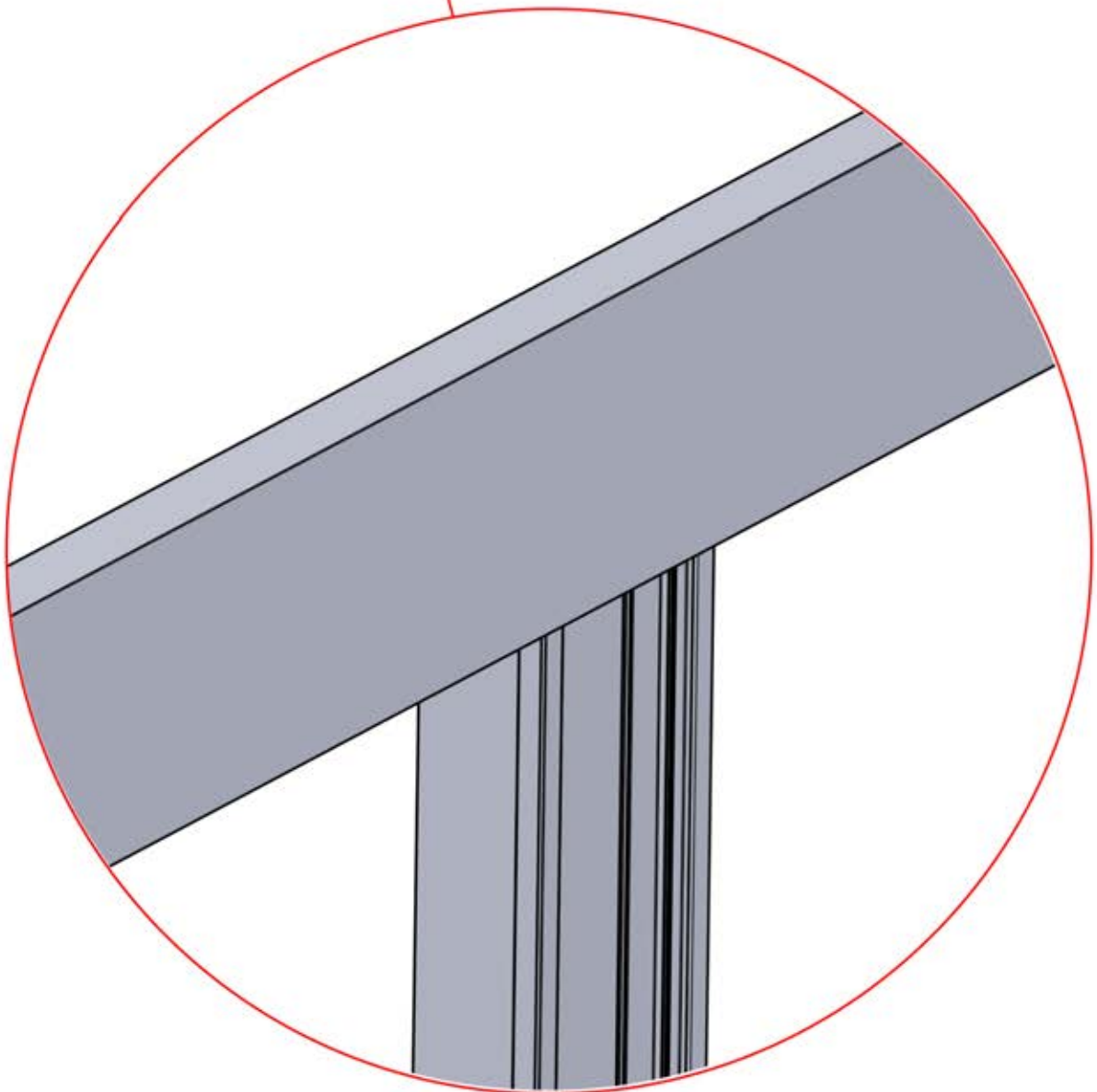
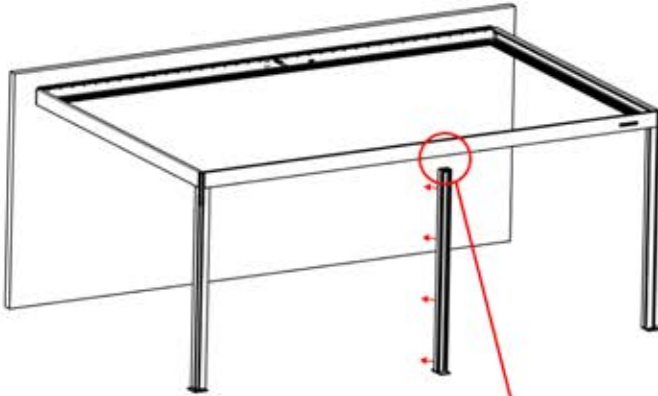
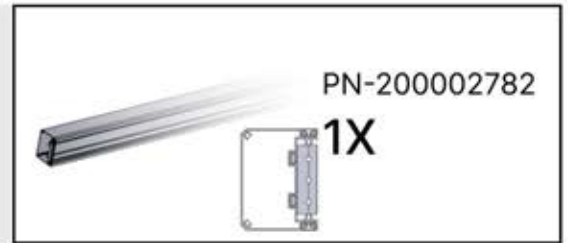
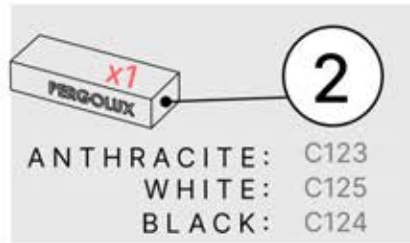
15



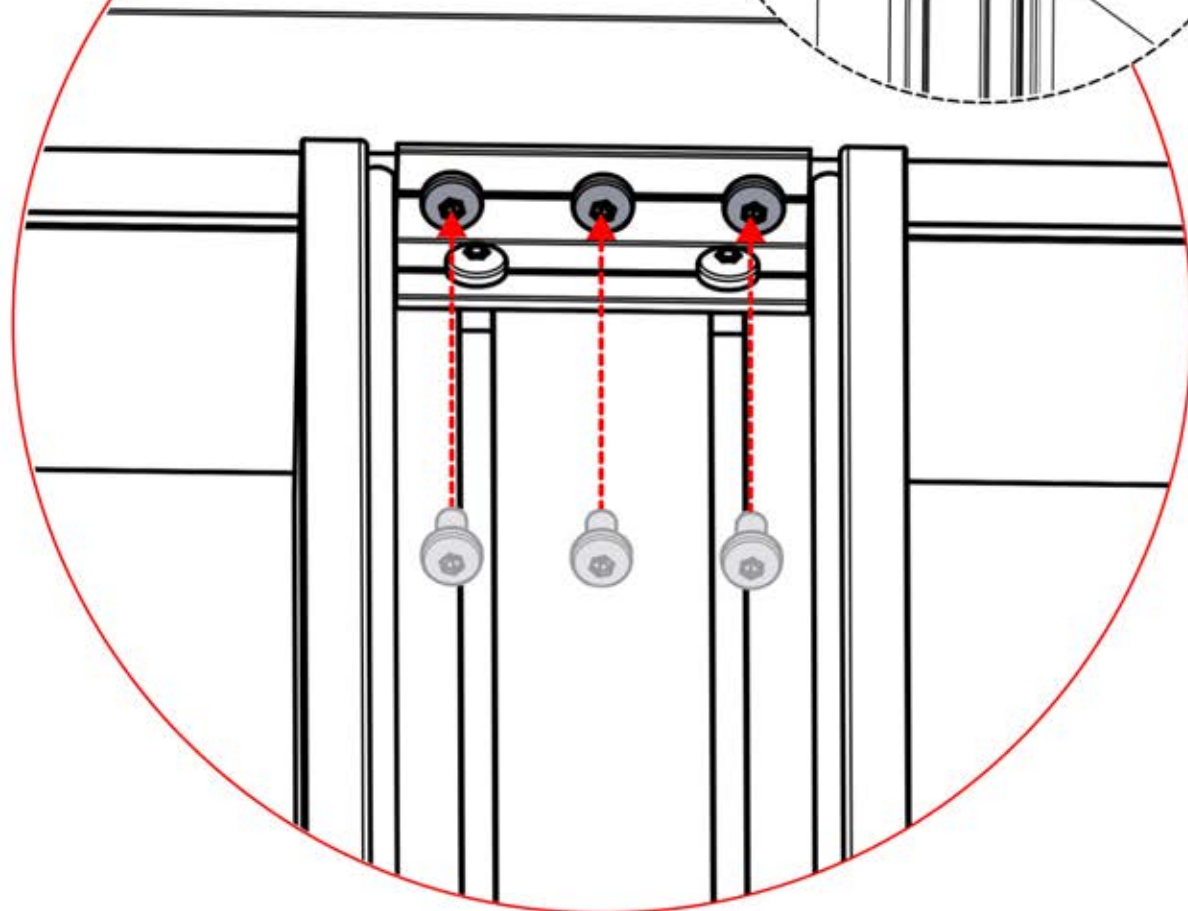
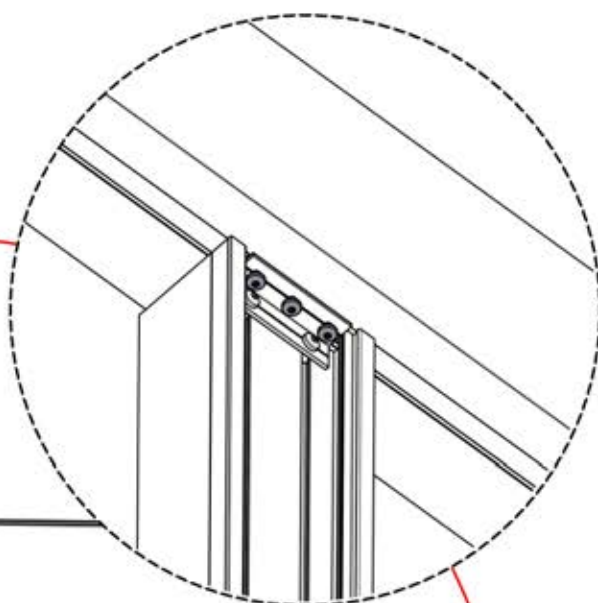
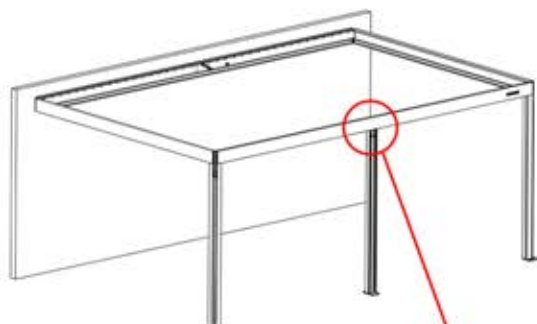
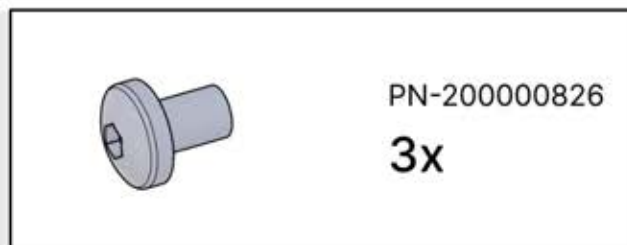
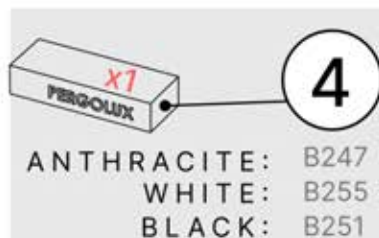
16



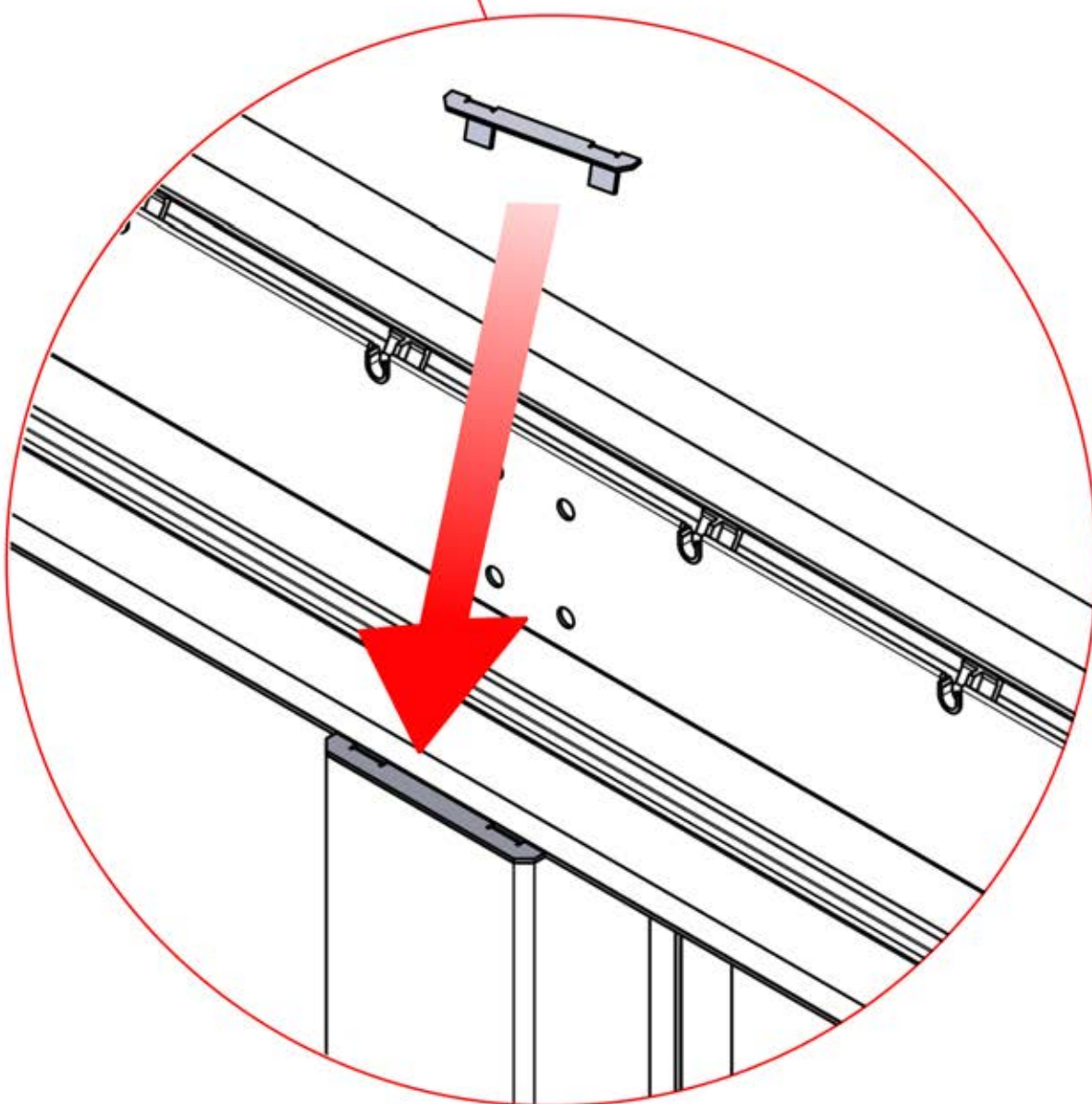
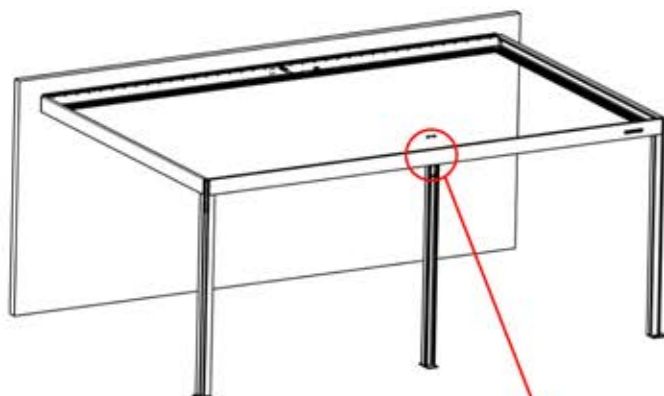
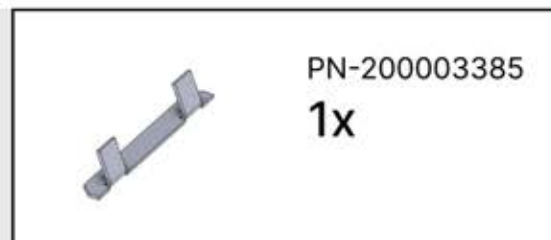
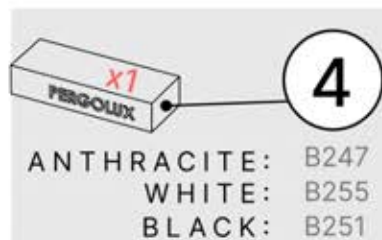
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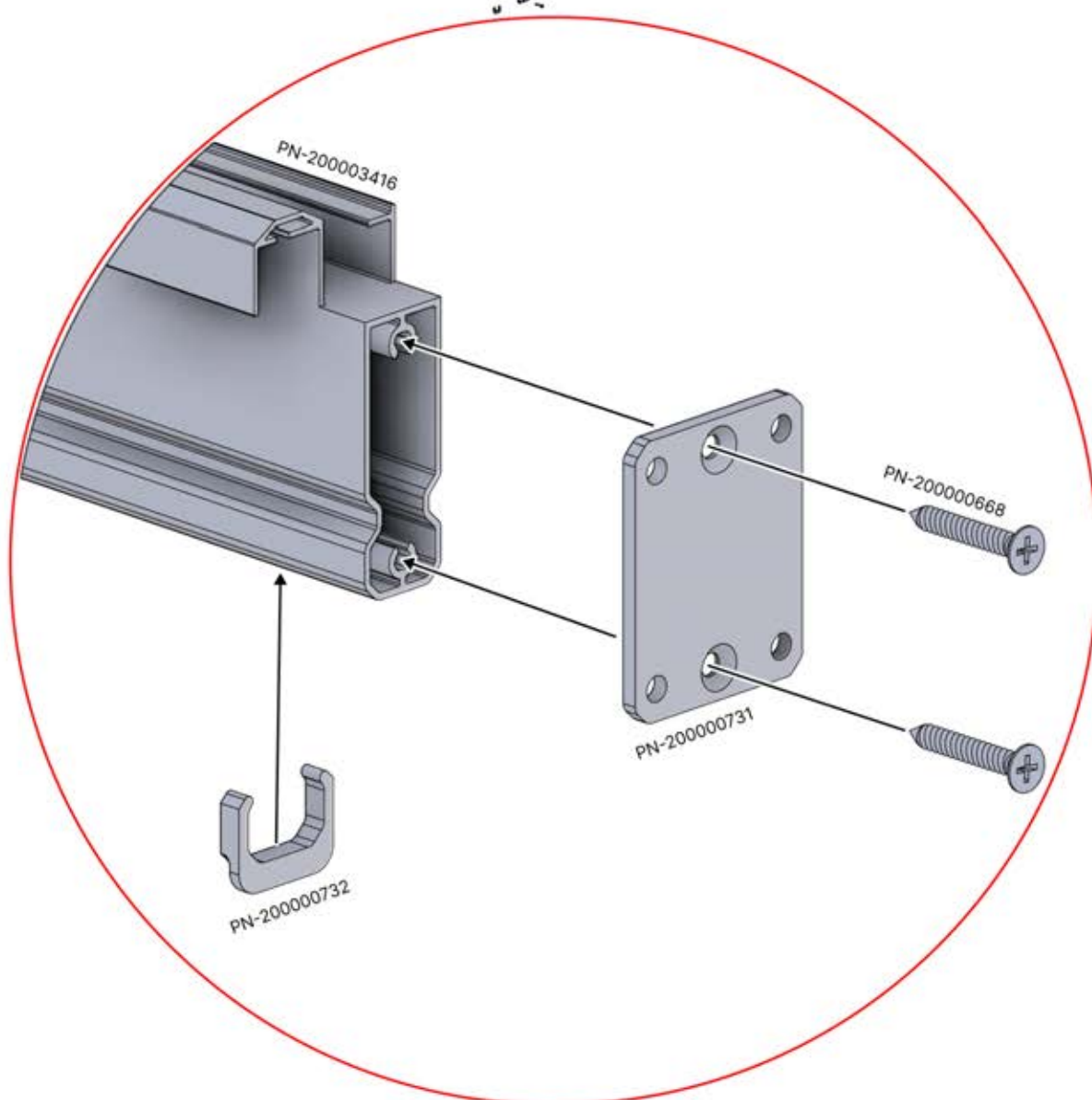
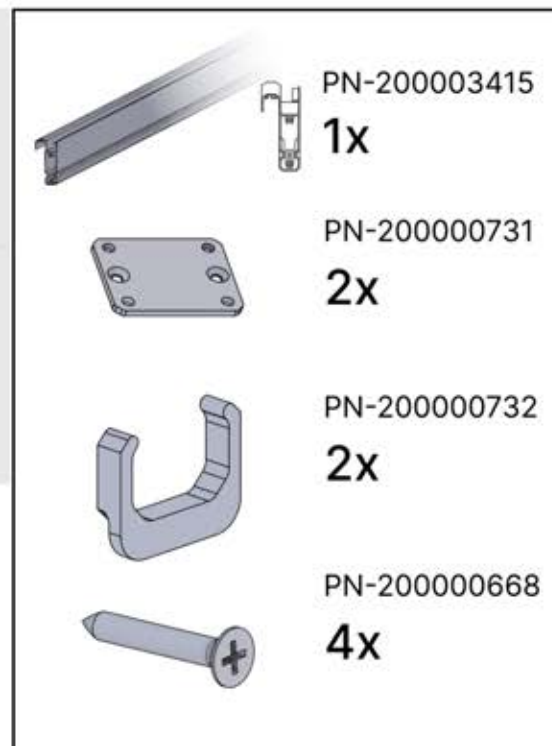
18



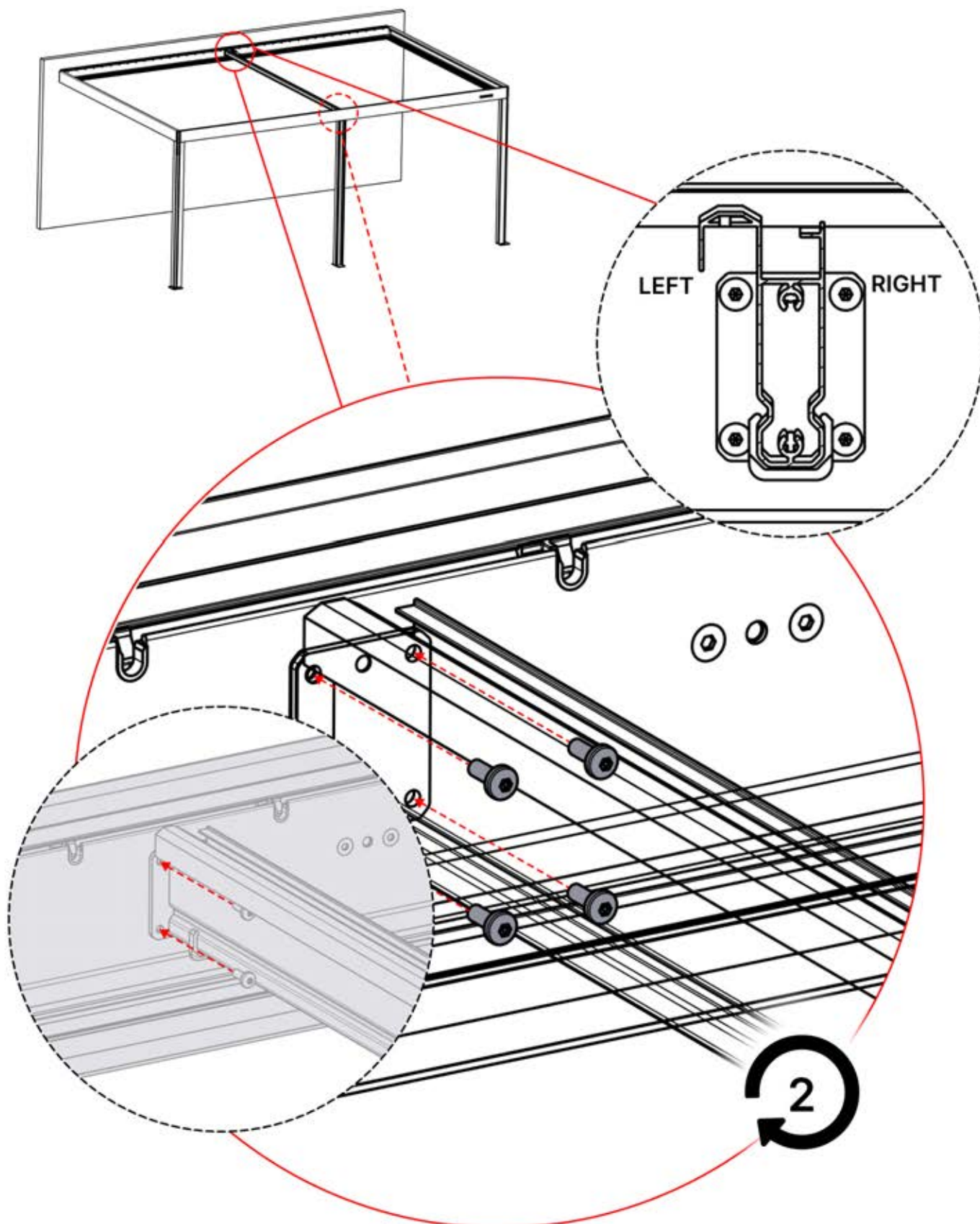
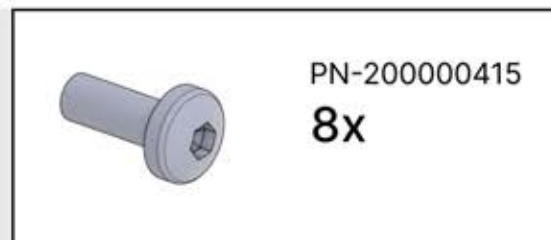
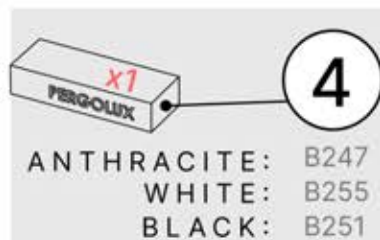
19



20



21



22



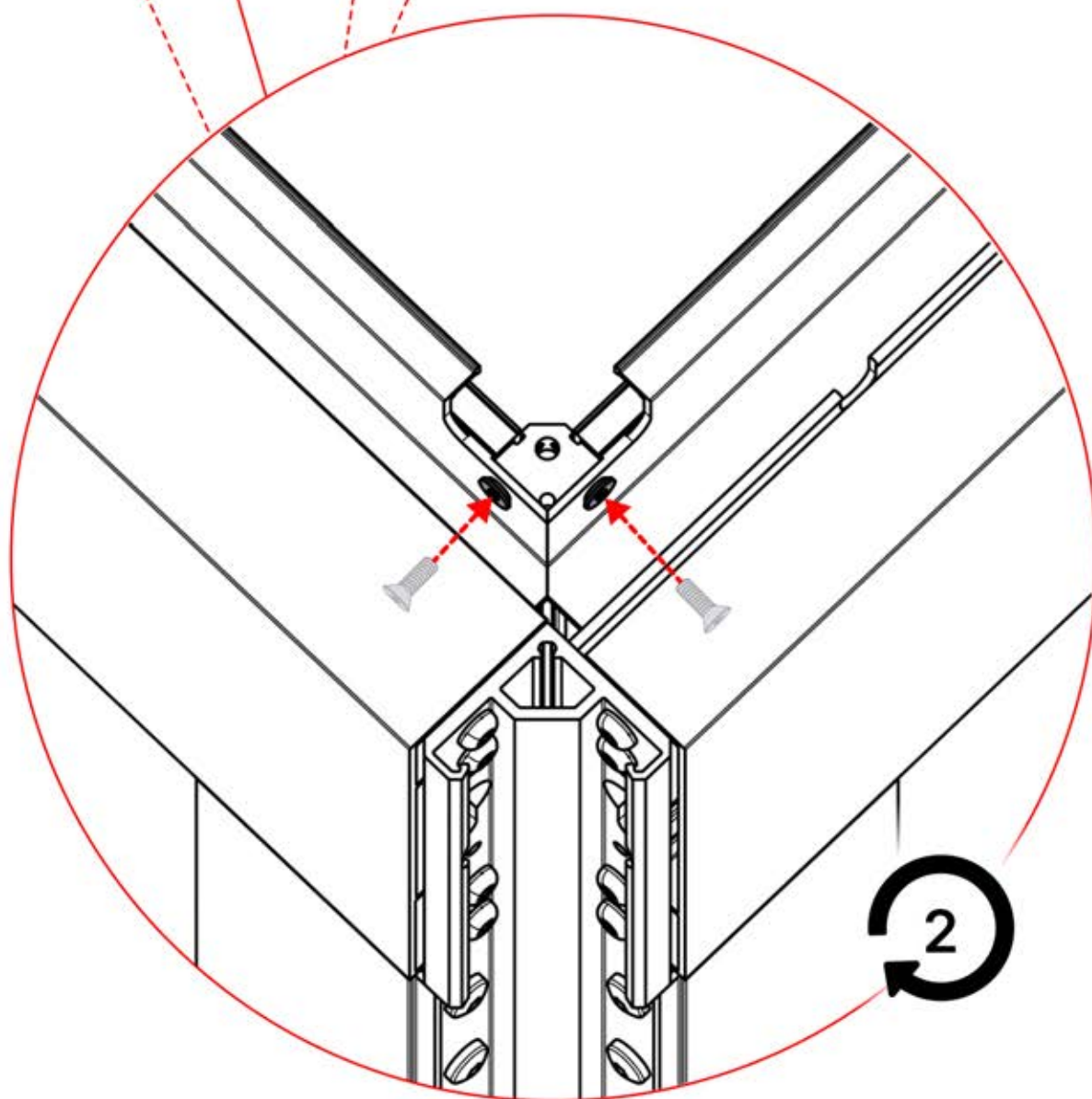
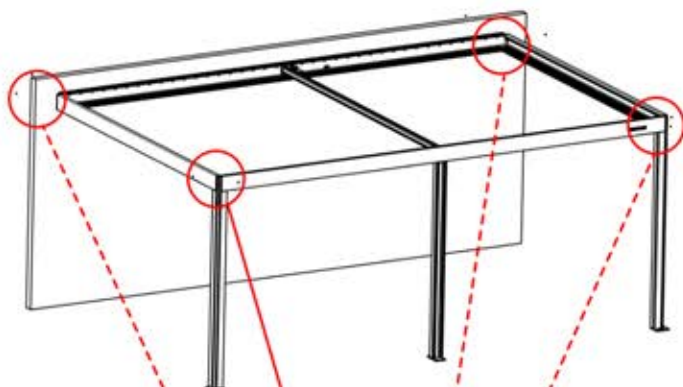
4

ANTHRACITE: B247
WHITE: B255
BLACK: B251

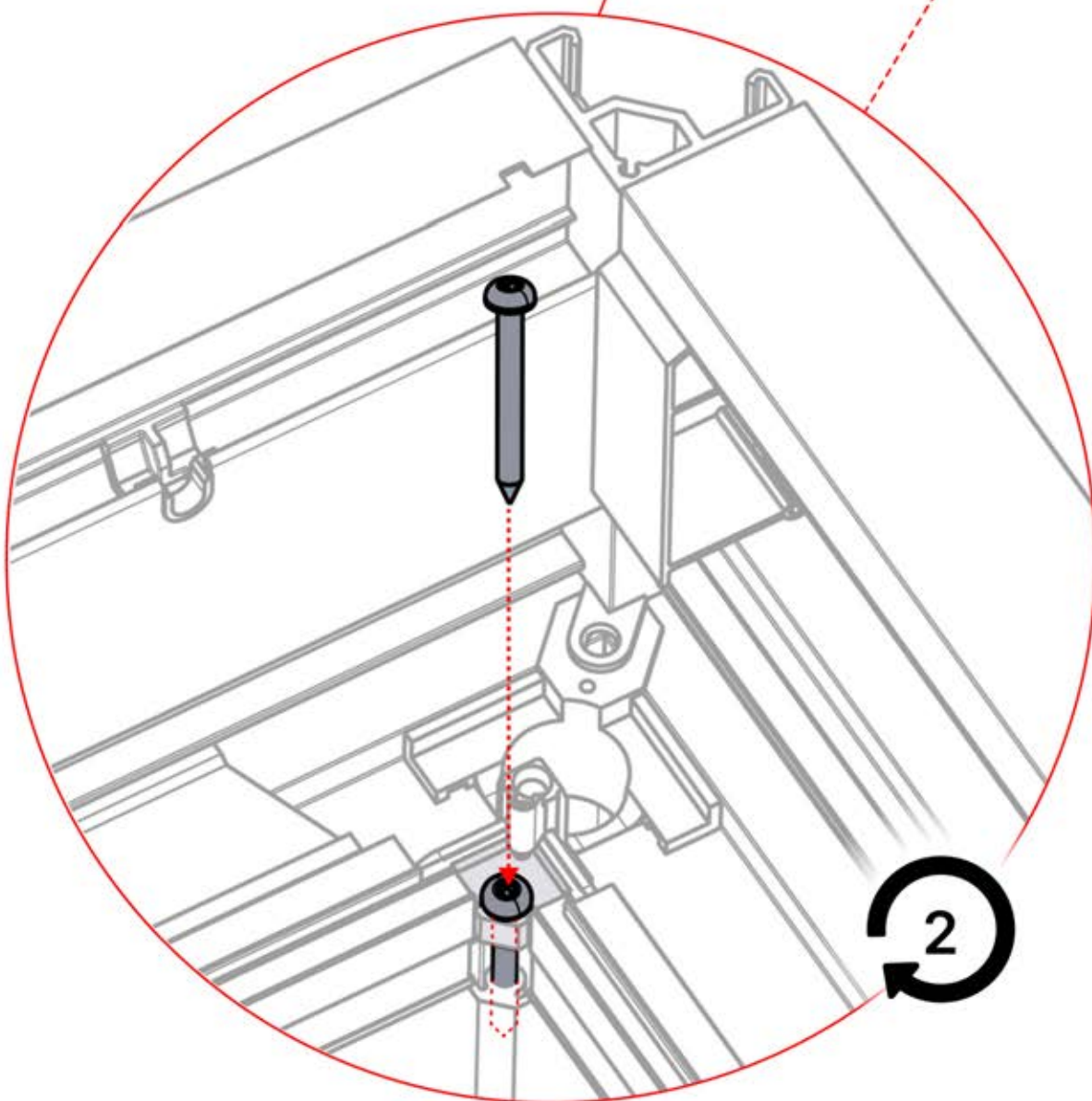
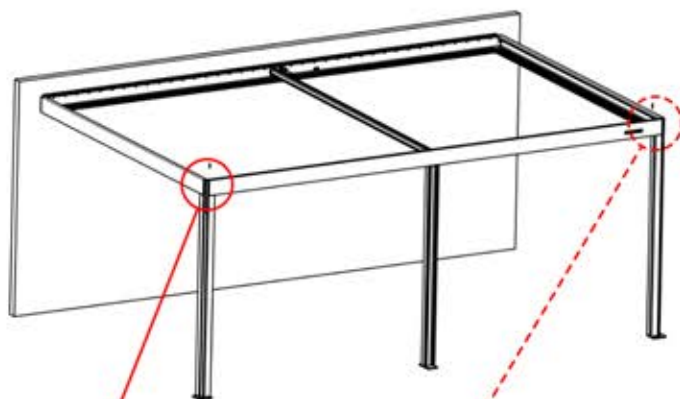


PN-200000569

8x



23



24



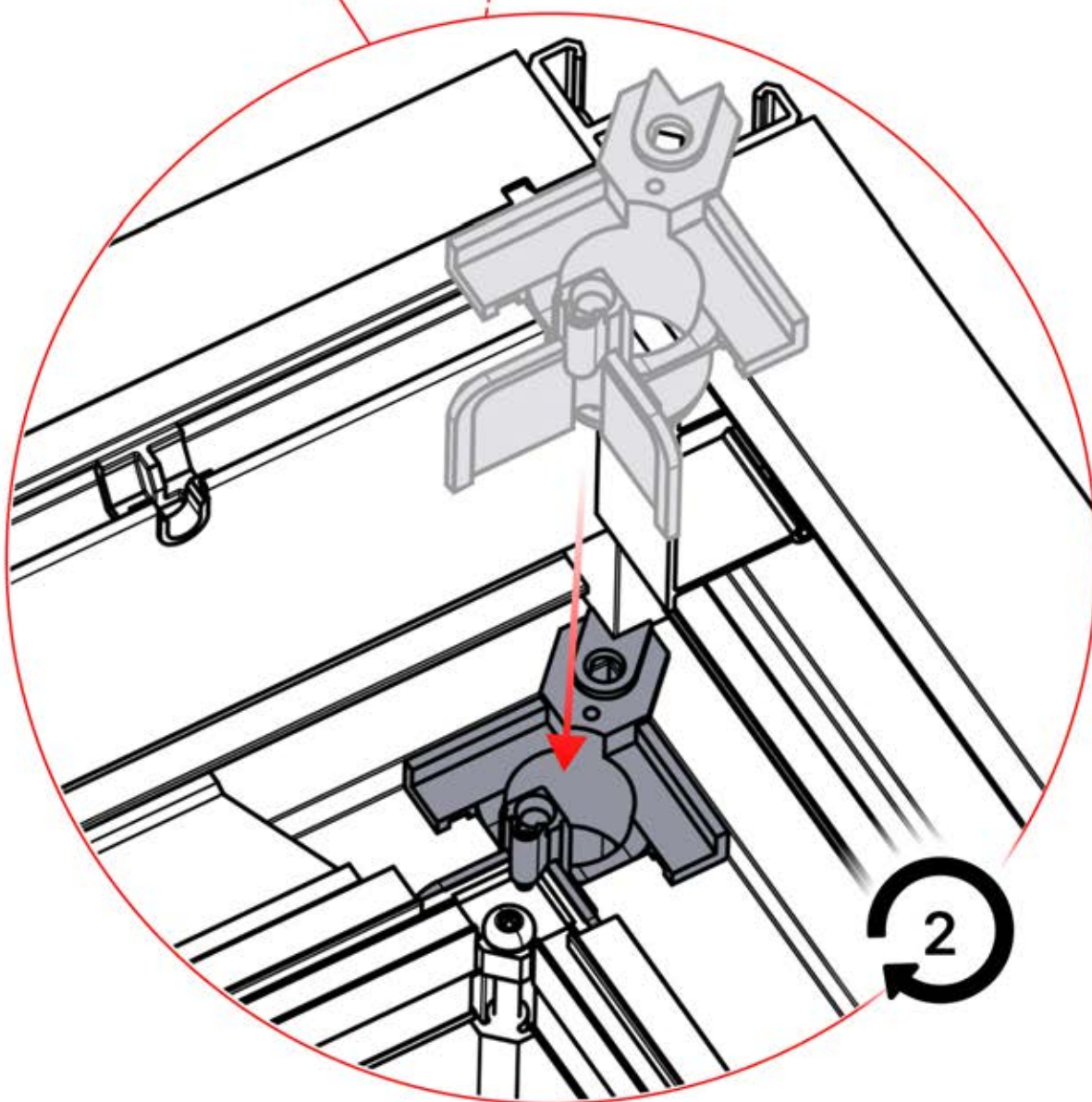
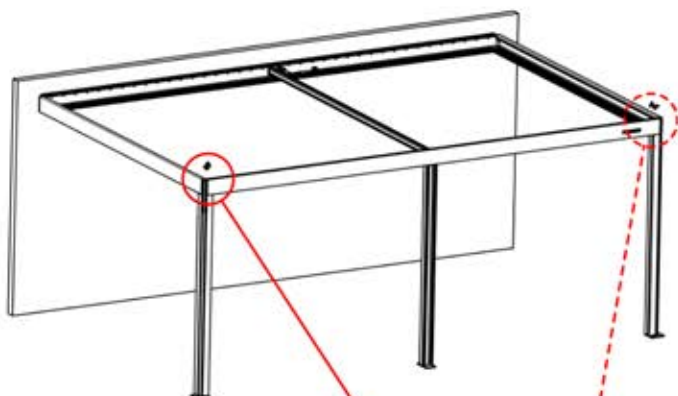
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ANTHRACITE: B247
WHITE: B255
BLACK: B251

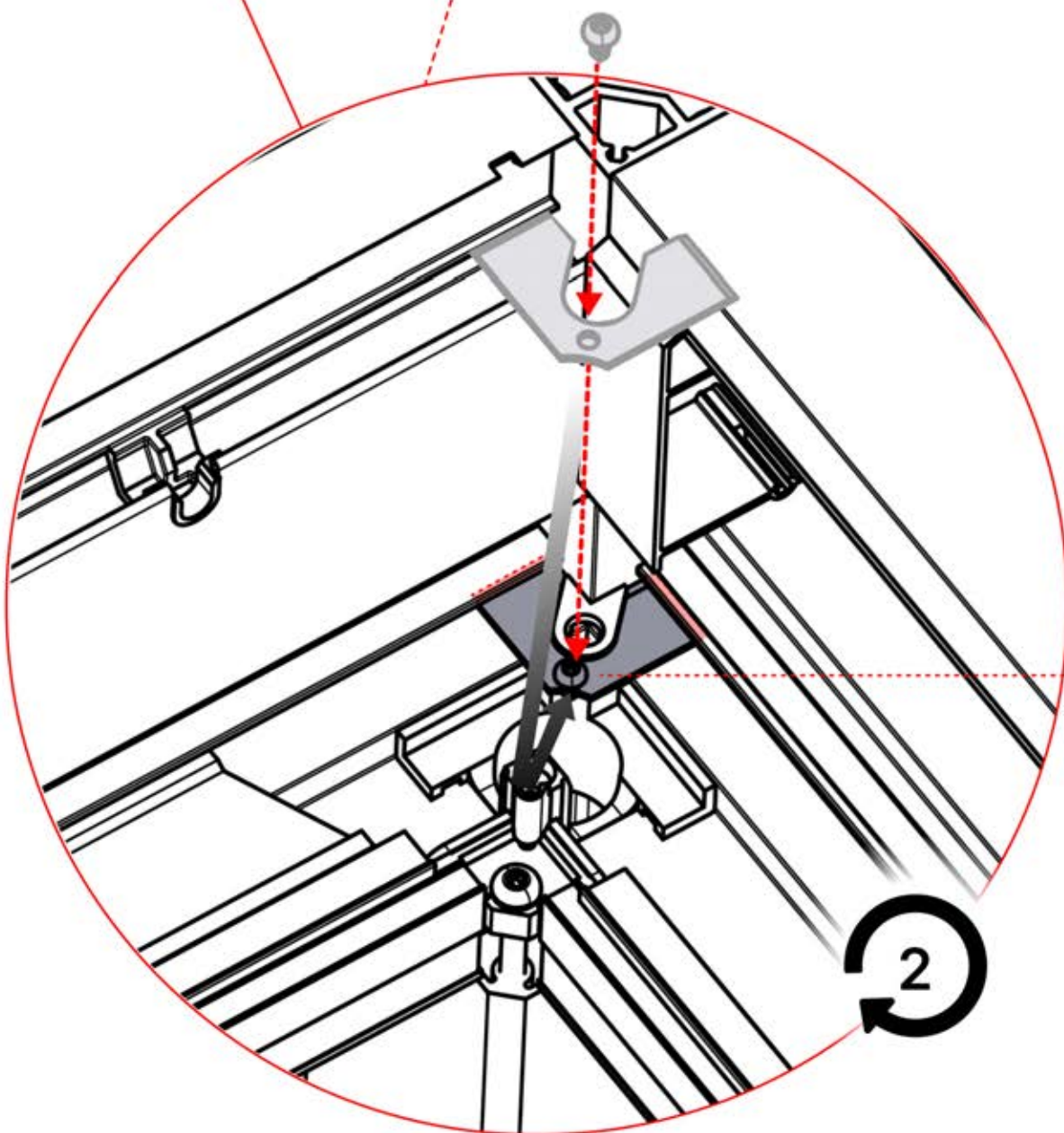
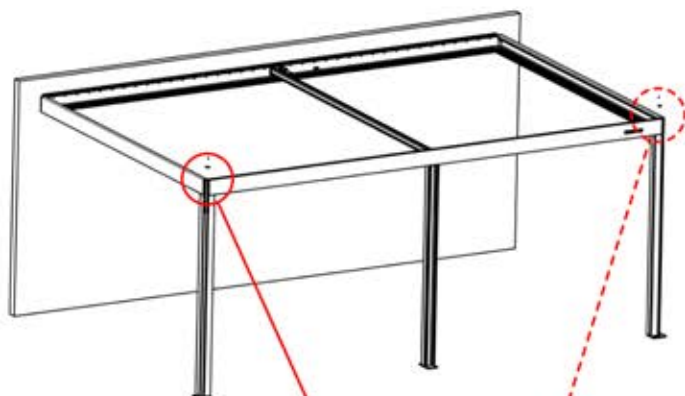
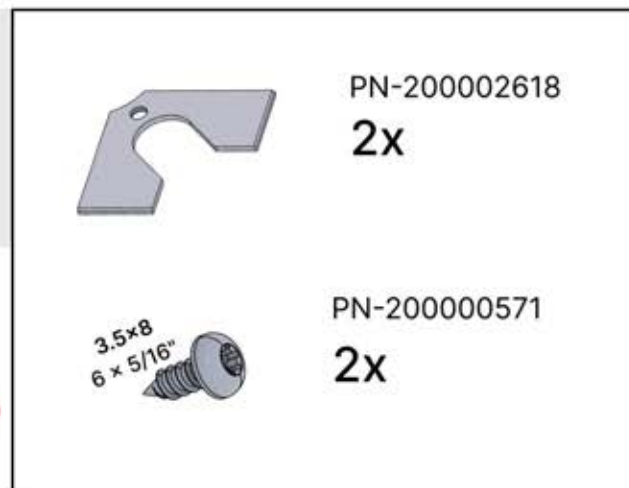
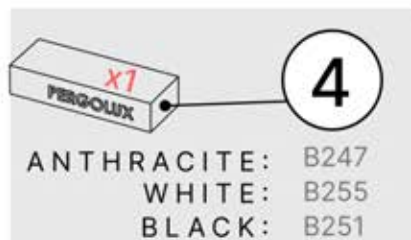


PN-200002617

2x



25

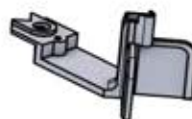


26



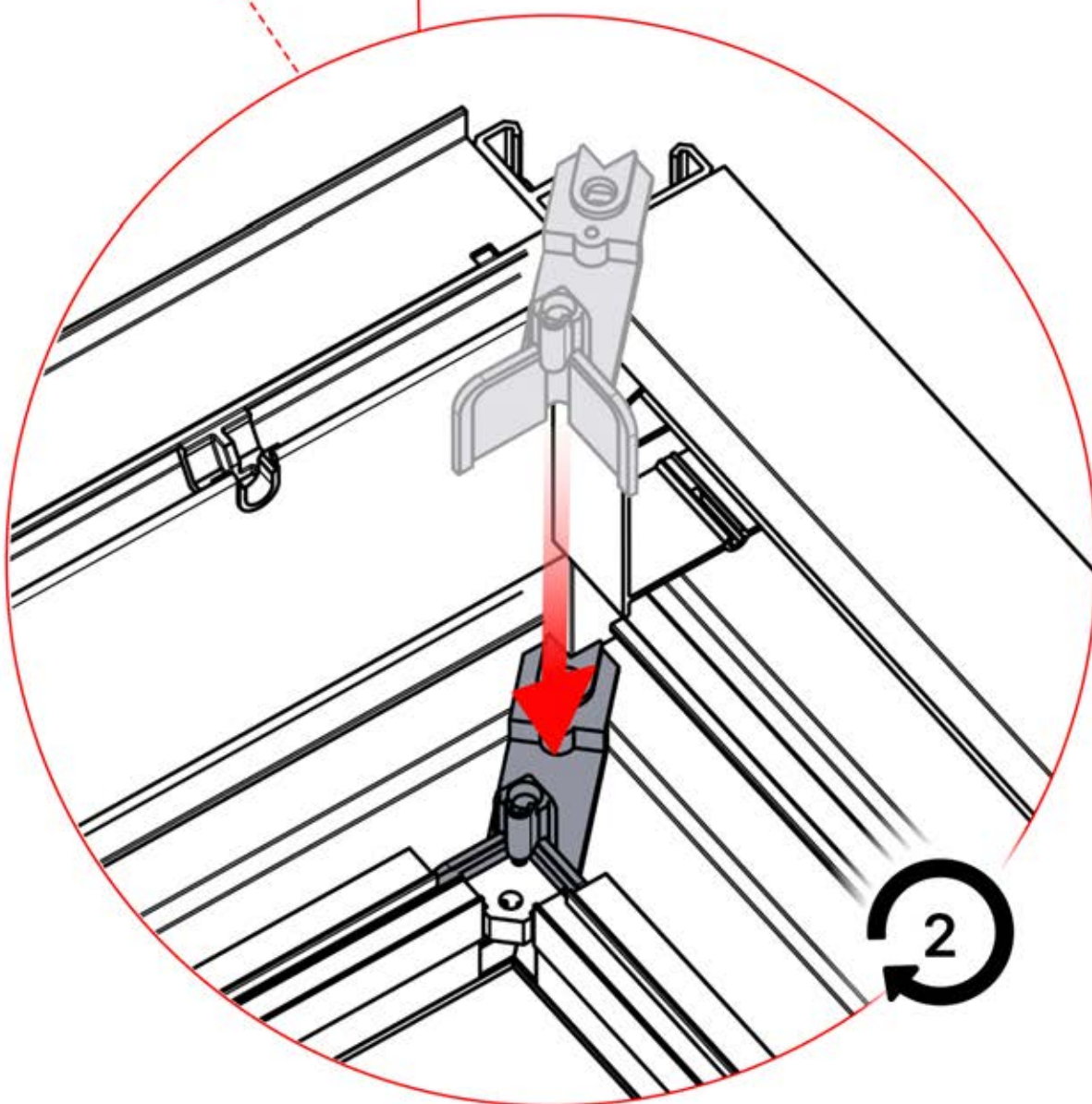
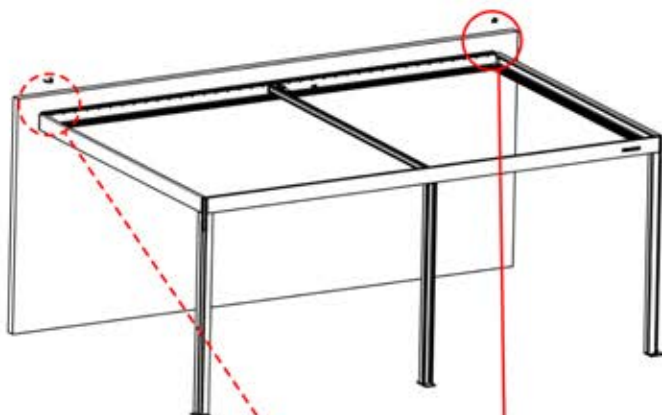
4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200002792

2x



27



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



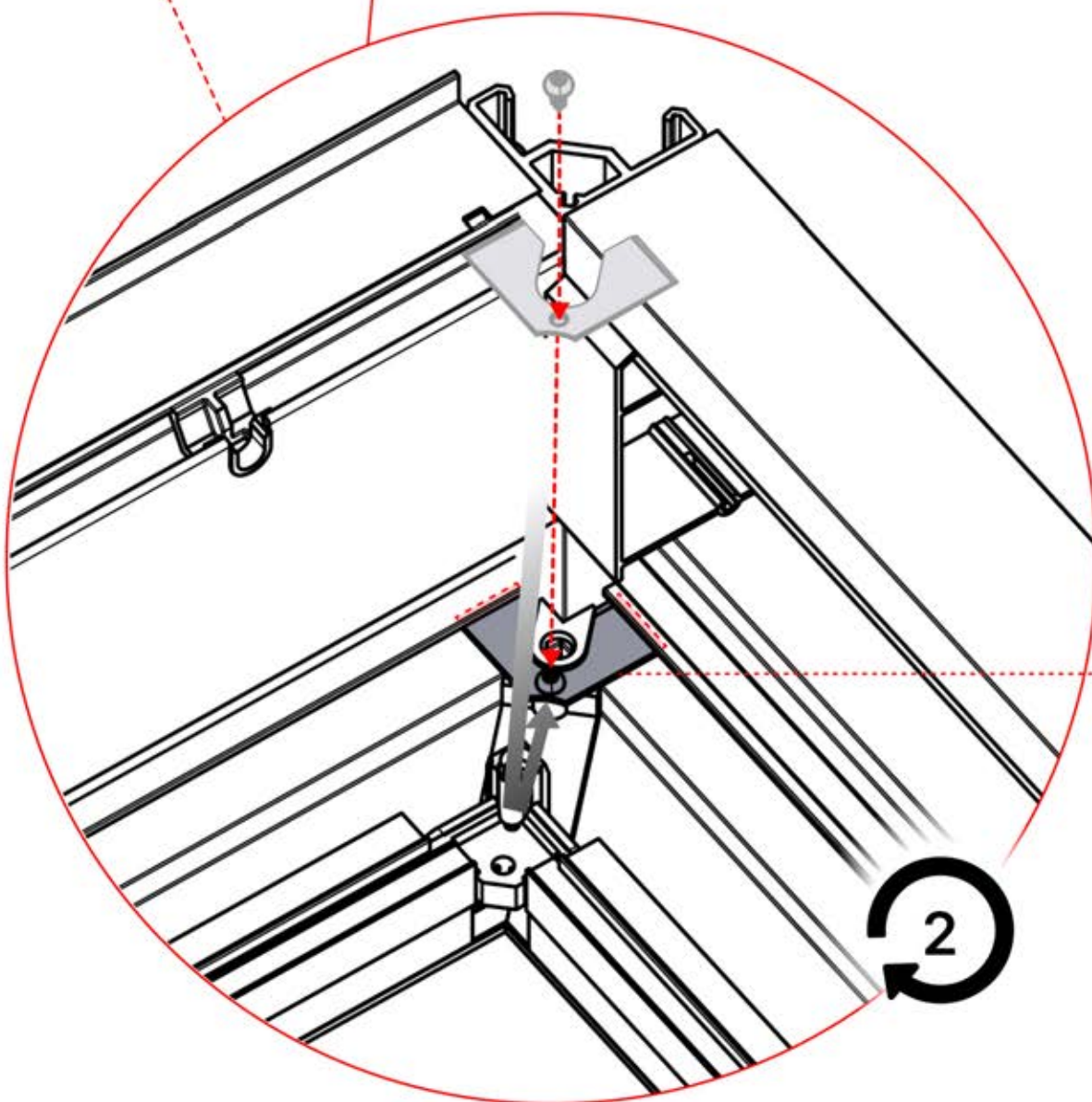
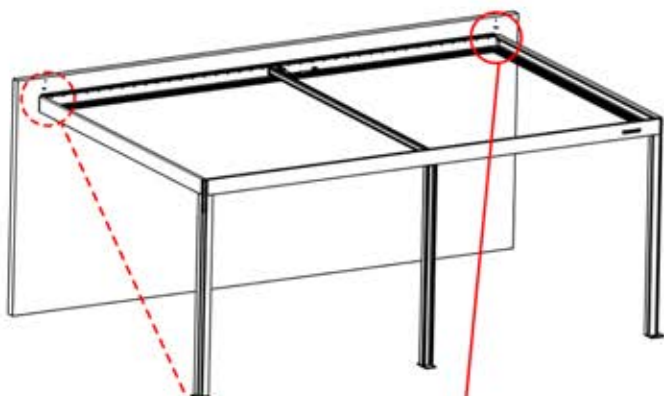
PN-200002618

2x



PN-200000571

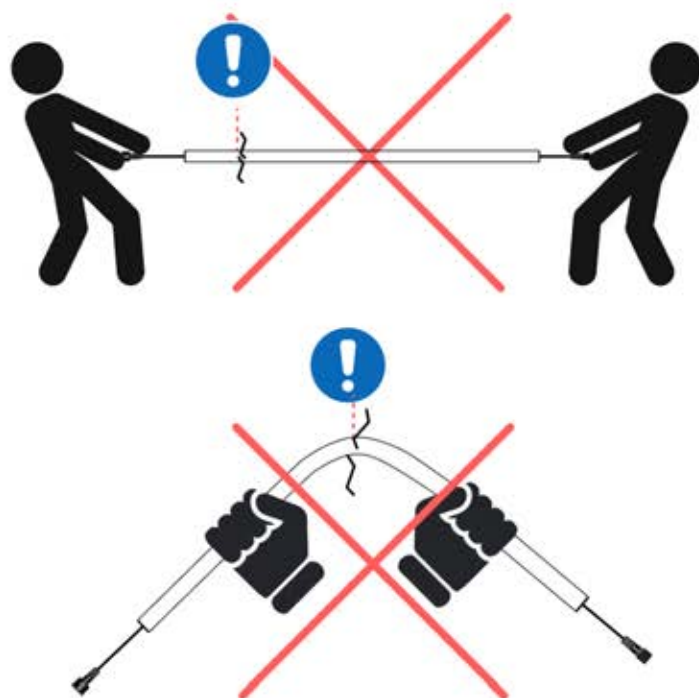
2x



IMPORTANT INFORMATION

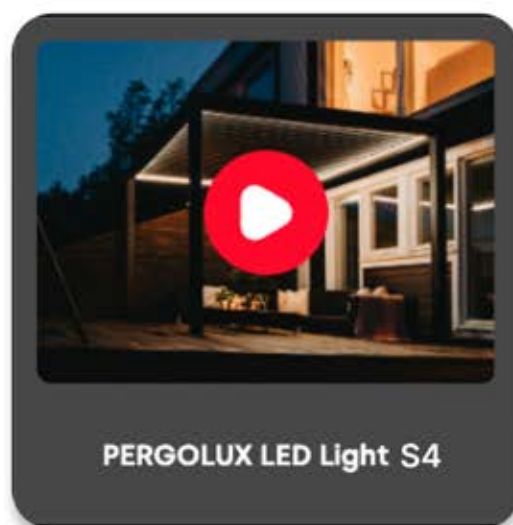
Handle with care.

When installing the light strip, do not pull or bend the wires on both sides with force, as this may cause the solder joints to fall off.



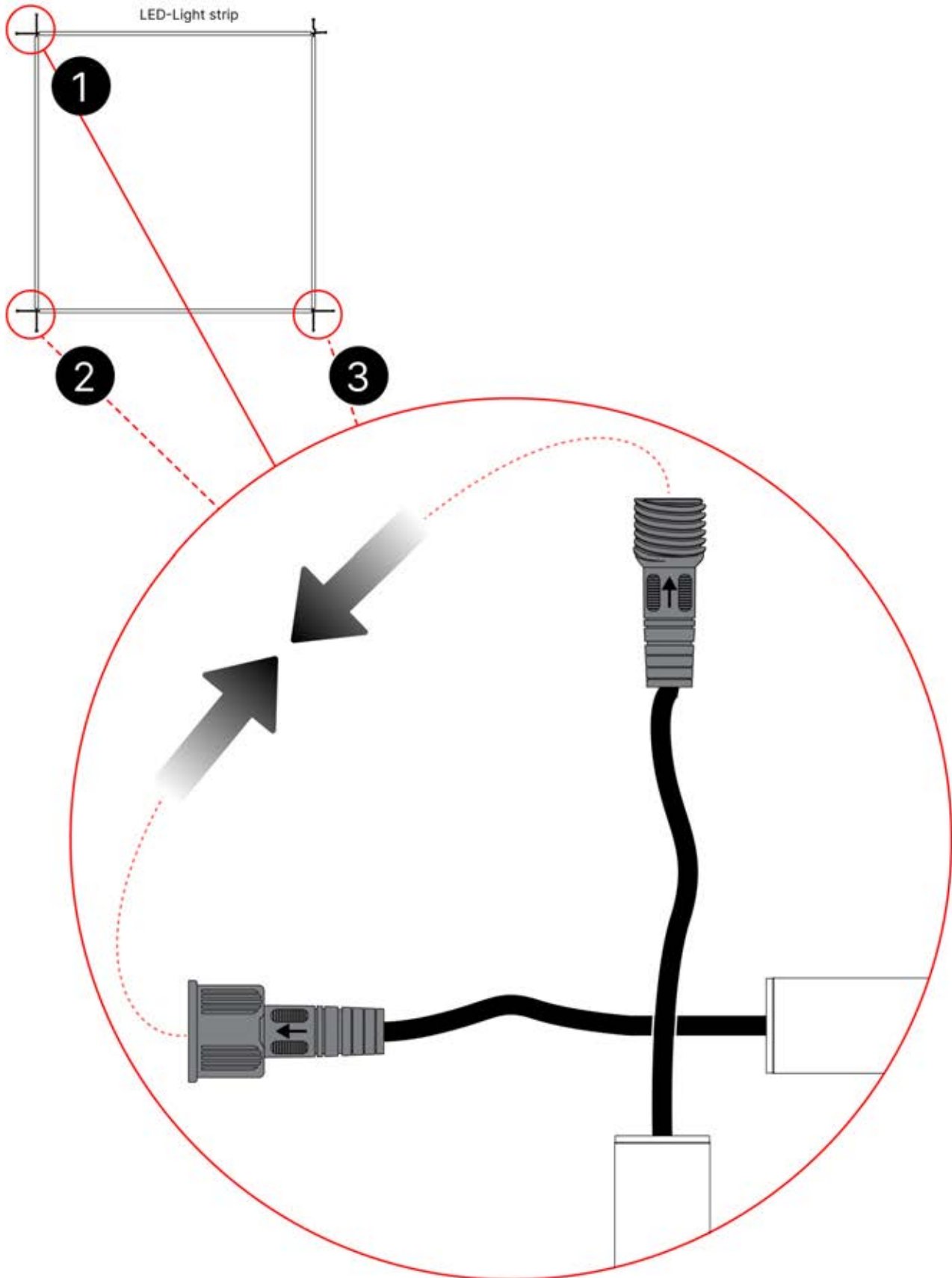
Important! Please watch all the videos before starting the assembly.

The videos contain important information relevant to the assembly process.

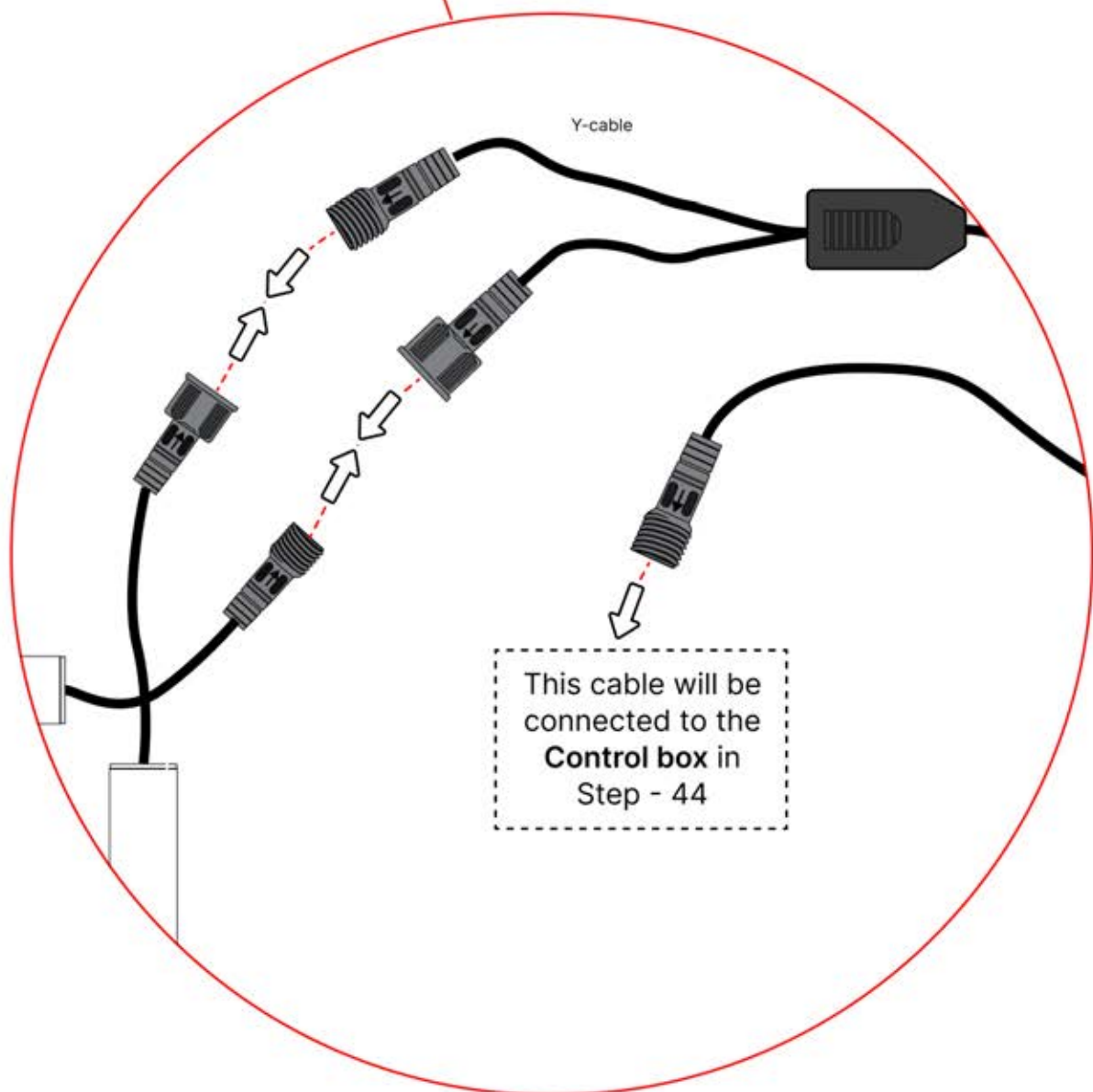
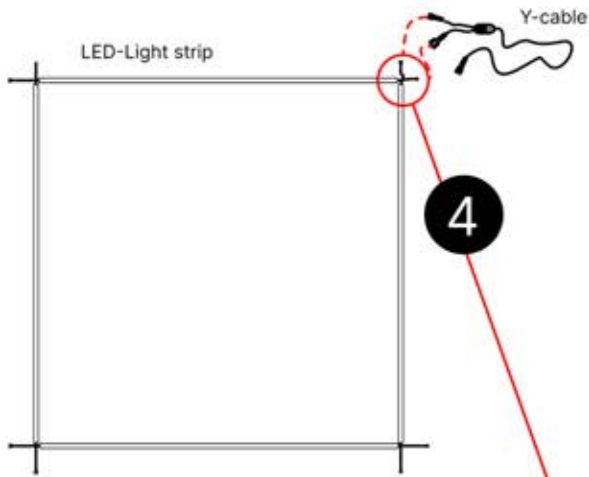


PERGOLUX LED Light S4

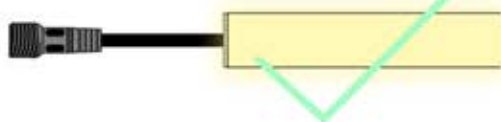
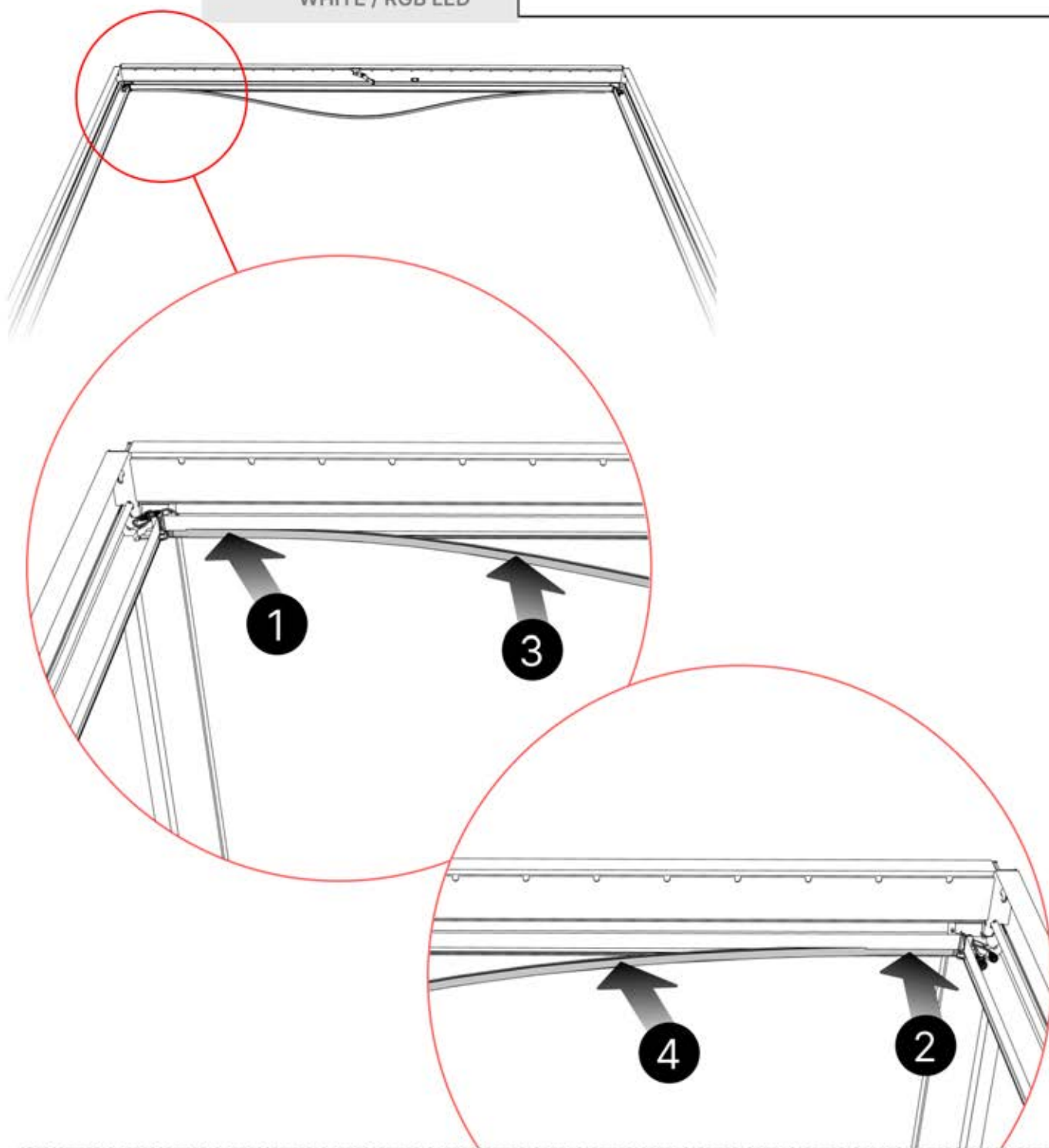
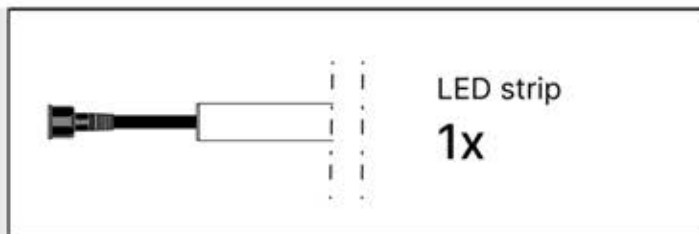
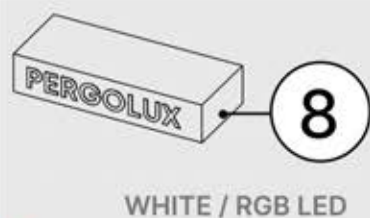
IMPORTANT INFORMATION



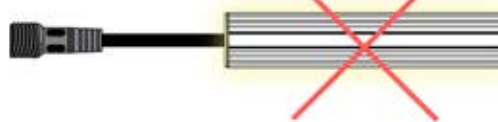
INFORMATION



28



This side is the front and
should face outward

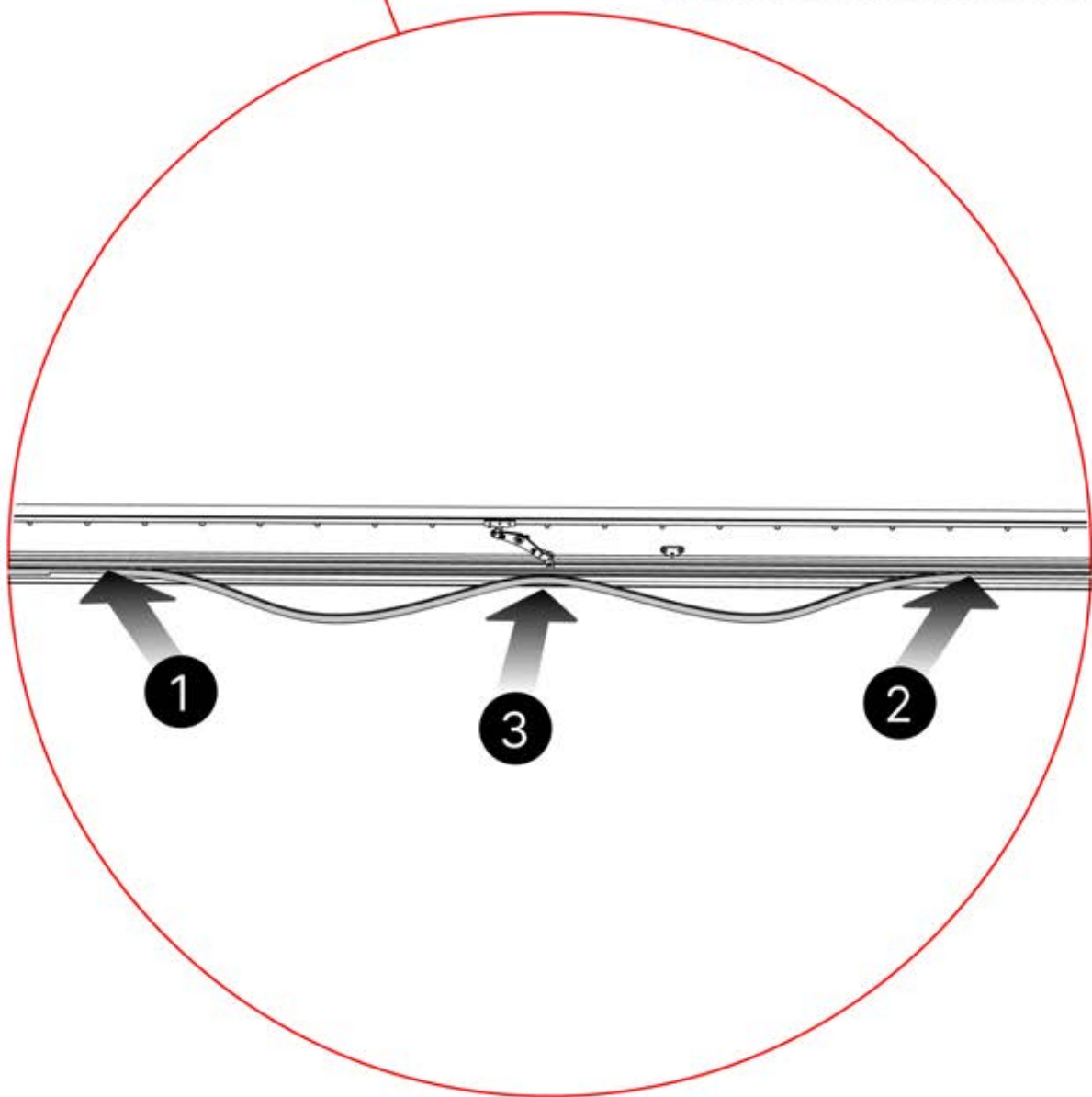
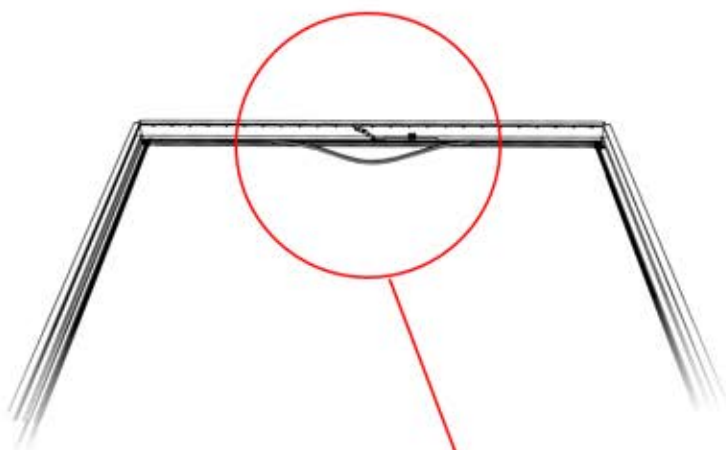


This side is the back and should
be positioned to face the beam

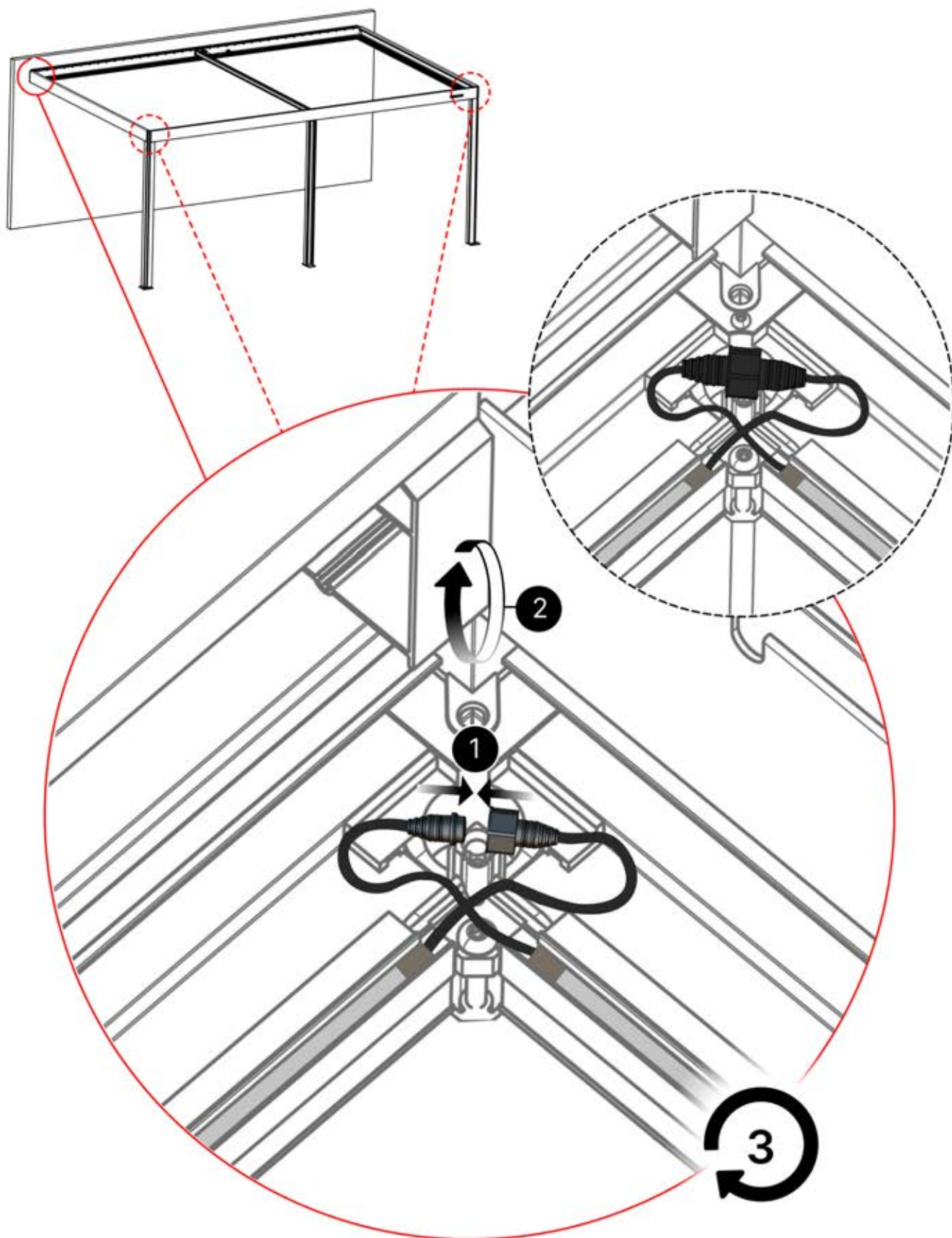
29



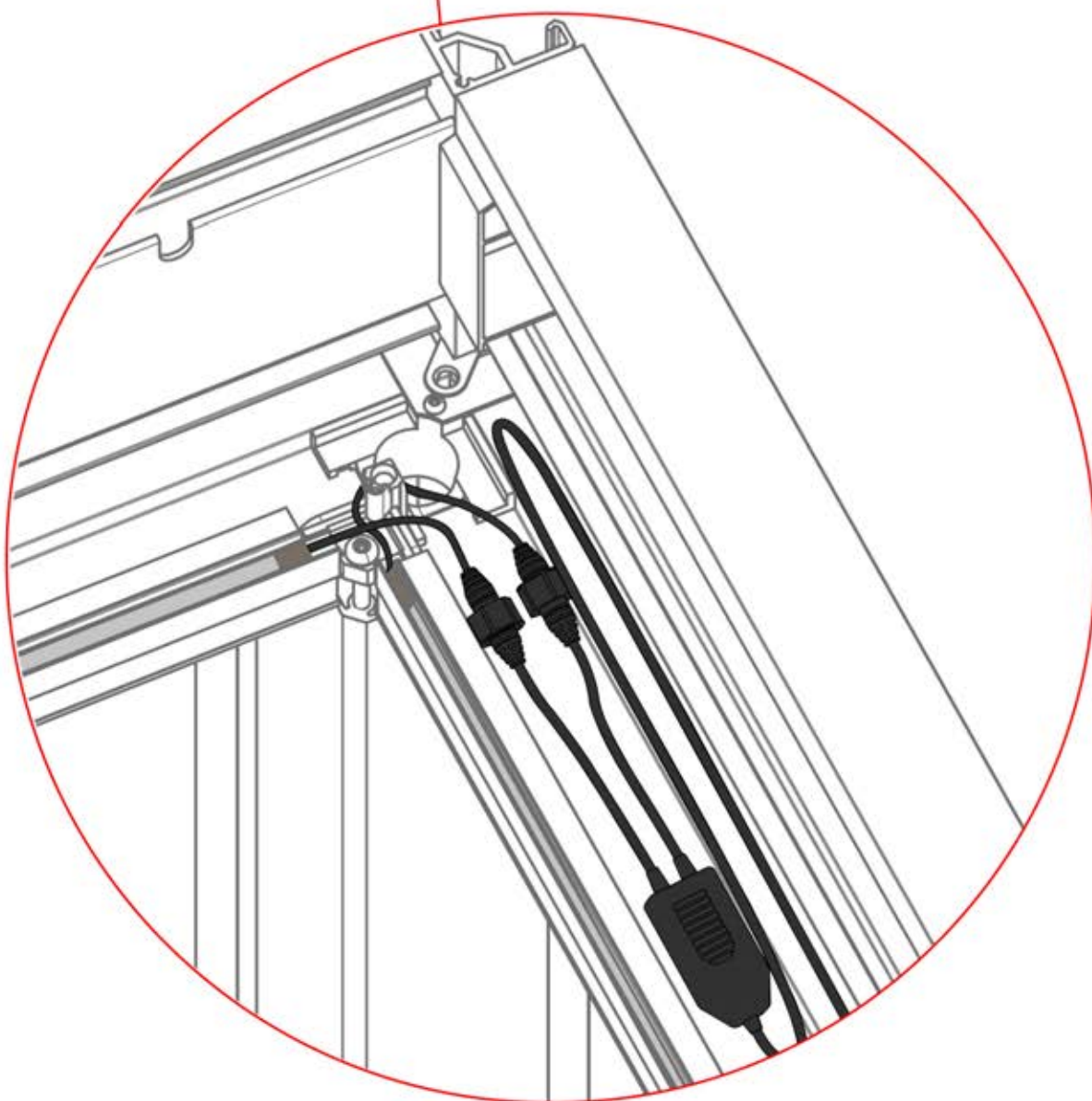
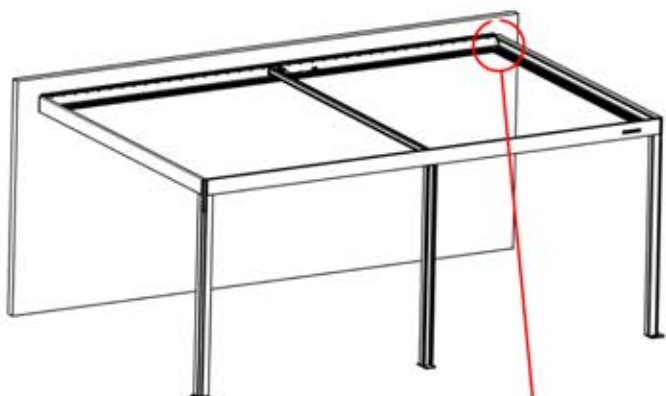
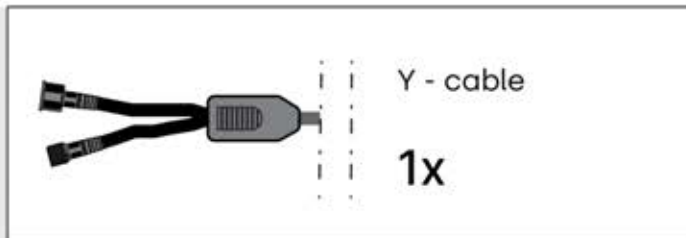
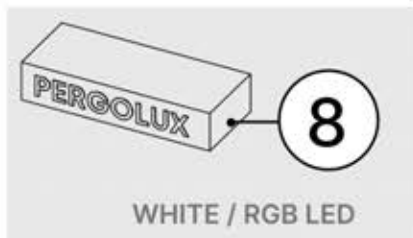
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



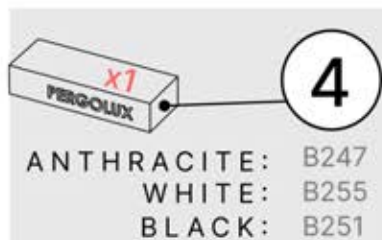
30



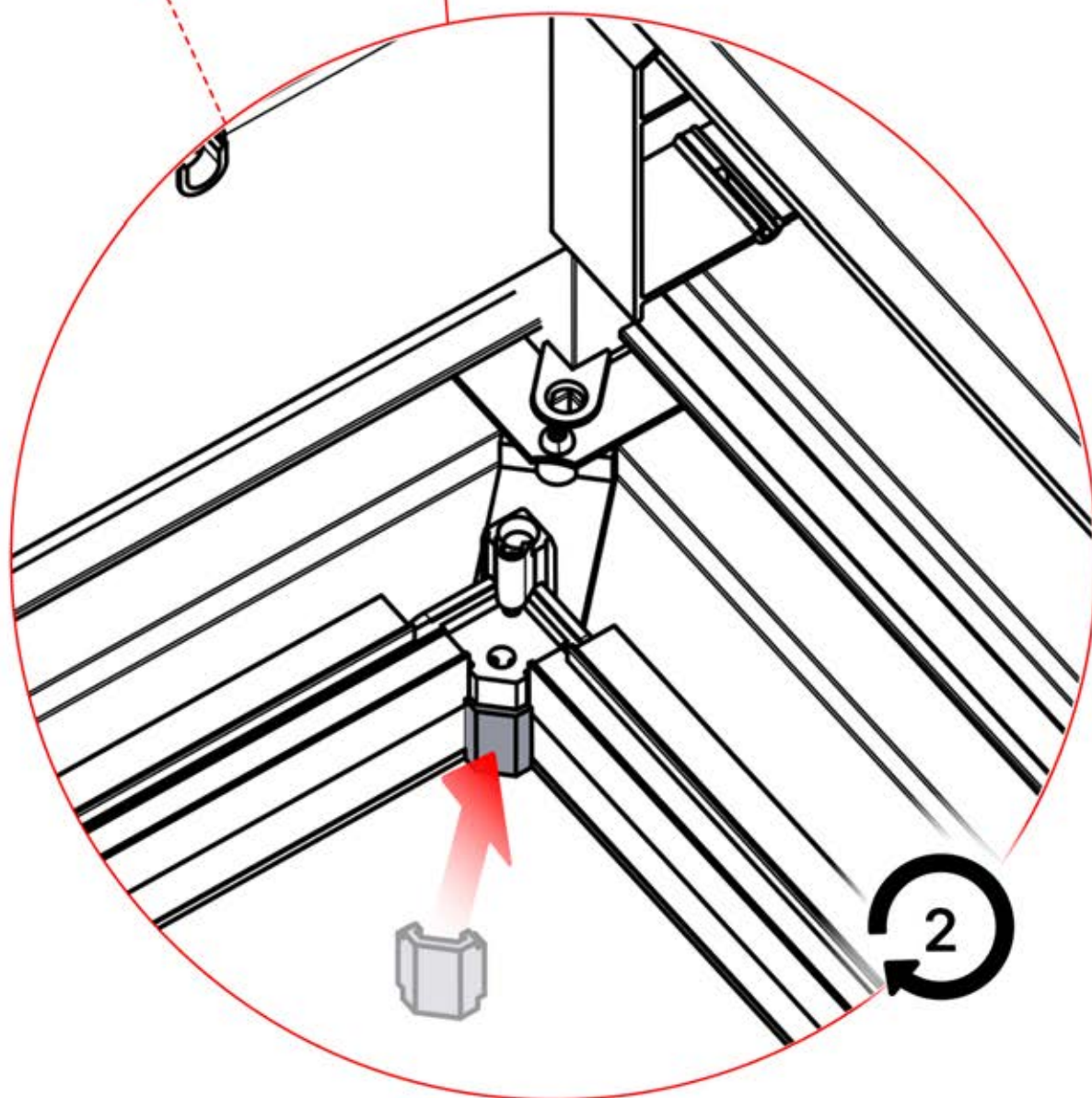
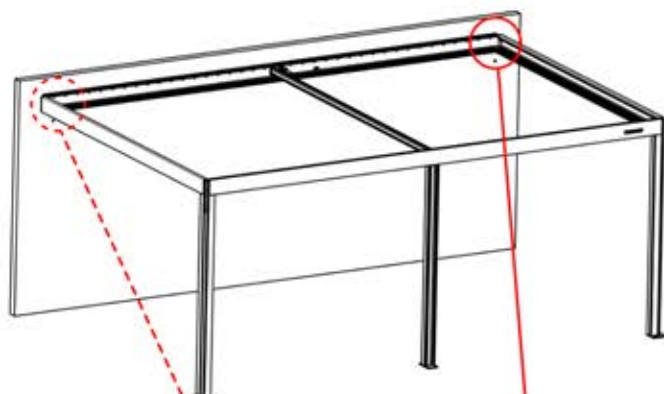
31



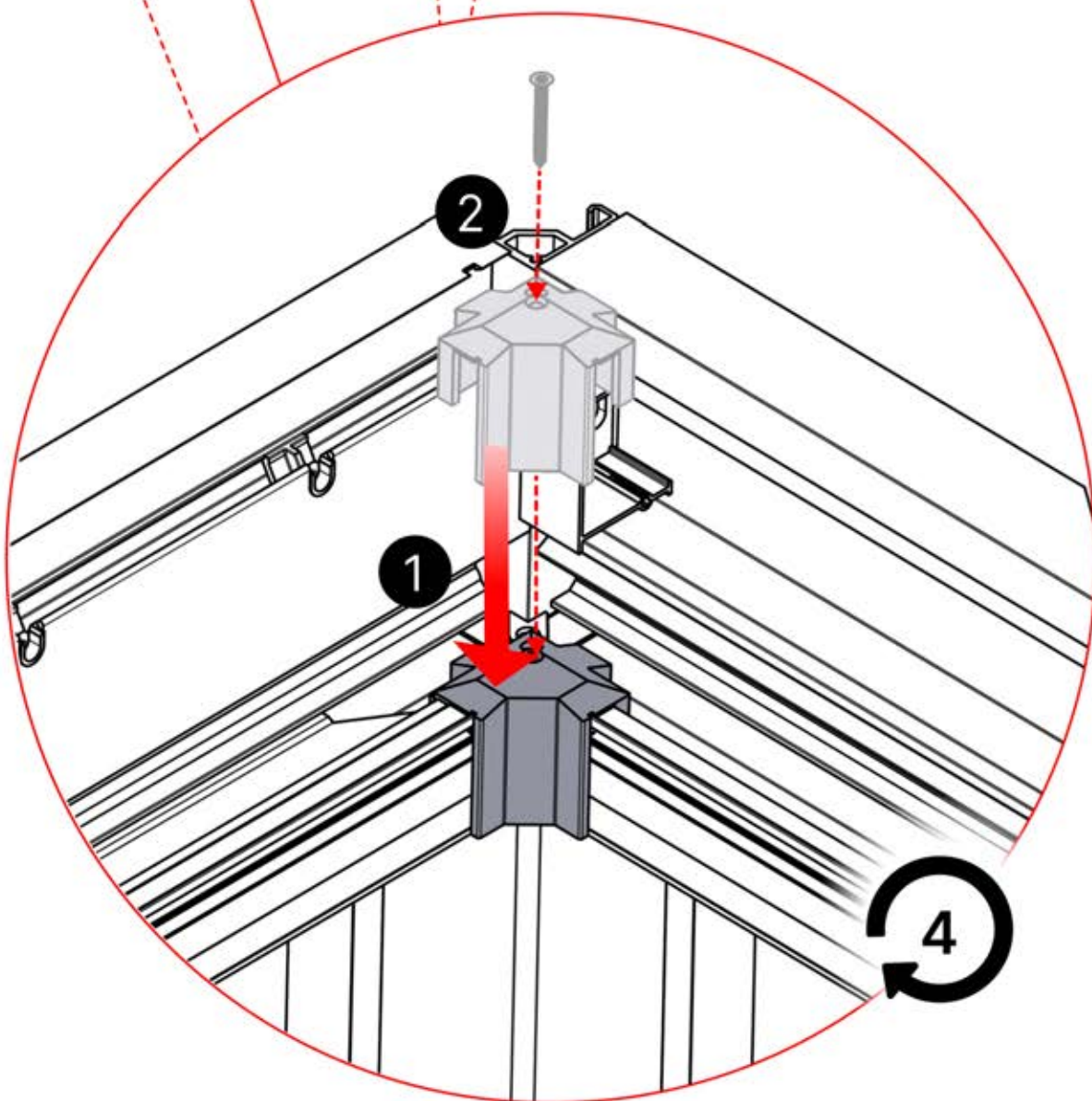
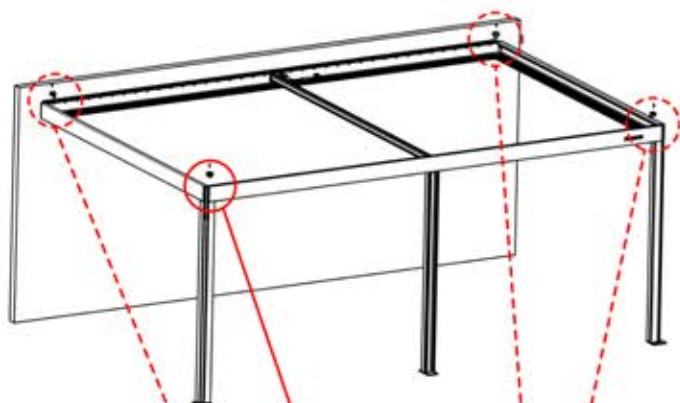
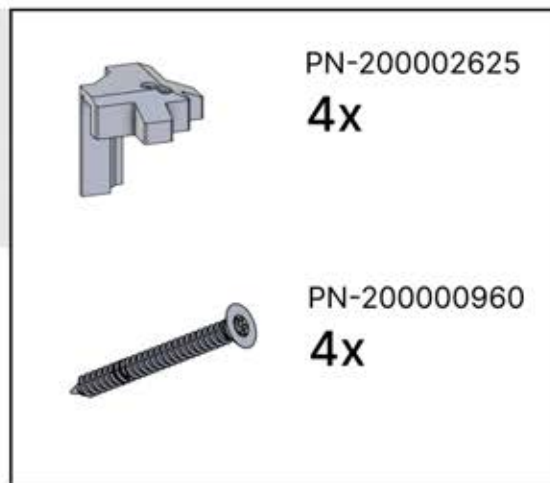
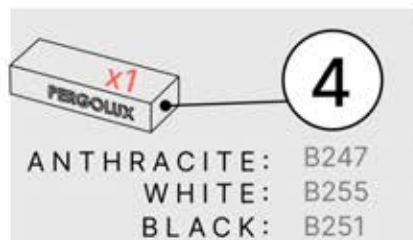
32



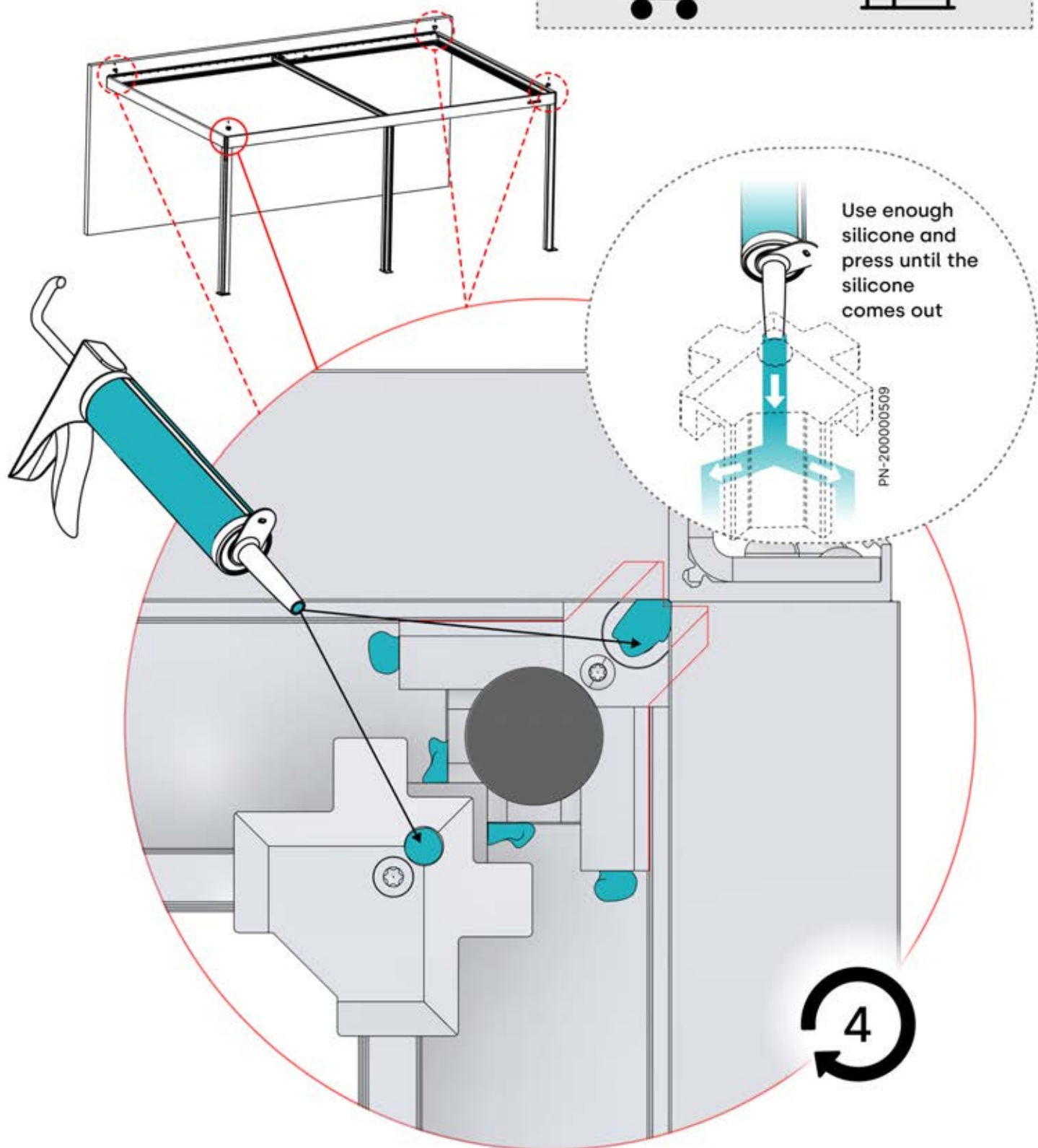
PN-200000516
2x



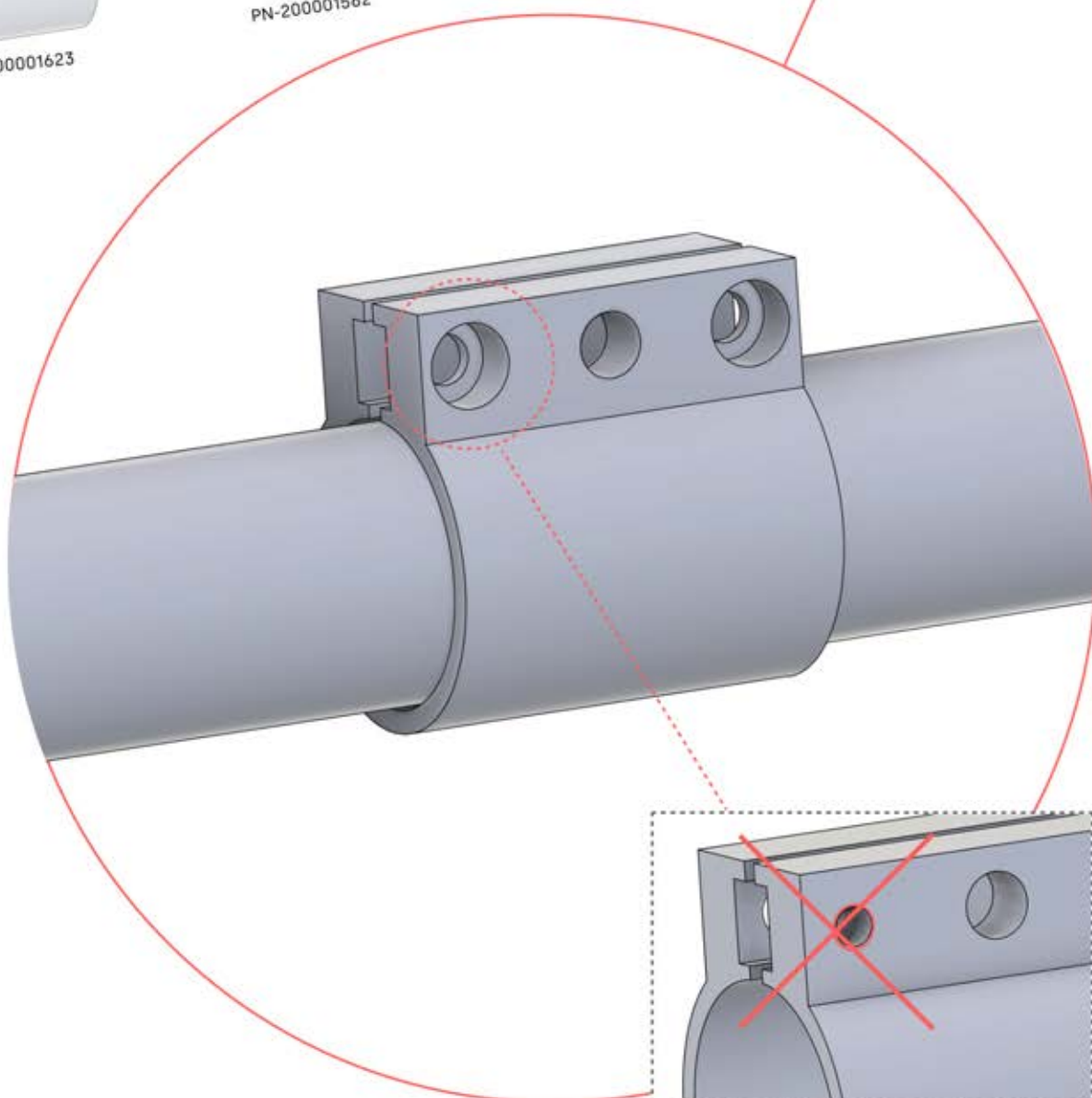
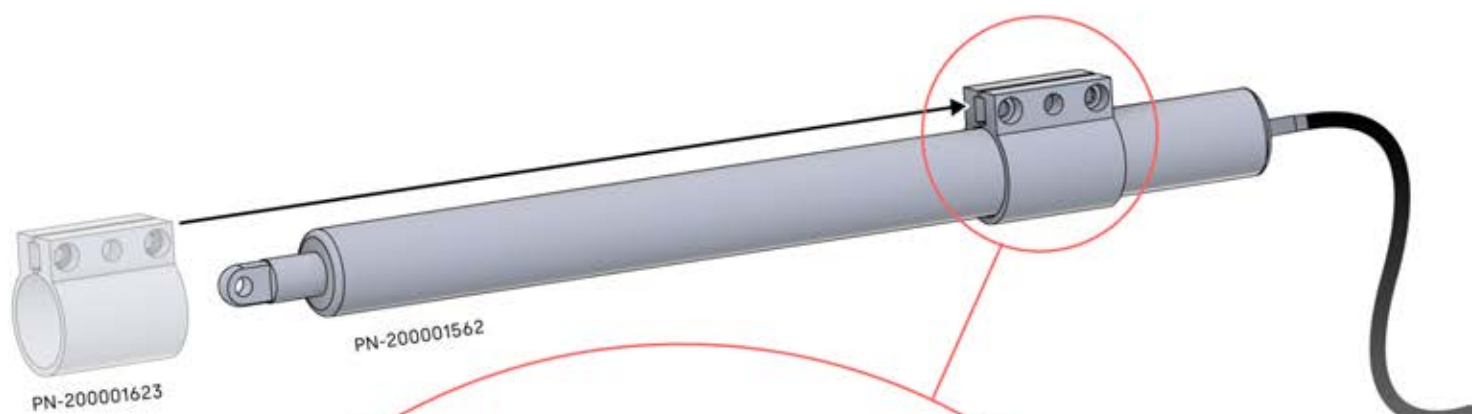
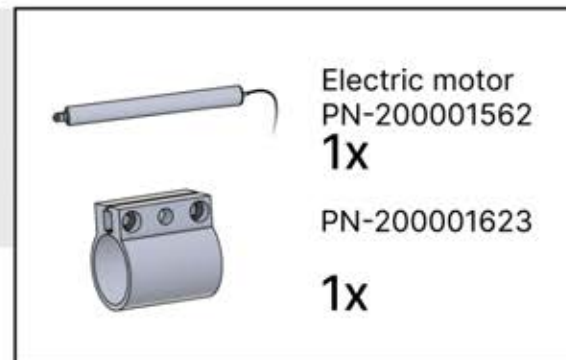
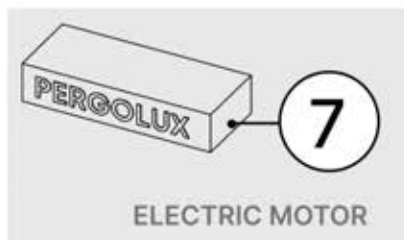
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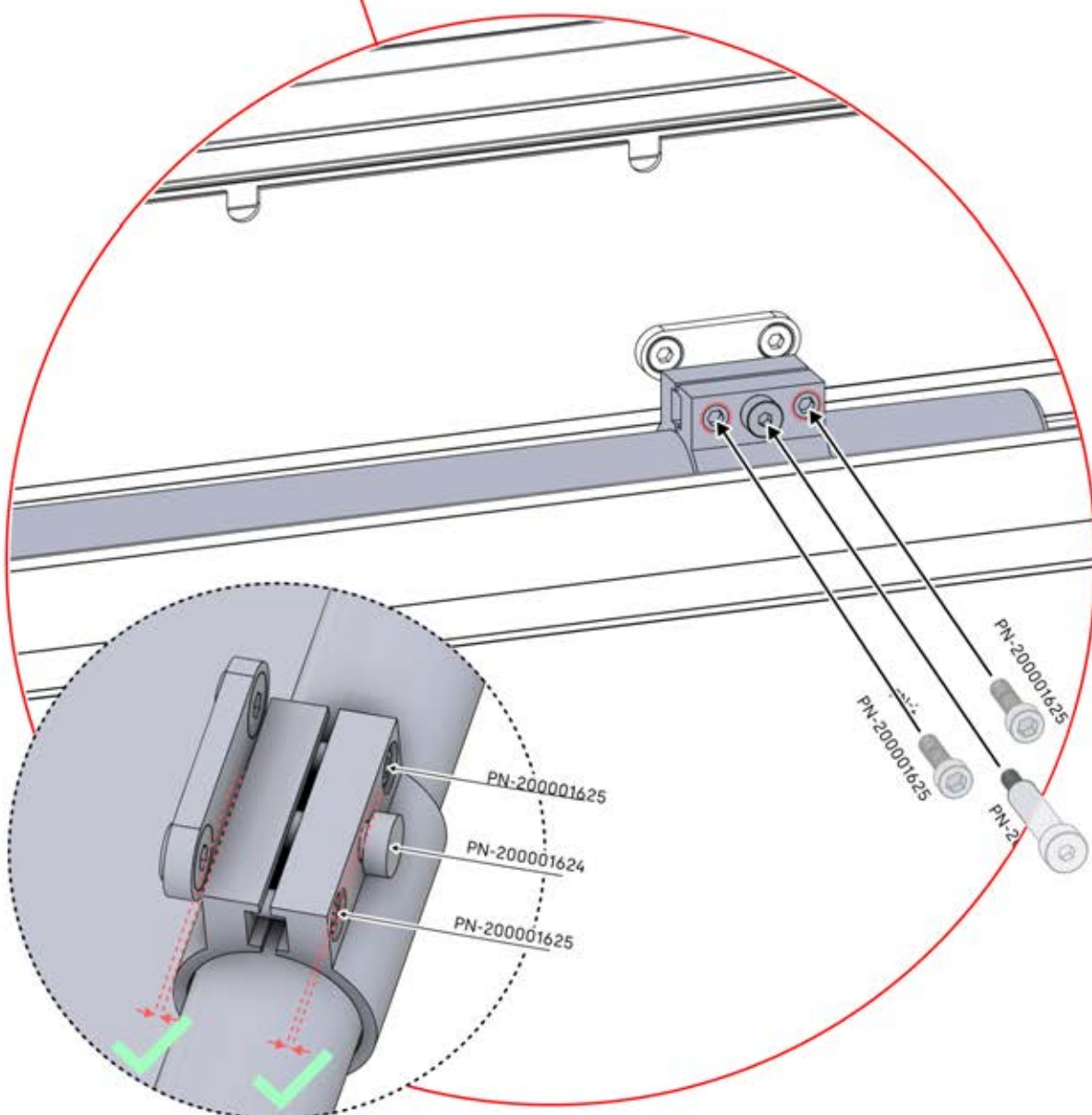
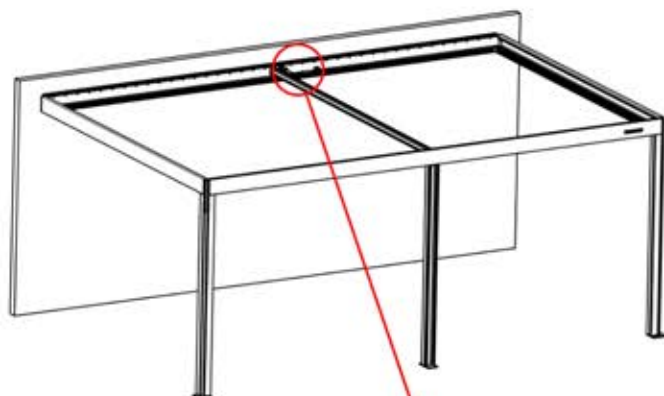
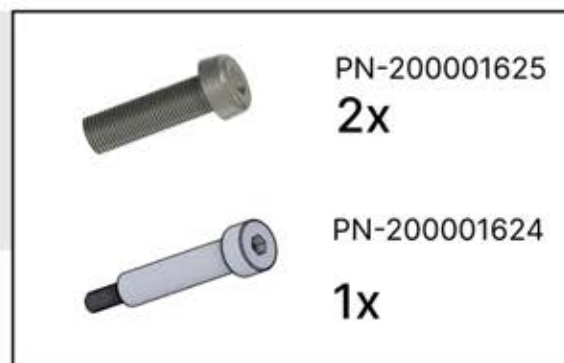
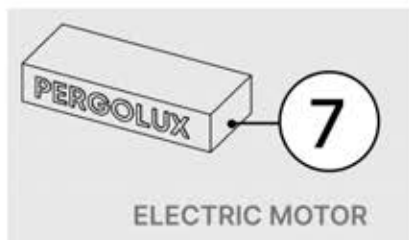
34



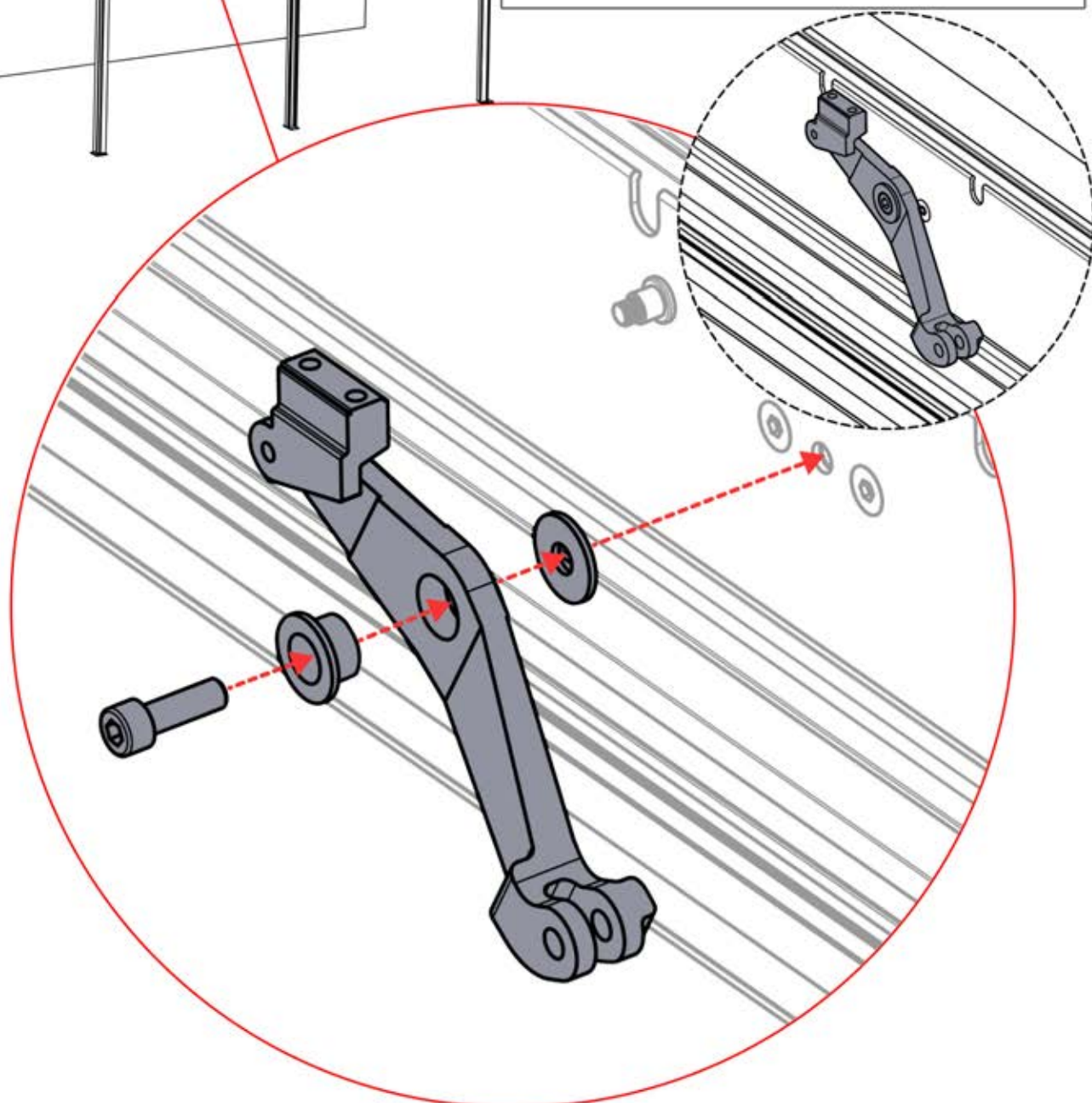
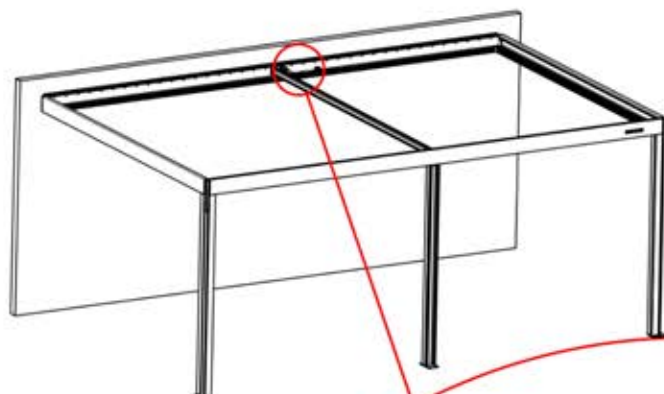
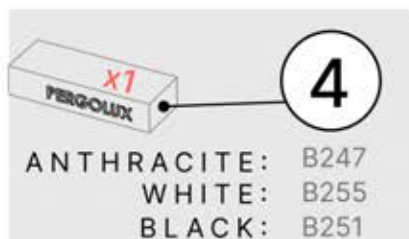
35



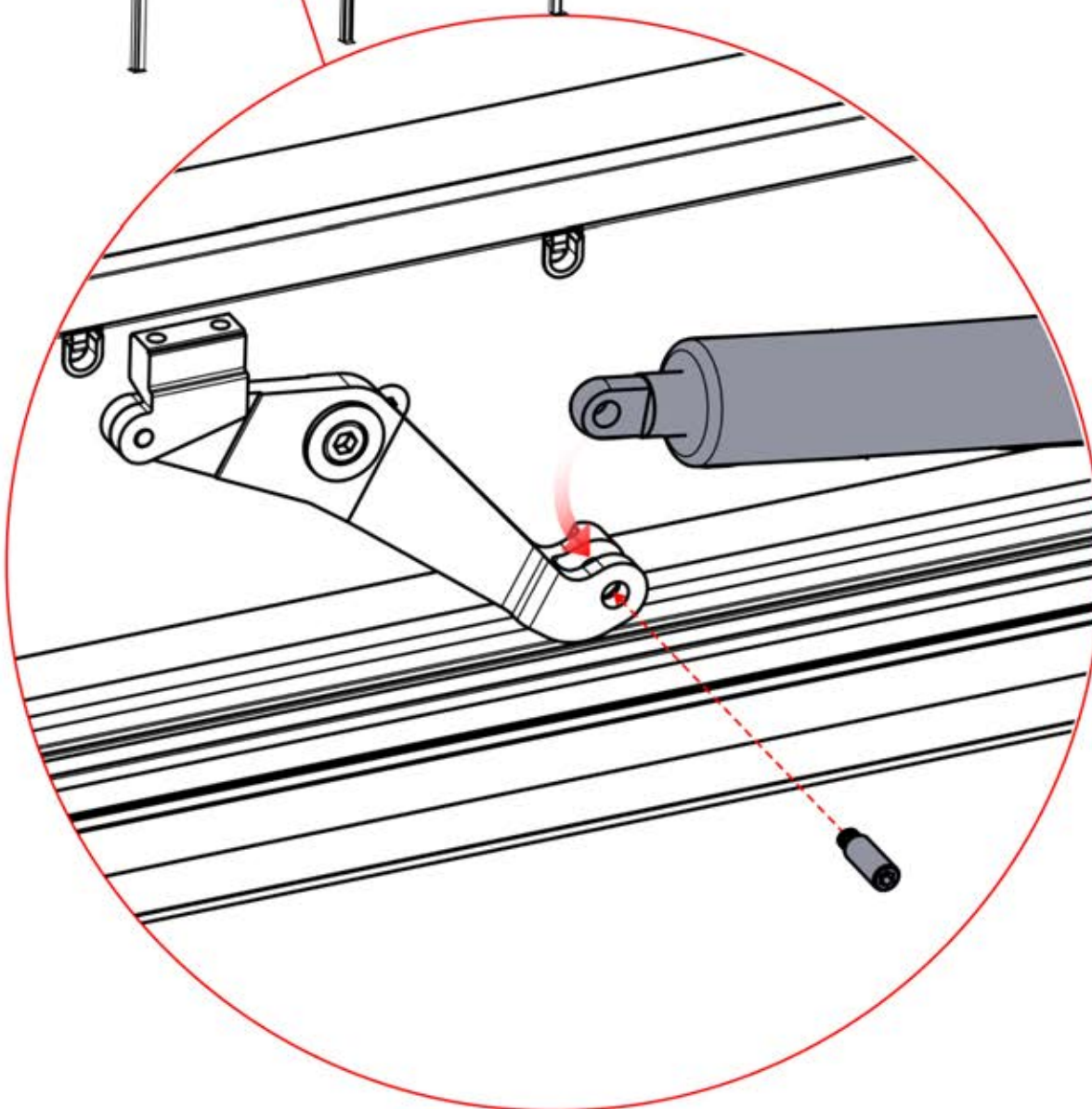
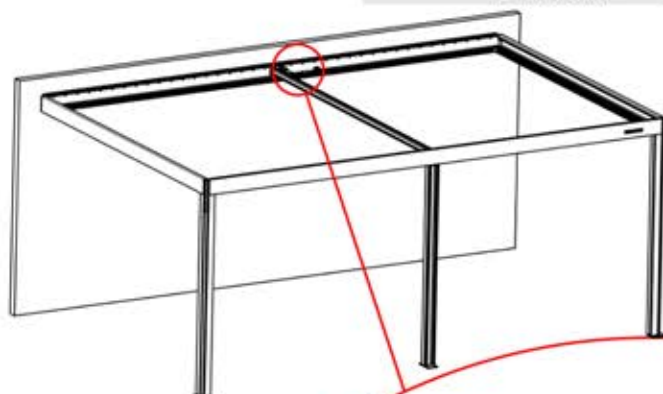
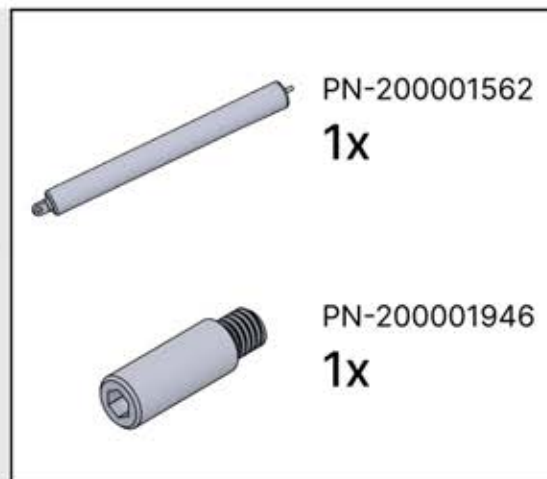
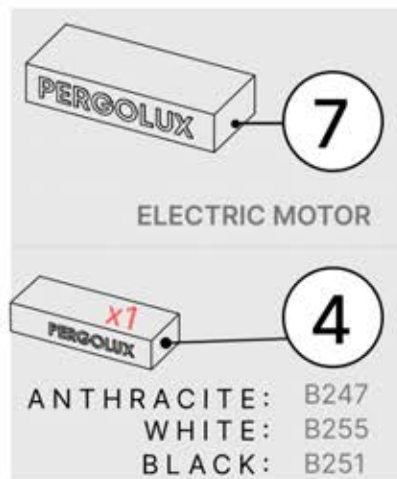
36



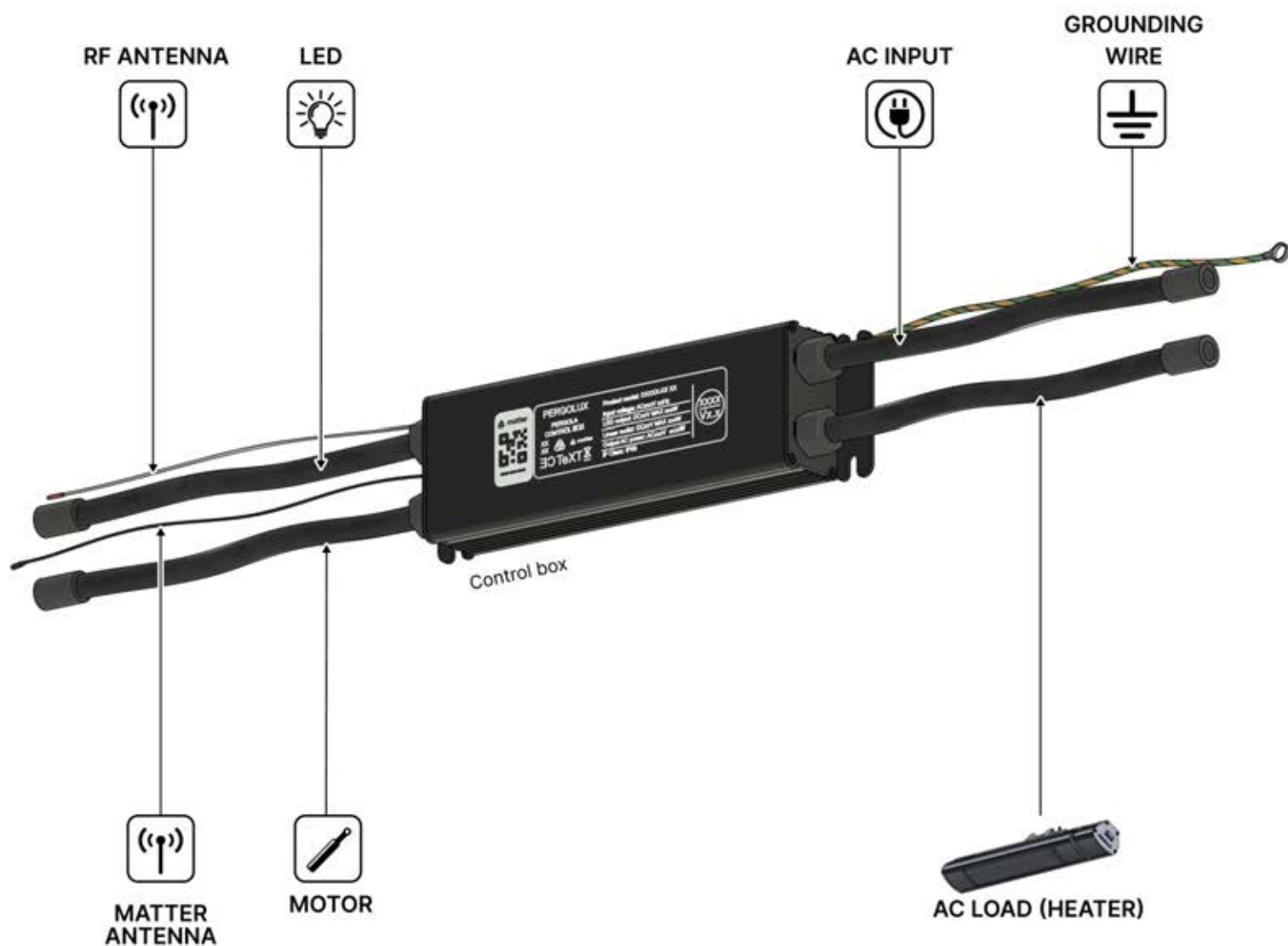
37



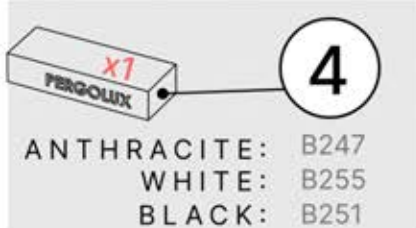
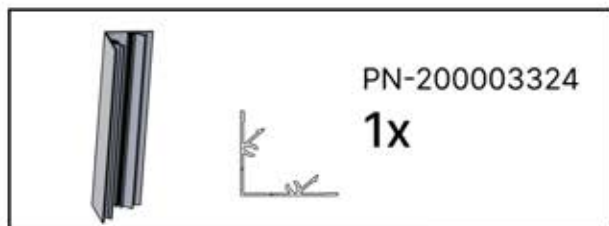
38



INPUTS AND OUTPUTS

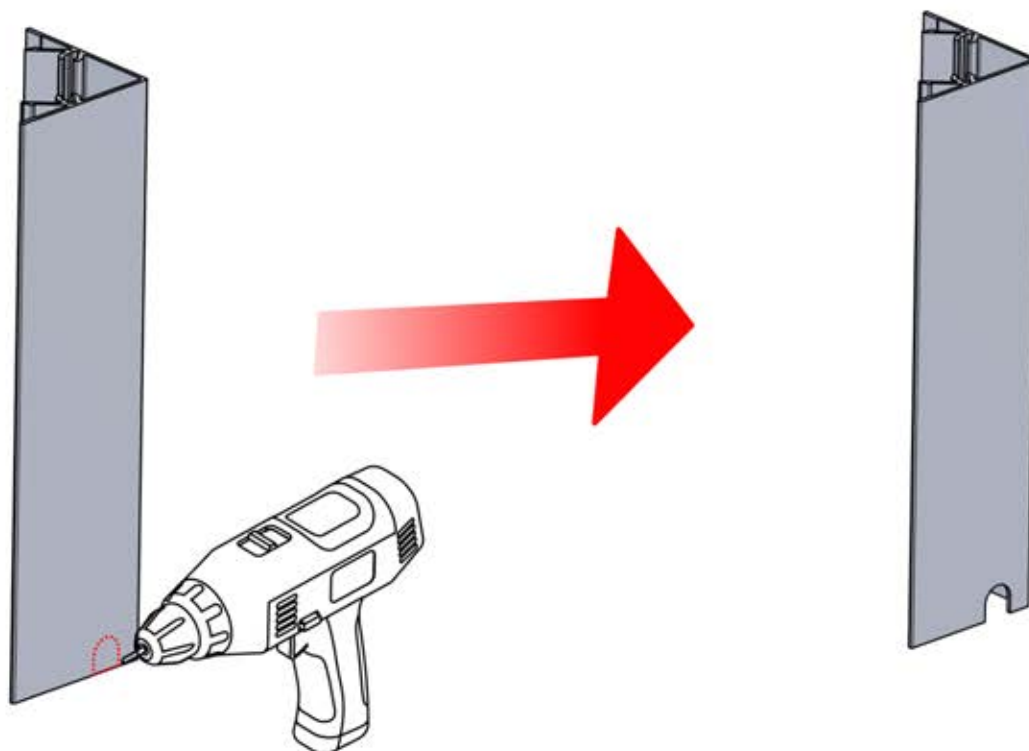


INFORMATION

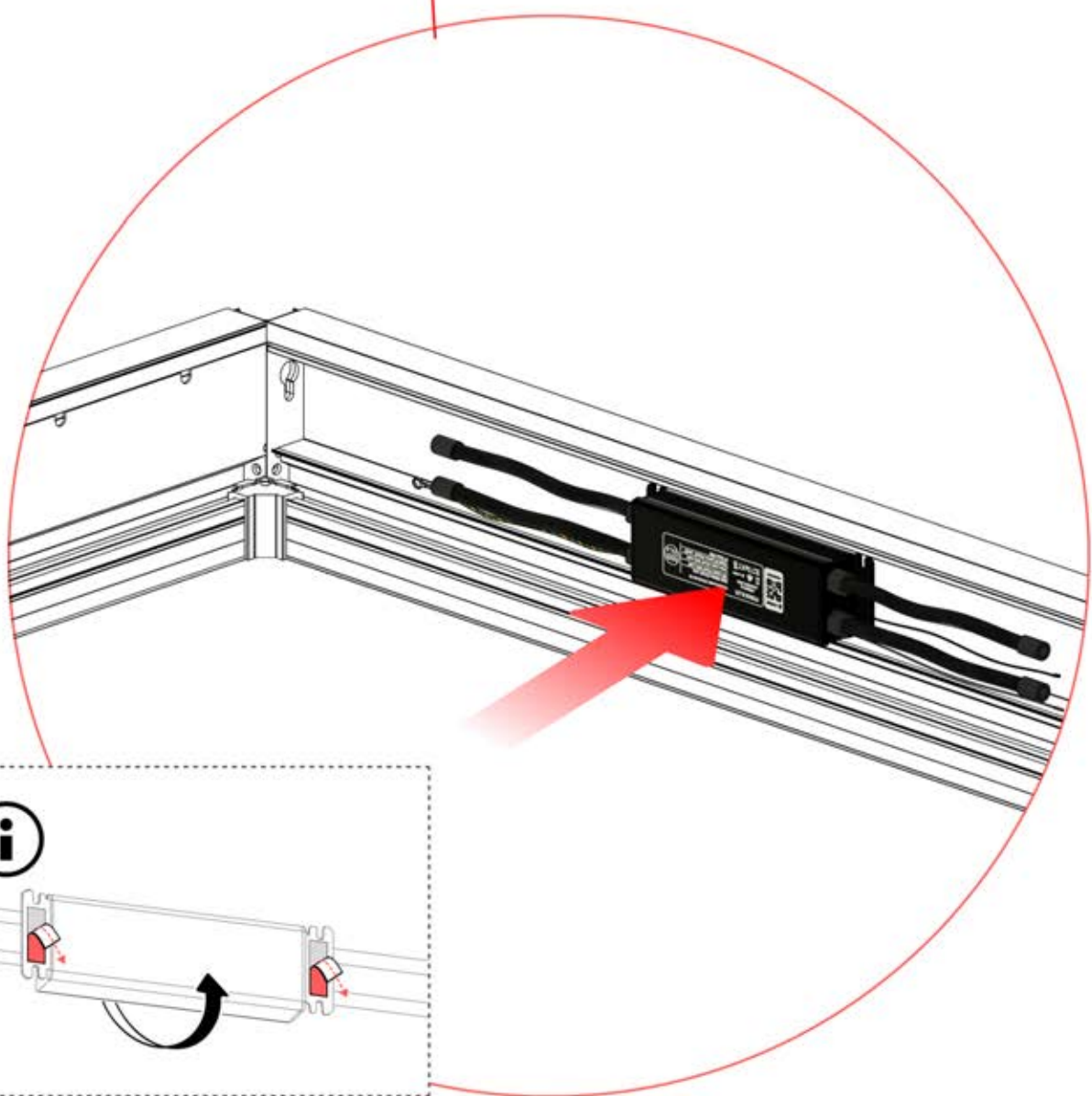
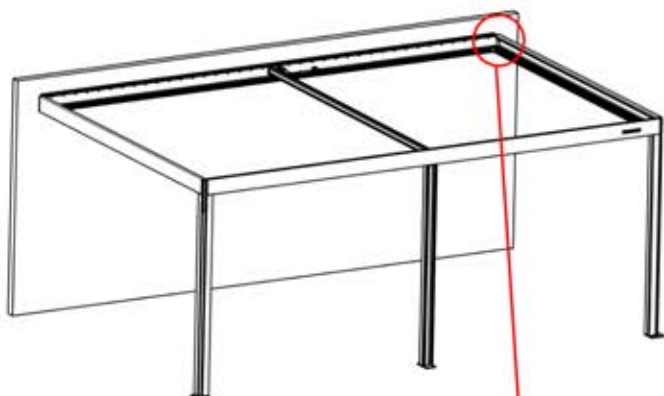
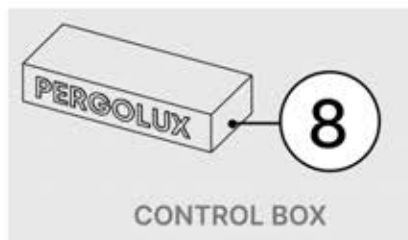


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200003324**) as illustrated. This allows the cable to pass through during installation in step 67.

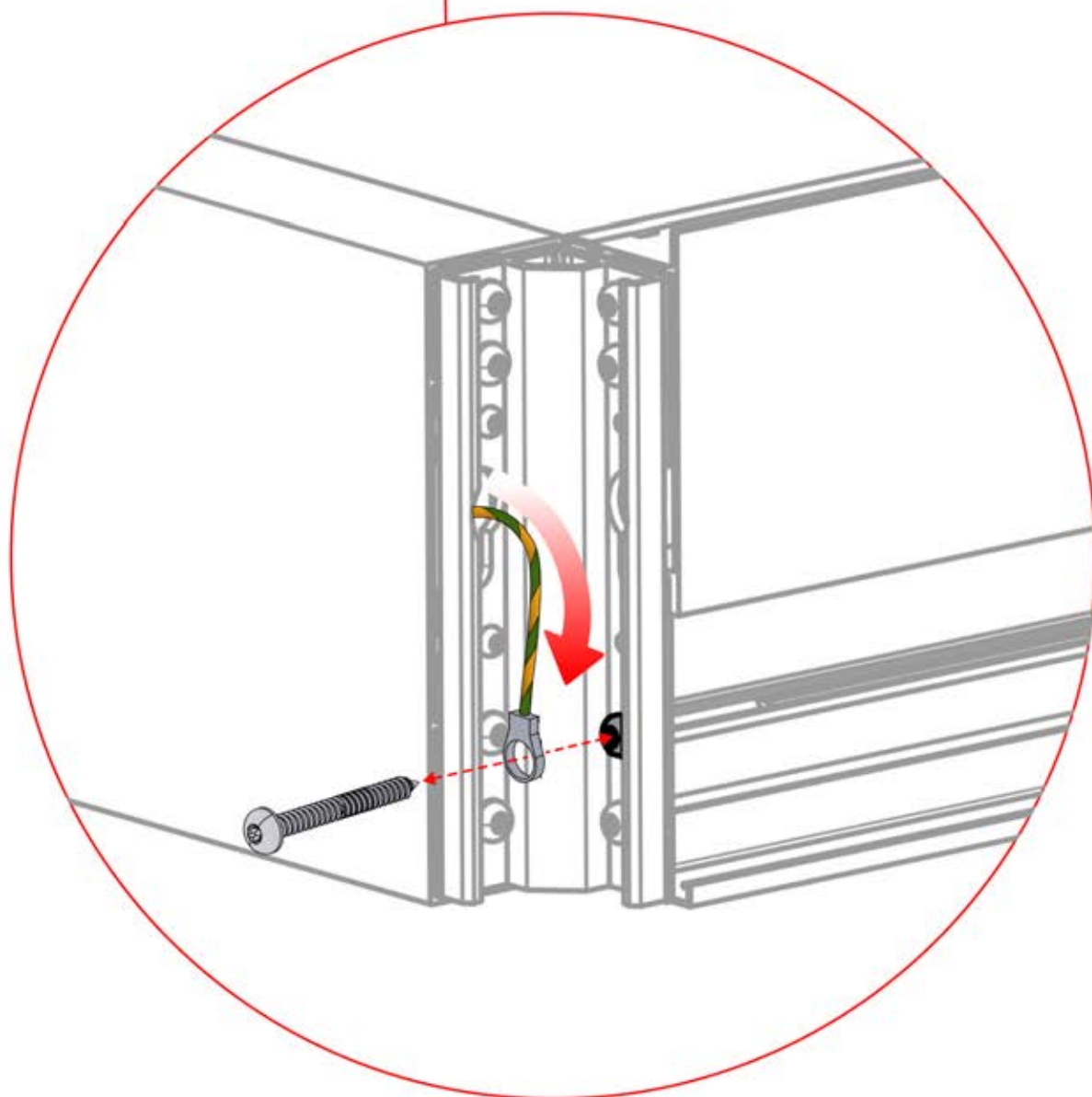
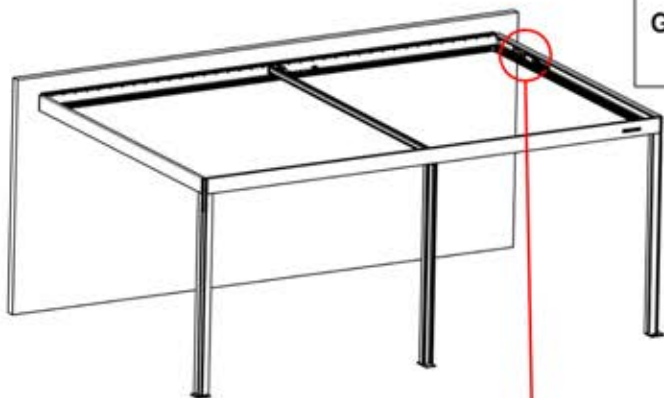
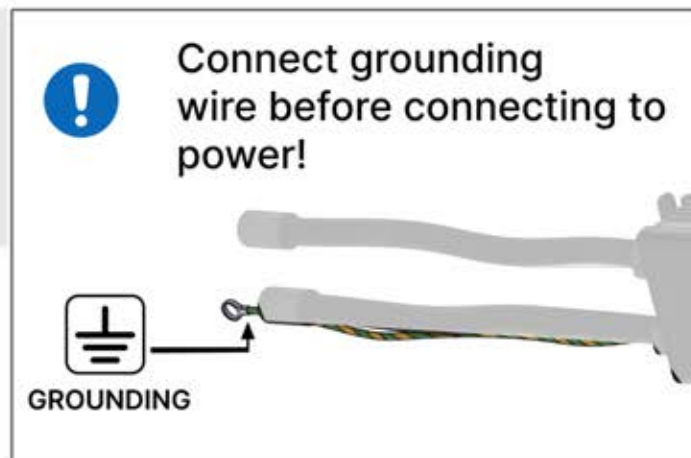
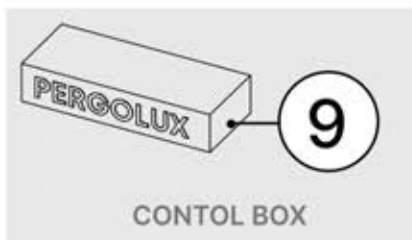
Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.



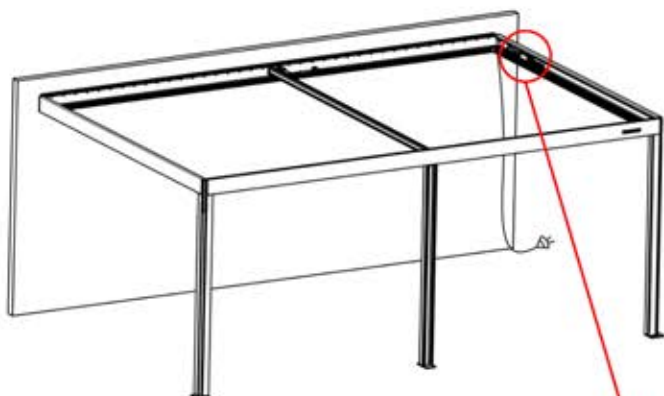
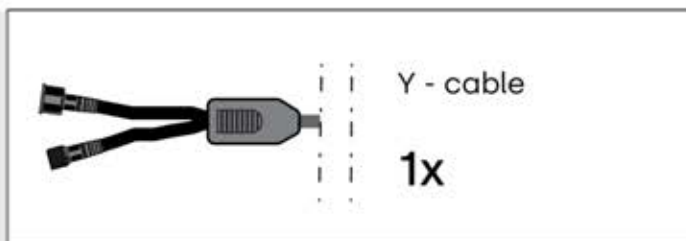
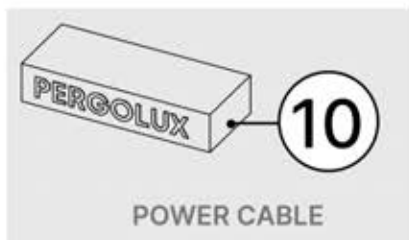
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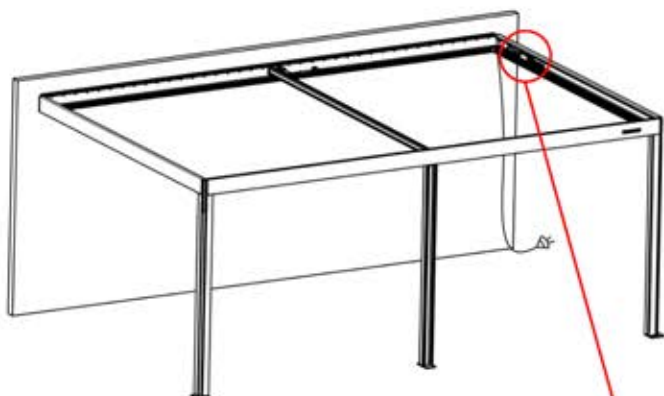
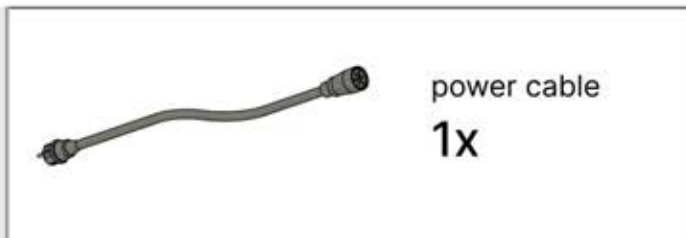
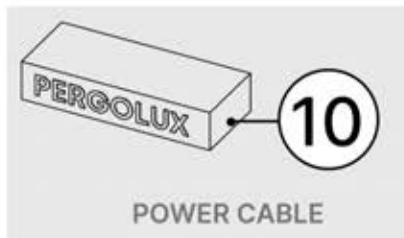
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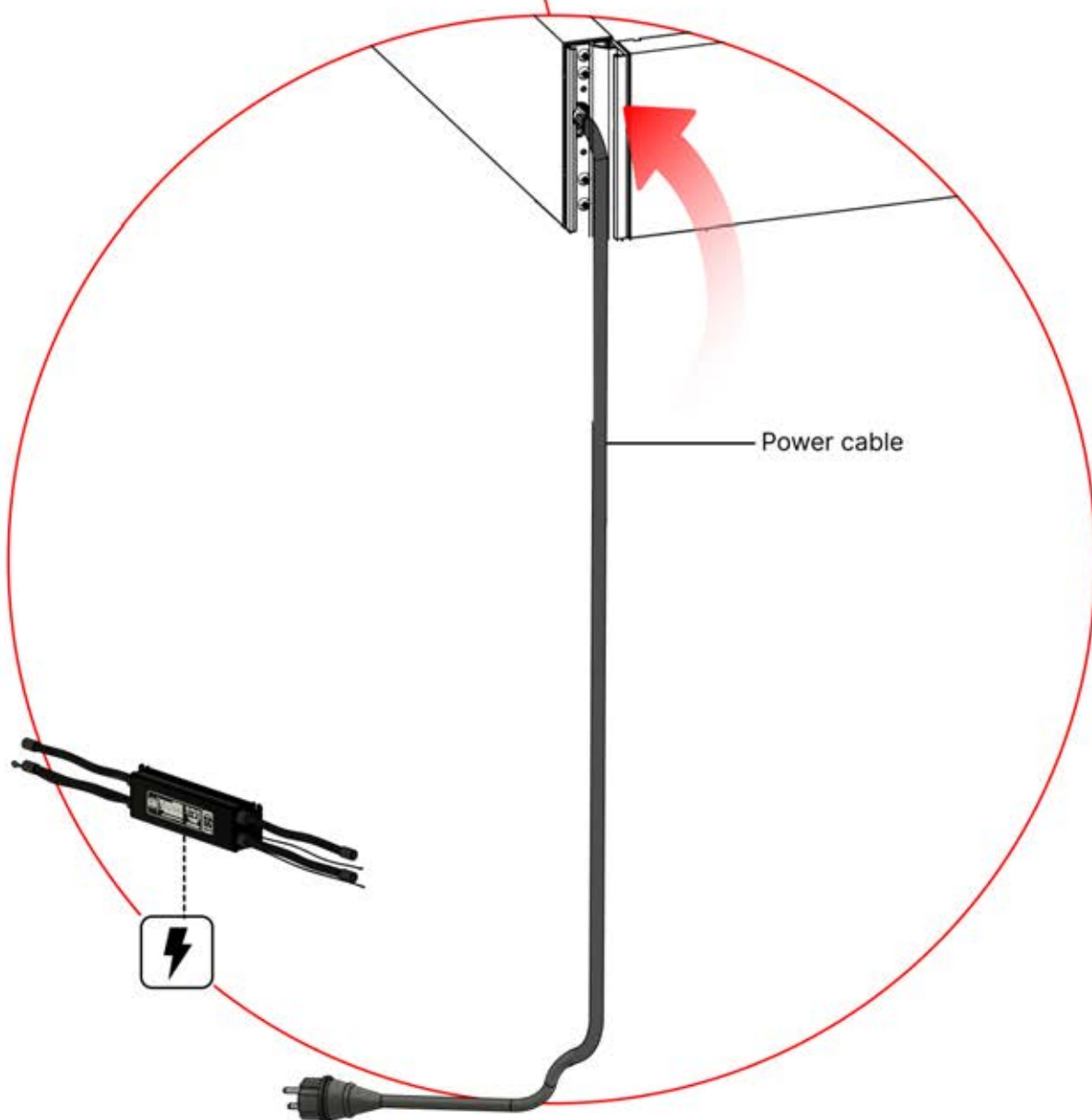
41



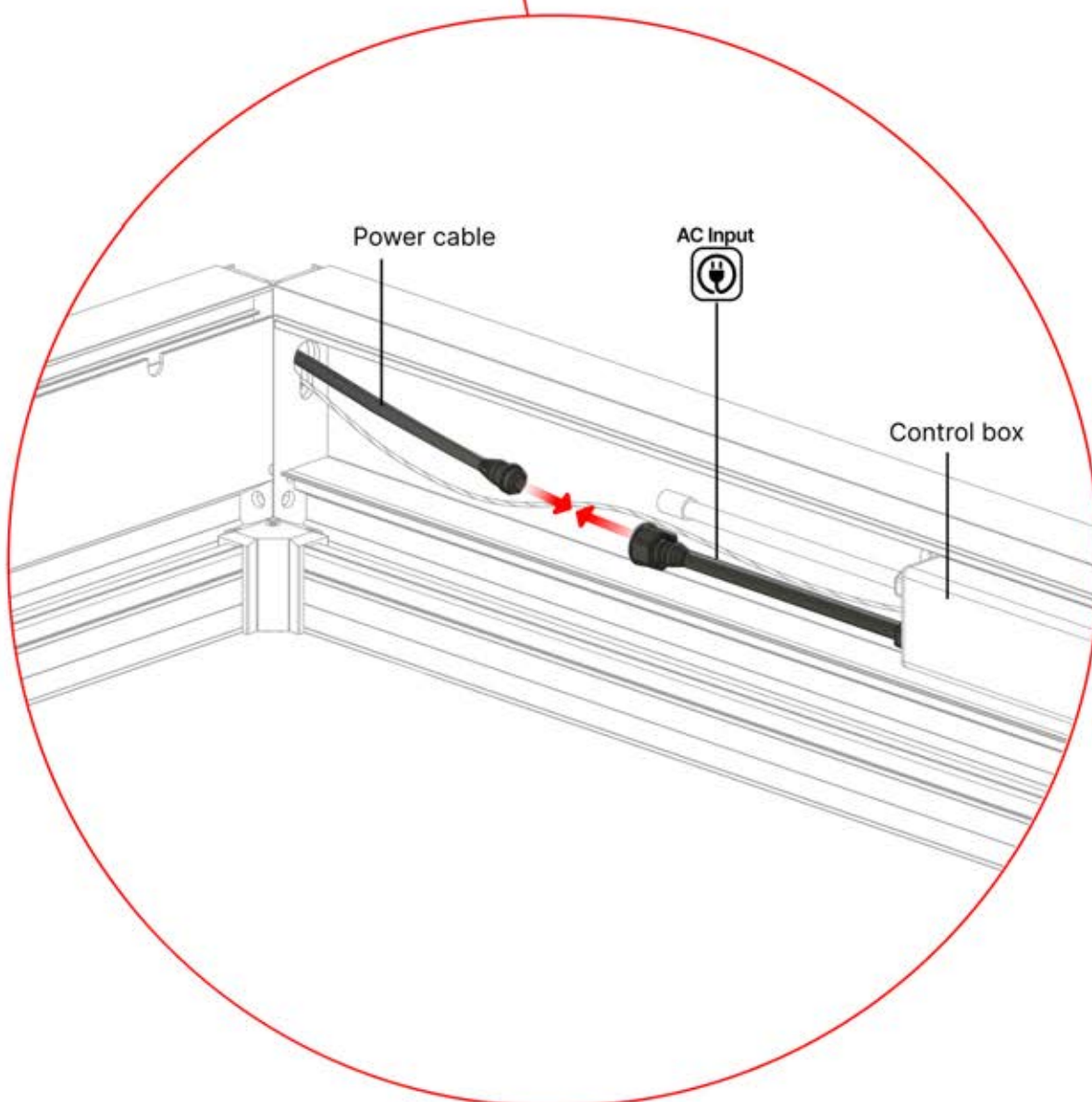
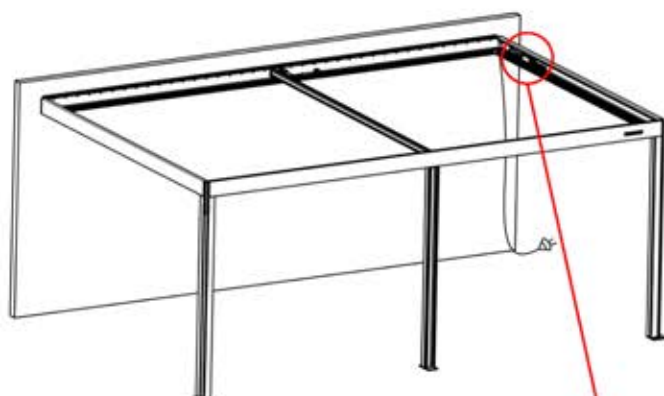
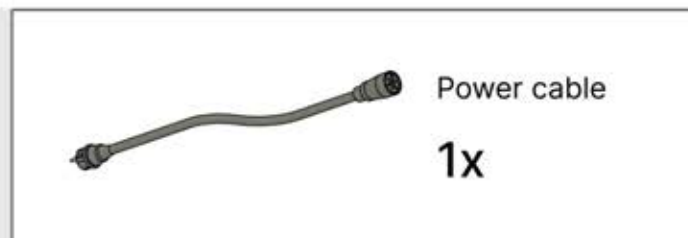
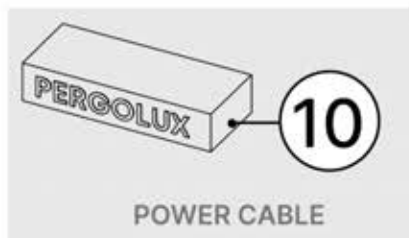
42



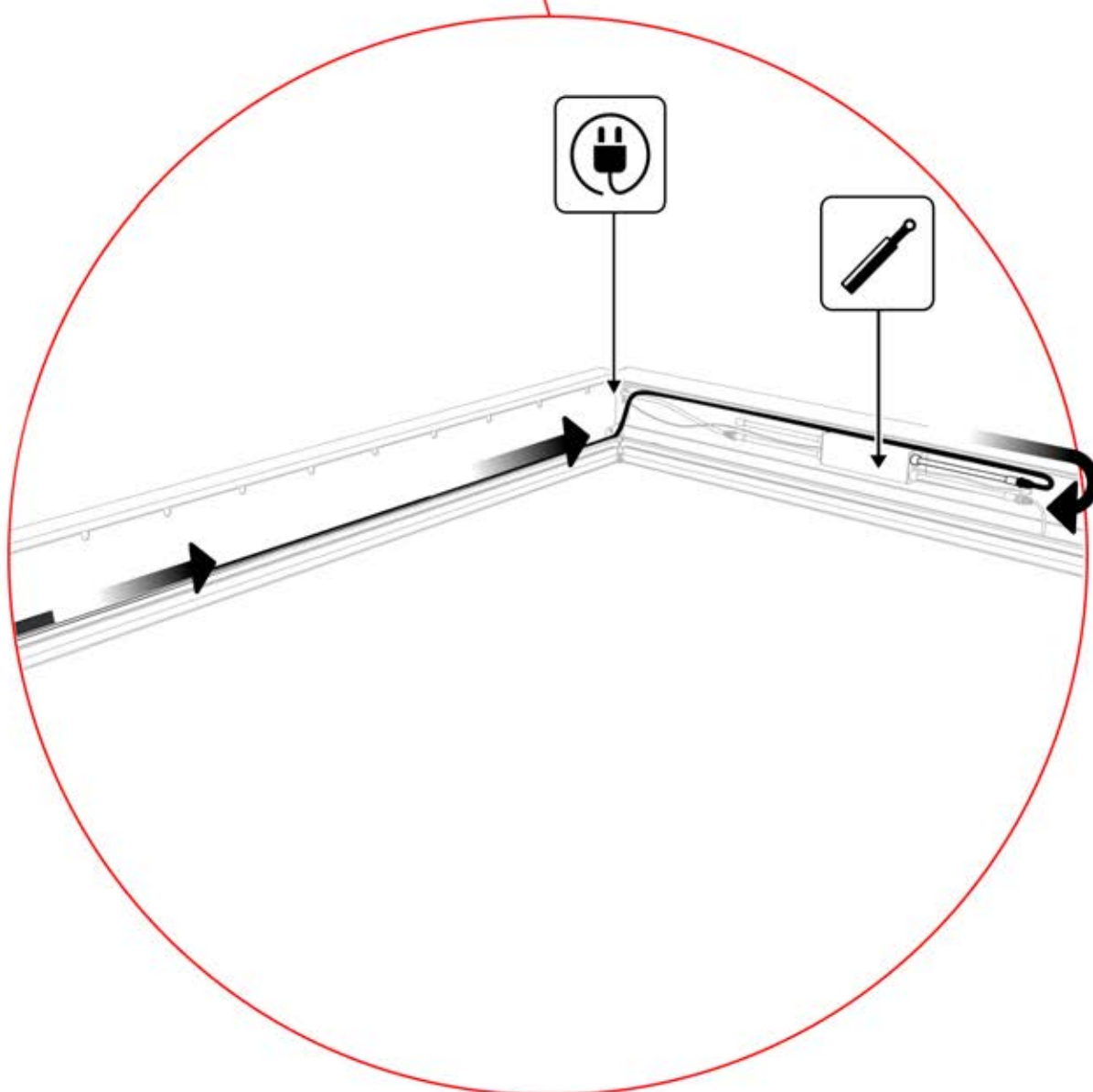
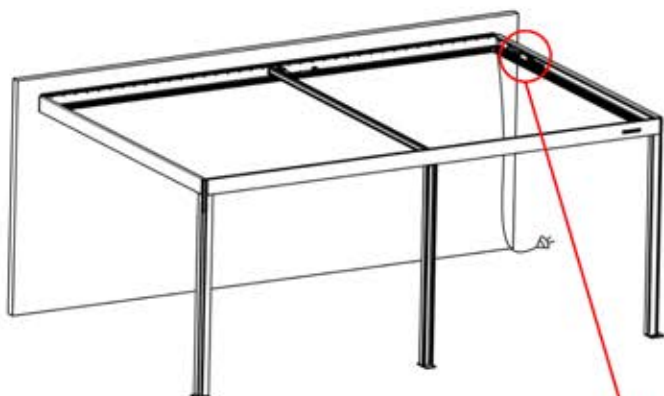
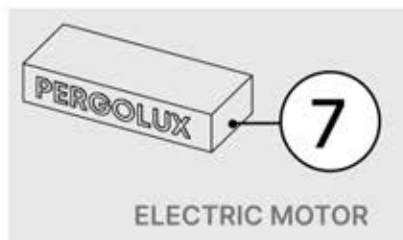
!
Power Cable can be
routed through all
the Poles.



43



44

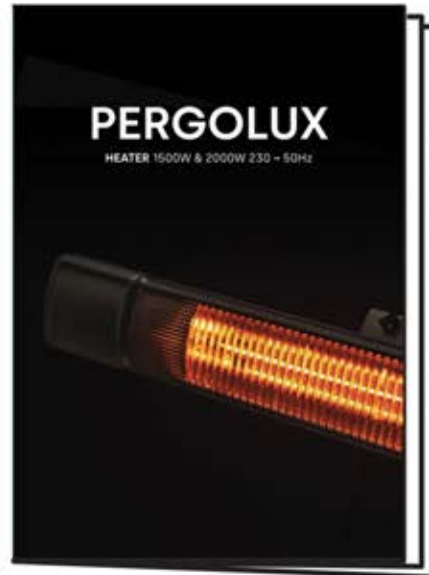


45

1

If you are going to install a heater, do it now.

Follow the instructions in the heater assembly manual.



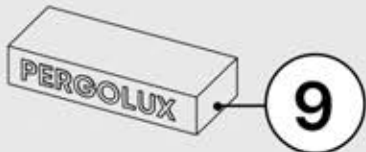
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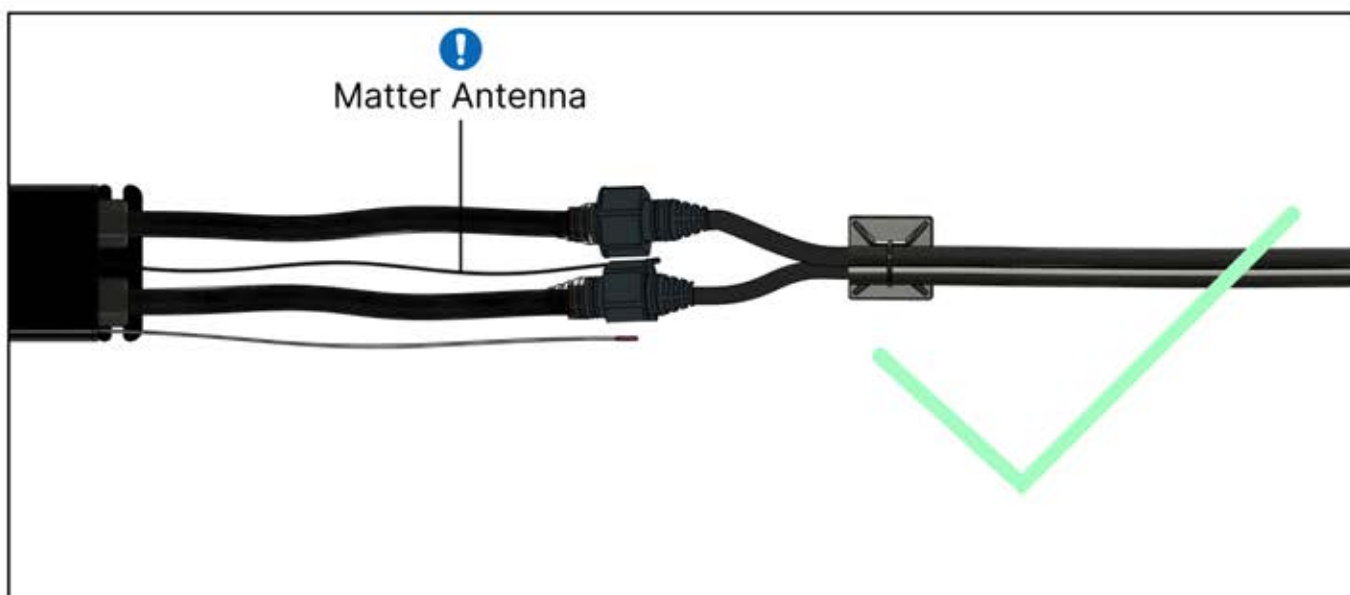
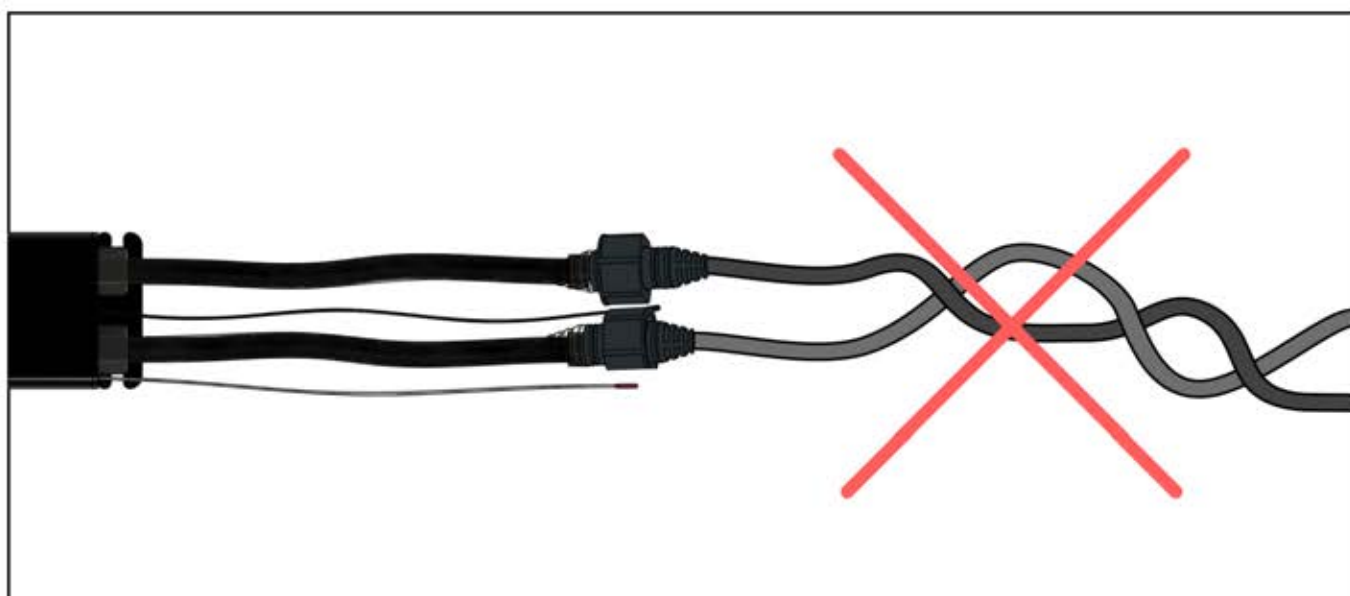
It's time to PAIR the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.

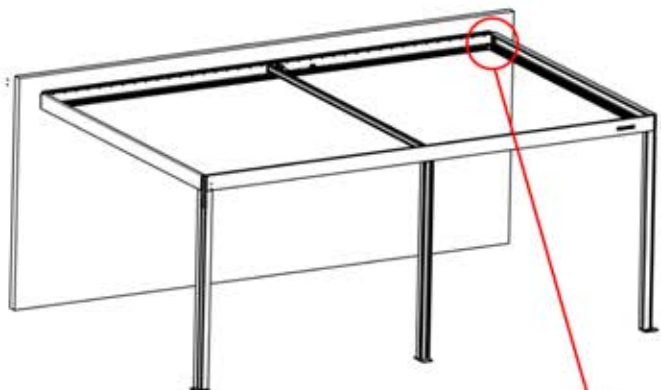


46

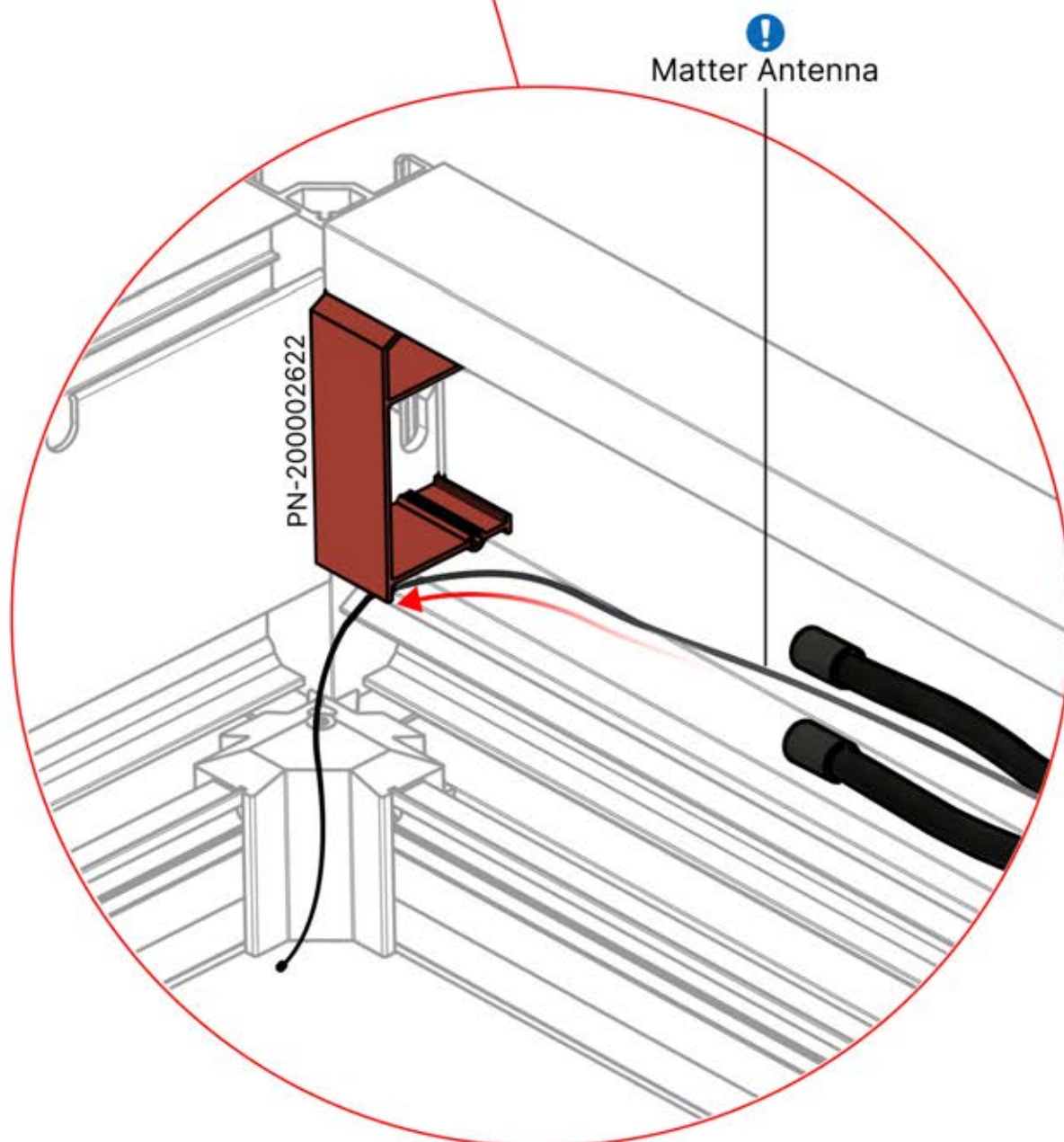
 CONTROL BOX	S4  PN-200002683 5x  PN-200002684 10x
! Keep the Matter Antenna wire free and do not tie them with LED and Motor wire	



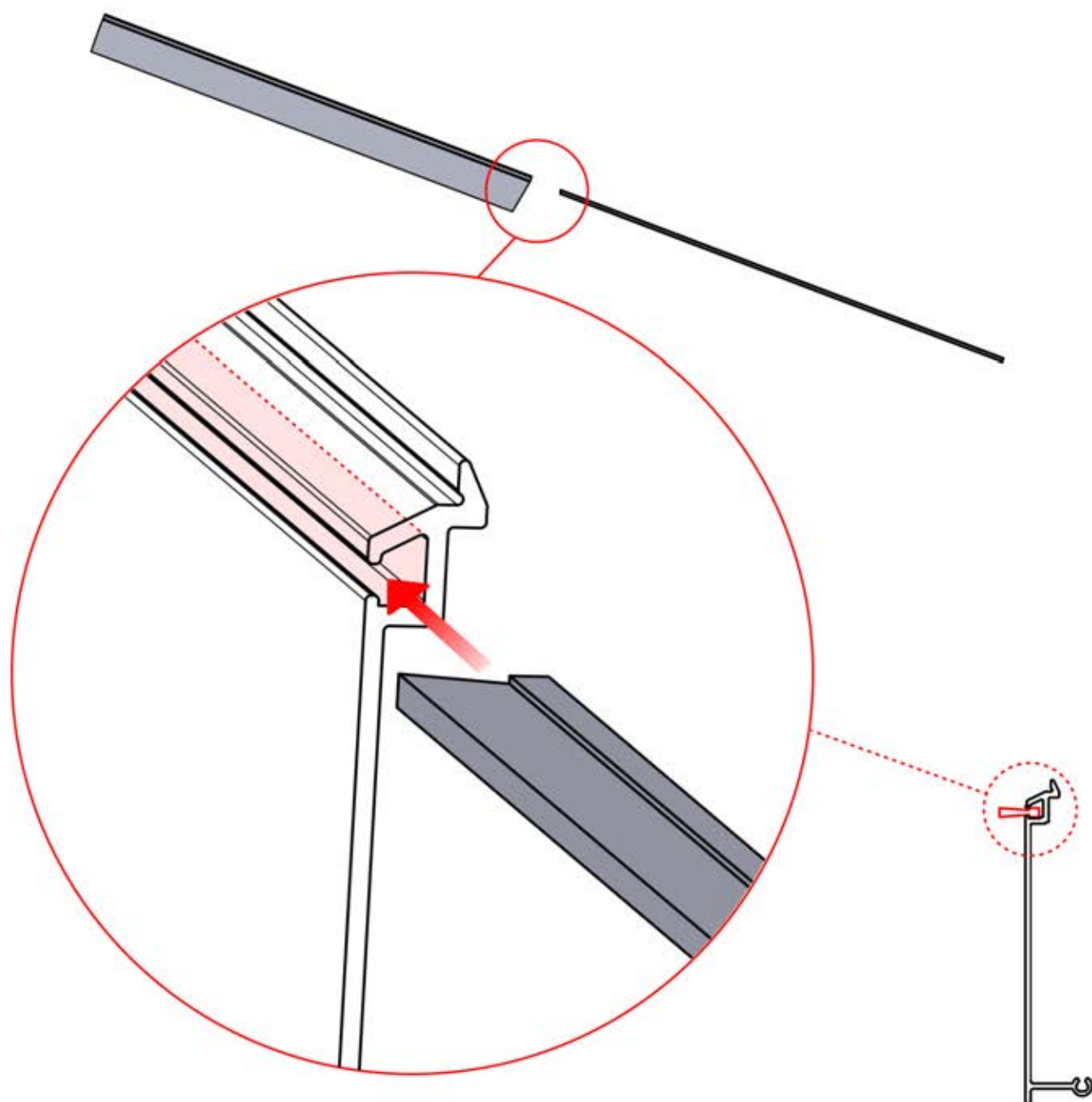
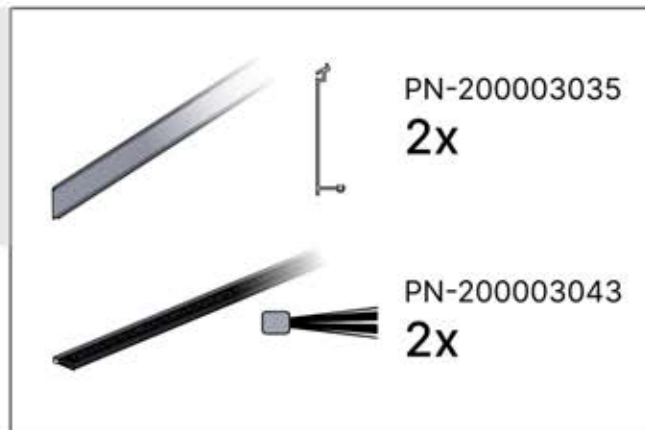
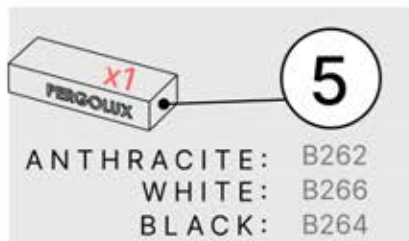
47



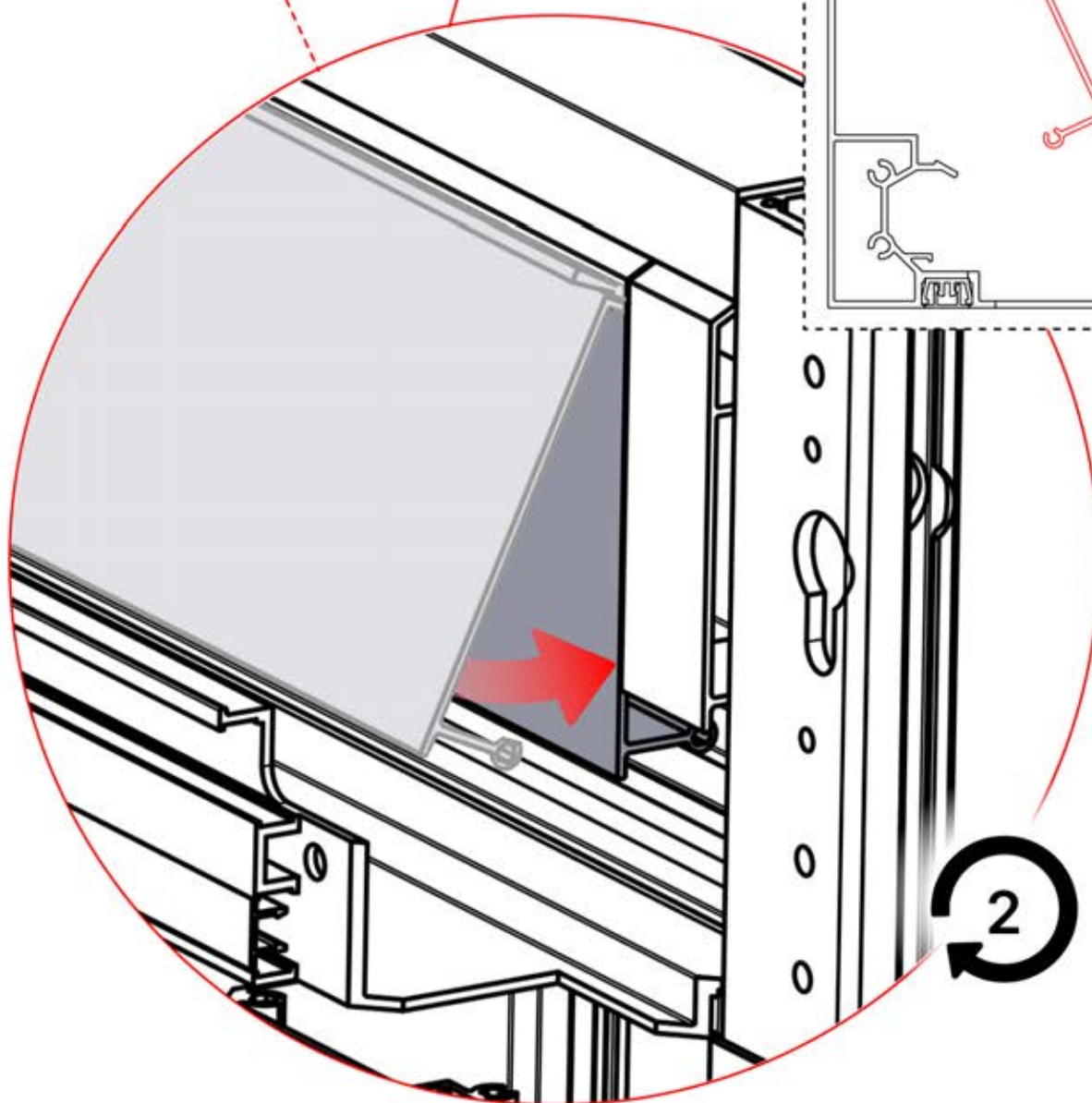
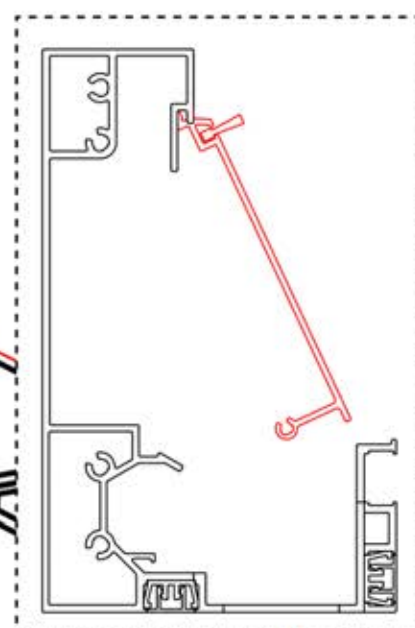
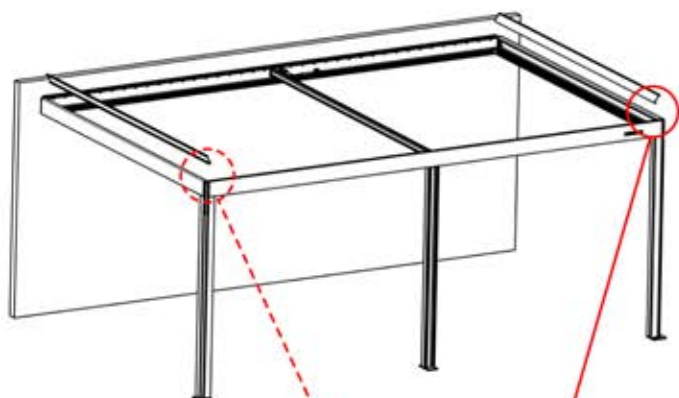
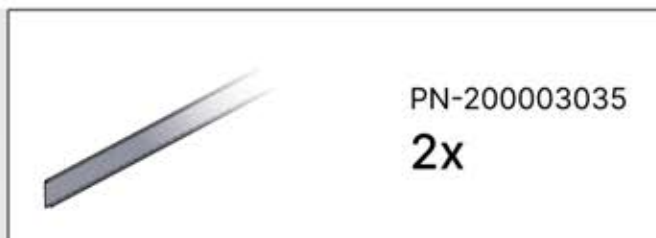
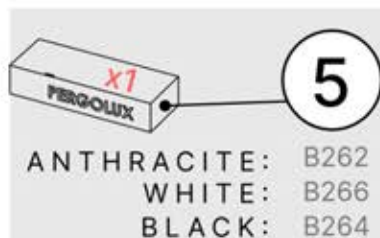

Route the Matter
Antenna and place it
below the highlighted
part(PN-200002622).



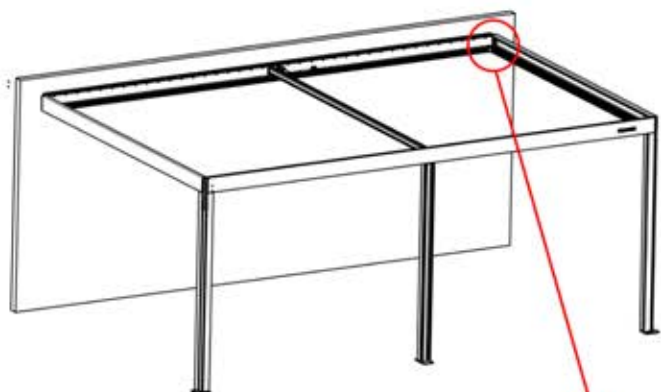
48



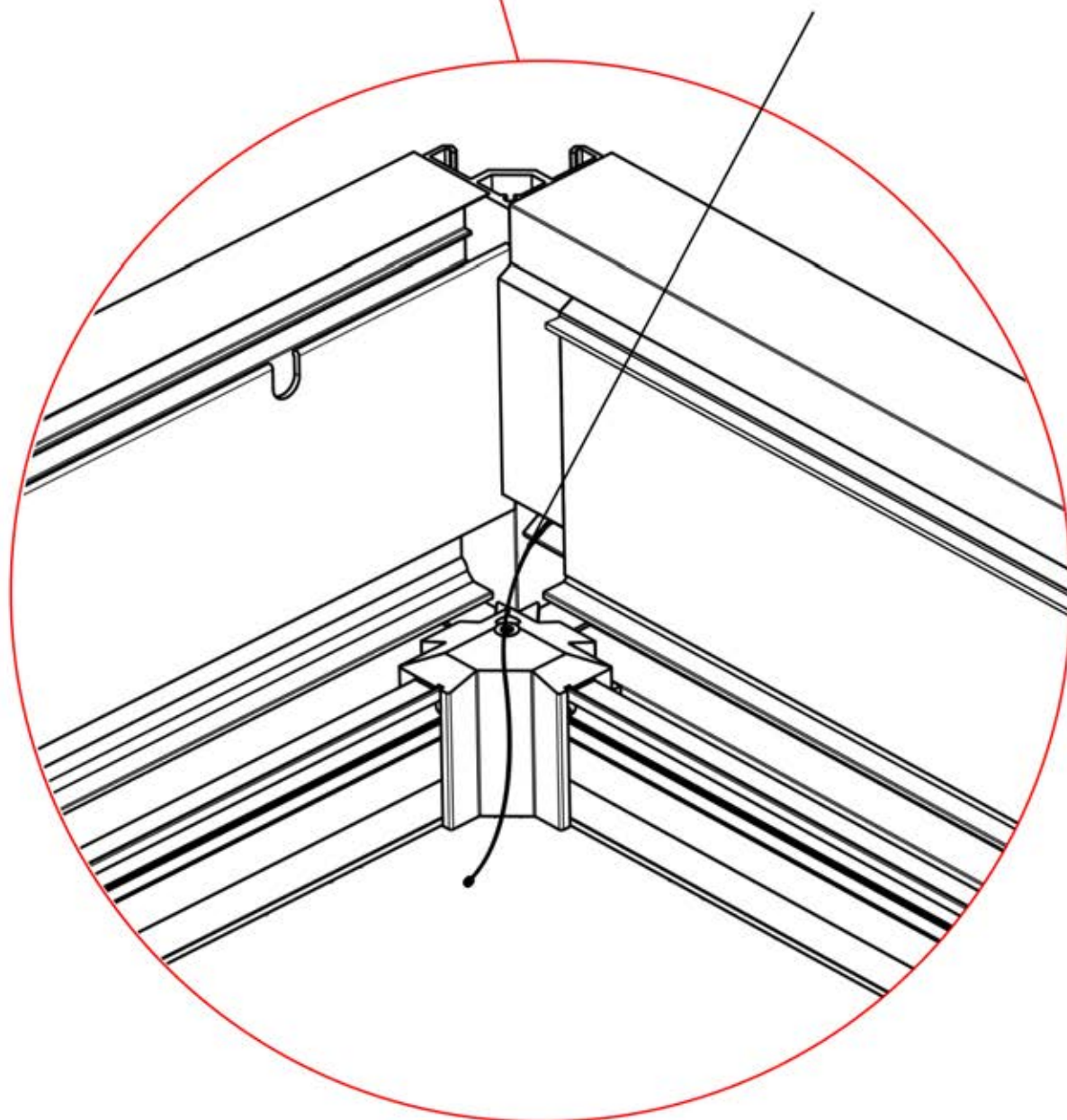
49



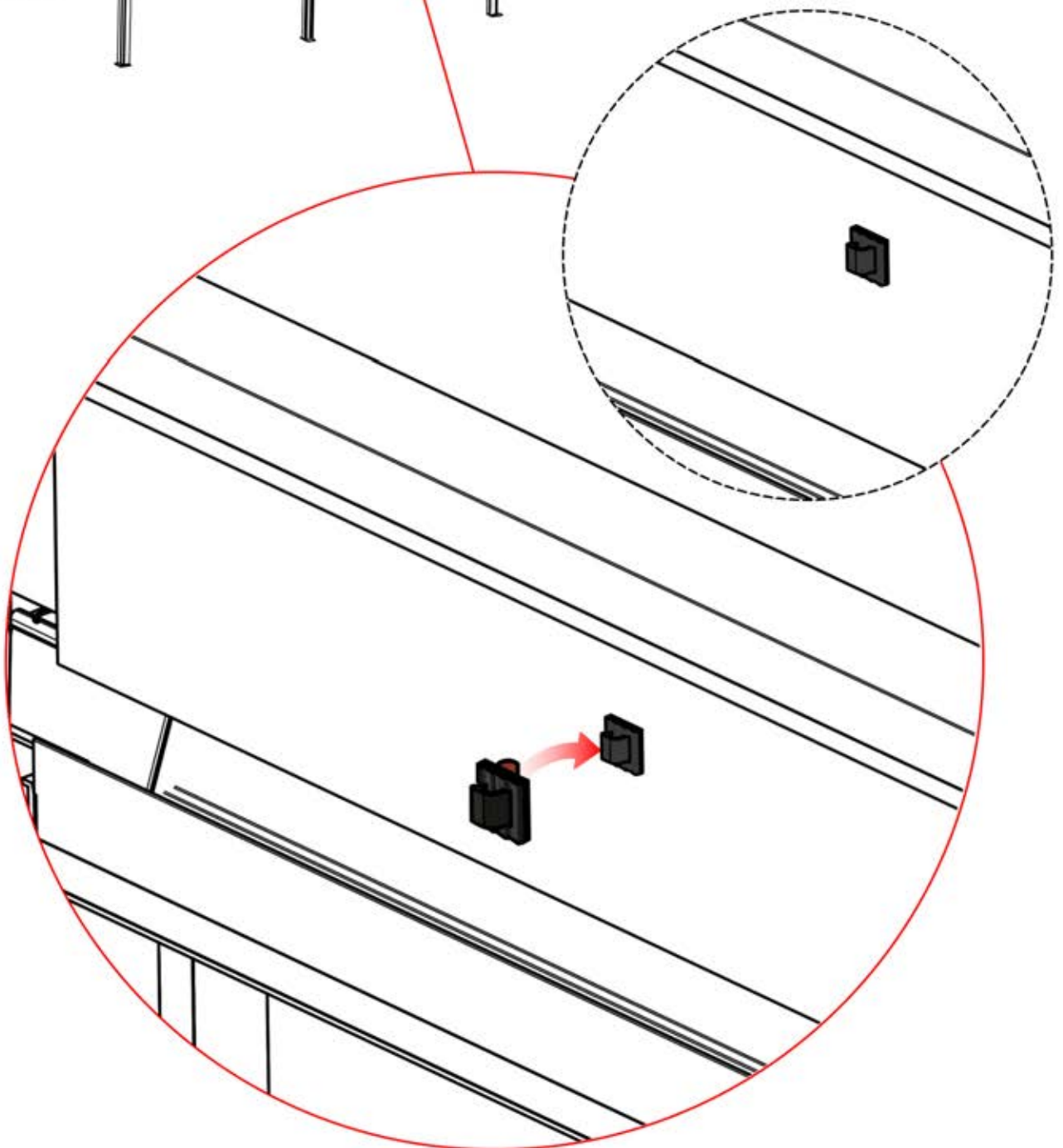
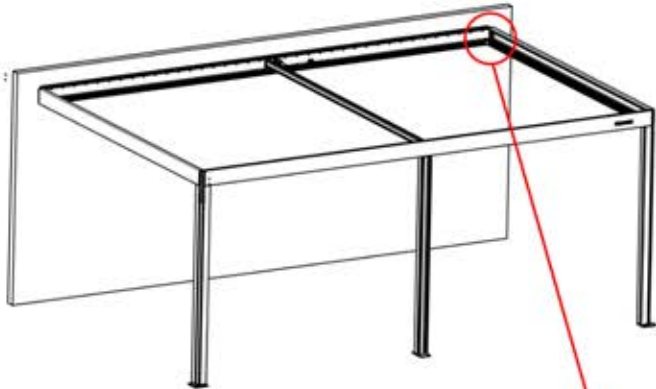
INFORMATION



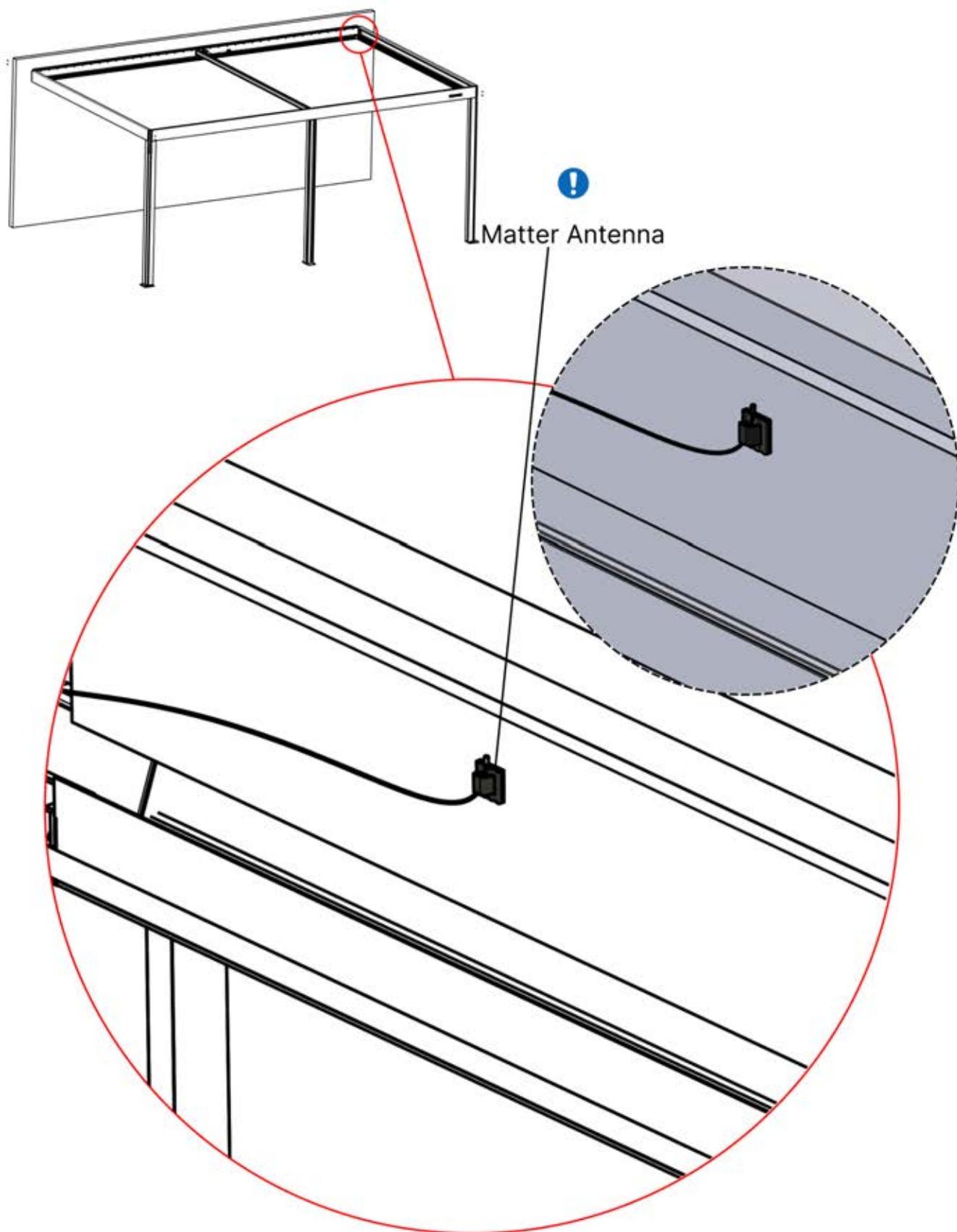
Matter Antenna



50



51

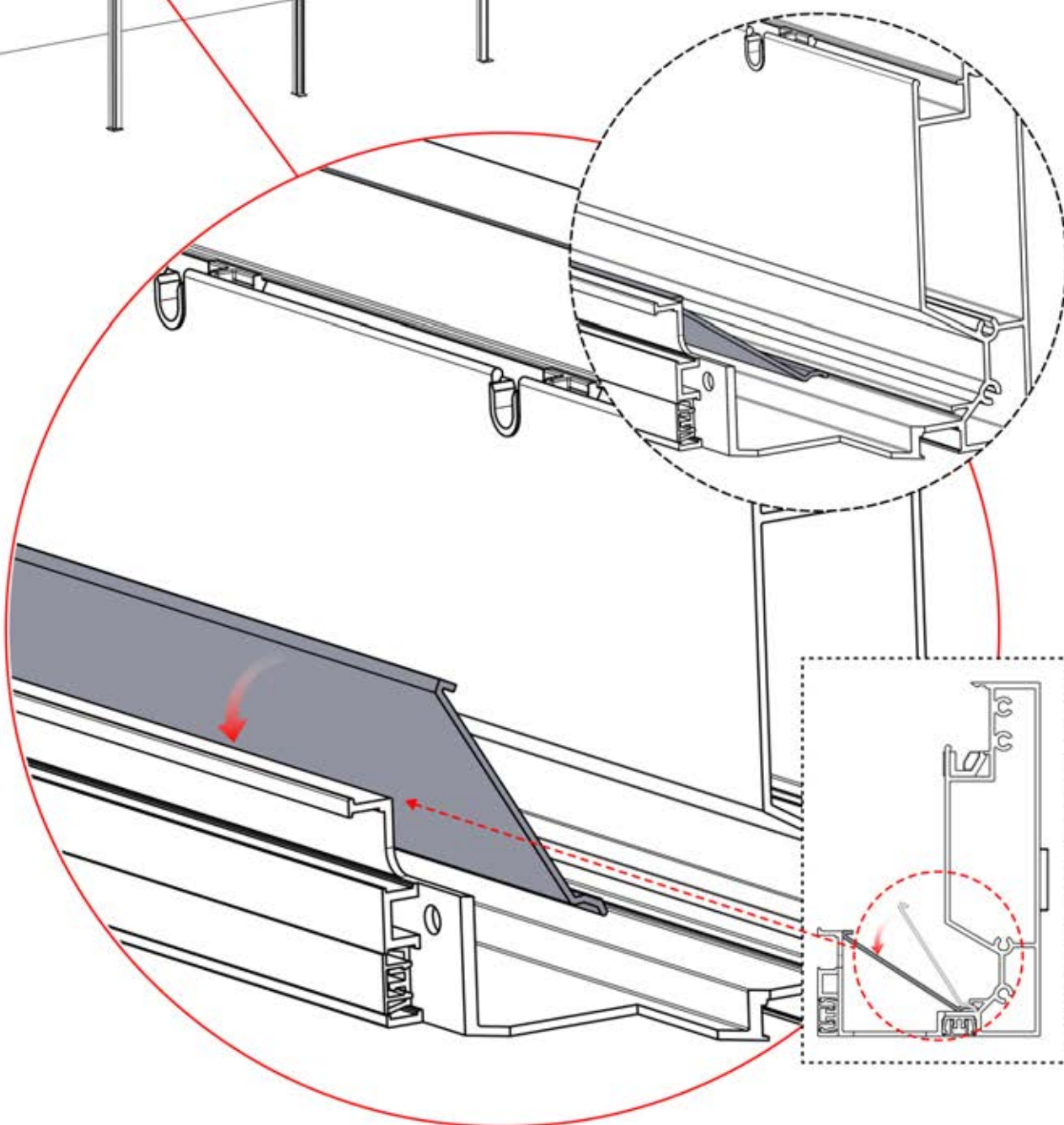
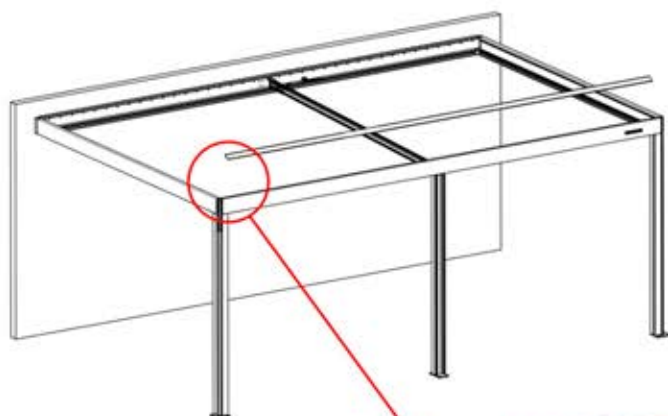
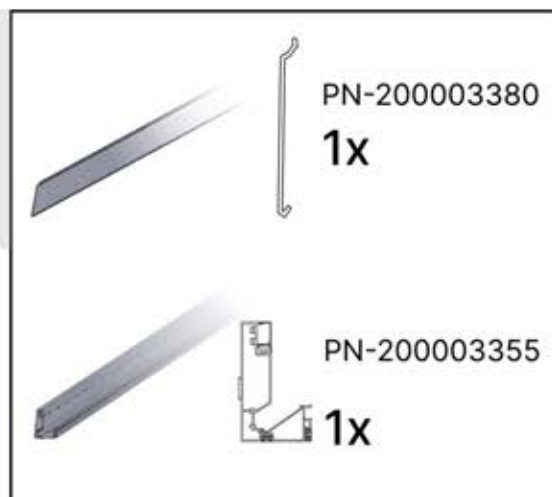


52

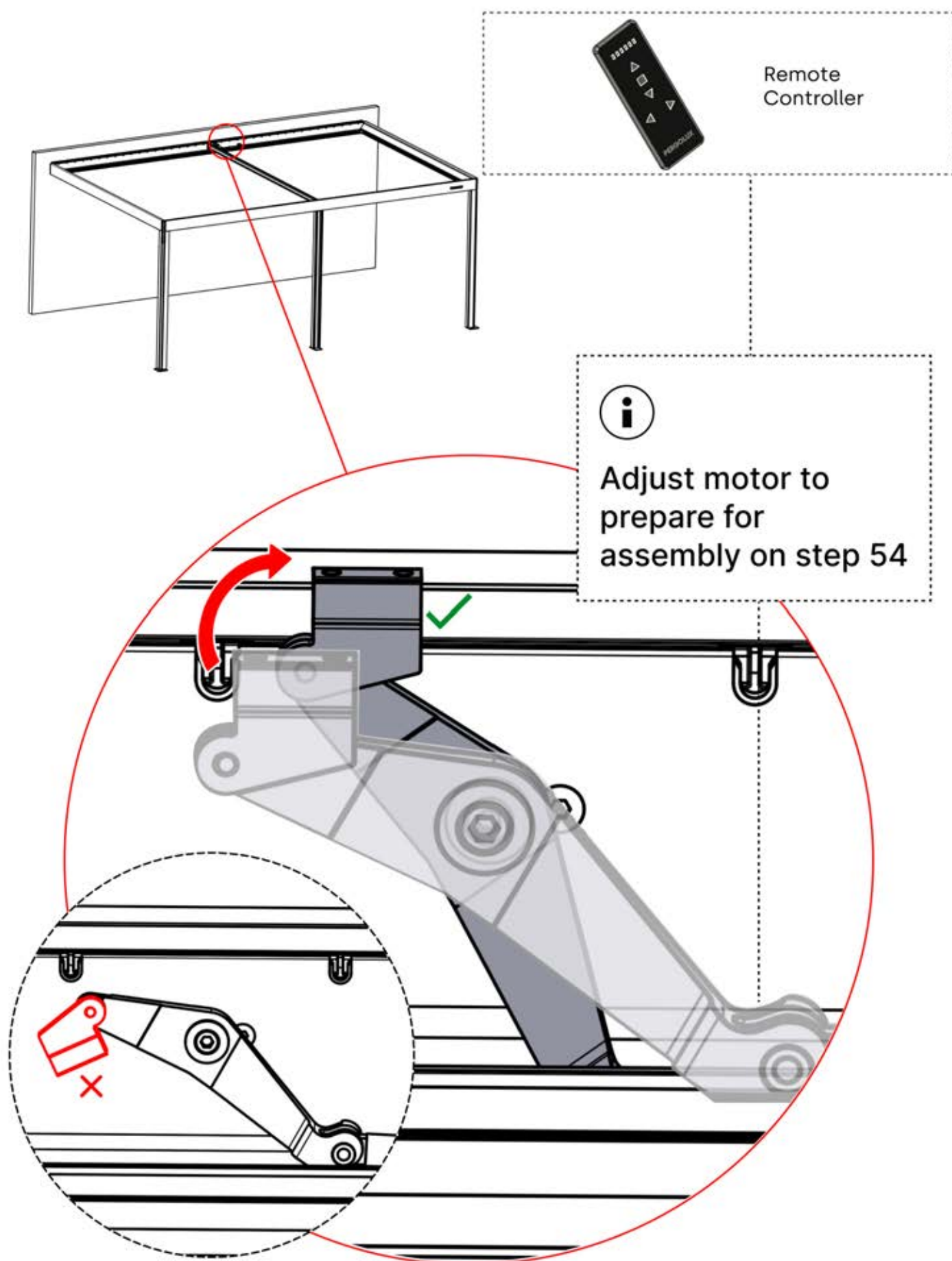


4

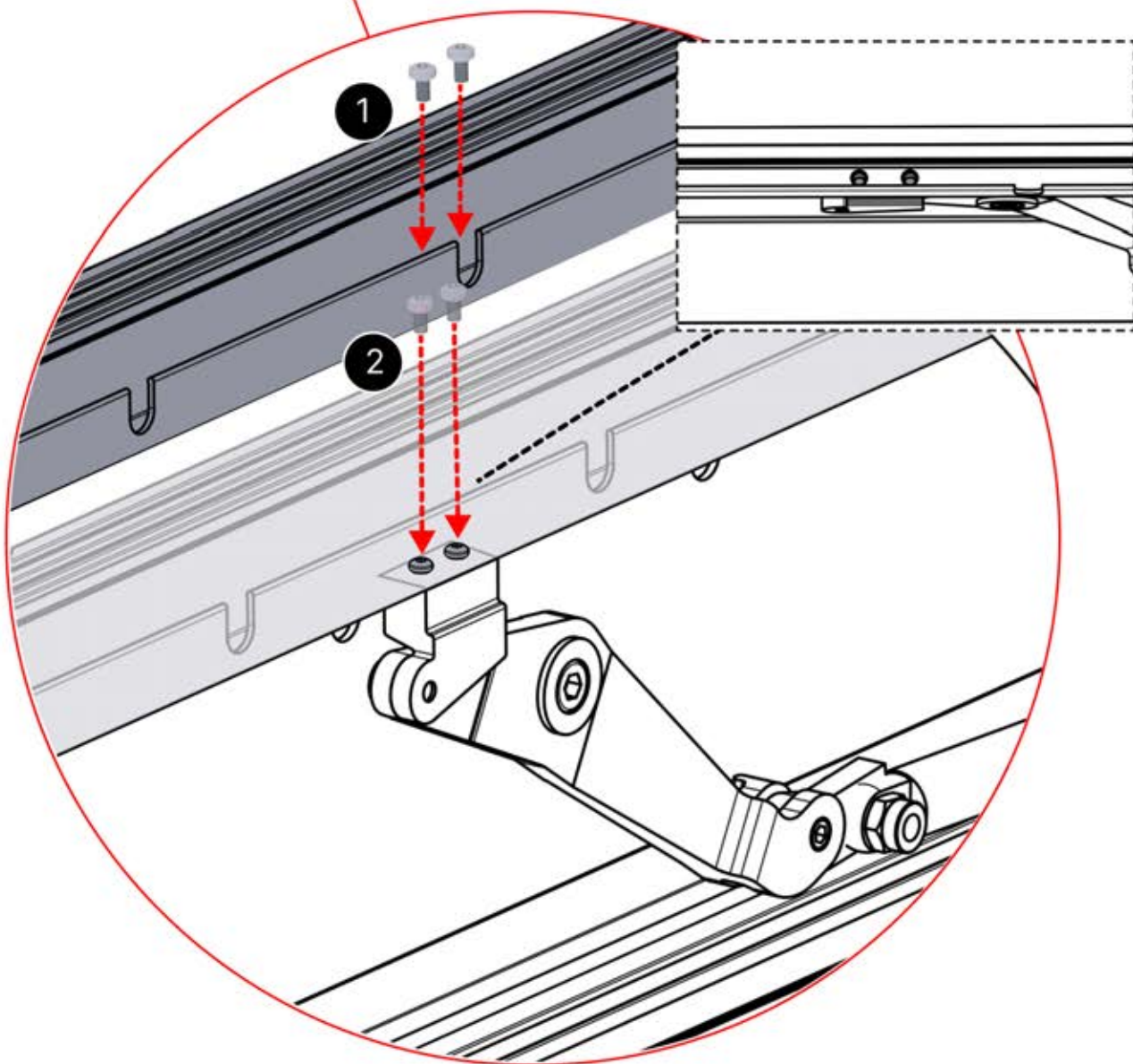
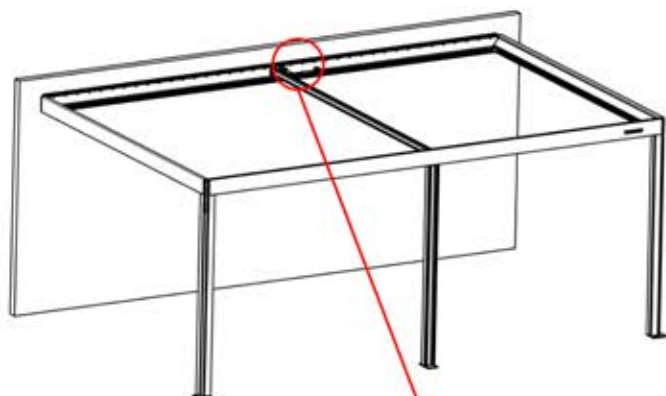
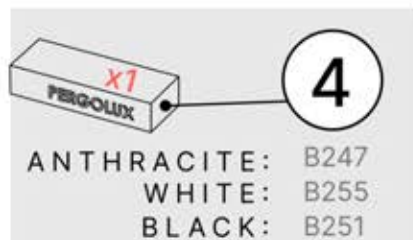
ANTHRACITE: B247
WHITE: B255
BLACK: B251



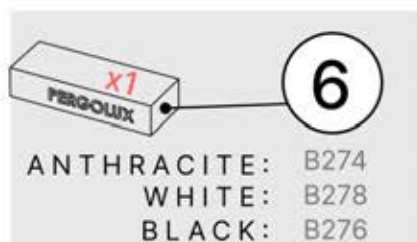
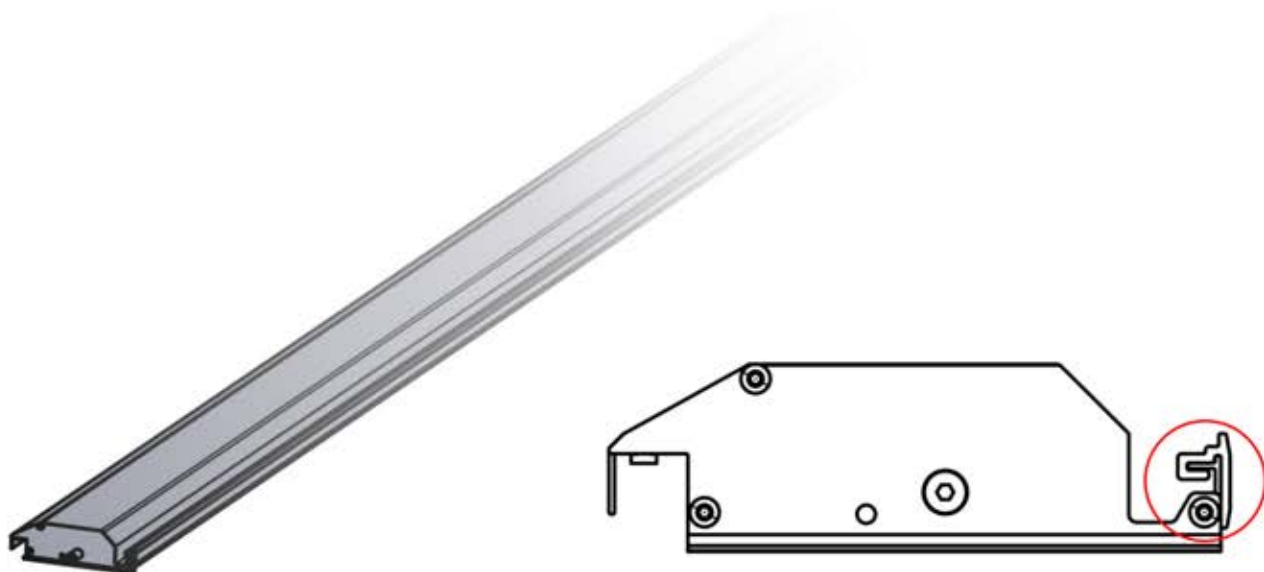
53



54



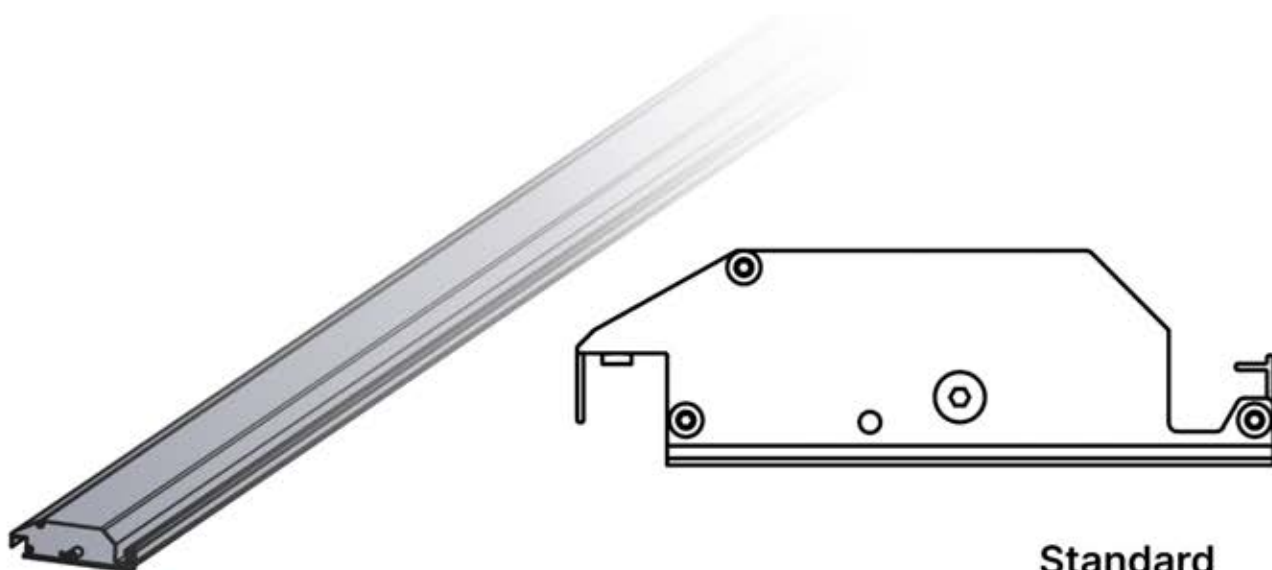
ITEMS IN BOX



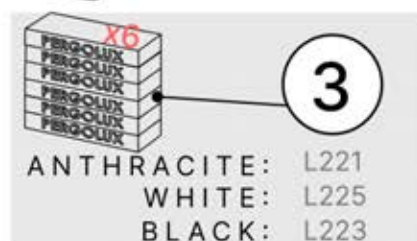
PLR 150 G2 PRO LOUVER END WM
3M PACKAGE

PN-200002957

1x



Standard



PLR 150 G2 PRO LOUVER STD WM
3M PACKAGE

PN-200002879

37x

55



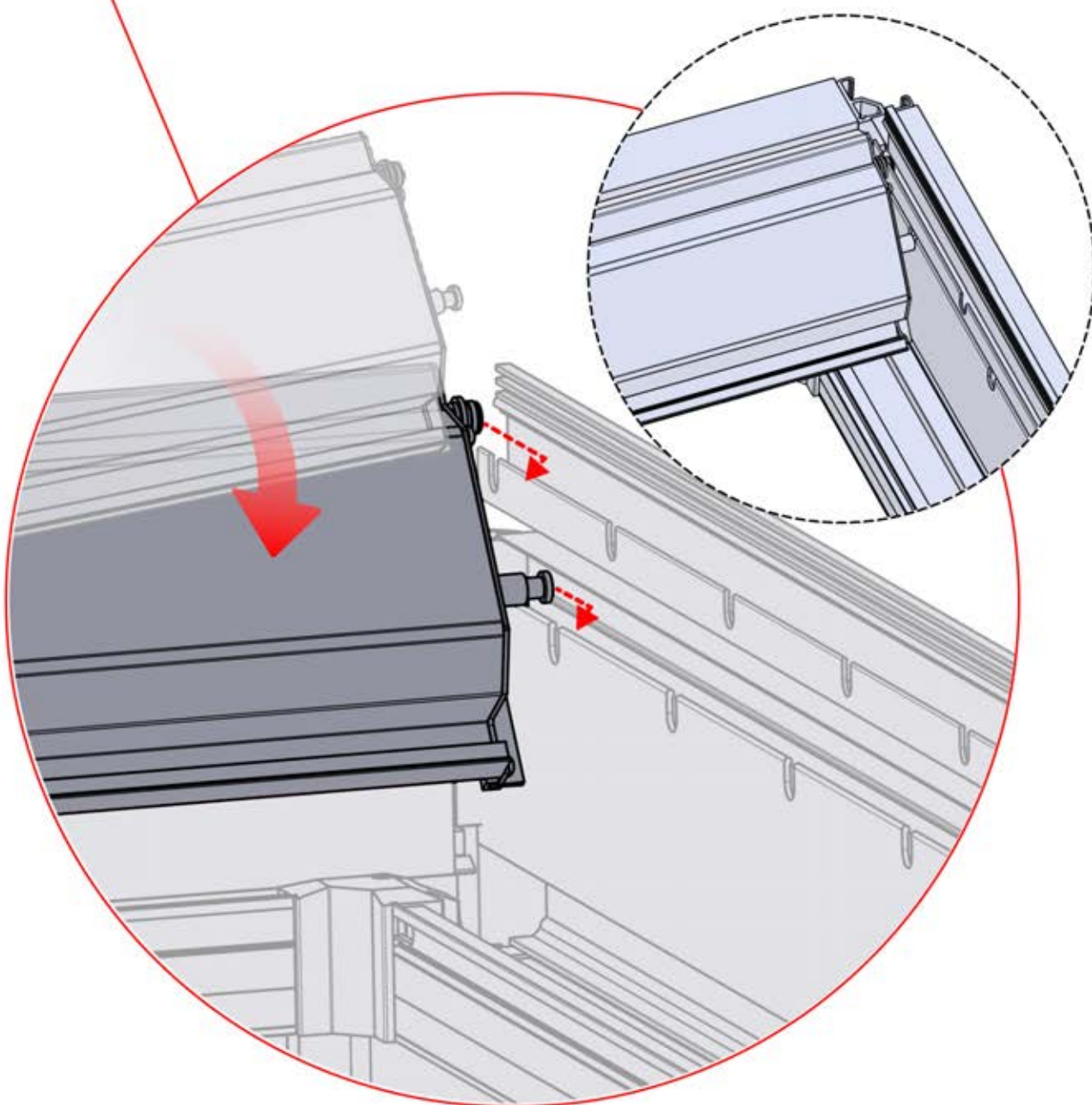
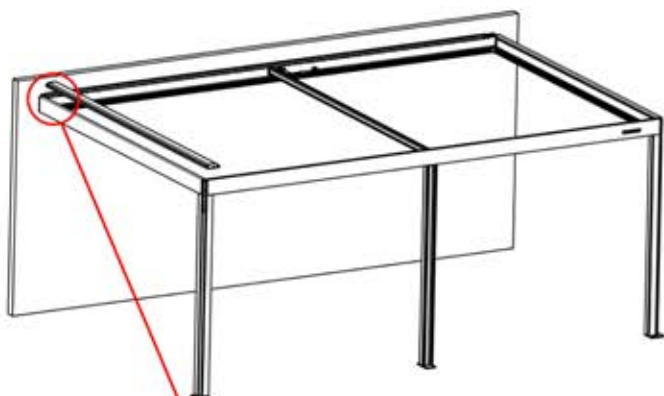
3

ANTHRACITE: L221
WHITE: L225
BLACK: L223

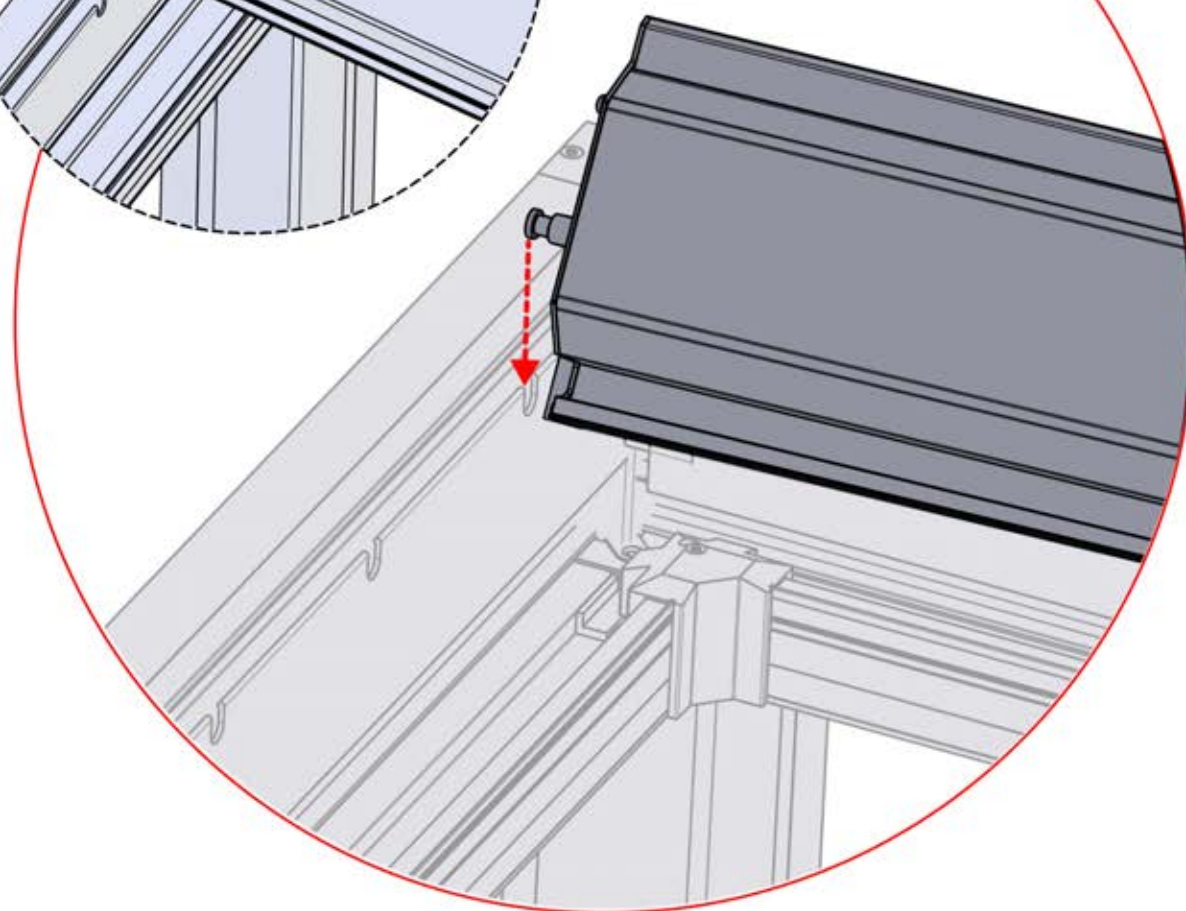
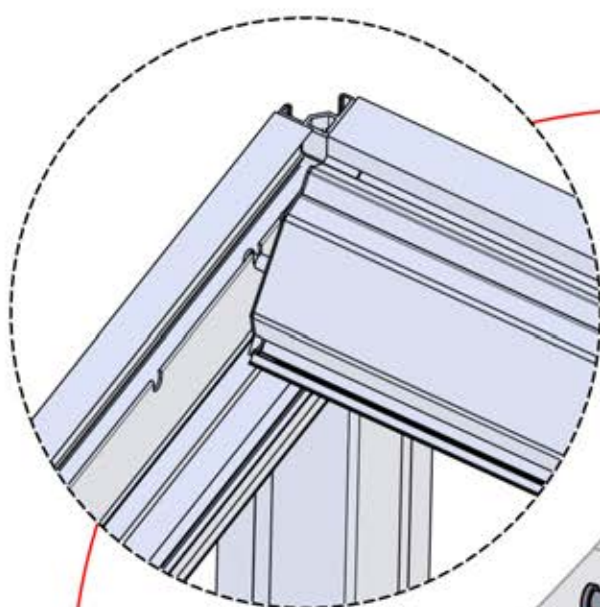
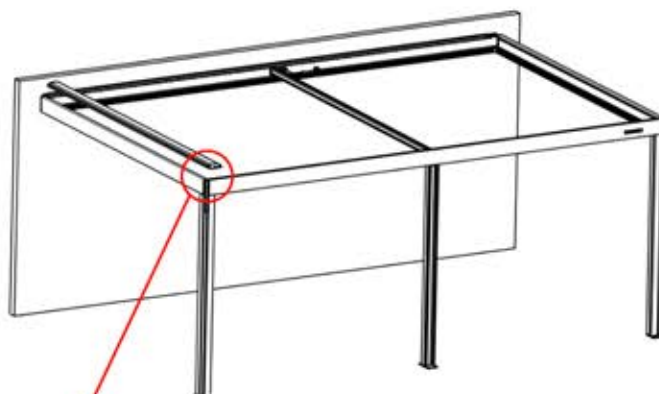
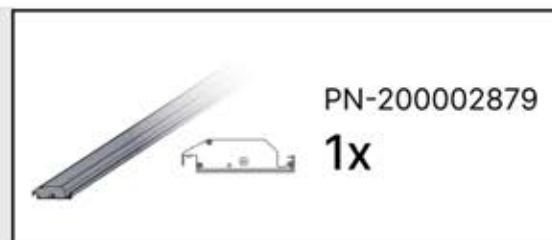
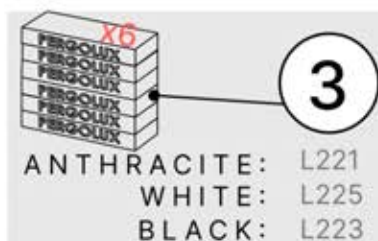


PN-200002879

1x



56

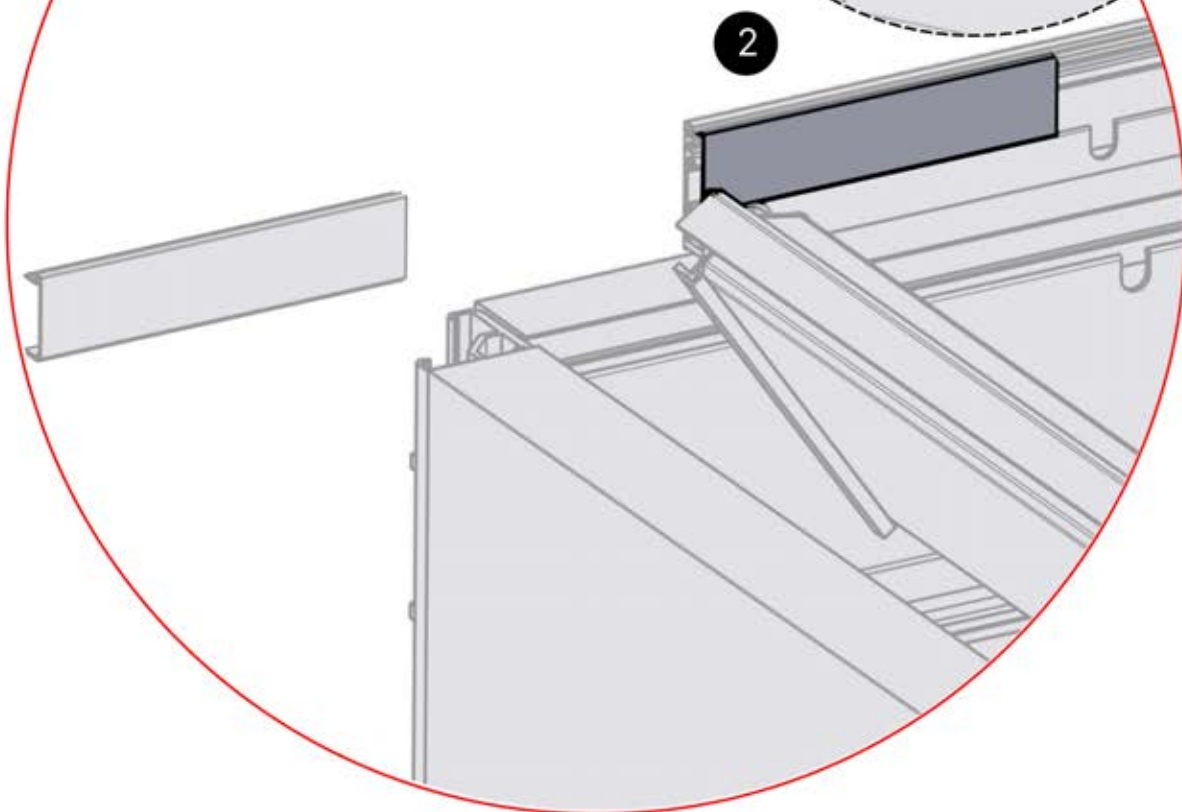
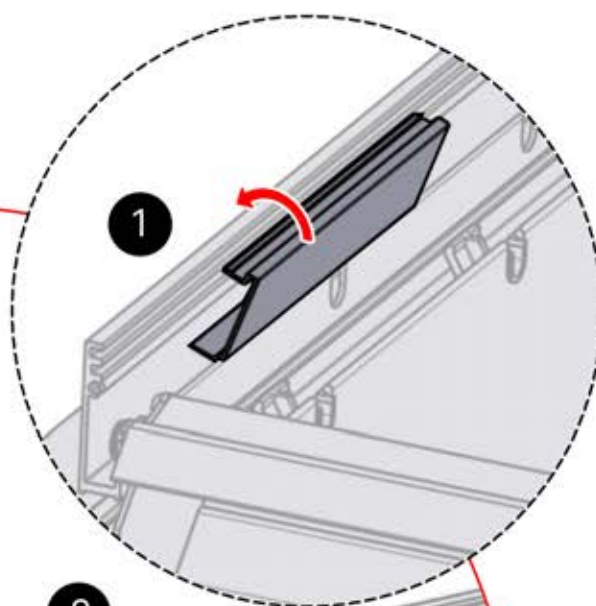
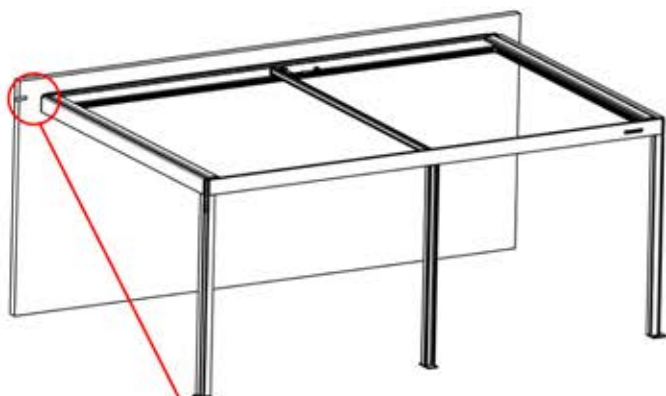
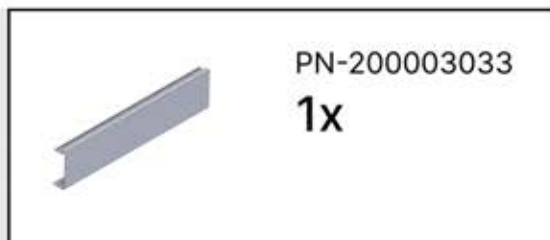


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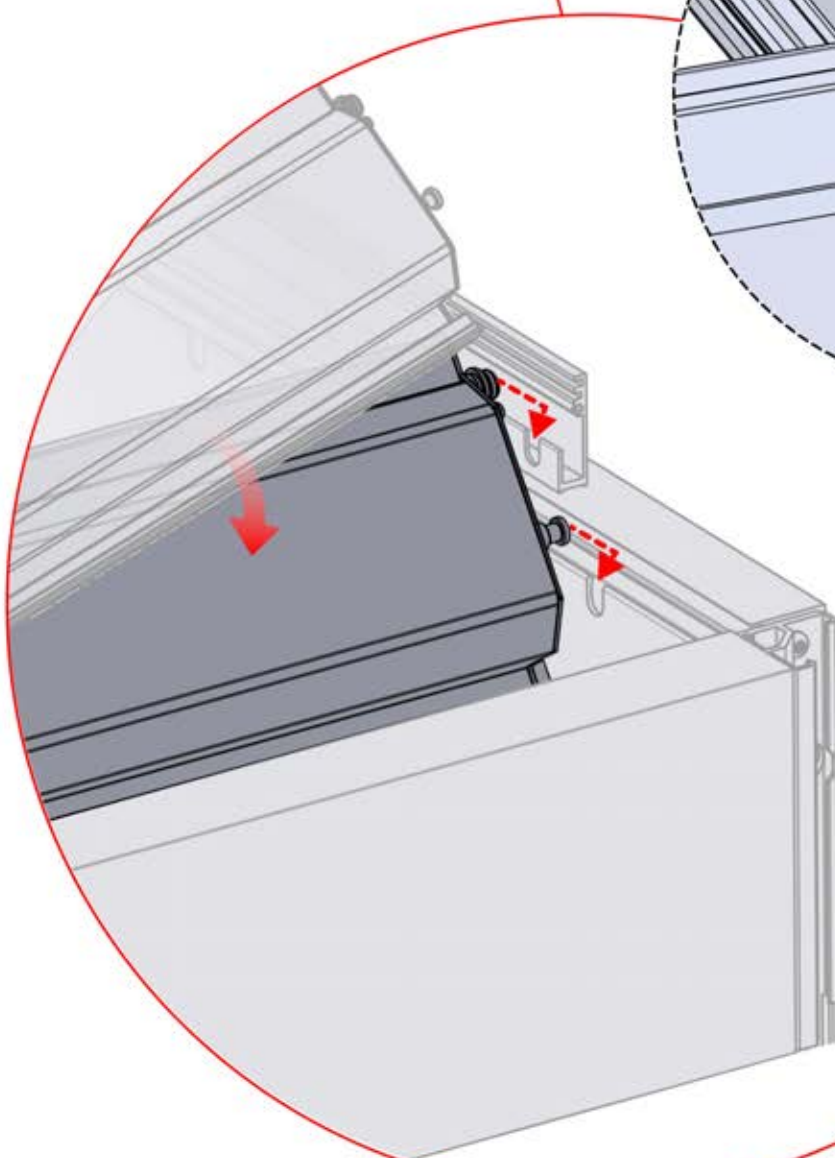
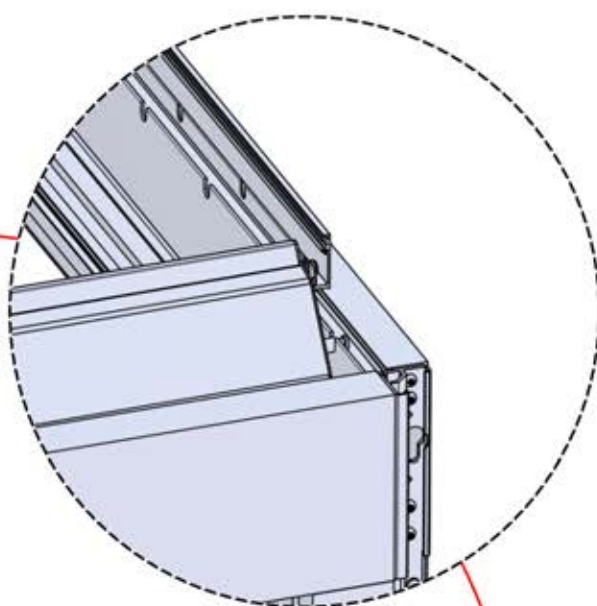
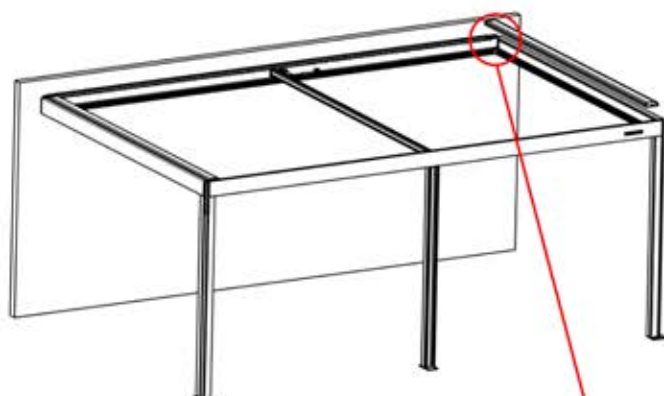
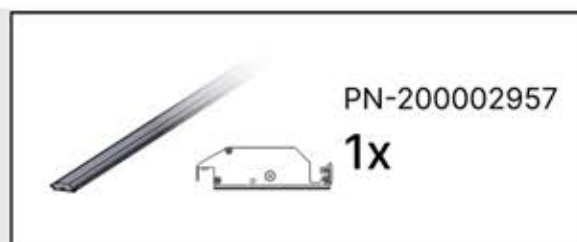
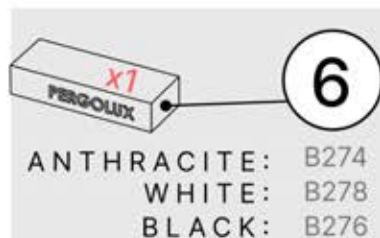


4

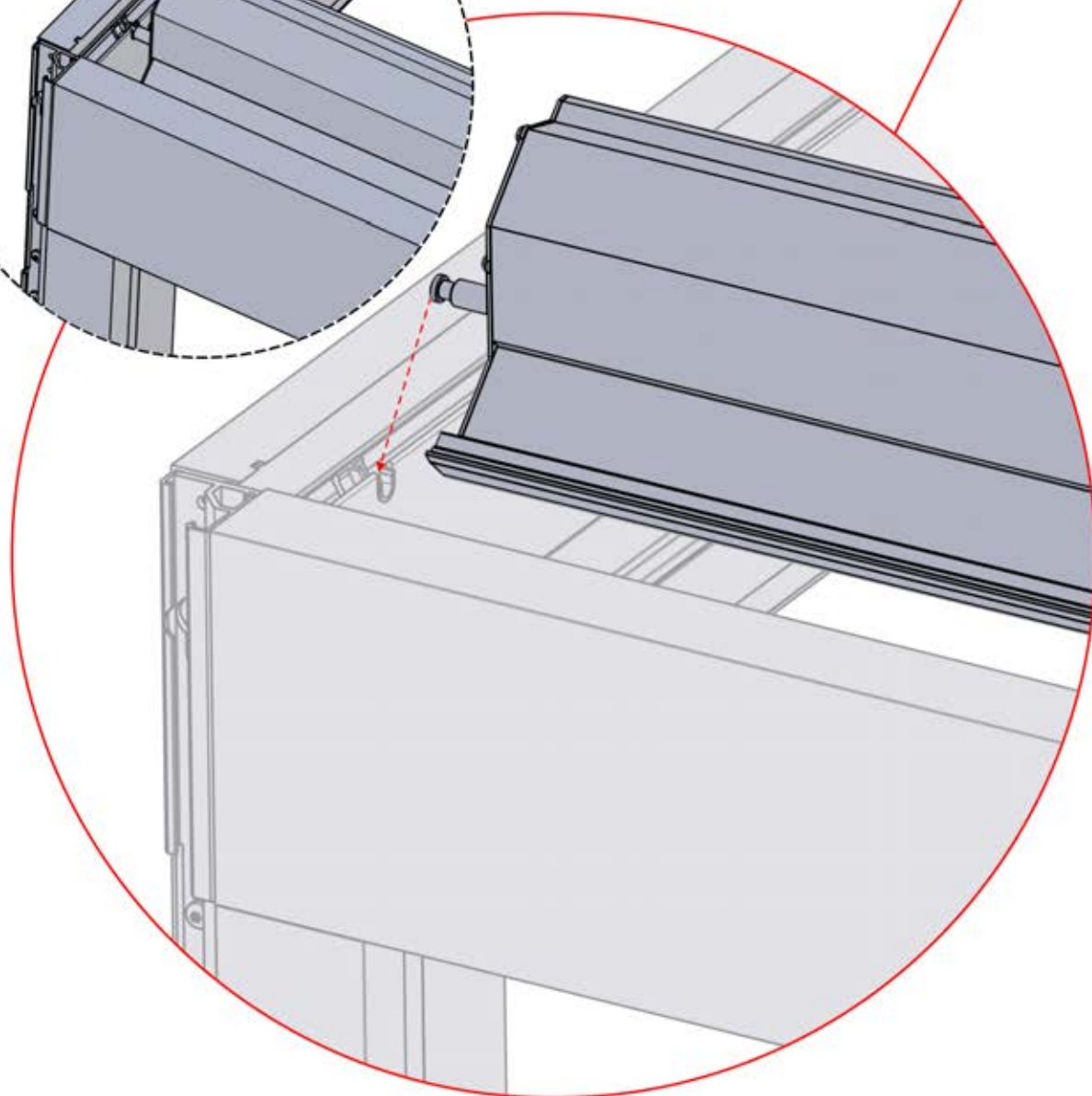
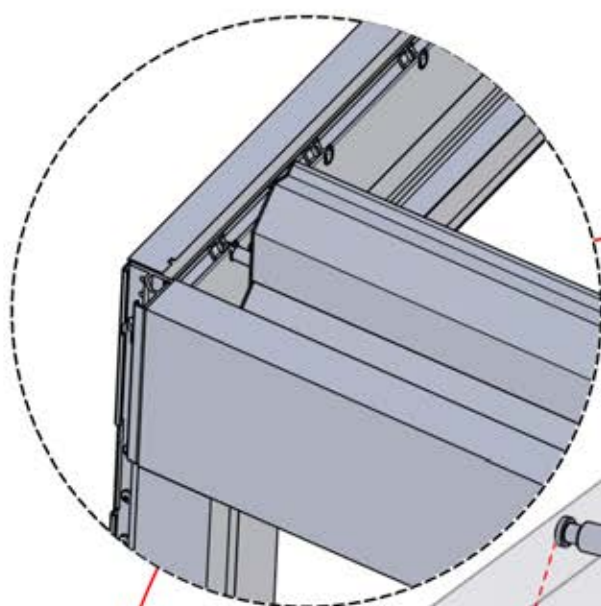
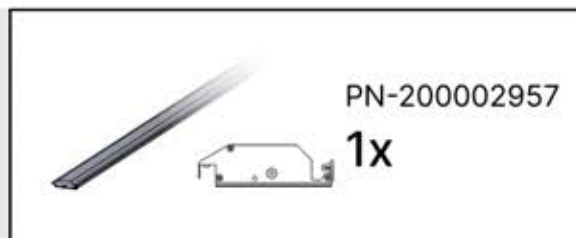
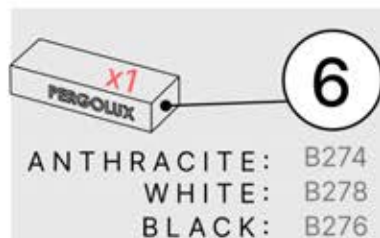
ANTHRACITE: B247
WHITE: B255
BLACK: B251



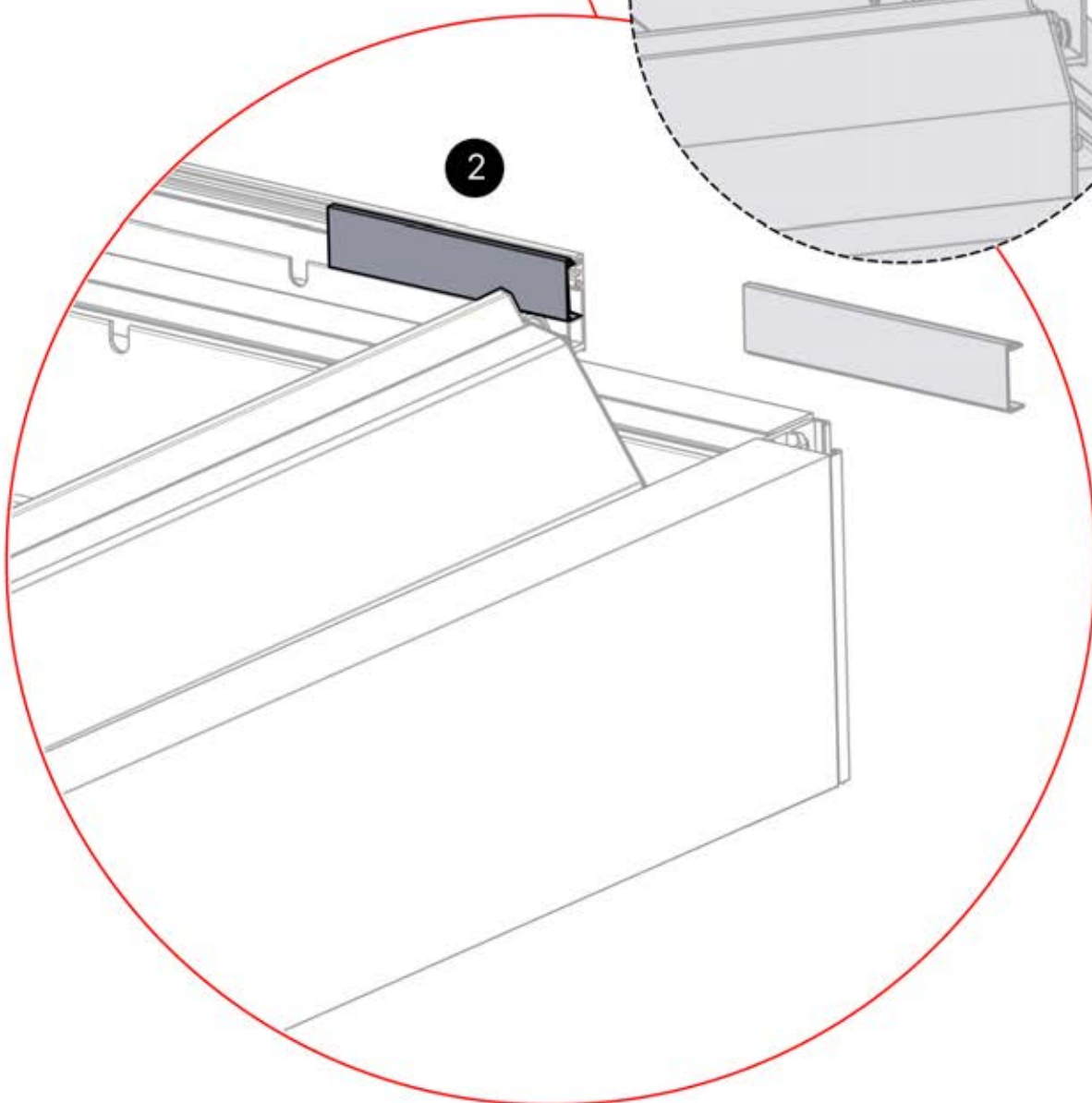
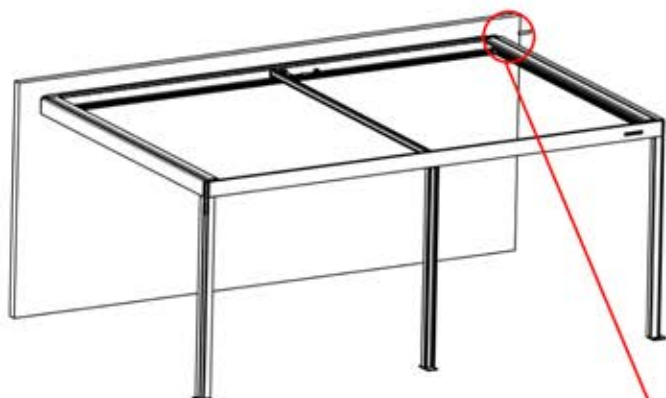
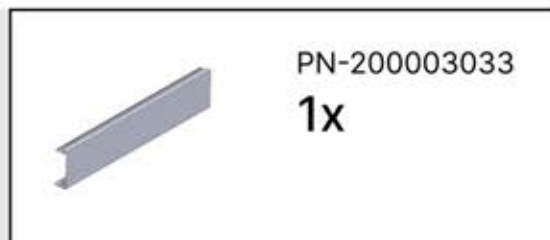
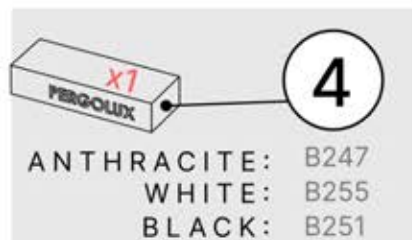
58



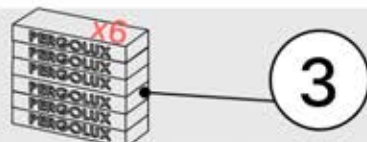
59



60



61



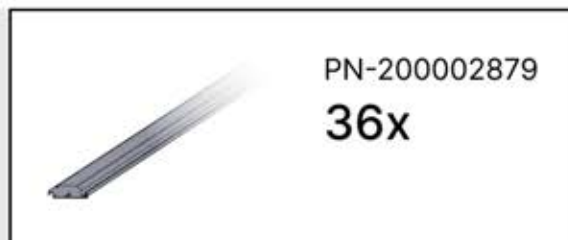
3

ANTHRACITE: L221
WHITE: L225
BLACK: L223

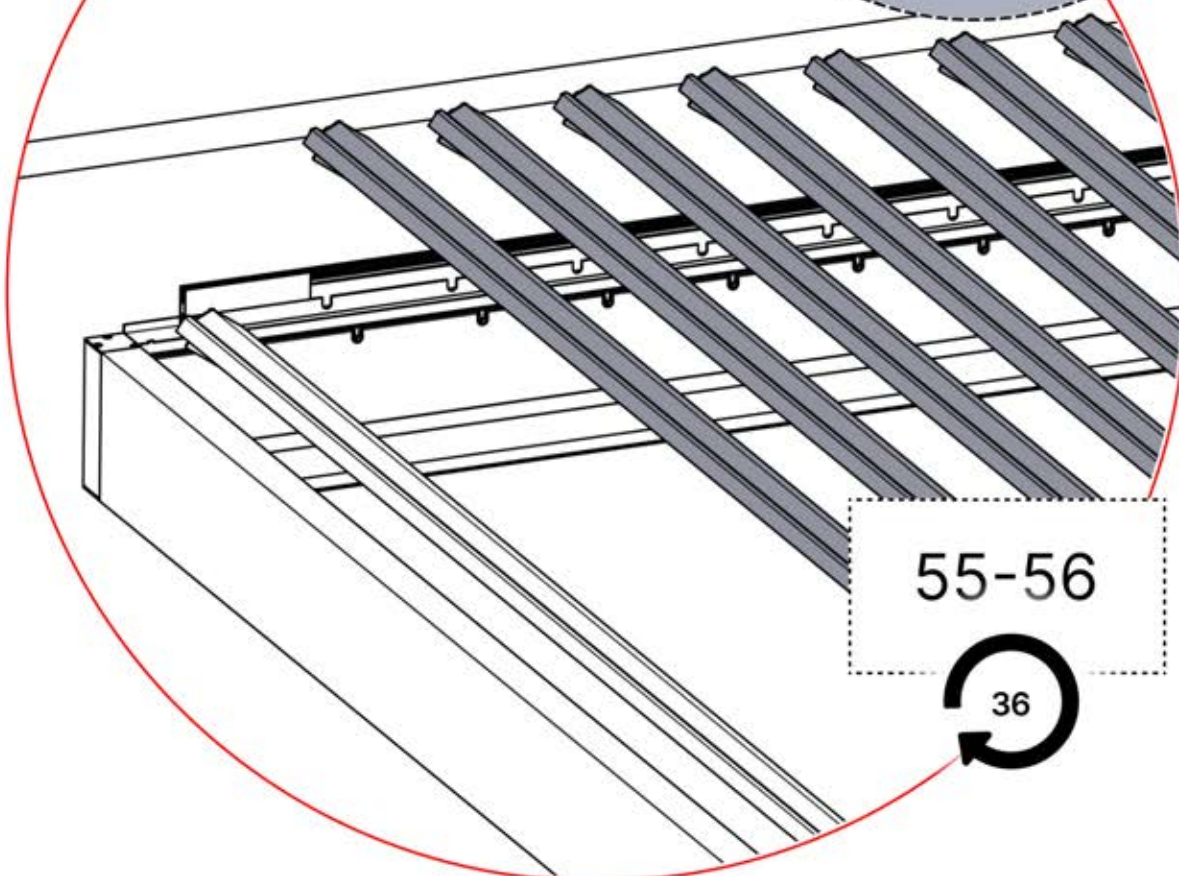
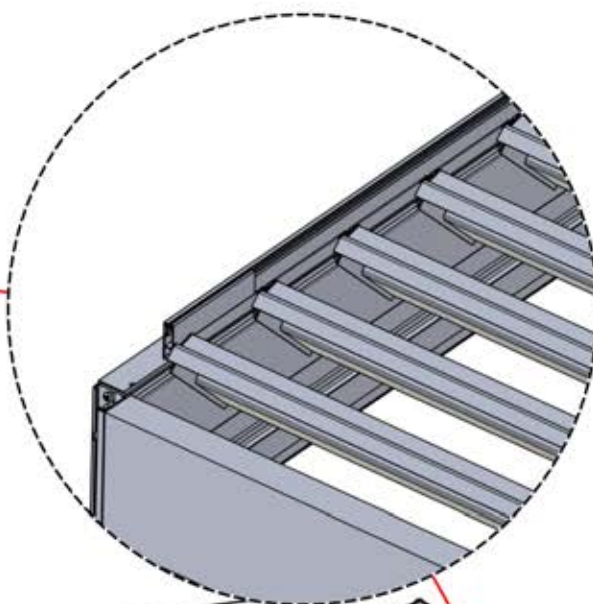
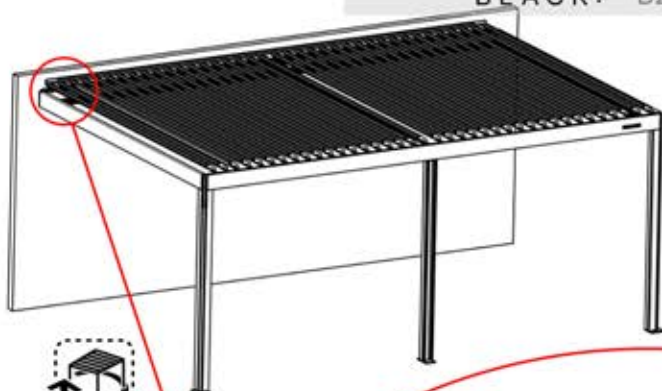


6

ANTHRACITE: B274
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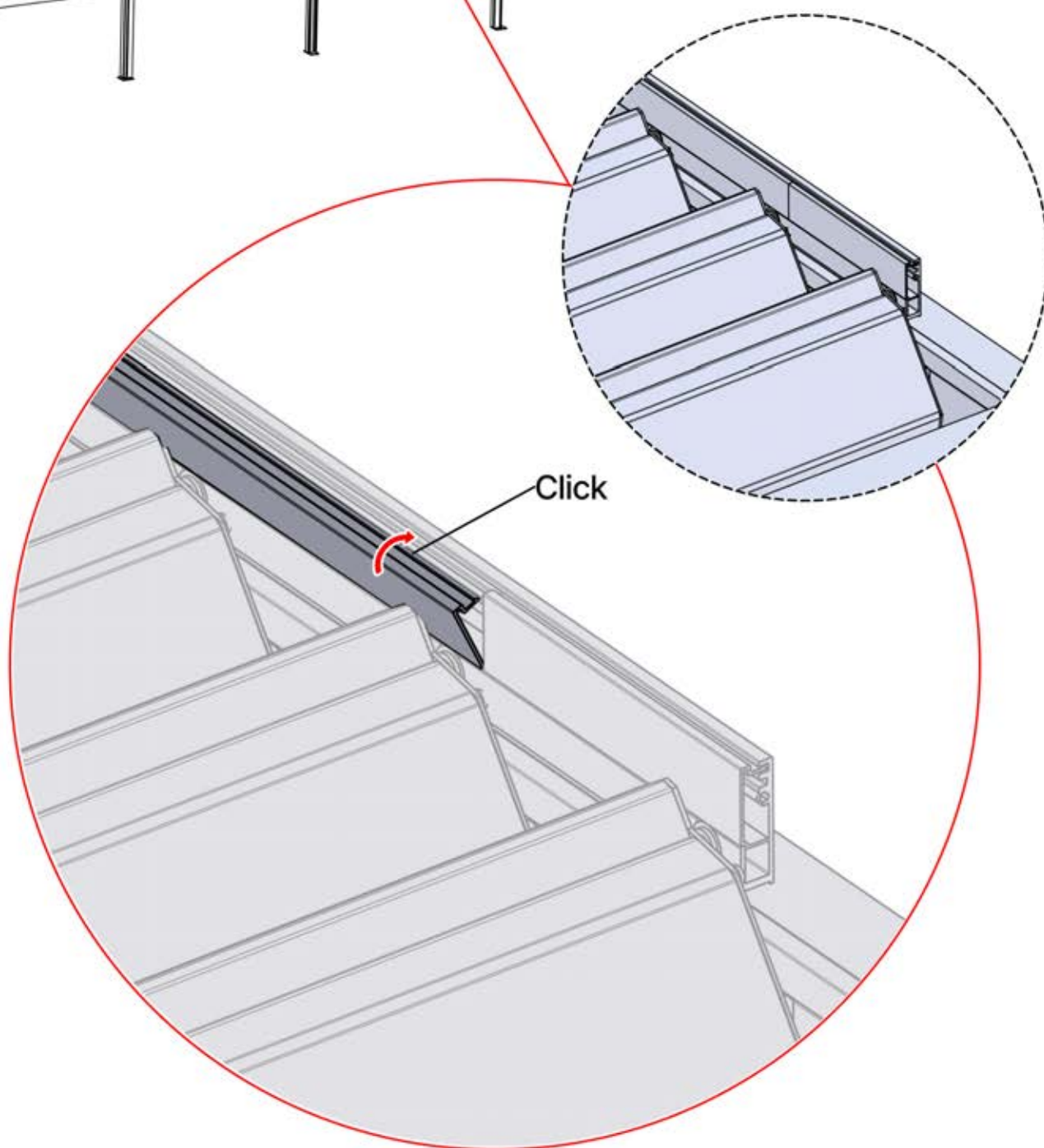
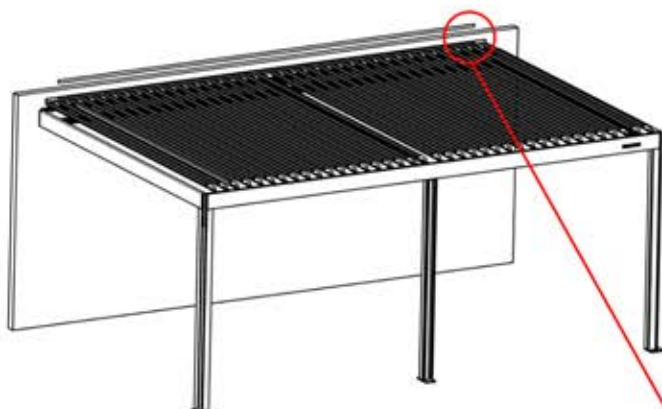
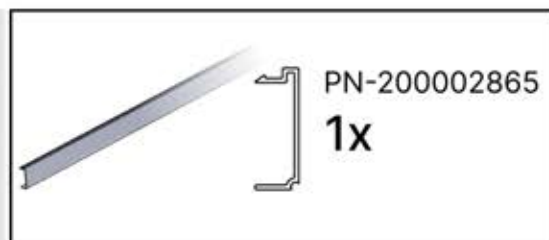
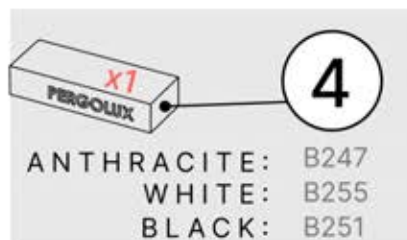
PN-200002879
36x



55-56



62

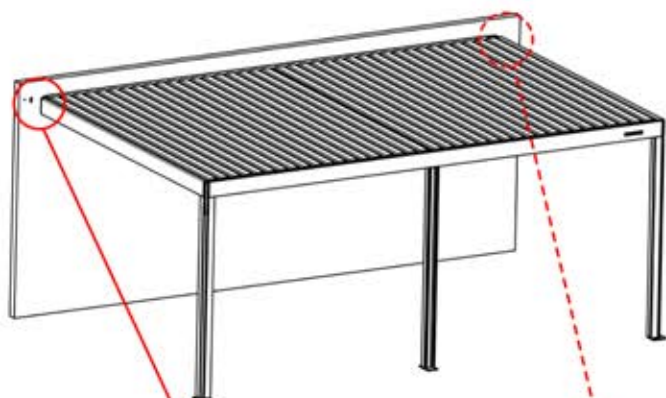


63



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



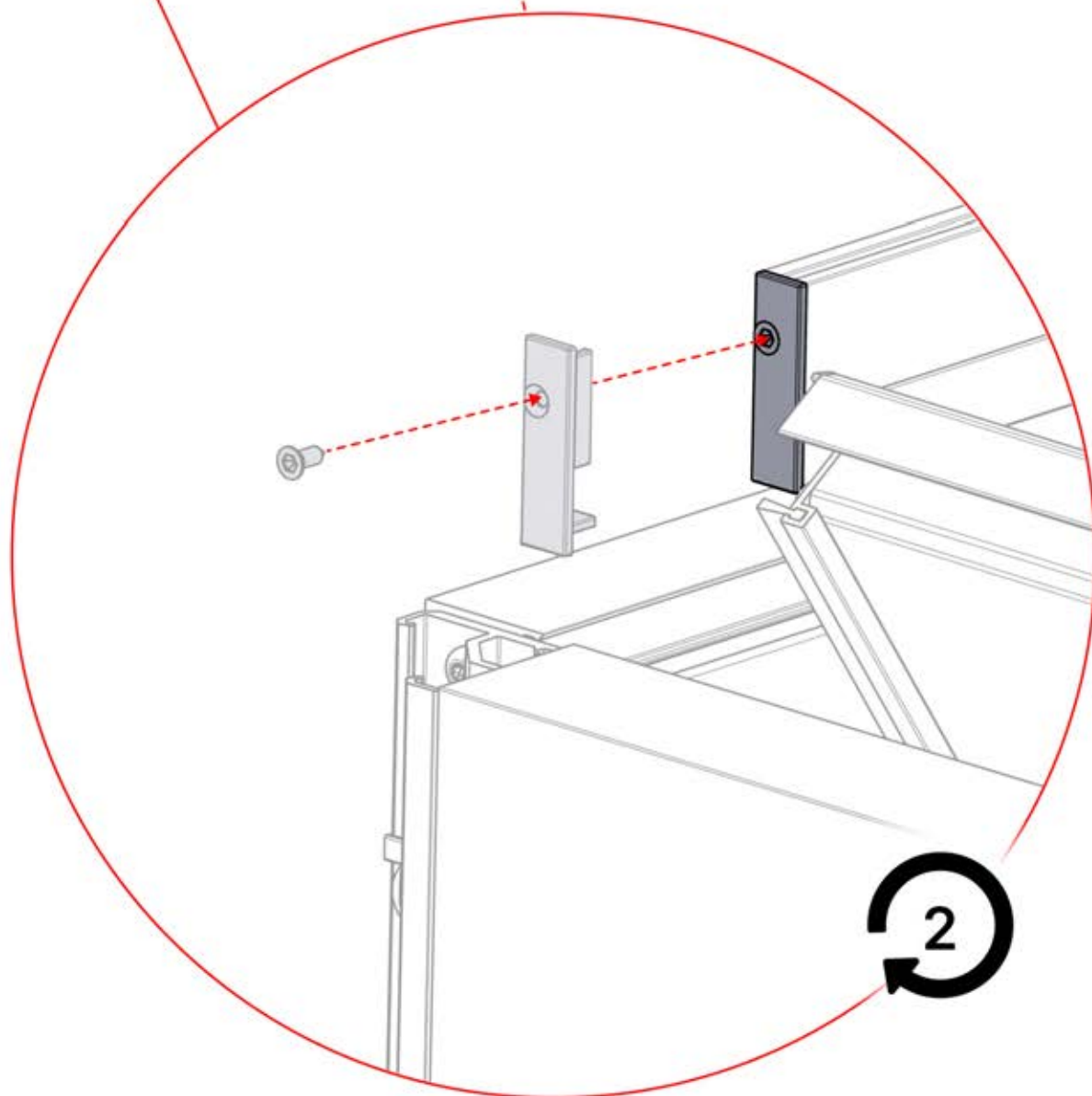
PN-200003030
1x



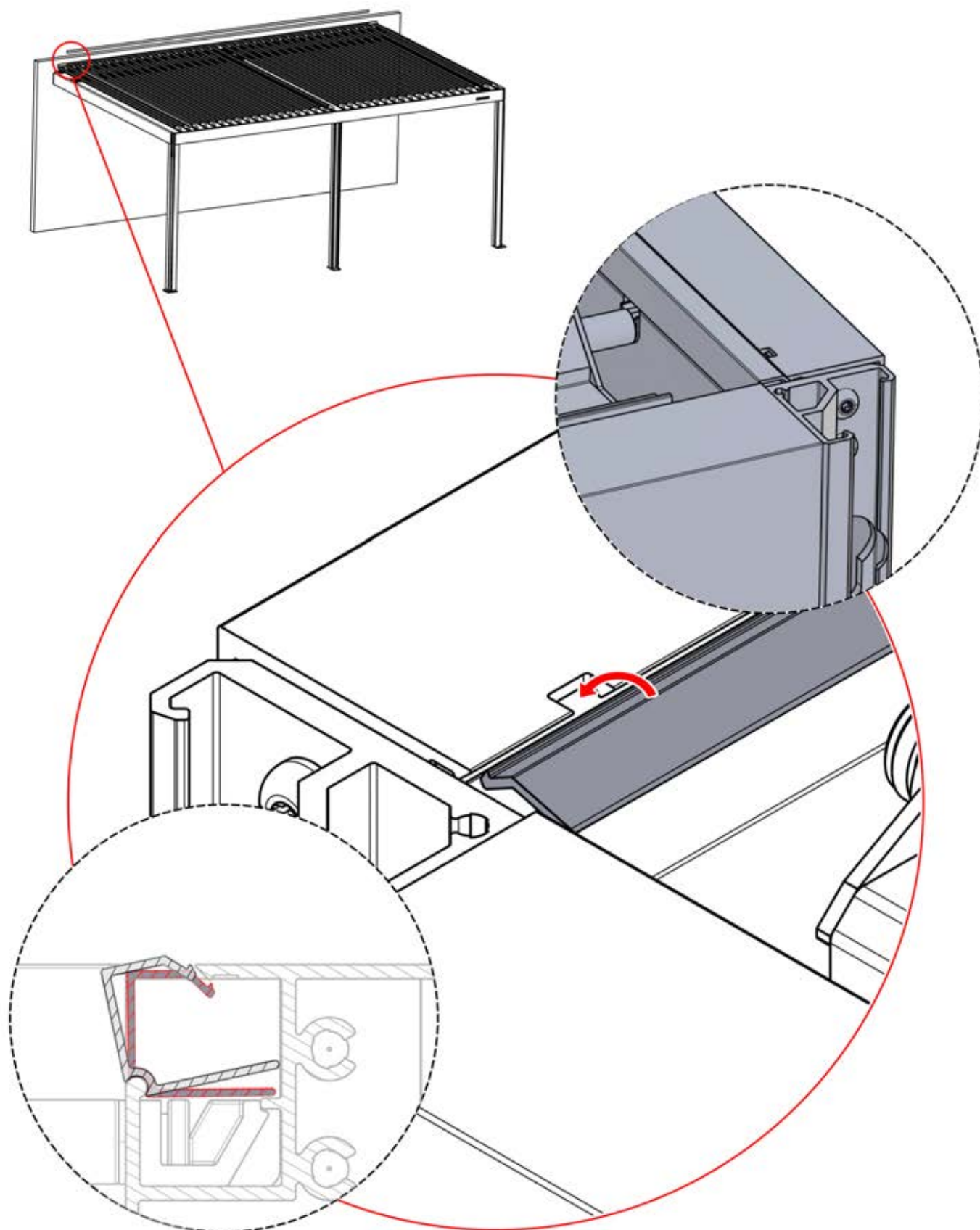
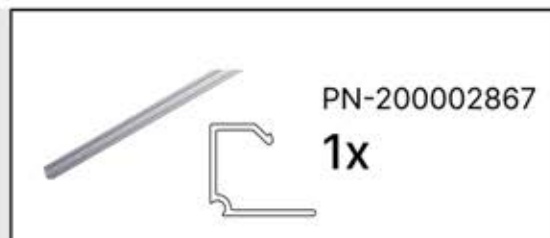
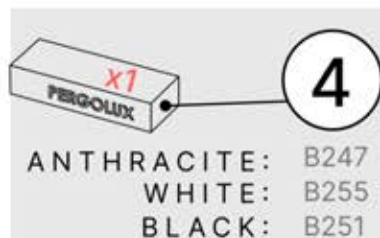
PN-200003031
1x



PN-200001207
2x



64

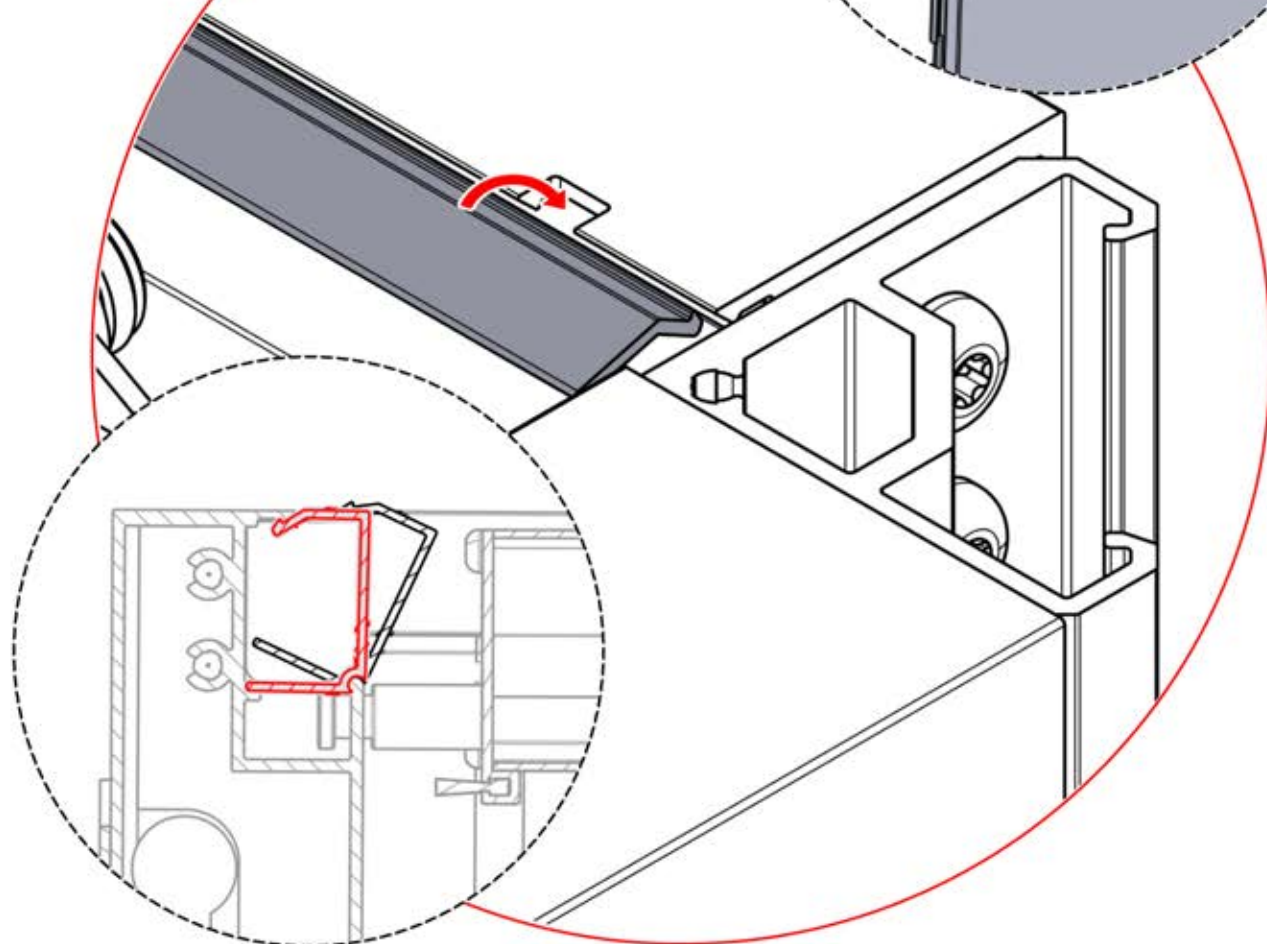
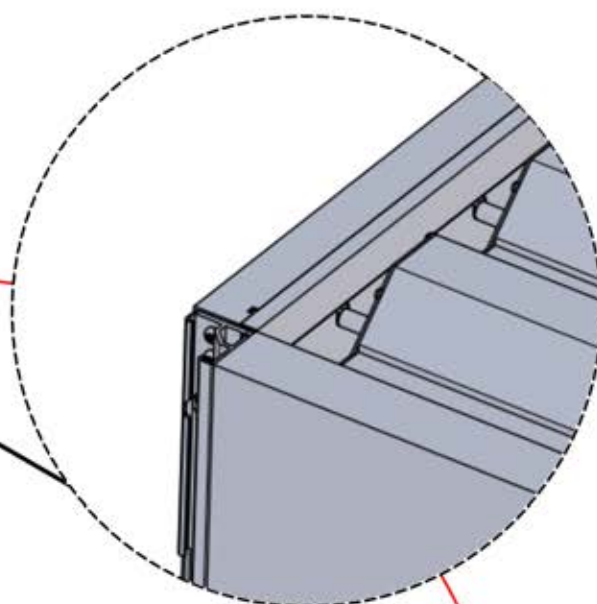
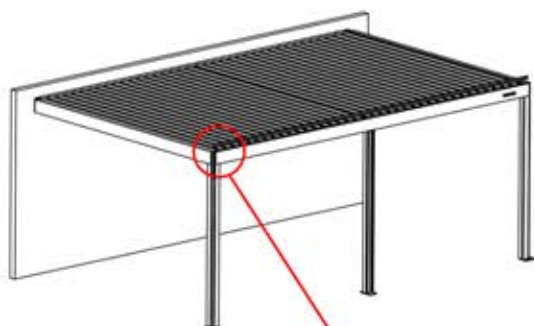
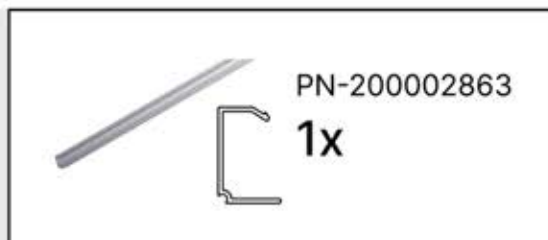


65

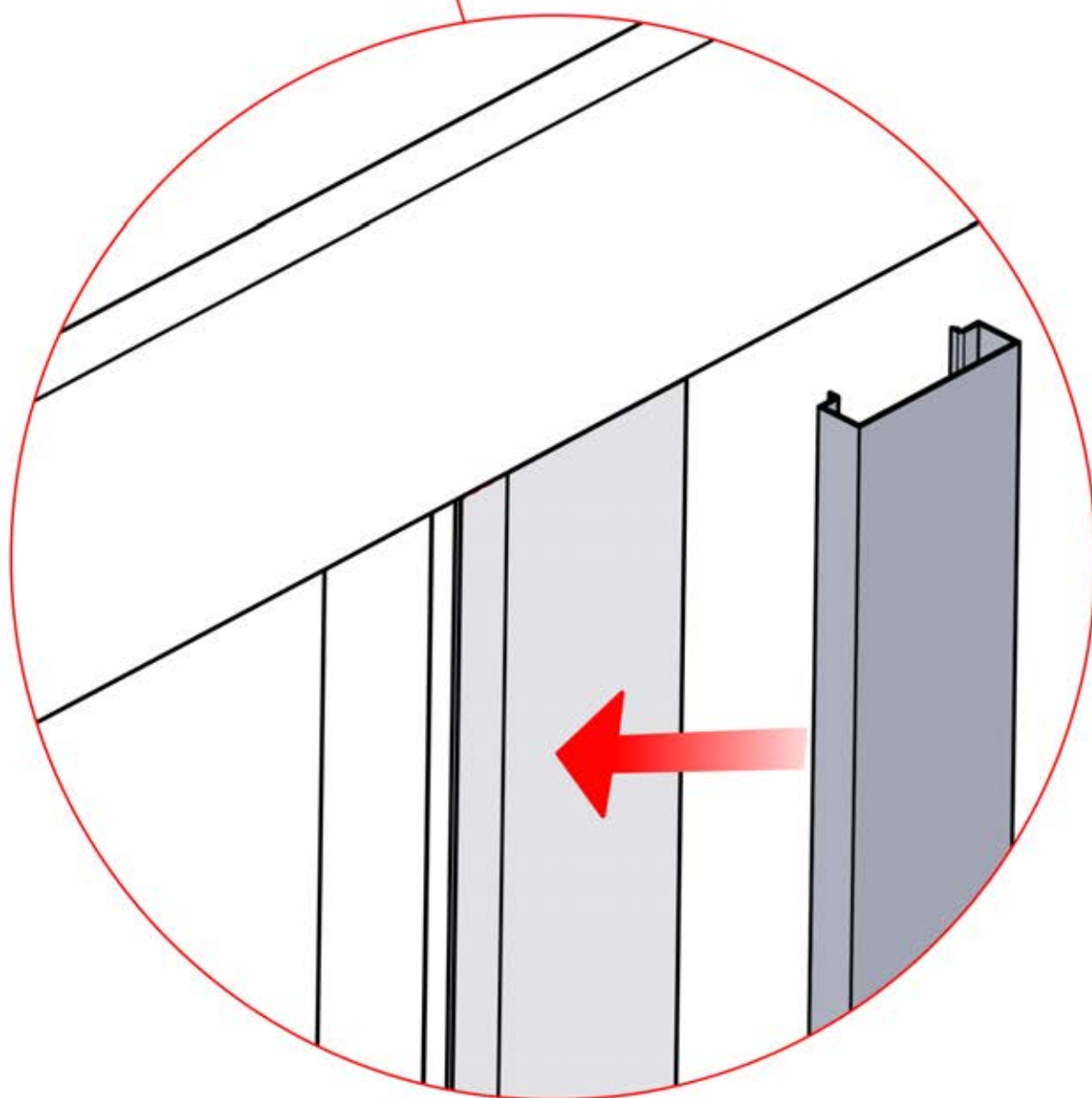
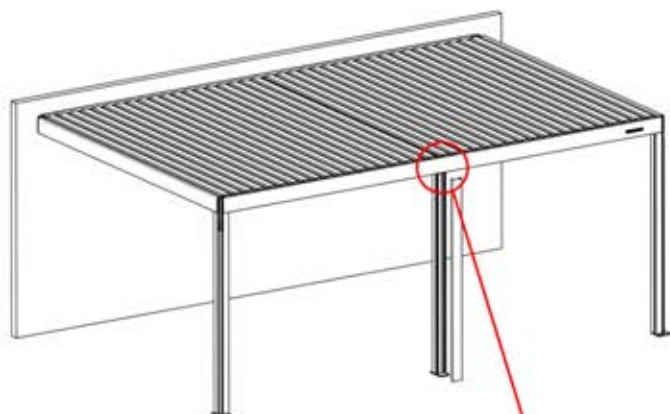
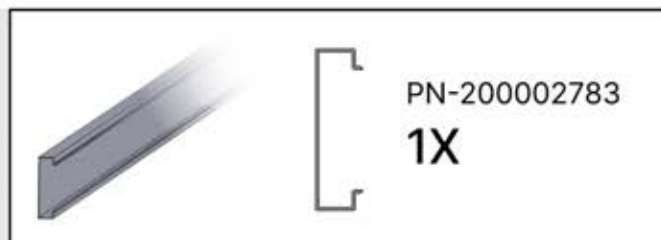
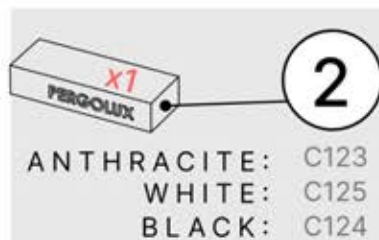


4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



66



67



1

ANTHRACITE: C120
WHITE: C122
BLACK: C121



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



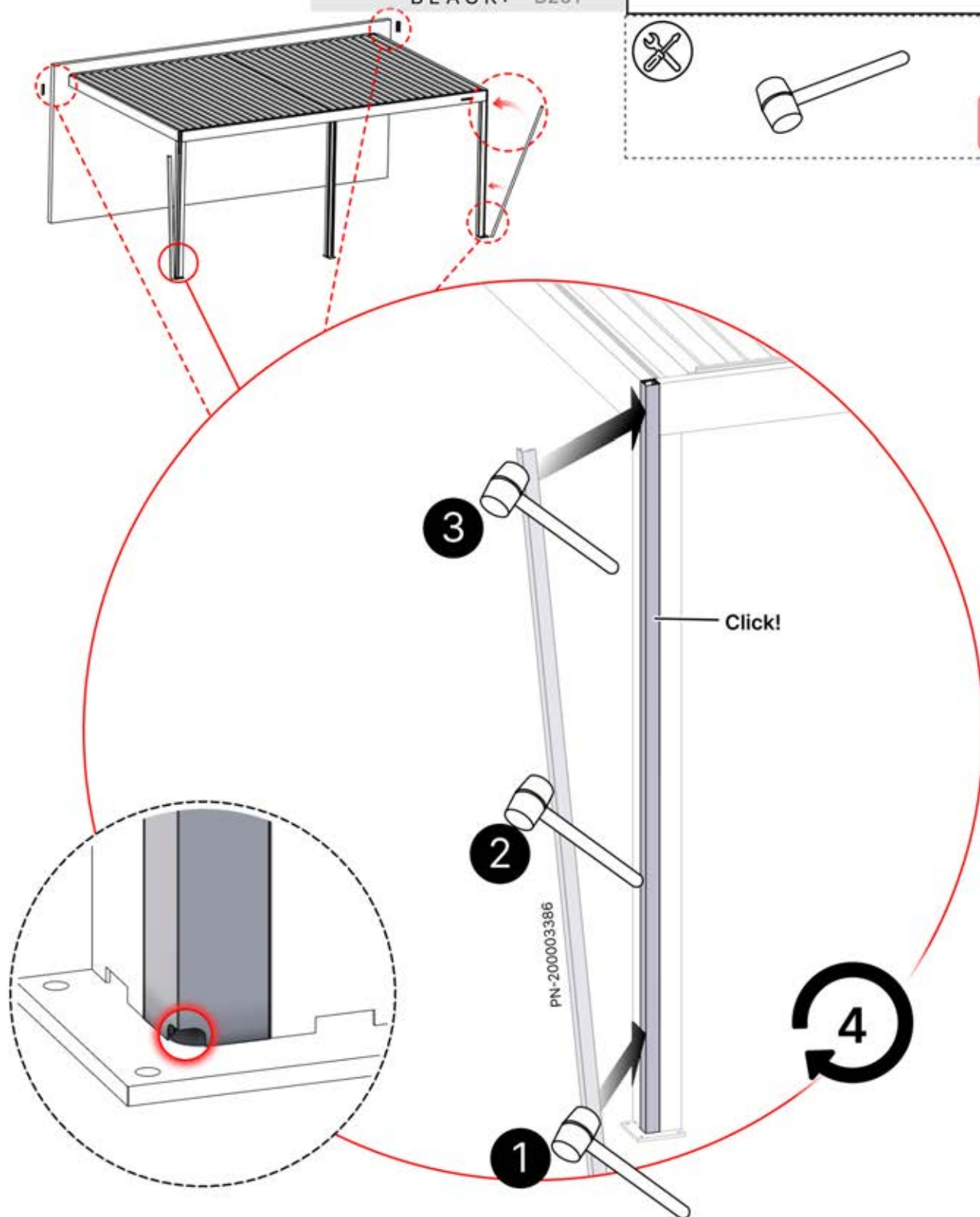
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2x



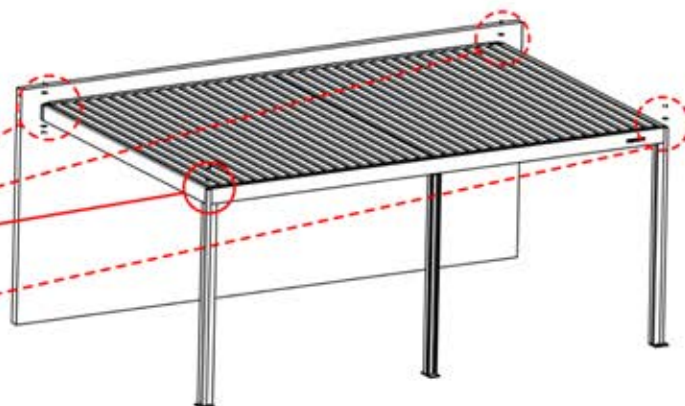
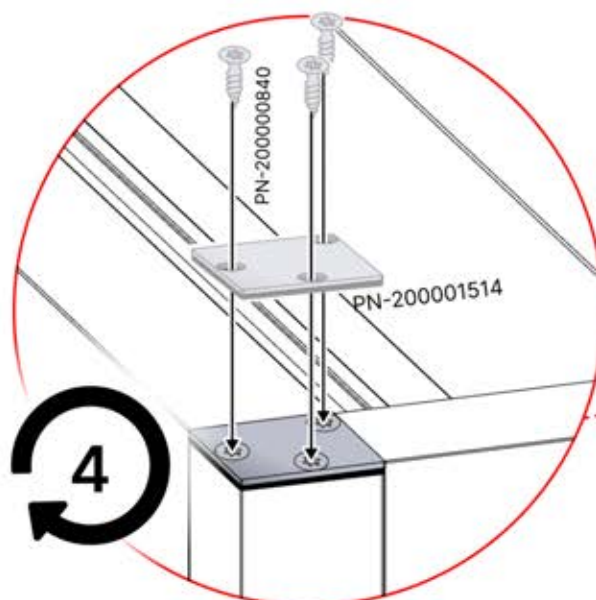
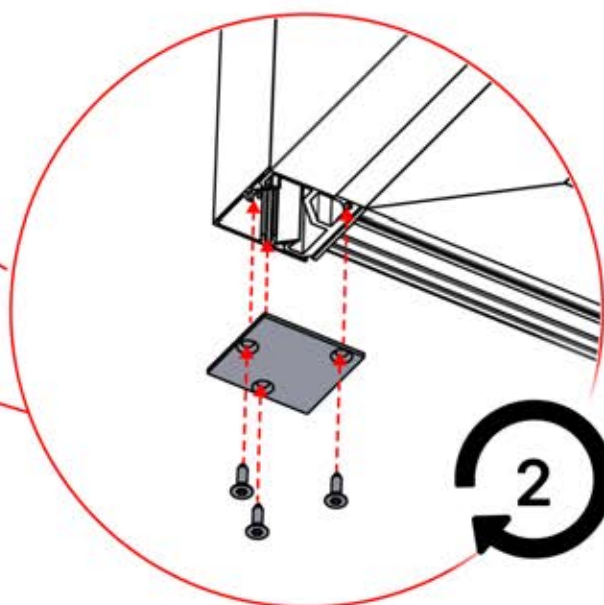
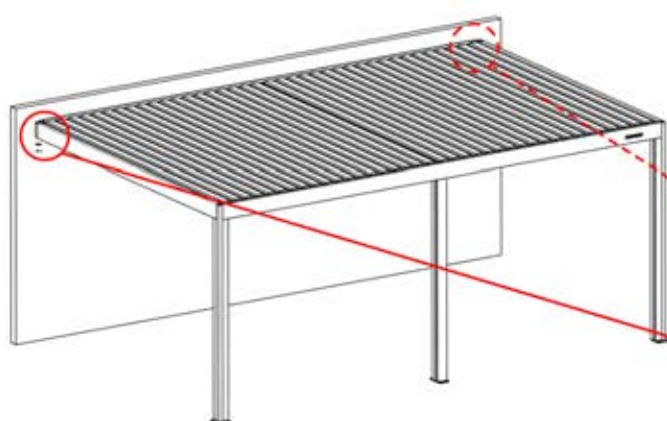
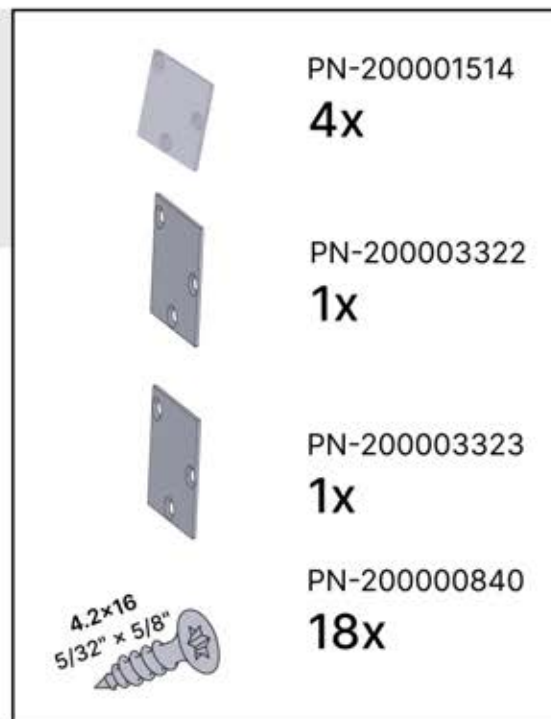
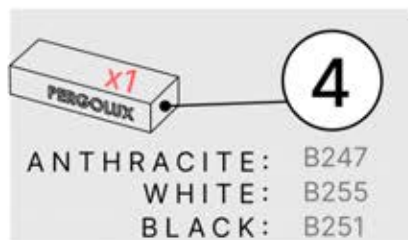
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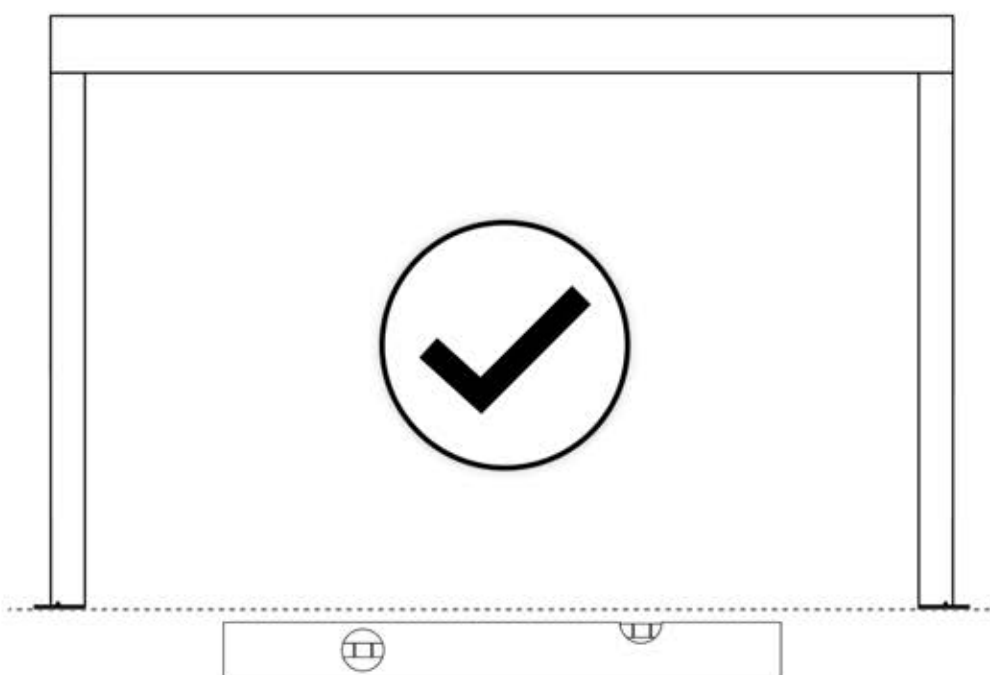
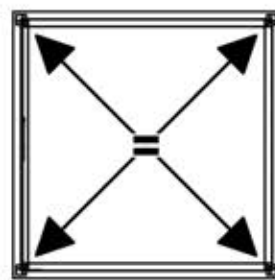
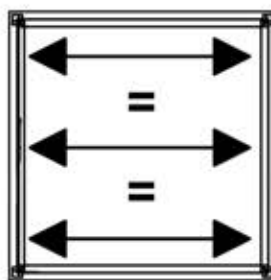
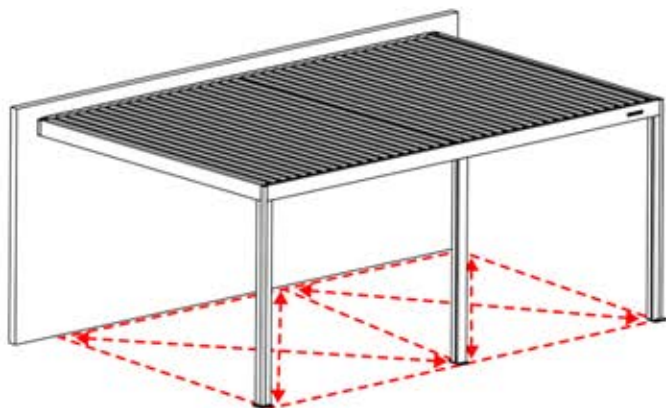
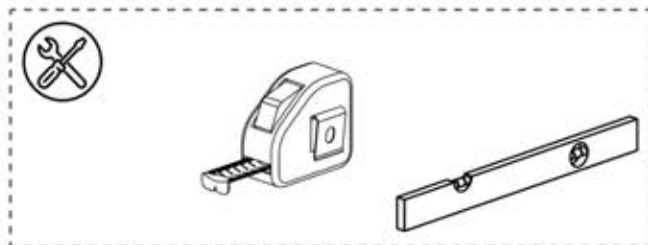




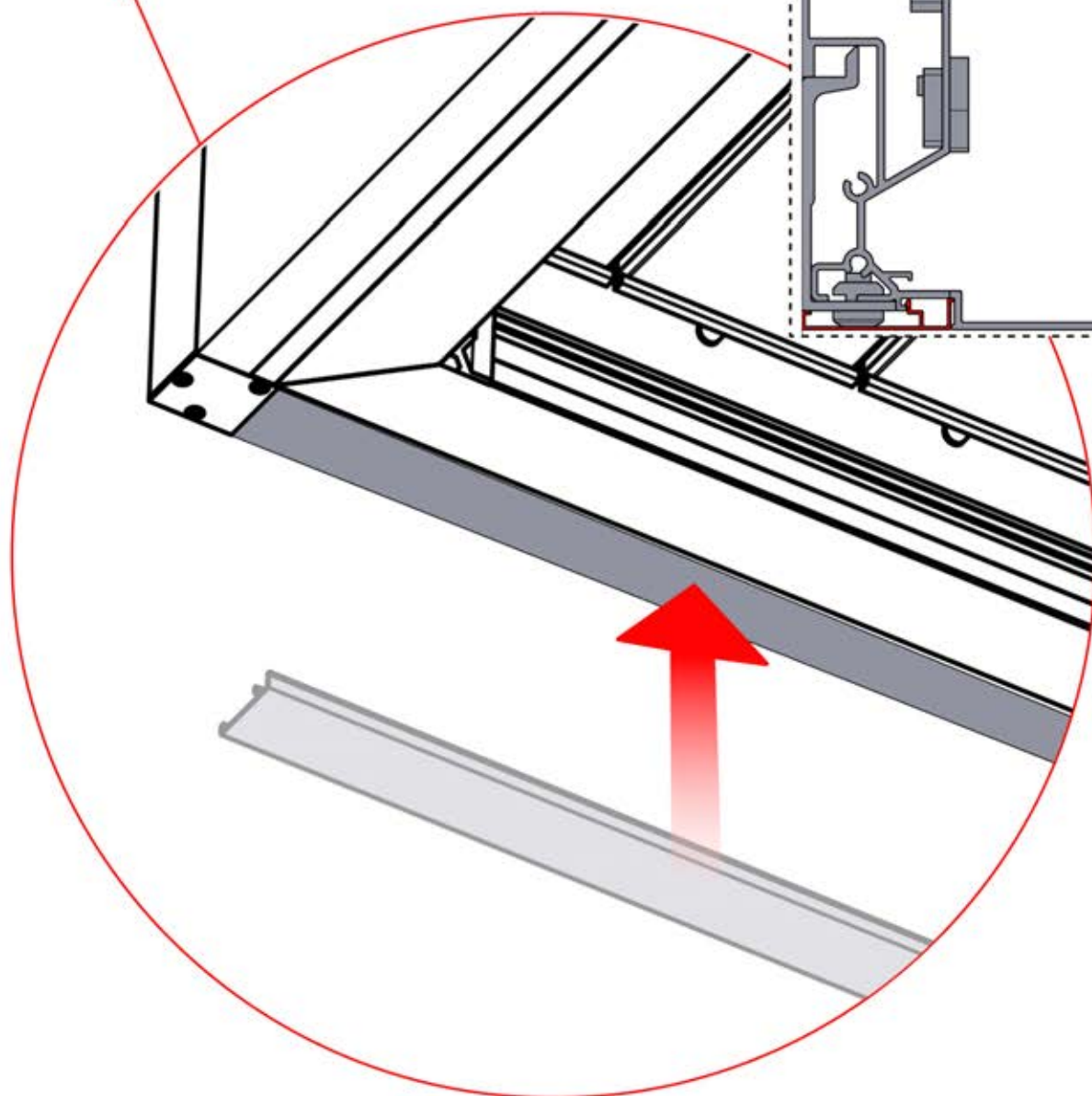
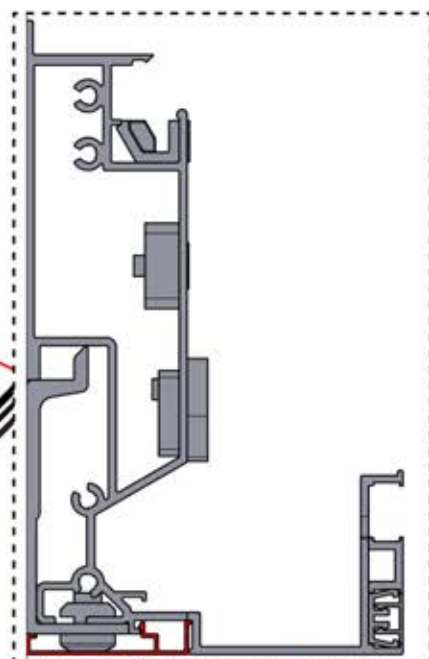
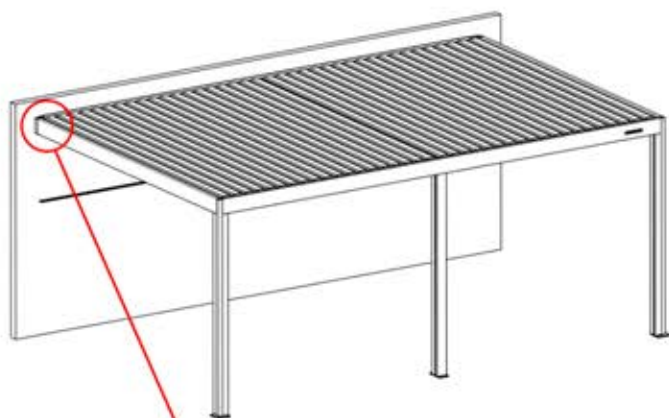
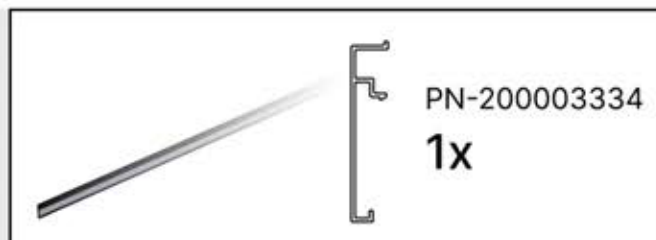
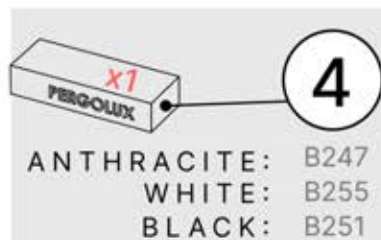
68



69



70



71



Use on
concrete



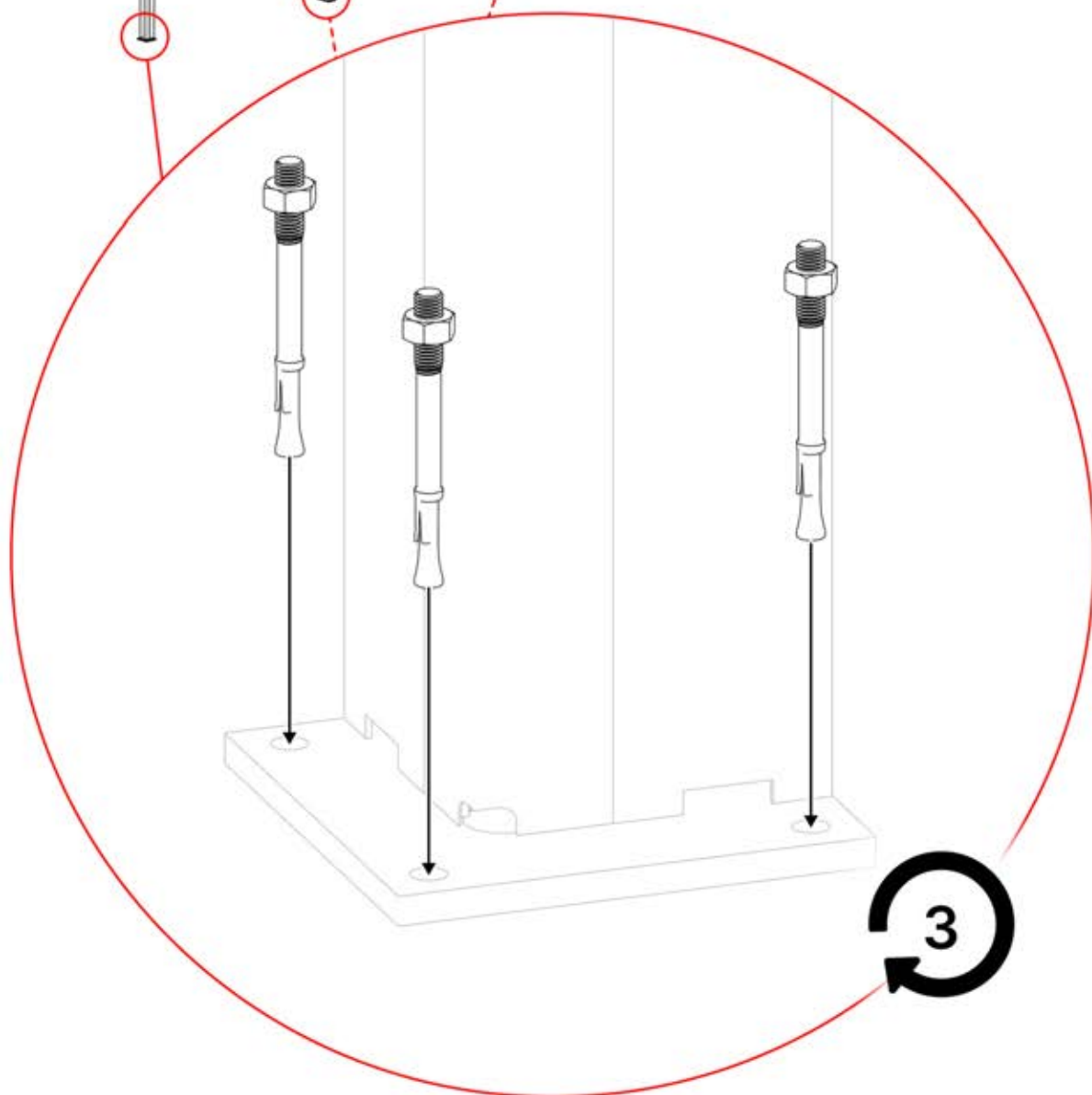
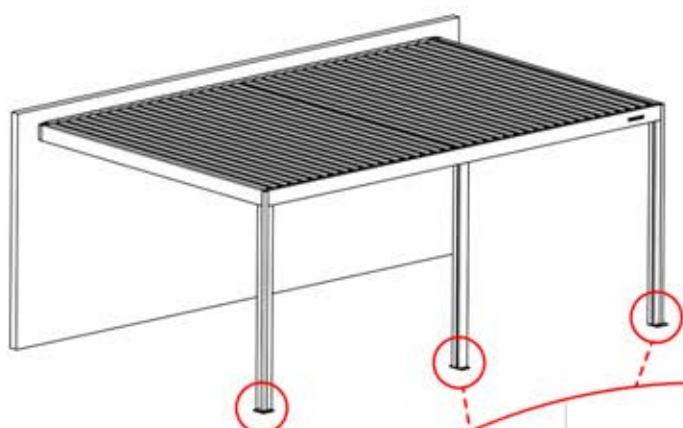
x10



Use on
wood



x10



PERGOLUX | PERGOLA PRO WALL MOUNTED S4

3 × 6 M / 10' x 19'



Type Approved
Regular
Production
Surveillance

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