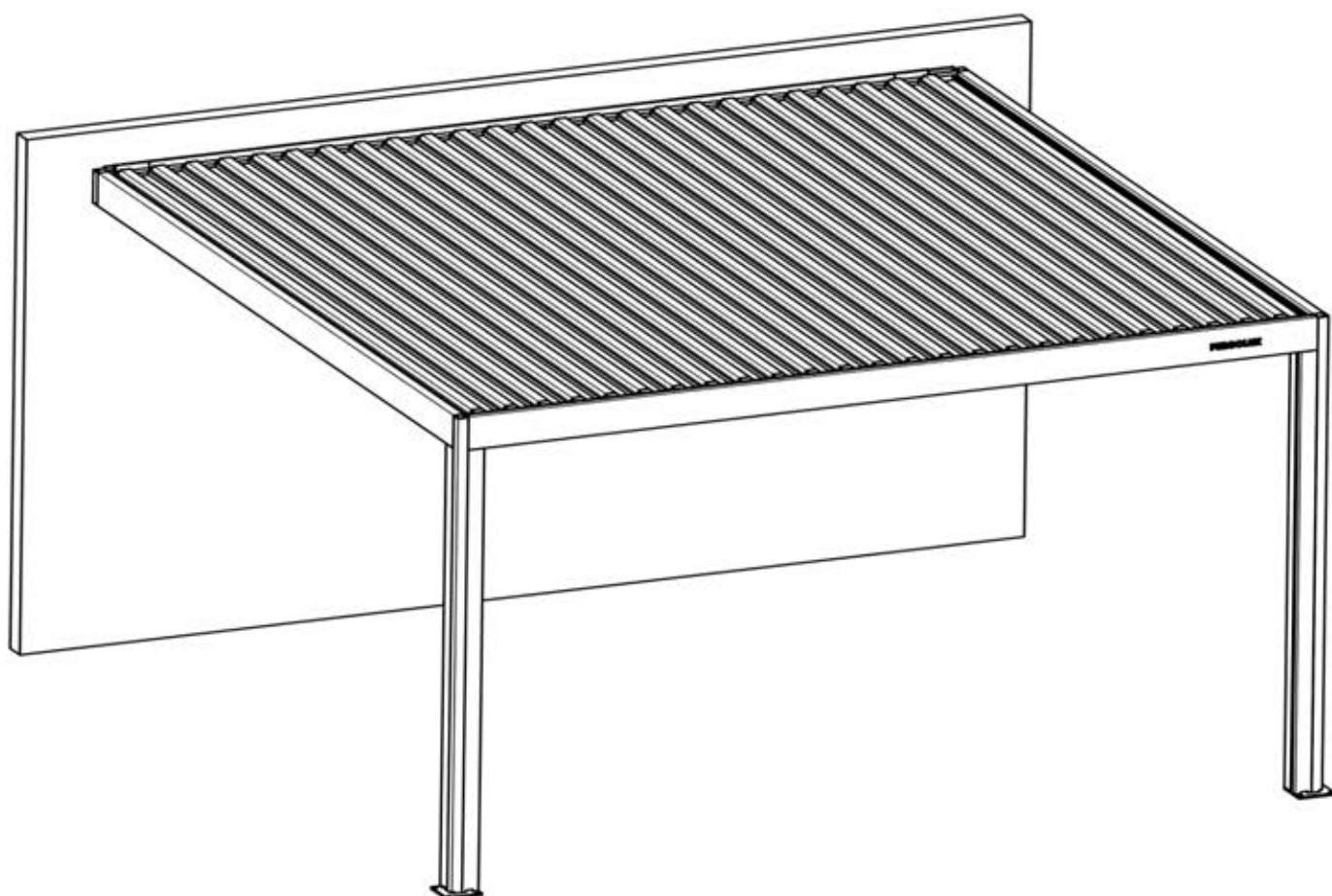


S4

PERGOLA

PRO



3 × 5m / 10' x 16'
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

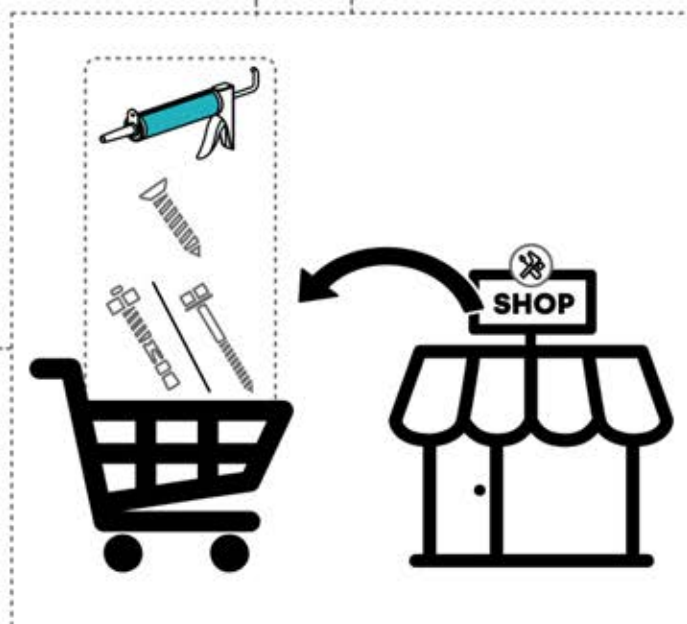
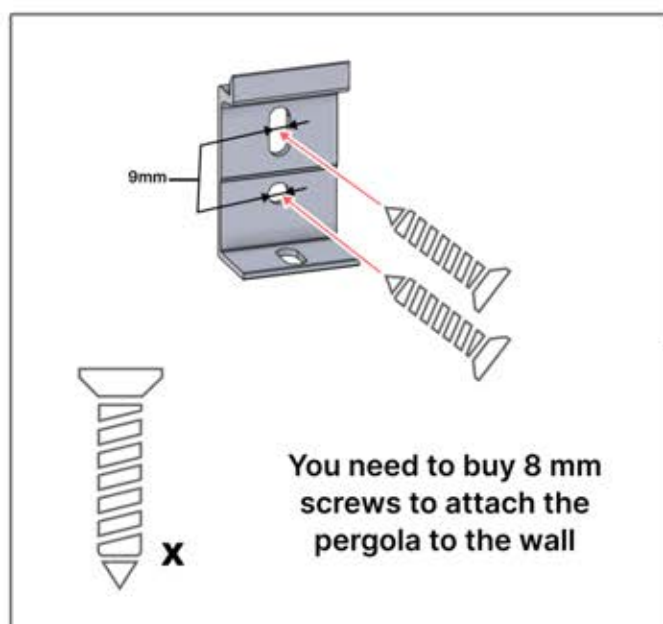
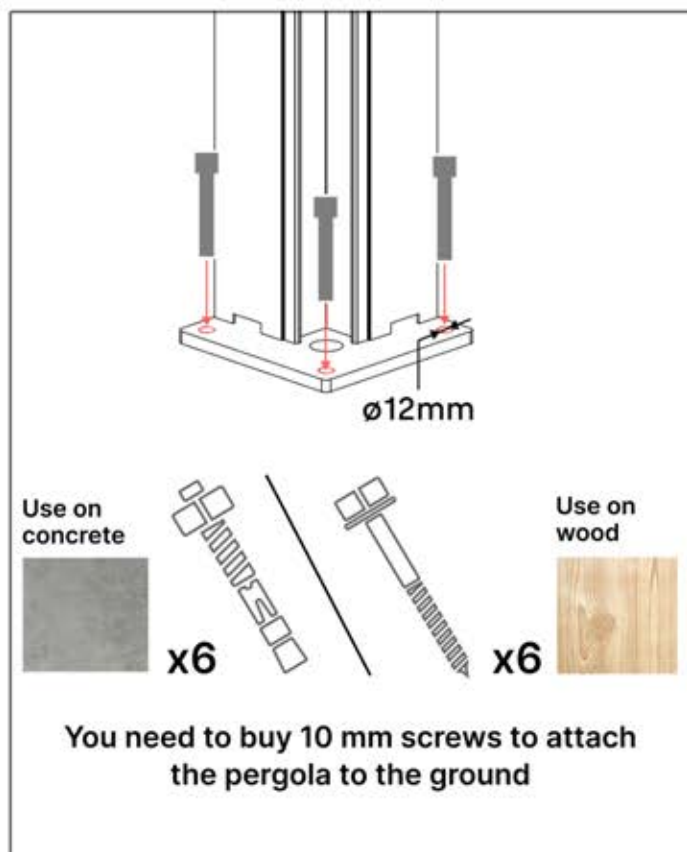
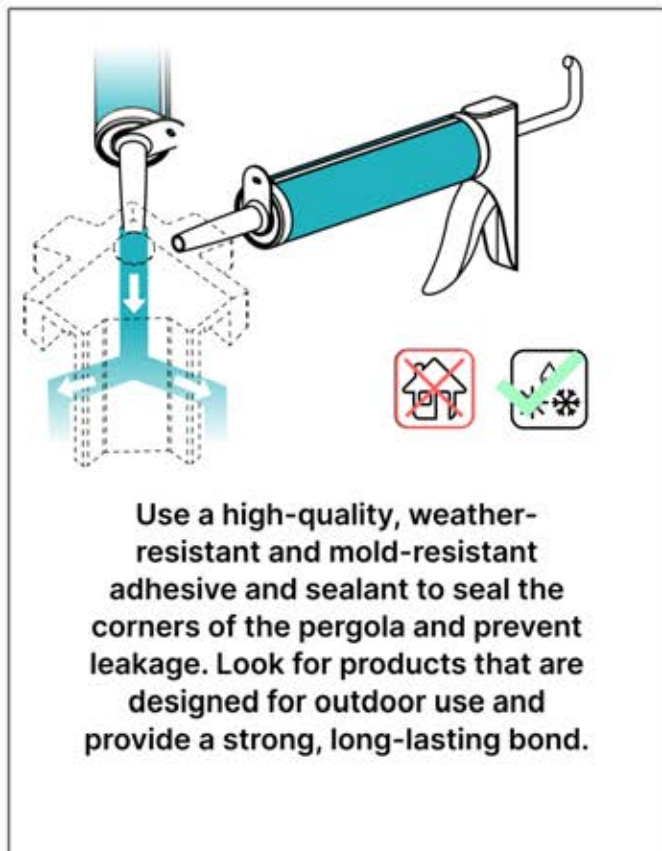


Motor



Turn around

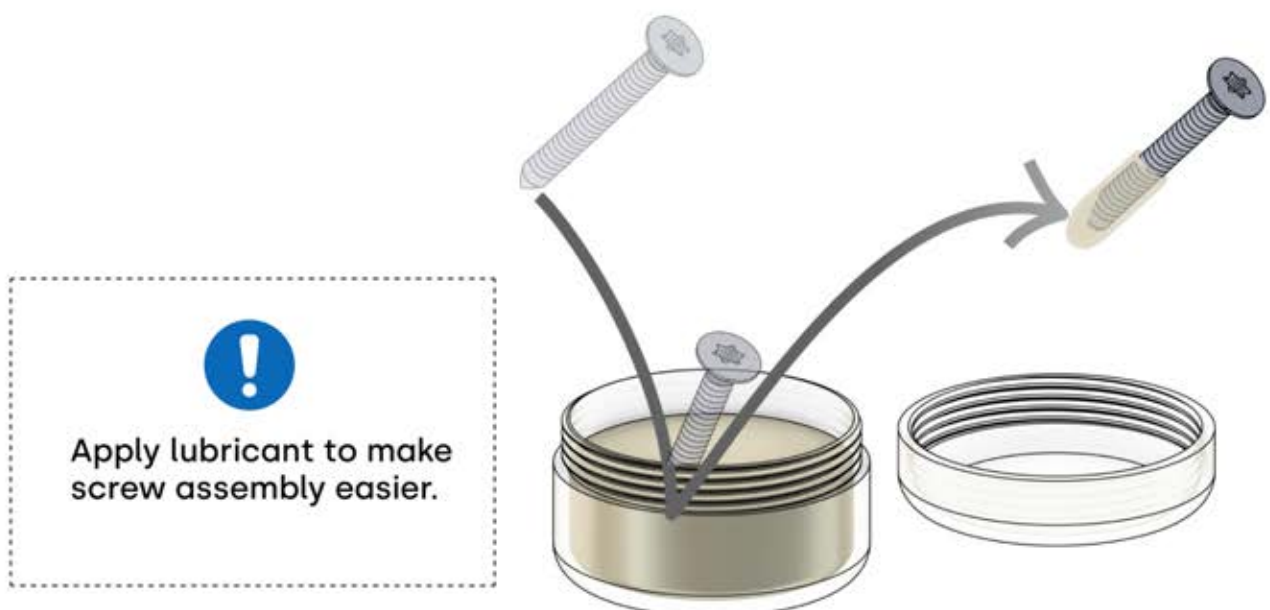
INFORMATION



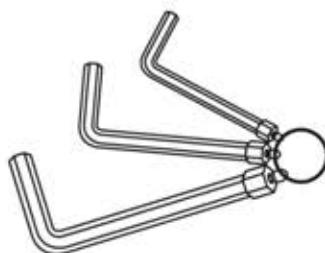
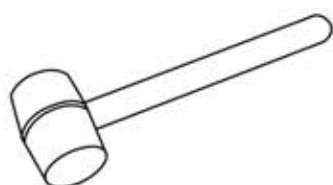
INFORMATION

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

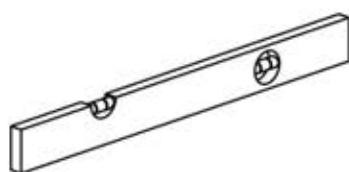
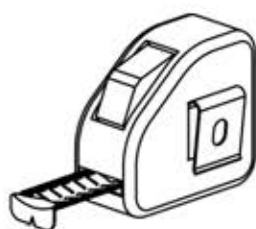
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION



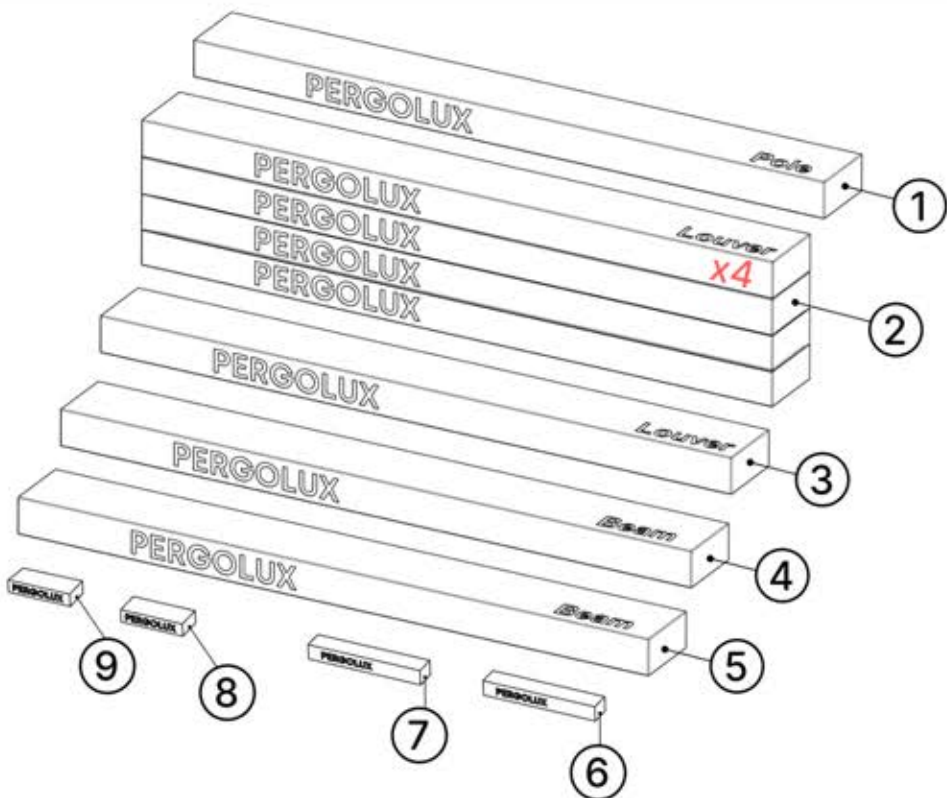
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

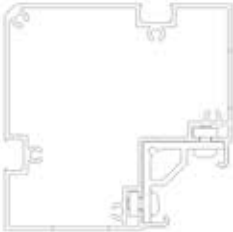


PACKAGE OVERVIEW



ORDER	ANTHRACITE	WHITE	BLACK
①	C120	C122	C121
②	L221	L225	L223
③	L233	L237	L235
④	B246	B254	B250
⑤	B262	B266	B264
⑥	WHITE / RGB LED		
⑦	MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		

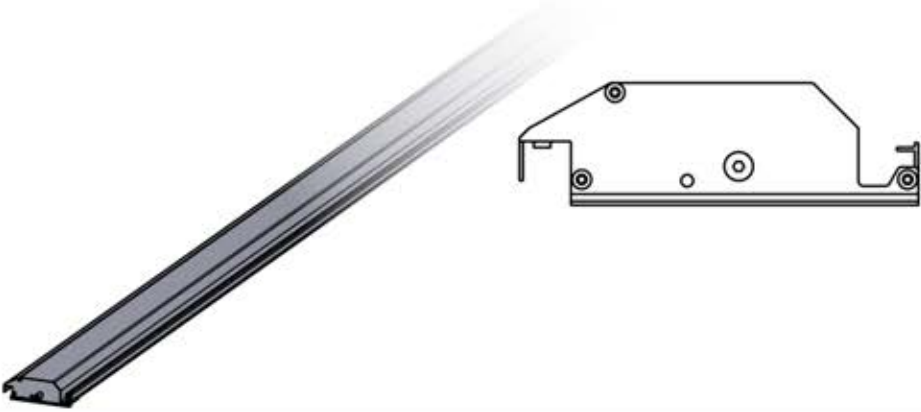
ITEMS IN BOX

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

ITEMS IN BOX



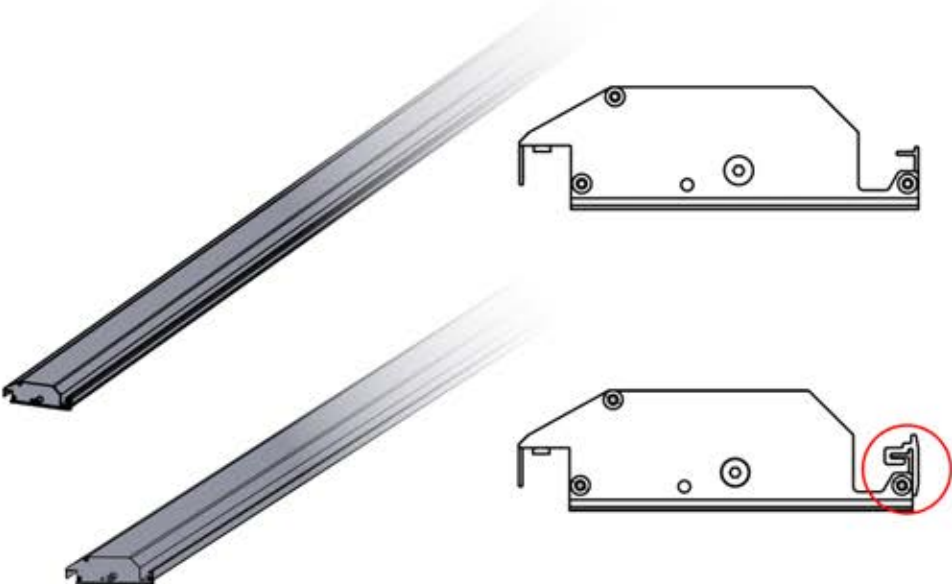
	ANTHRACITE	WHITE	BLACK
	L221	L225	L223



PN-200002879
24X



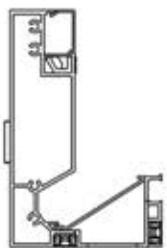
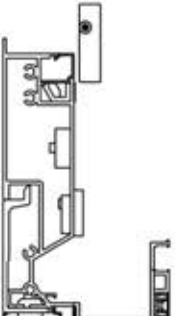
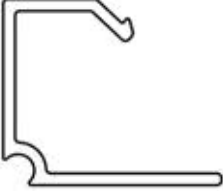
	ANTHRACITE	WHITE	BLACK
	L233	L237	L235



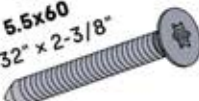
PN-200002879
6x

PN-200002957
1x

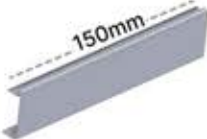
ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
4		B246	B254	B250
			PN-200003354 1x	
			PN-200003387 1x	
			PN-200002861 1x	
			PN-200002974 1x	
			PN-200002973 1x	

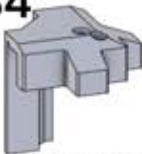
ITEMS IN BOX

			
4			
ANTHRACITE		WHITE	BLACK
B246		B254	B250
			
		PN-200002972	1x
		PN-200003332	1x
		PN-200003381	1x
Zip Bag PN-200003326 5.5x60 7/32" x 2-3/8"  PN-200000560 10x			
Zip Bag PN-200003320  PN-200000826 2x			
Zip Bag PN-200003302   PN-200001514 4x PN-200003322 1x			
 PN-200003323 1x PN-200000840 18x 4.2x16 5/32" x 5/8" 			

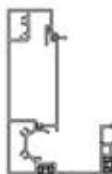
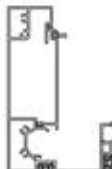
ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
4		B246	B254	B250
 PN-20000 3278 	PN-200003030 1x		PN-200003033 2x	
	PN-200003031 1x		PN-200001207 2x	
 PN-20000 3279 	PN-200000568 32x	 PN-20000 3379 	PN-200000960 4x	
 PN-20000 3276 	PN-200002618 4x		PN-200000571 4x	
 PN-20000 3365 	PN-200000507 4x		PN-200000568 2x	
	PN-200000569 8x		PN-200000516 2x	
 PN-20000 3364 	PN-200002792 2x		PN-200002617 2x	

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
4		B246	B254	B250
 PN-20000 3371  PN-200003372 1x  PN-200001946 1x  PN-200000502 1x	 PN-200003373 1x  PN-200000561 1x			
 PN-20000 3281  PN-200002622 4x  PN-200000680 8x	 PN-200000510 5x  PN-200000669 5x  PN-200000655 5x			
 PN-20000 3284  PN-200002625 4x	 PN-200003308 2x  PN-200003324 2x	 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



6

WHITE / RGB LED



LED light strip

4x



Y cable

1x



7

ELECTRIC MOTOR



Electric motor
PN-200001562

1x



PN-200001623

1x



PN-200001624

1x



PN-200001625

2x

ITEMS IN BOX



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



8

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.**



9

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.

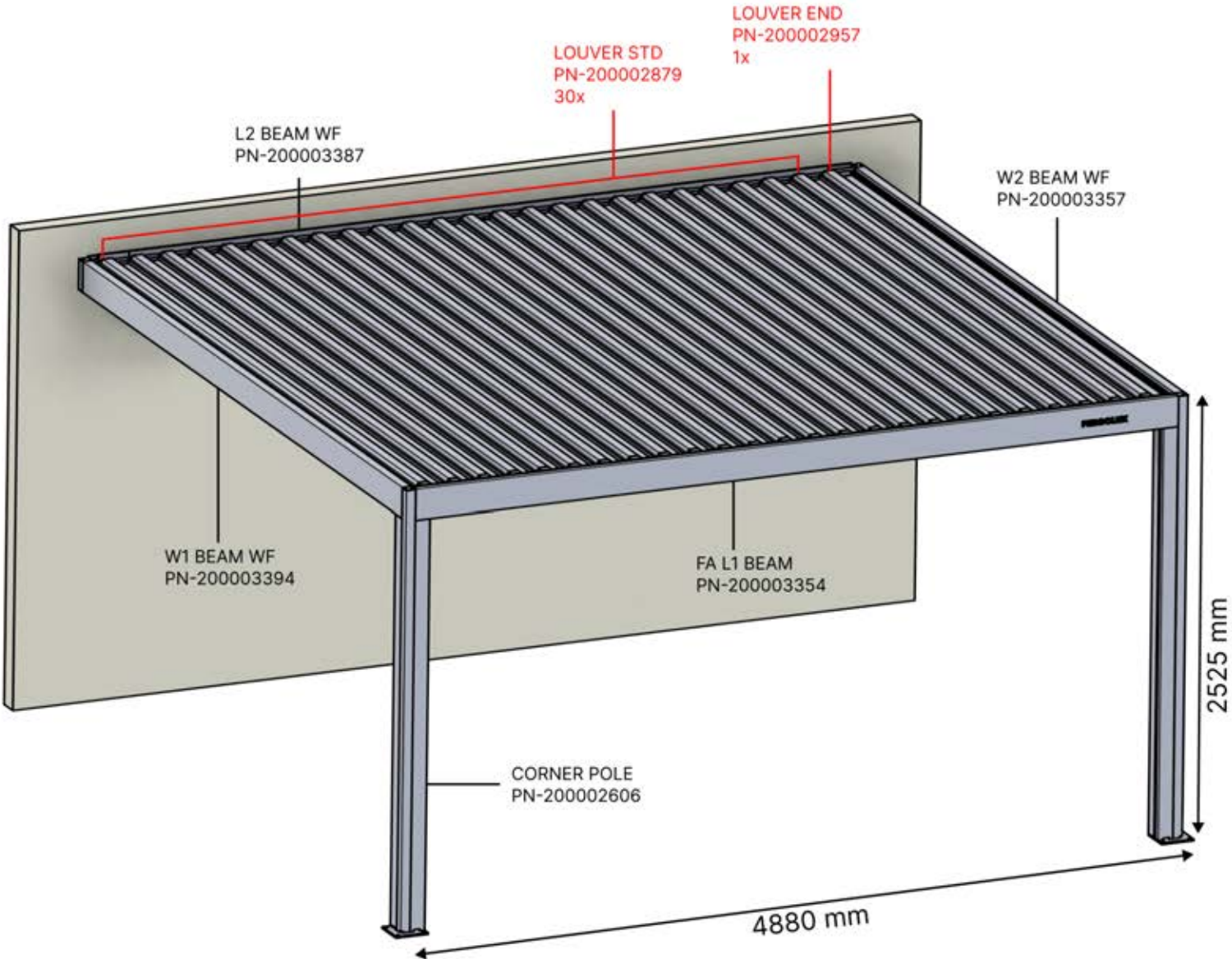
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



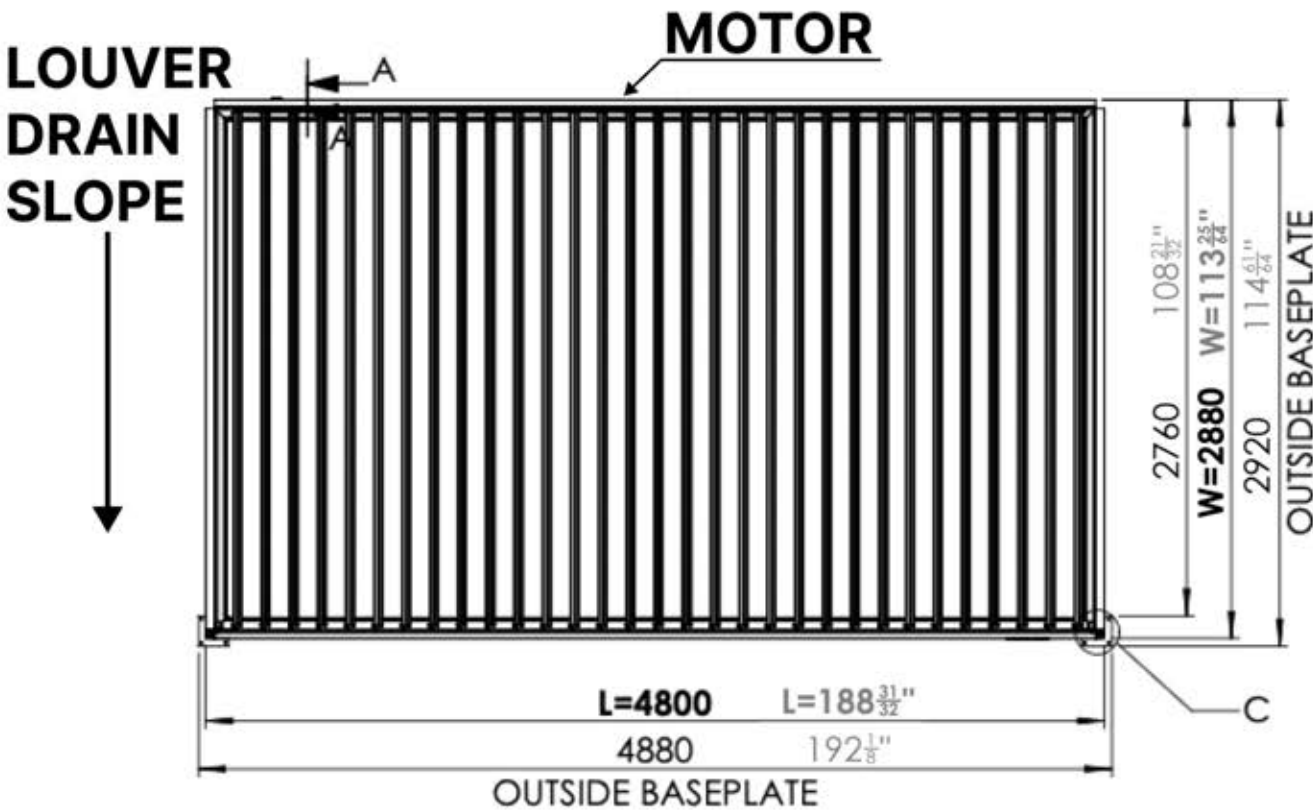
CONTROL BOX

[View Manual](#)

3 × 5 M / 10'x16'



3 × 5 M / 10'x16'



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.

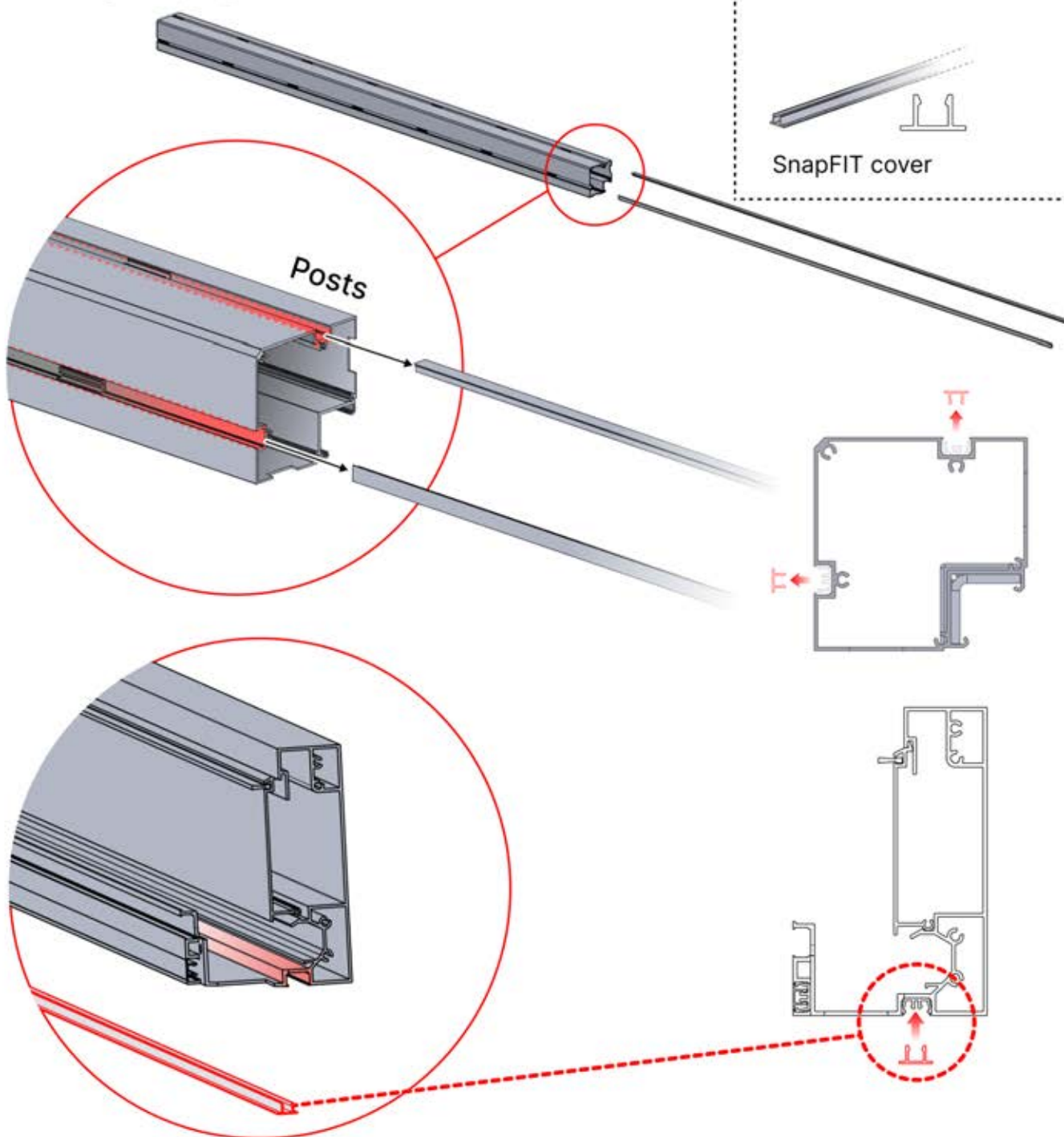
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



Are you installing a heater, fan or LED lights?

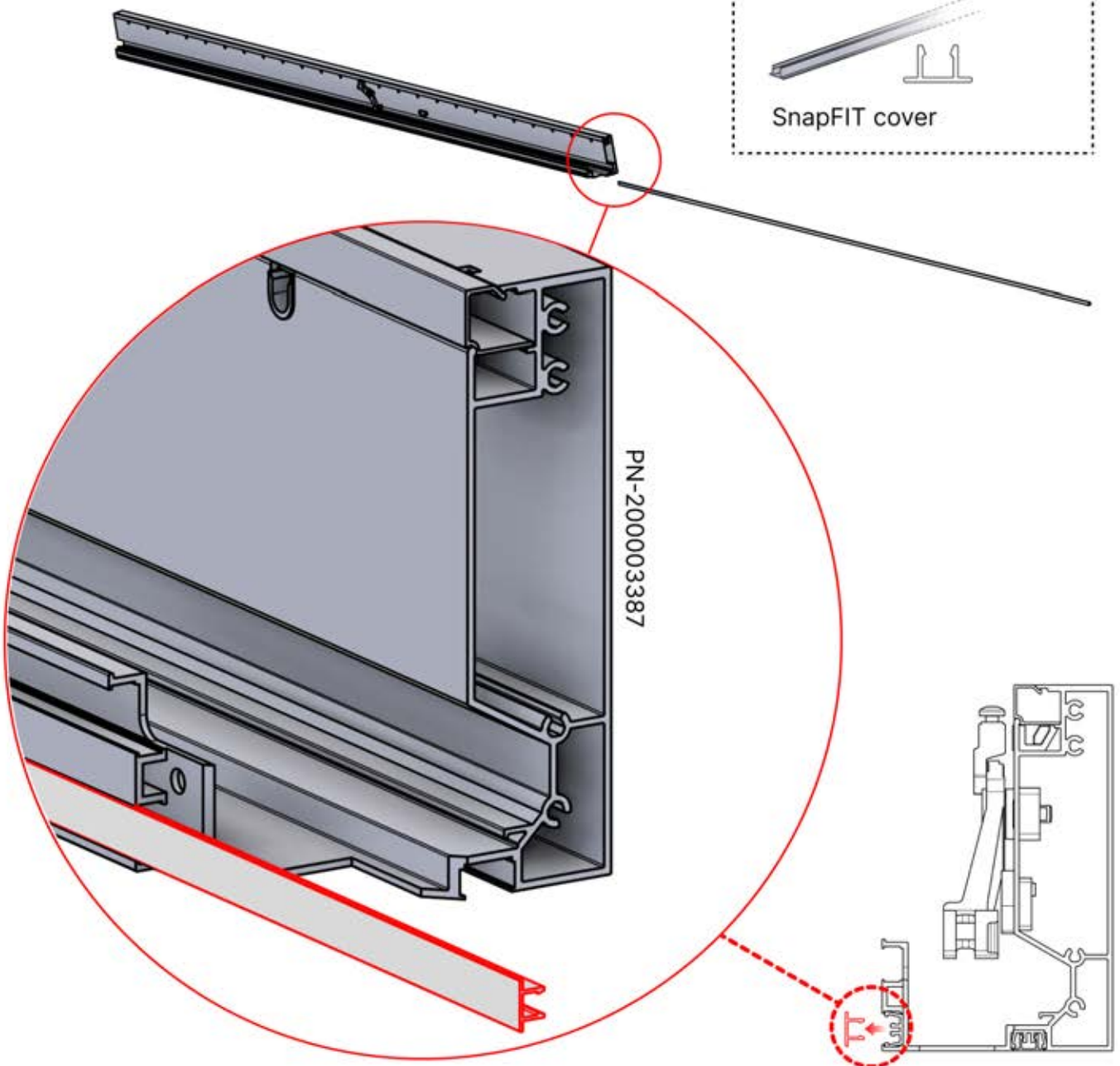
Cover and clips



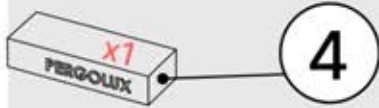
PN-200000512
SnapFIT COVER CLIP



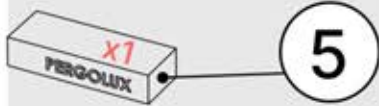
SnapFIT cover



INFORMATION



ANTHRACITE: B246
WHITE: B254
BLACK: B250



ANTHRACITE: B262
WHITE: B266
BLACK: B264



PN-200003357

1x

PN-200003394

1x

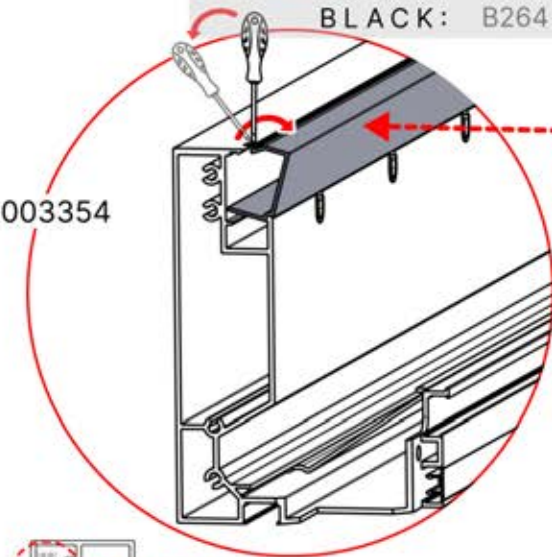
PN-200003354

1x

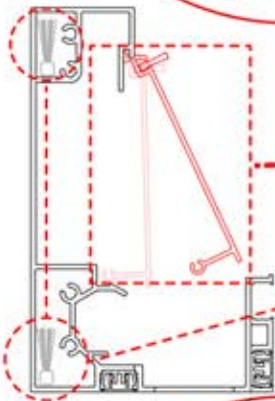
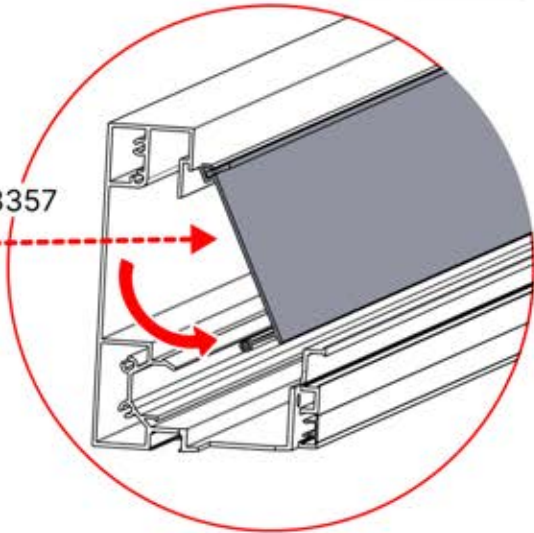
PN-200003387

1x

PN-200003354

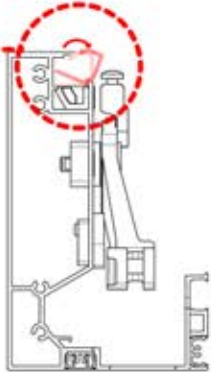


PN-200003357

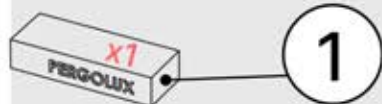


! Remove the brush from the beam and set it aside. It will be installed during a later step in the manual.

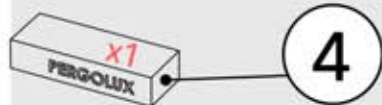
PN-200003387



01



ANTHRACITE: C120
WHITE: C122
BLACK: C121



ANTHRACITE: B246
WHITE: B254
BLACK: B250



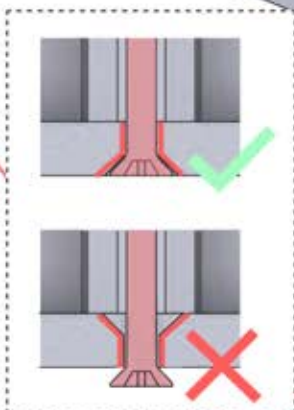
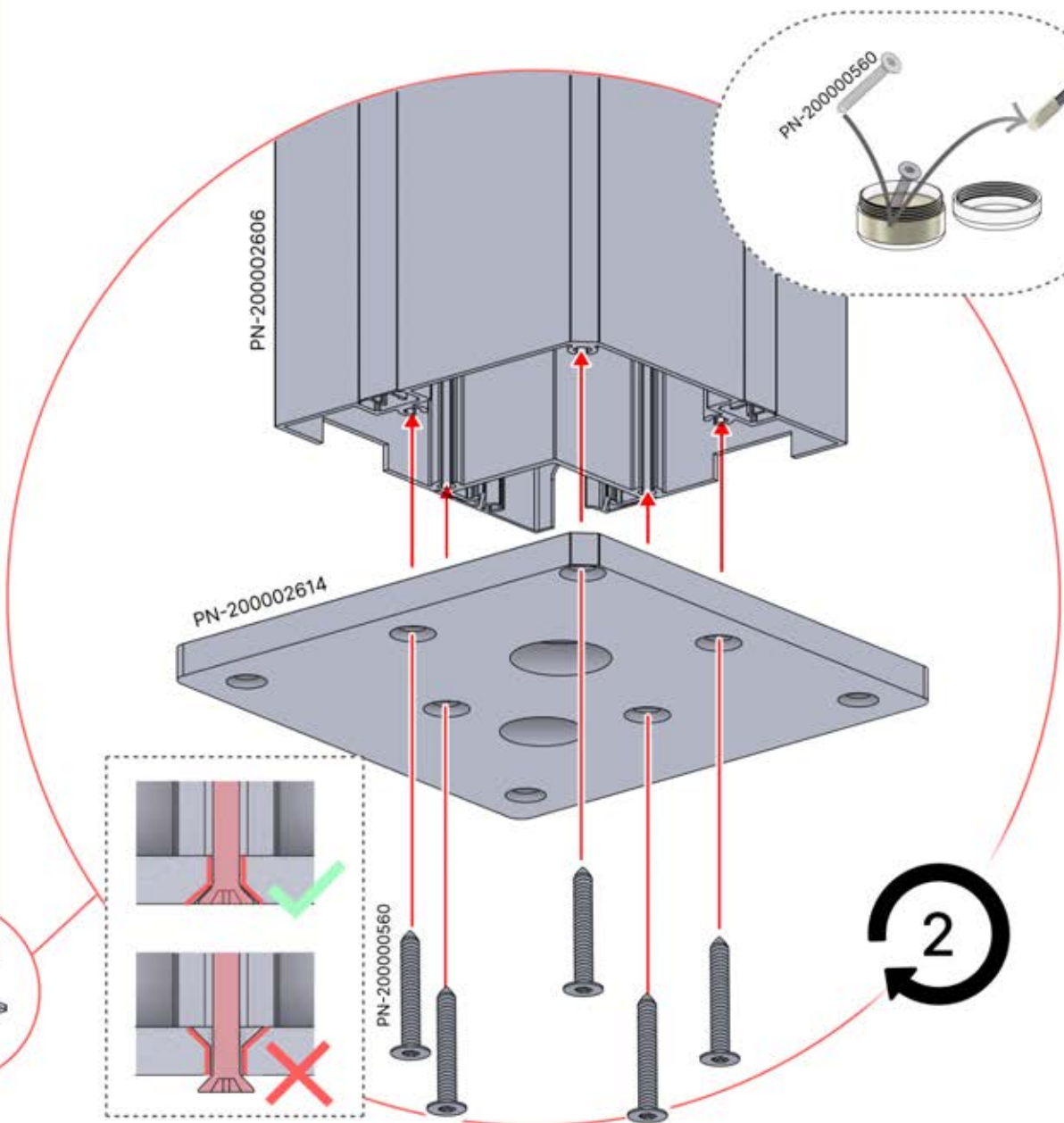
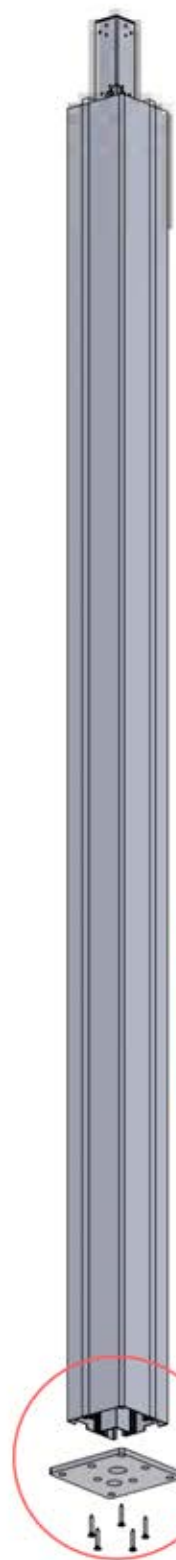
PN-200002606
2x



PN-200002614
2x



PN-200000560
10x



02



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



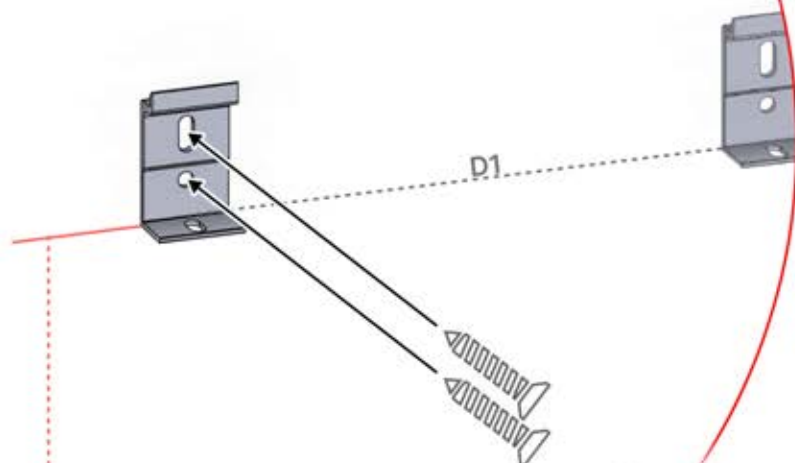
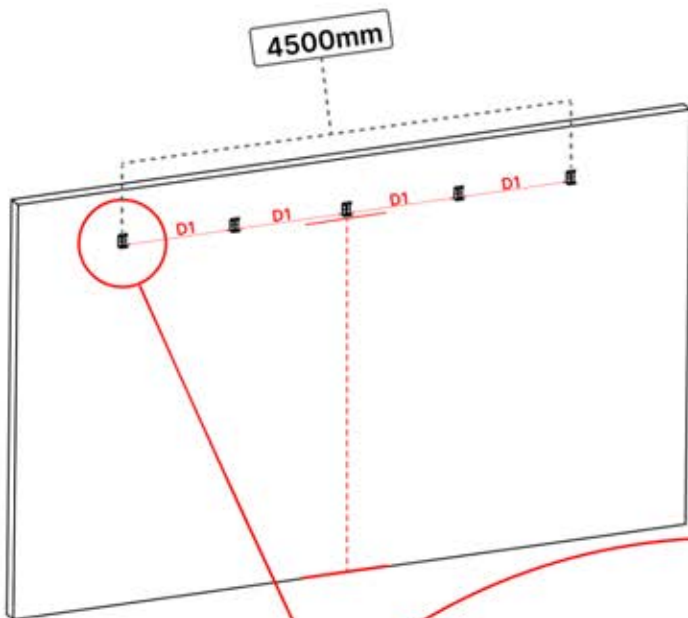
PN-200000510
5x



x10



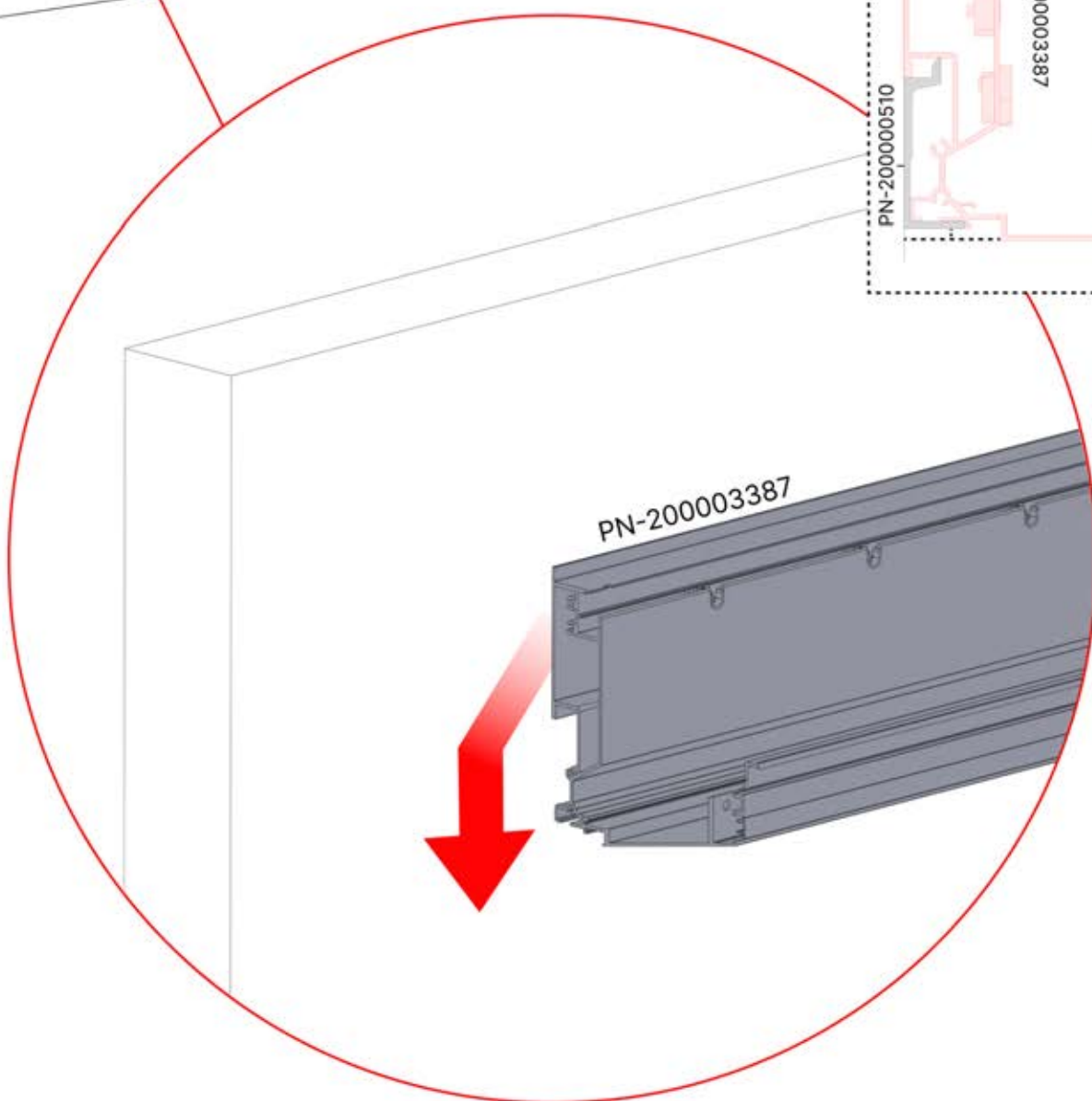
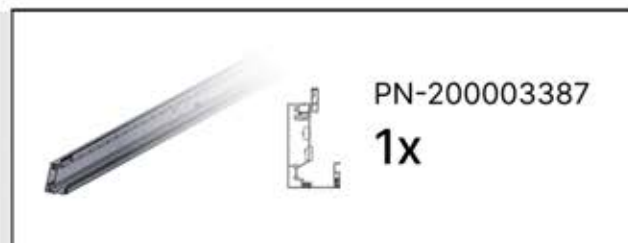
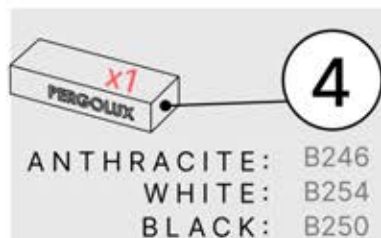
Install the first and last wall mount brackets (PN-200000510) 4500 mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.



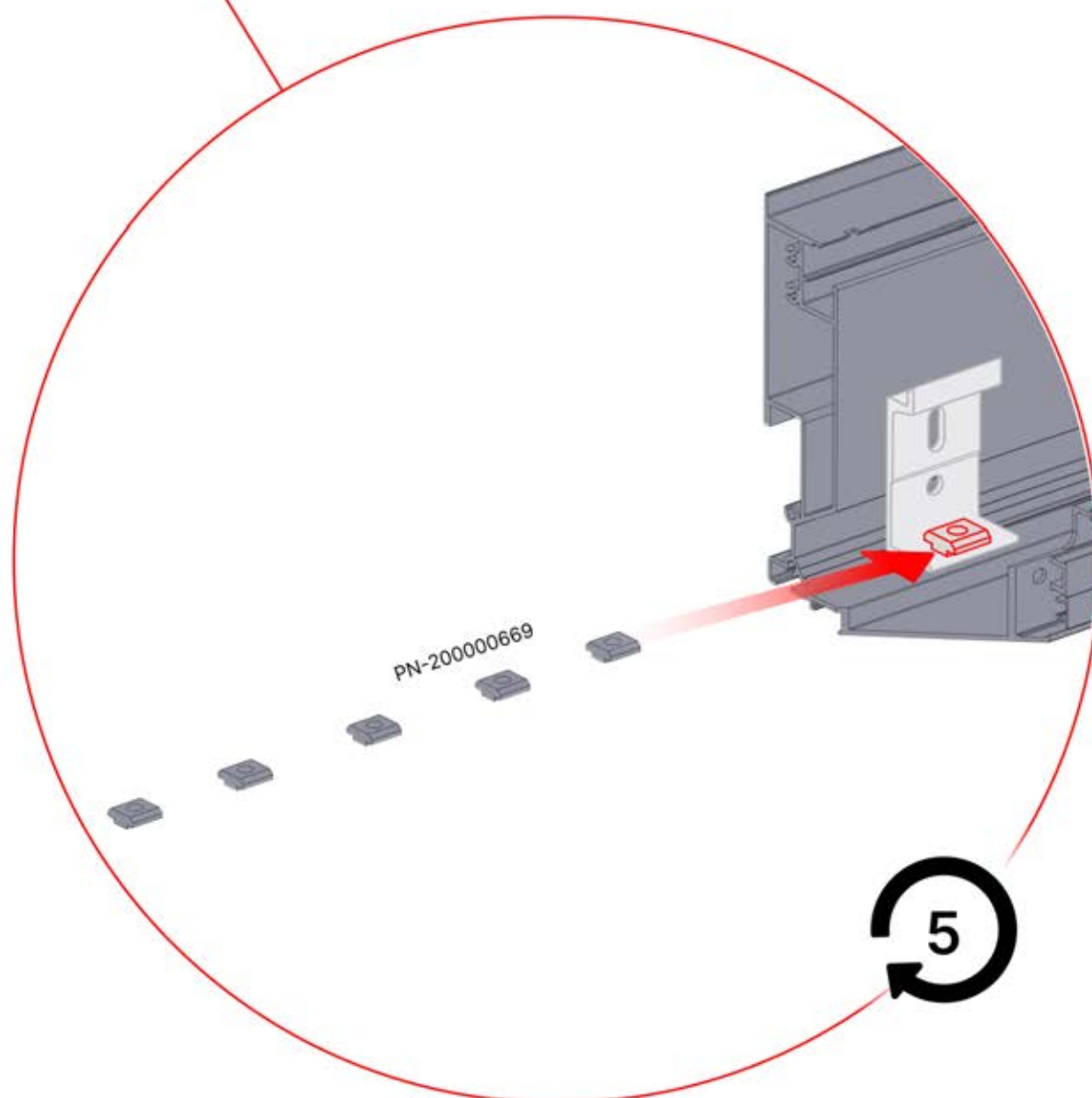
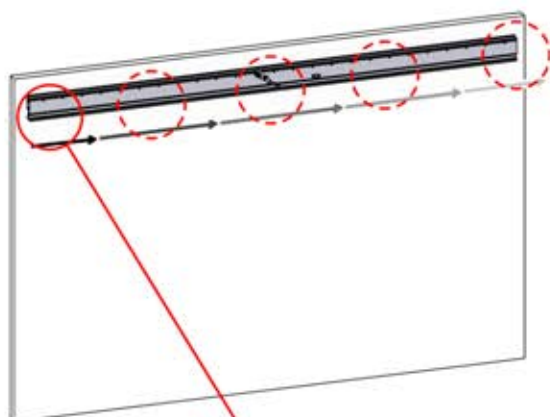
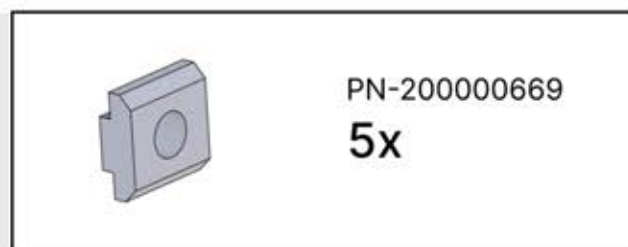
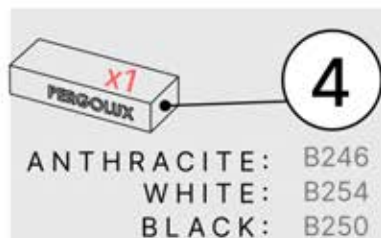
2356 mm
92 3/4"



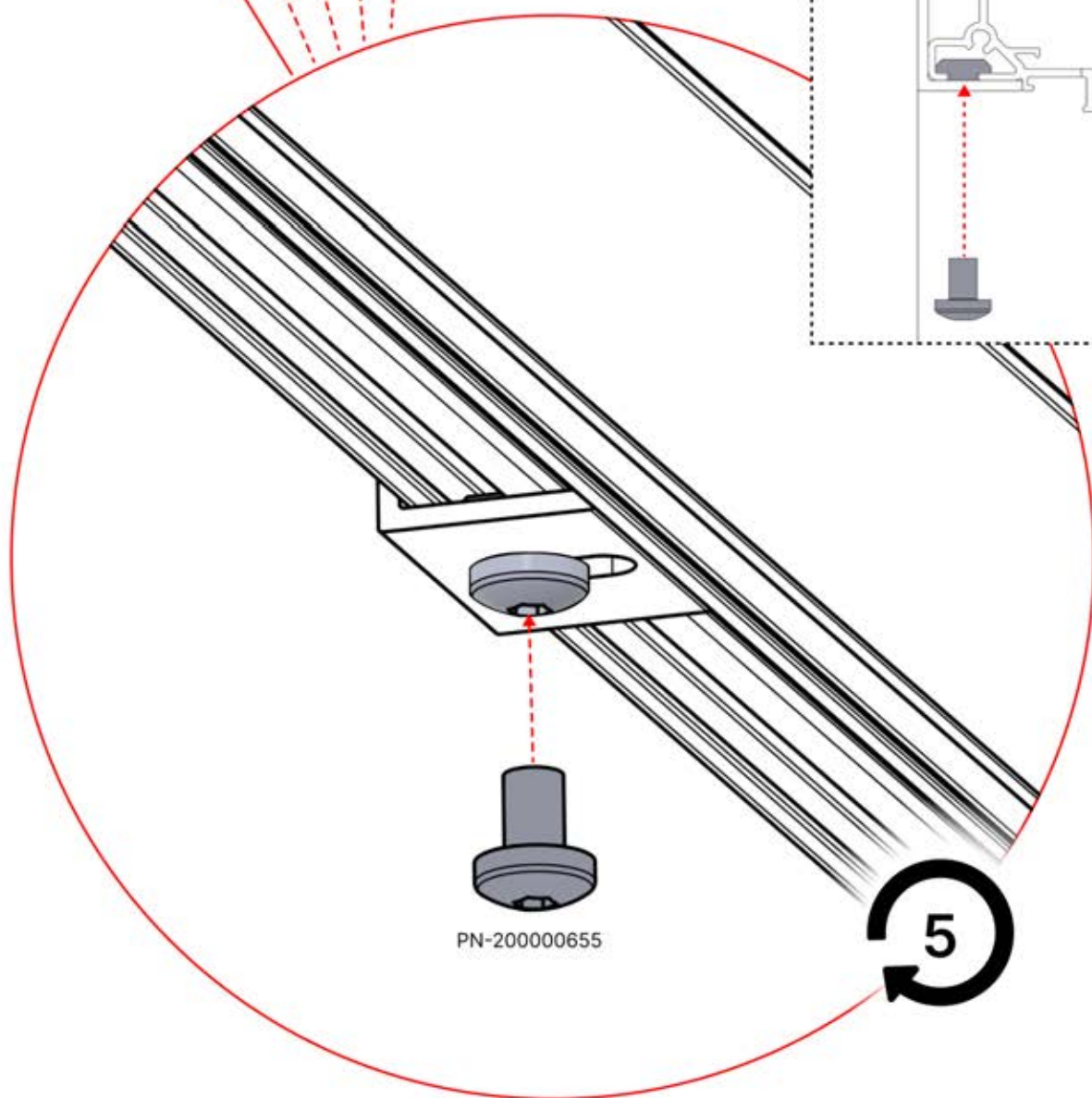
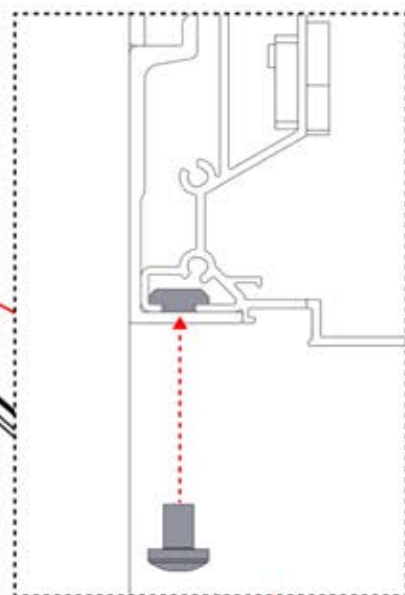
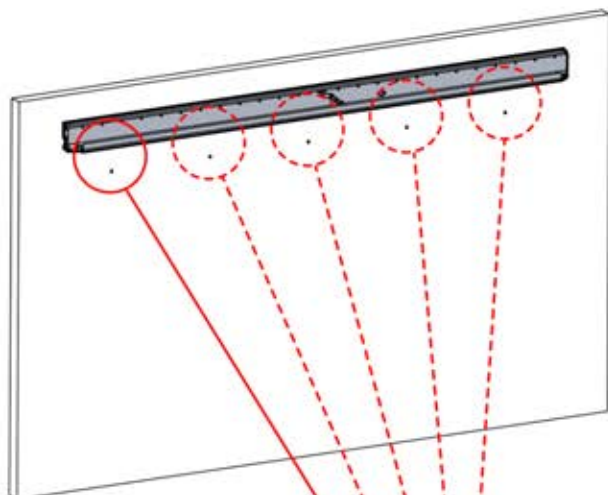
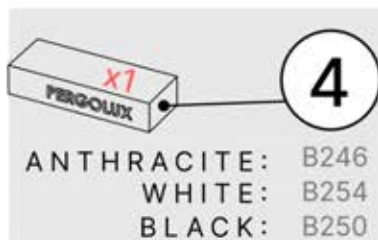
03



04



05



06


x1
4

ANTHRACITE: B246
 WHITE: B254
 BLACK: B250


x1
5

ANTHRACITE: B262
 WHITE: B266
 BLACK: B264



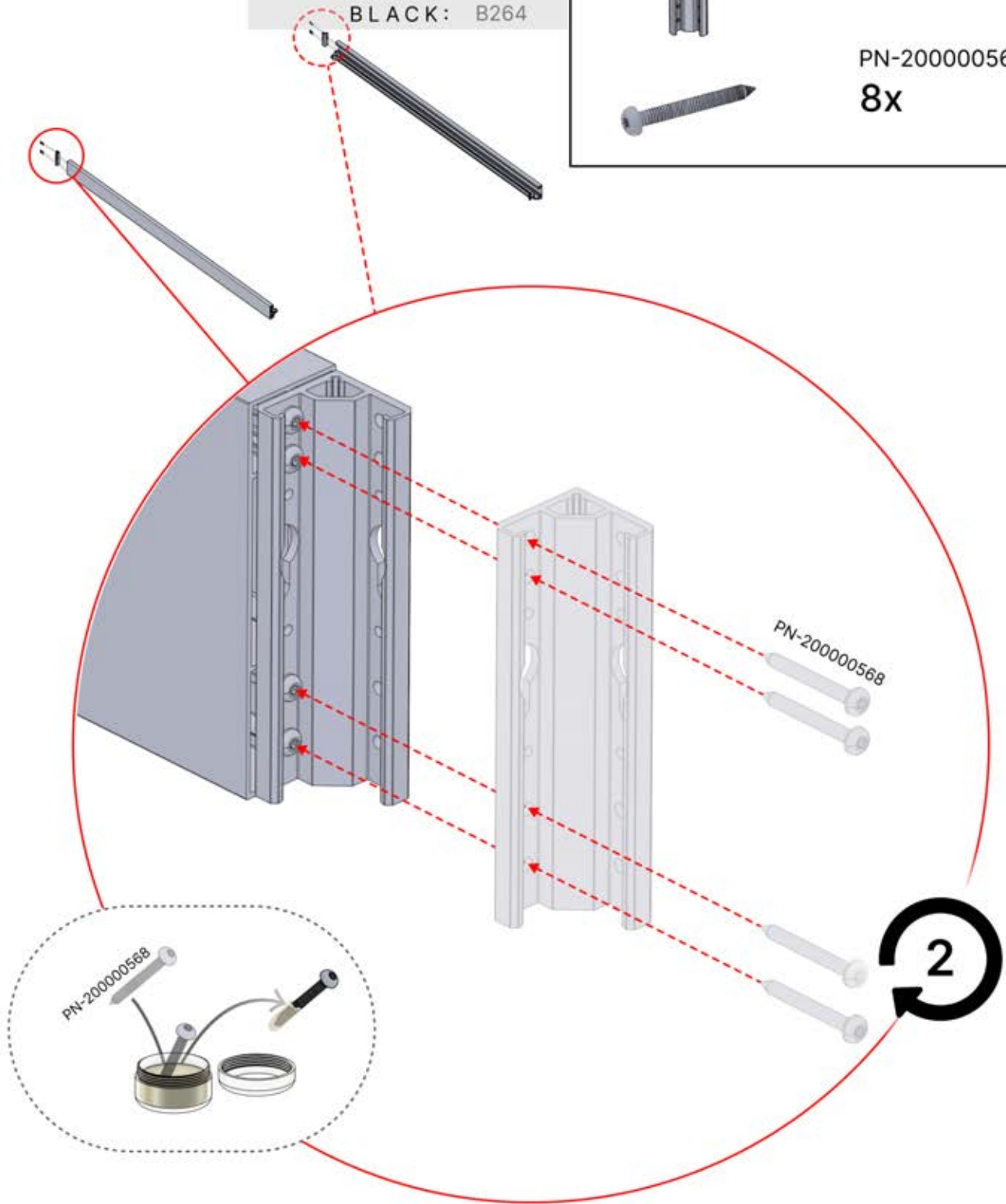
 PN-200003357
1x



 PN-200003394
1x


 PN-200003308
2x


 PN-200000568
8x



07


5

ANTHRACITE: B262
 WHITE: B266
 BLACK: B264


4

ANTHRACITE: B246
 WHITE: B254
 BLACK: B250

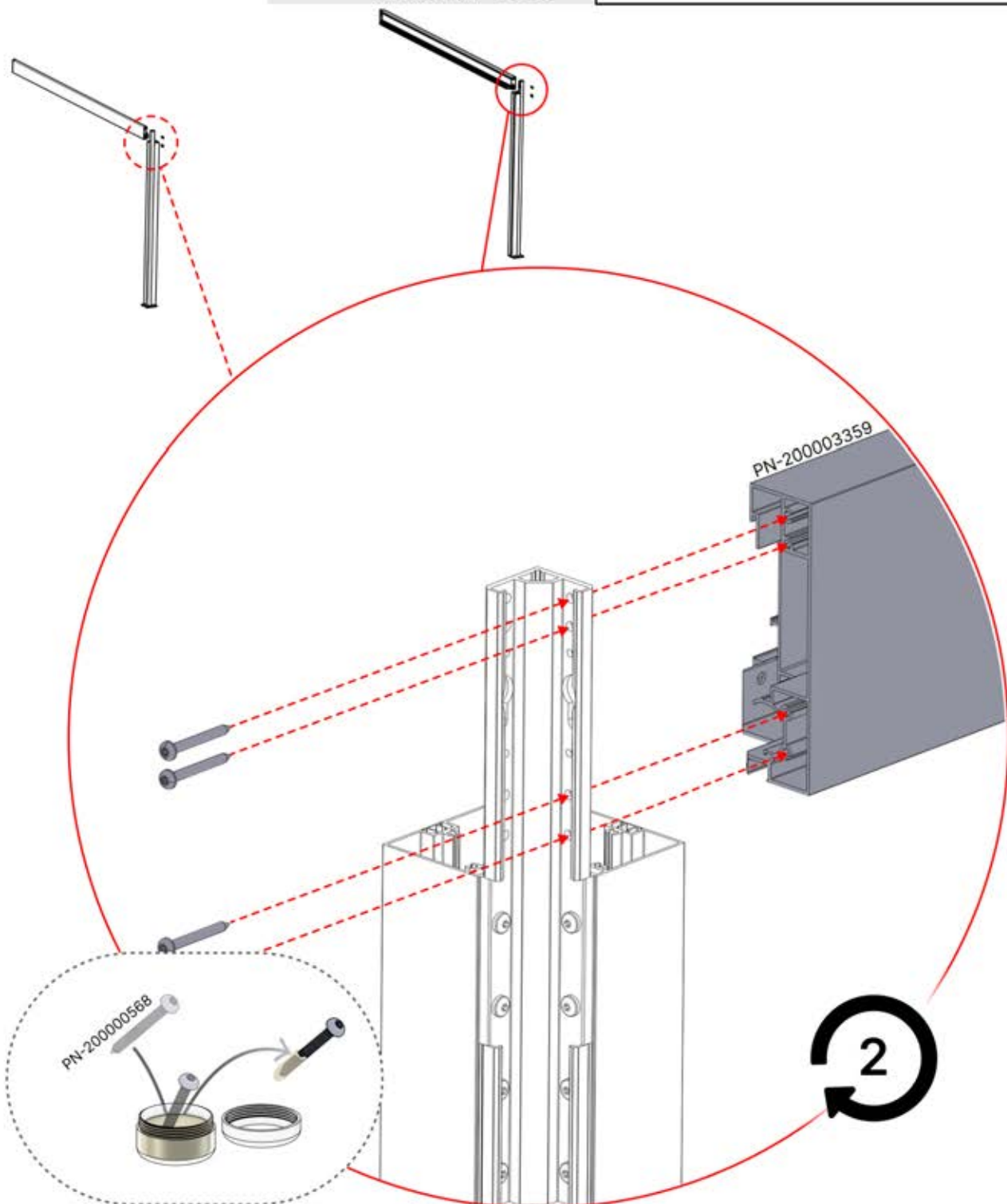


 PN-200003357
1x

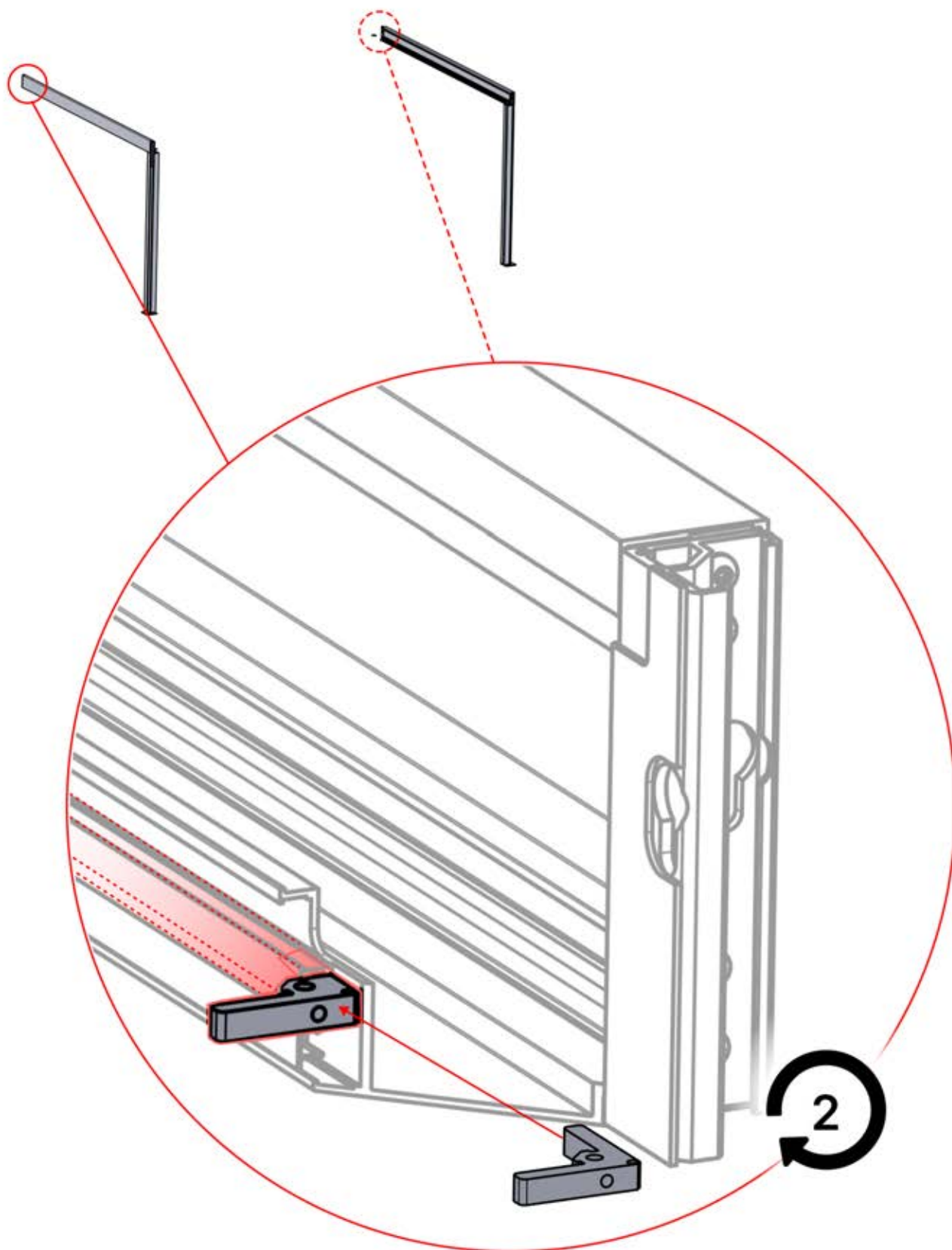
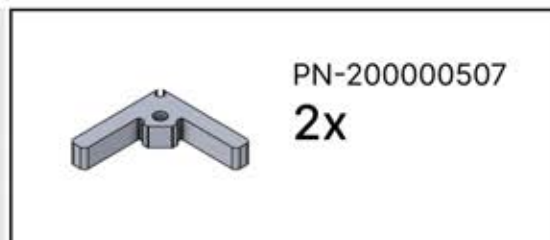
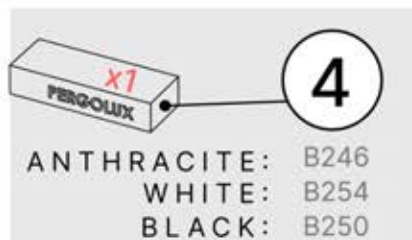


 PN-200003394
1x

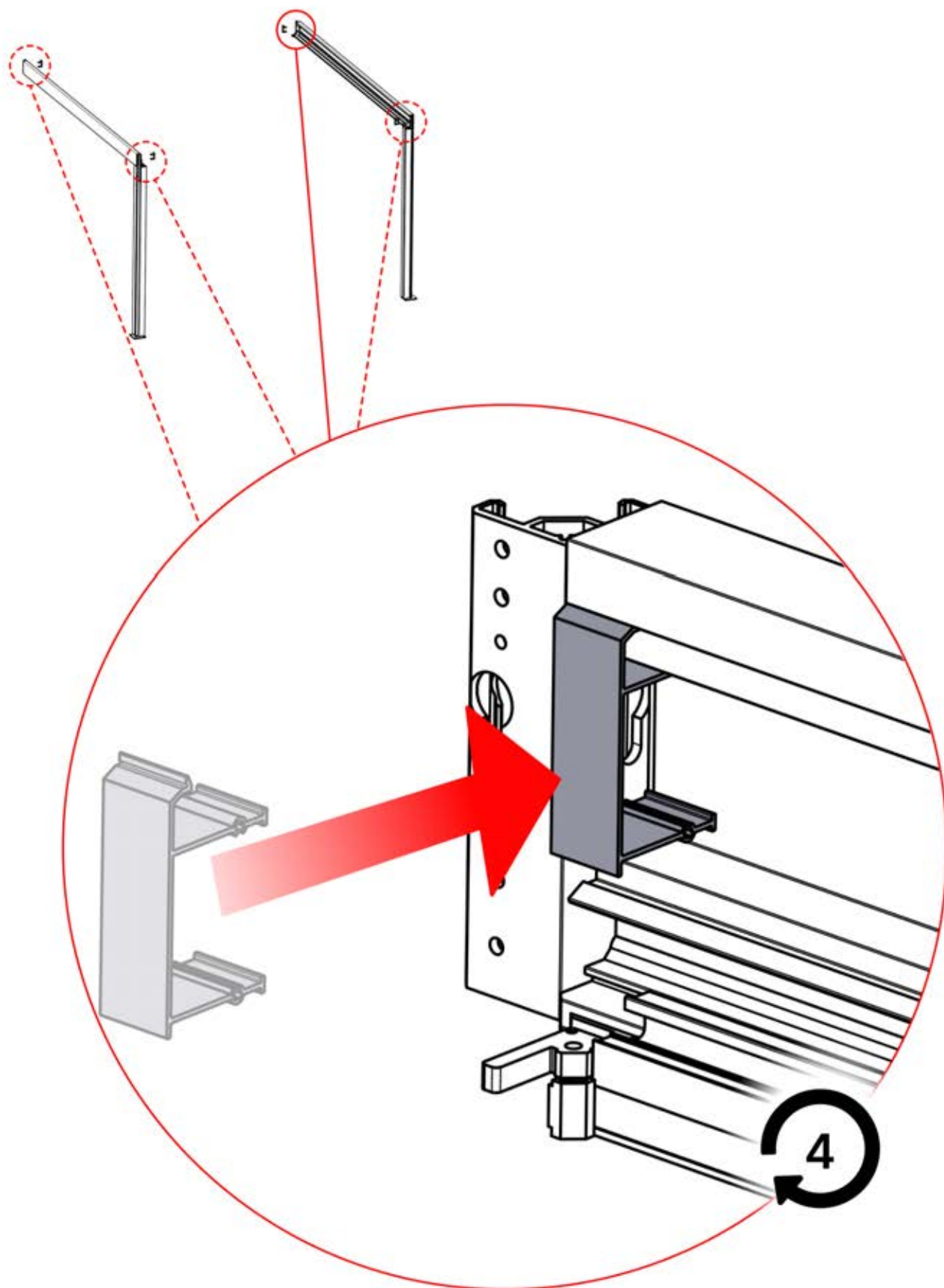
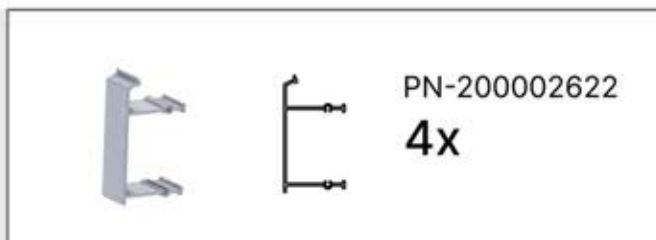
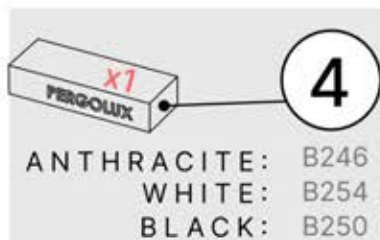

 PN-200000568
8x



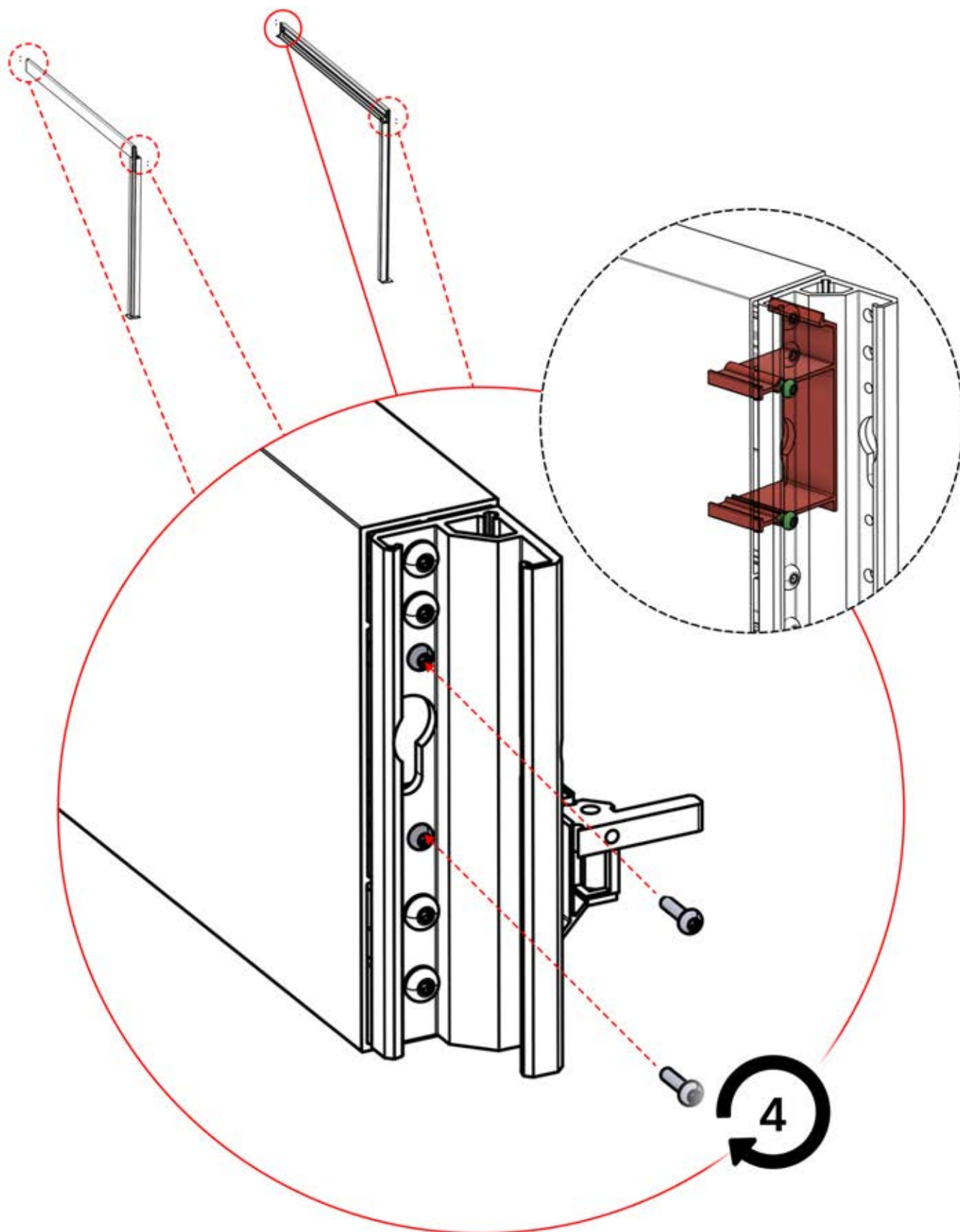
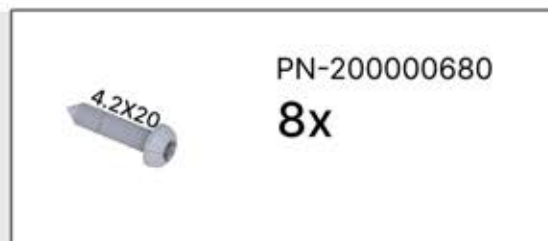
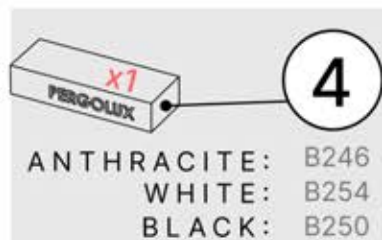
08



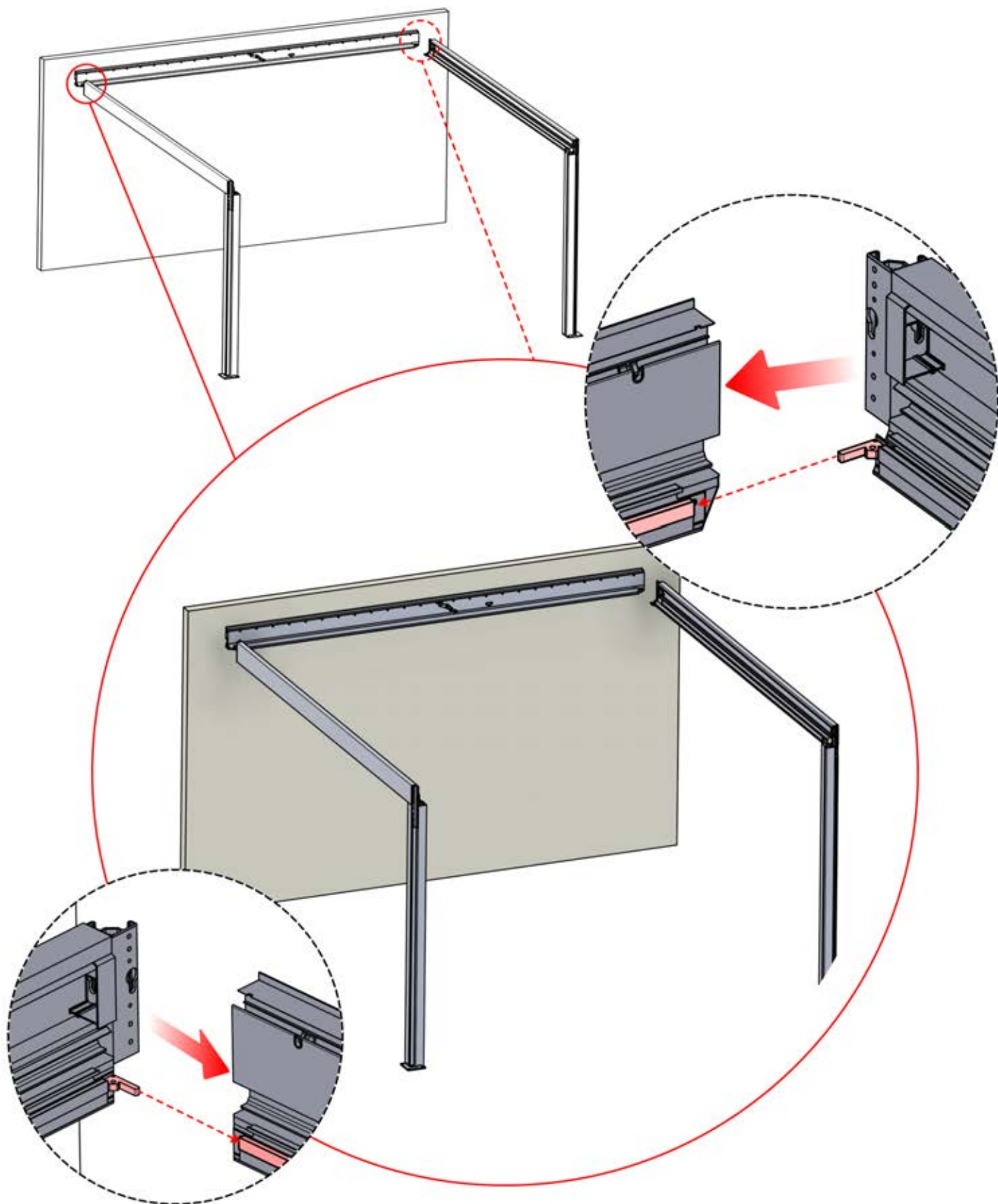
09



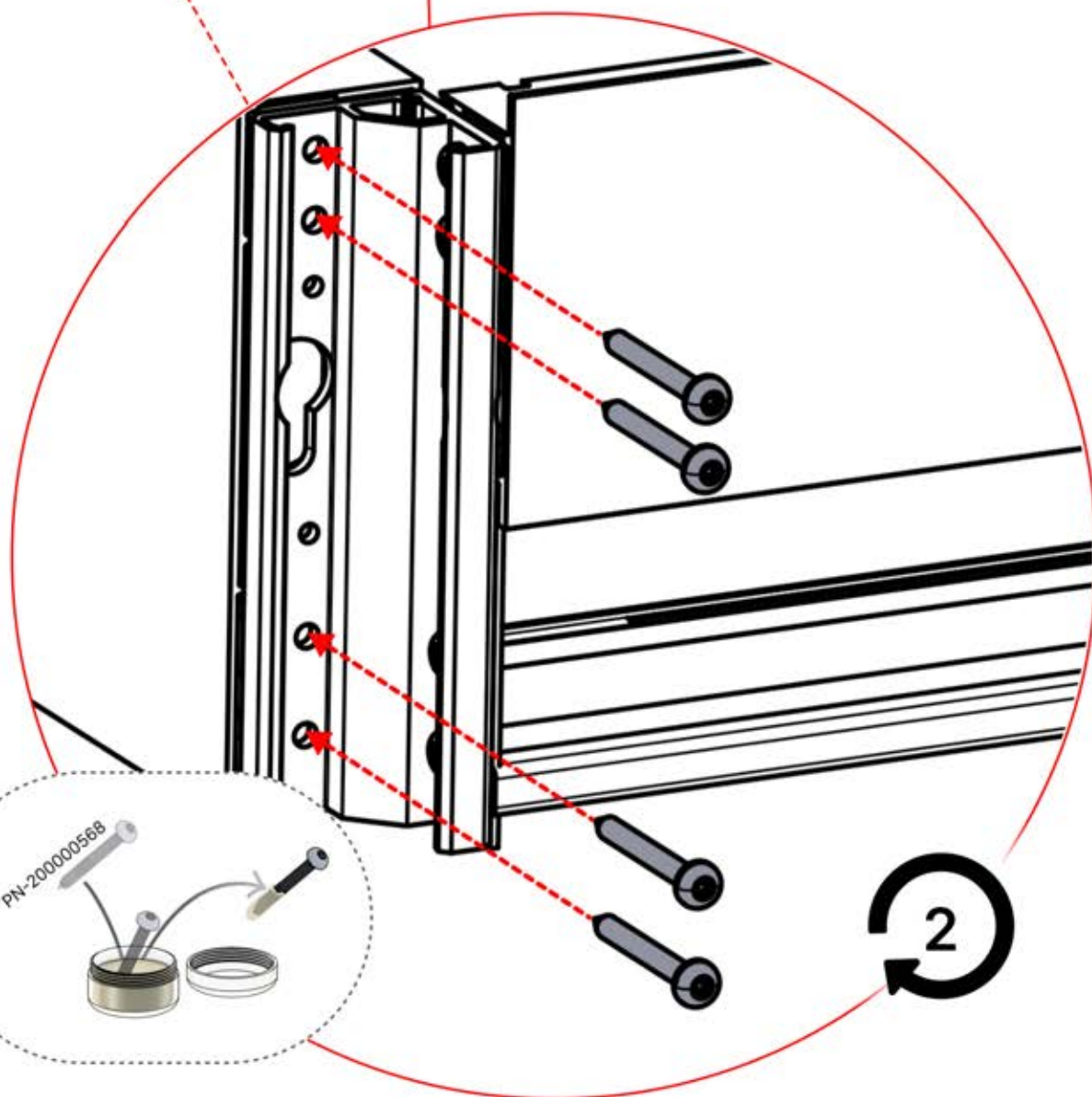
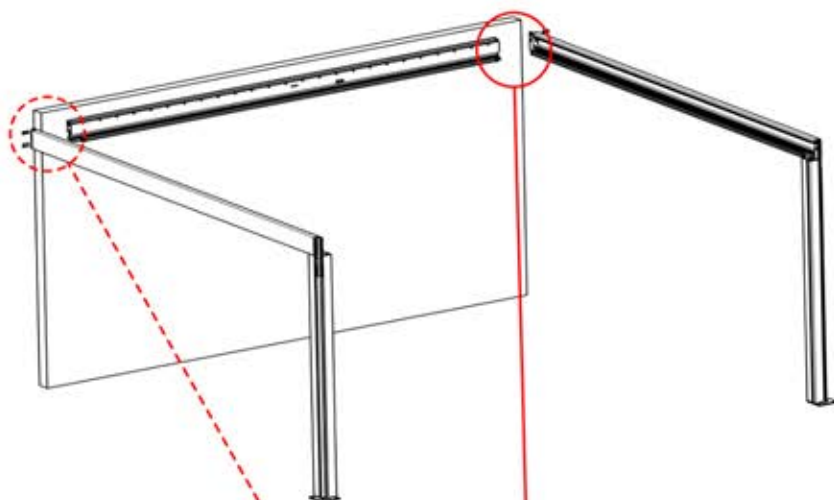
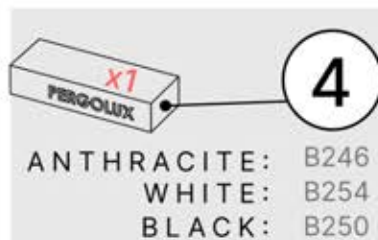
10



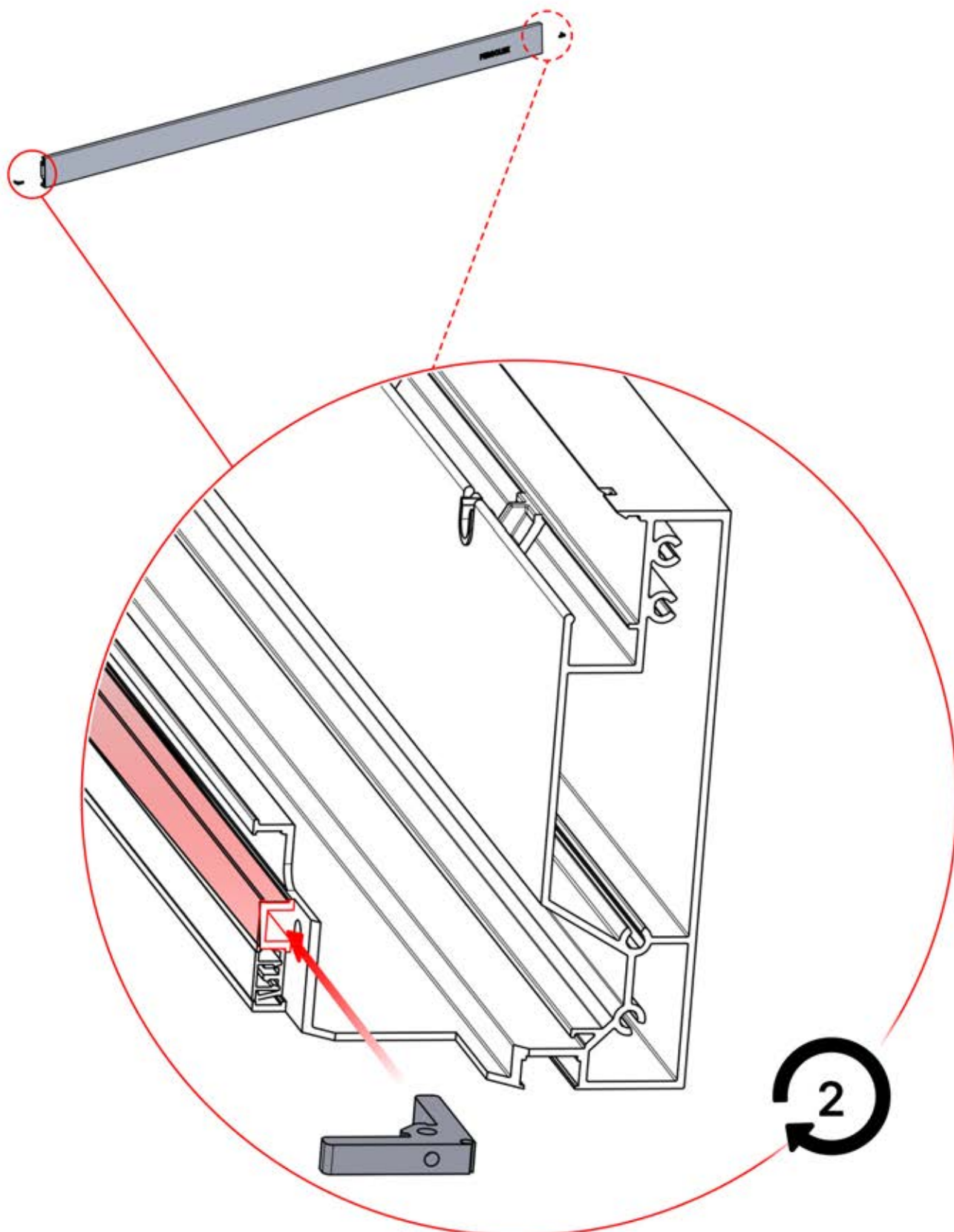
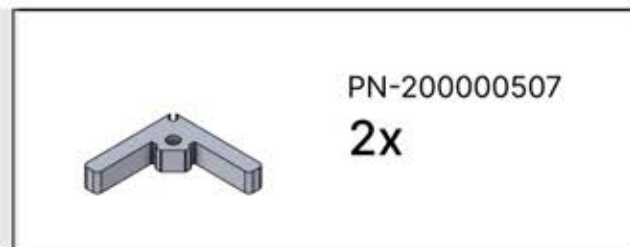
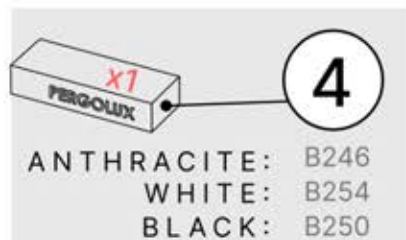
11



12



13



14



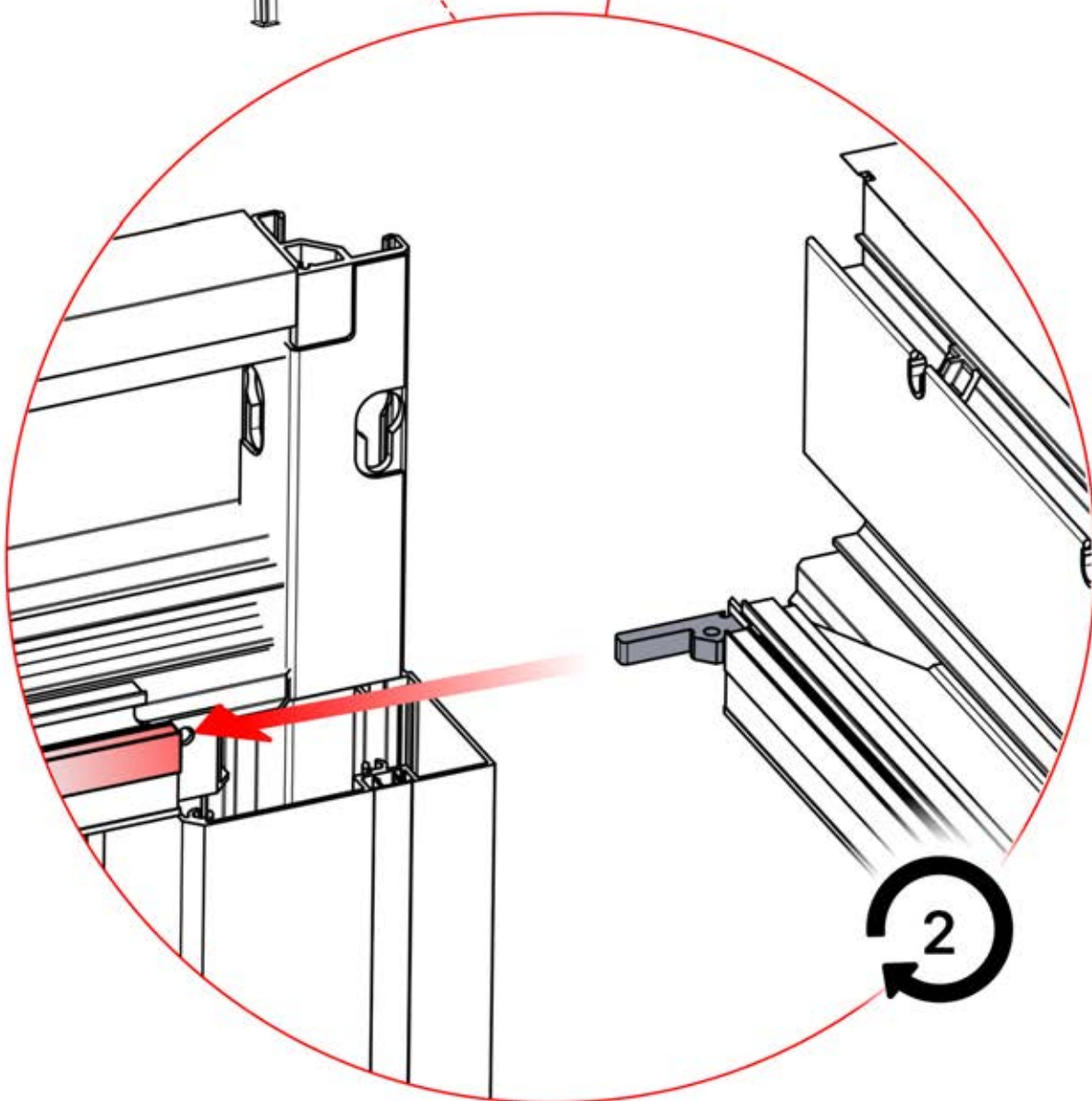
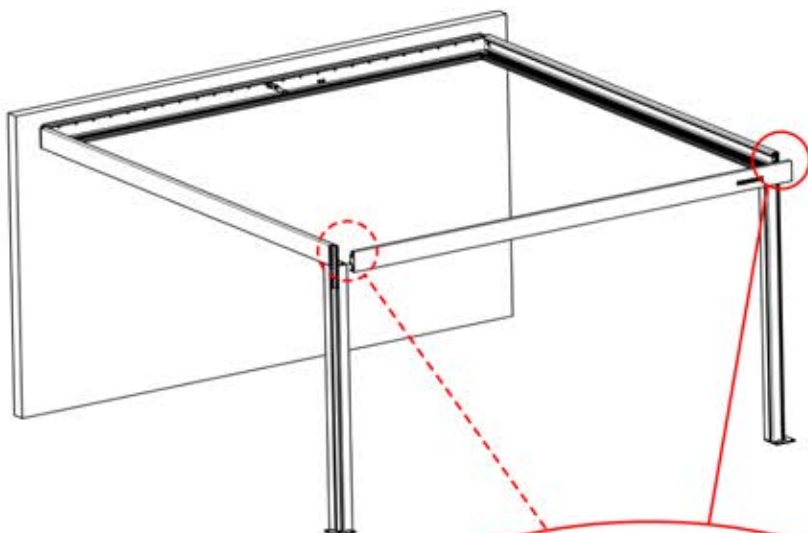
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

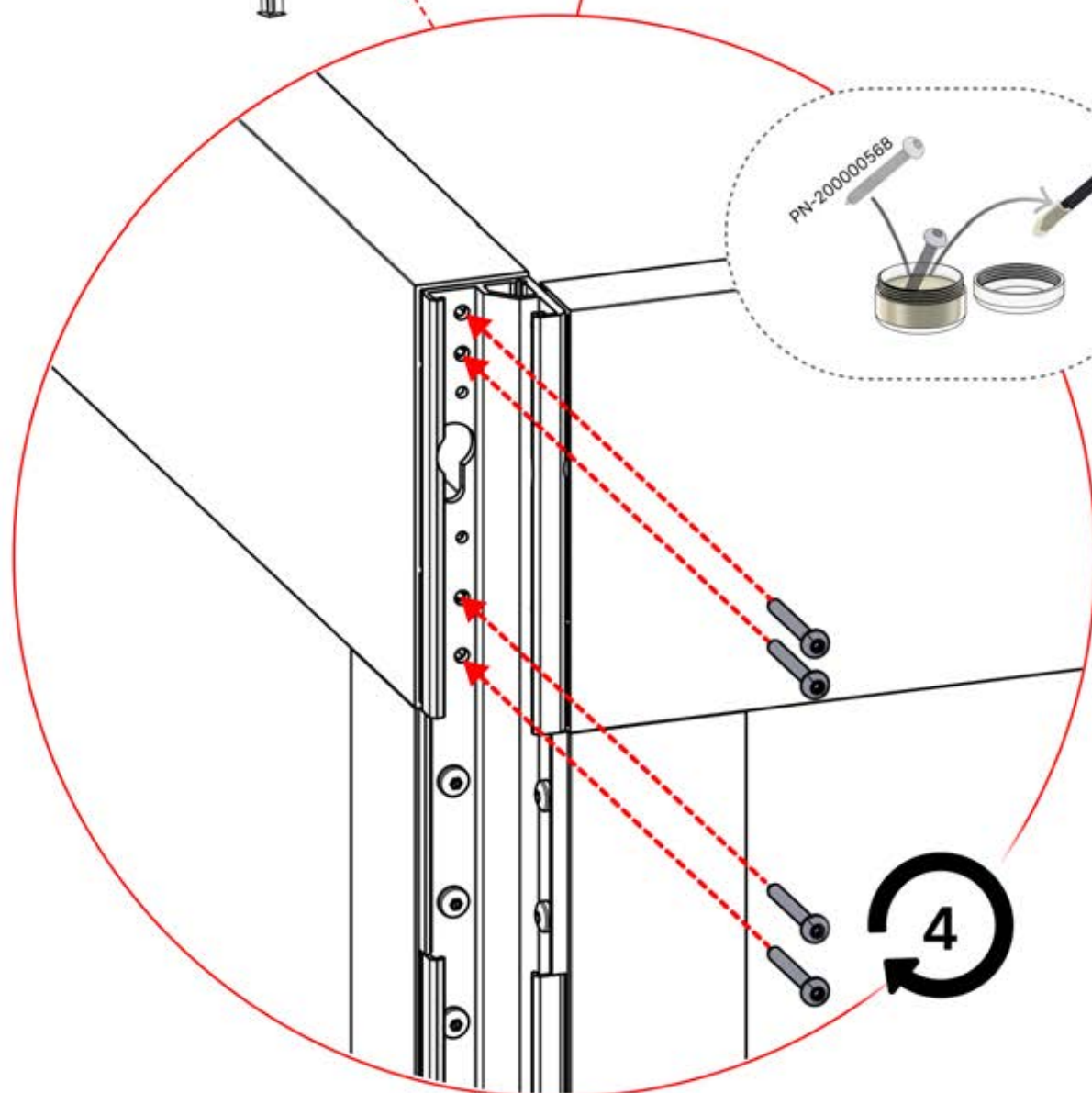
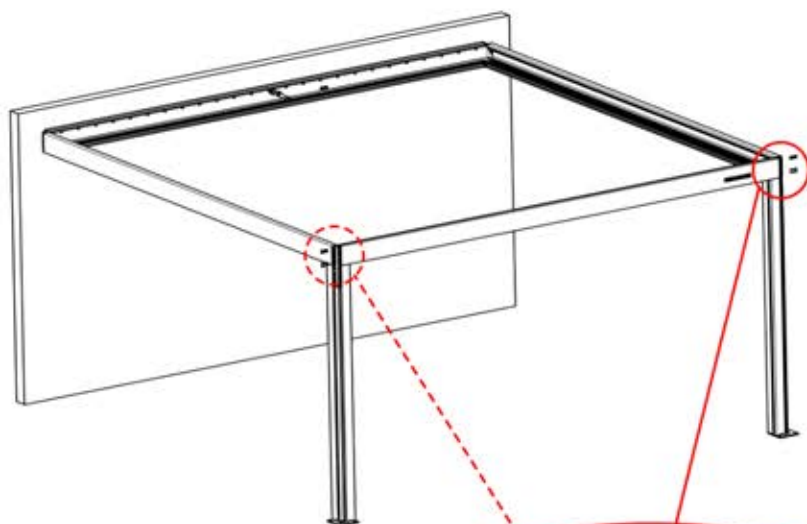
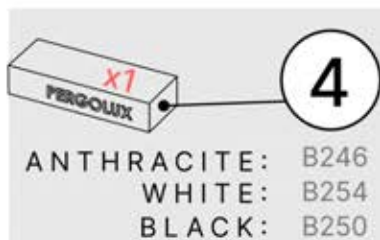


PN-200000507

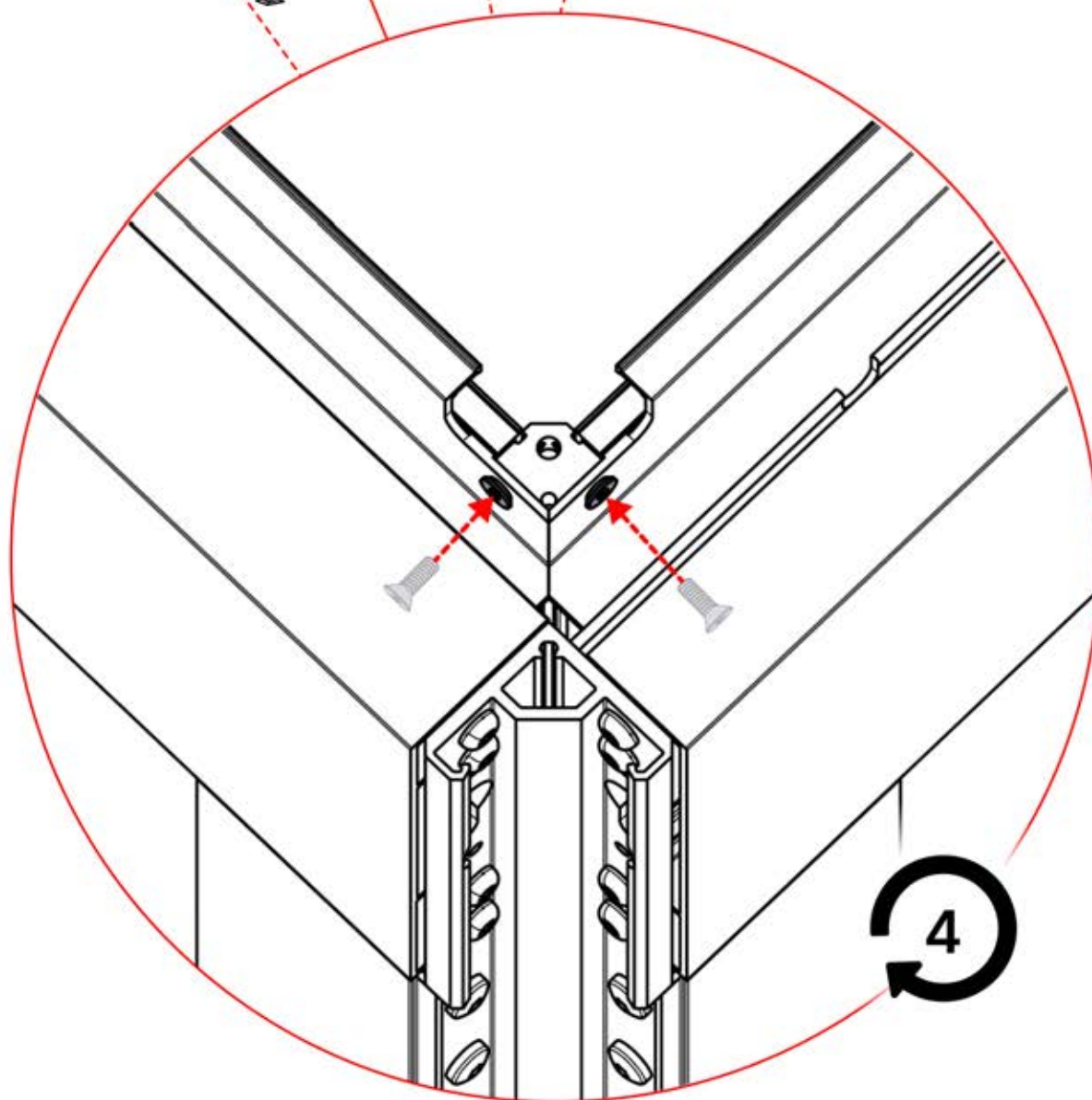
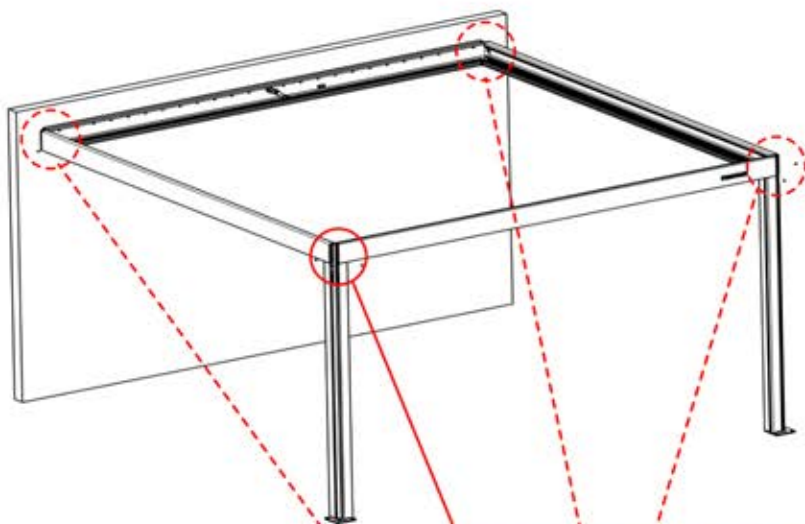
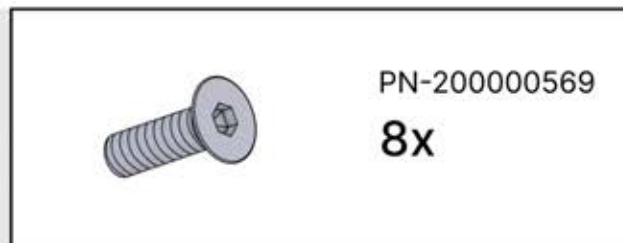
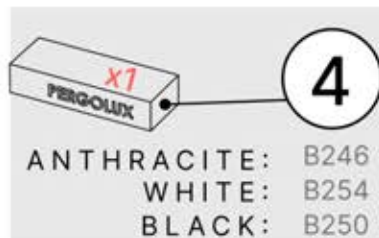
2x



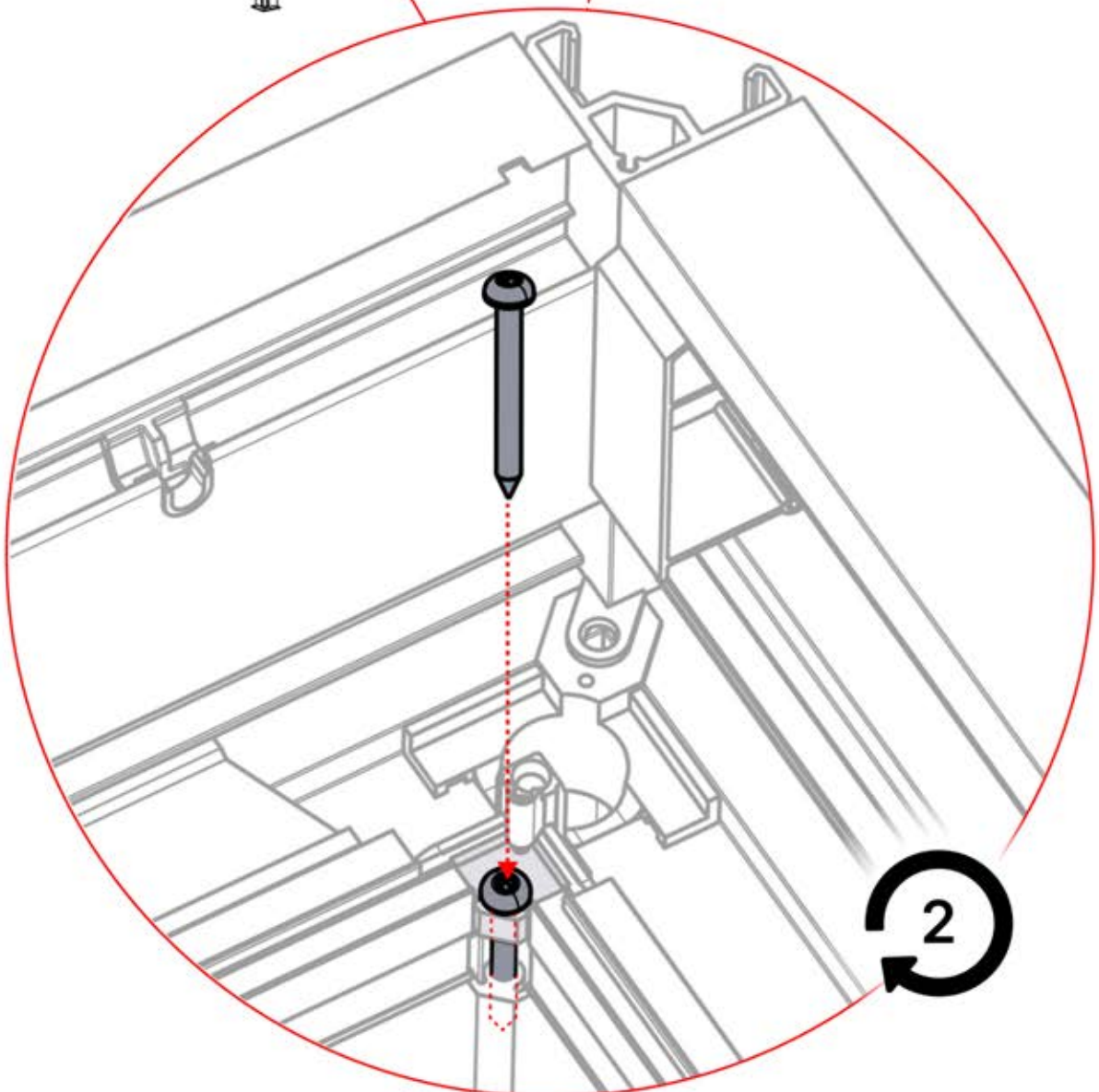
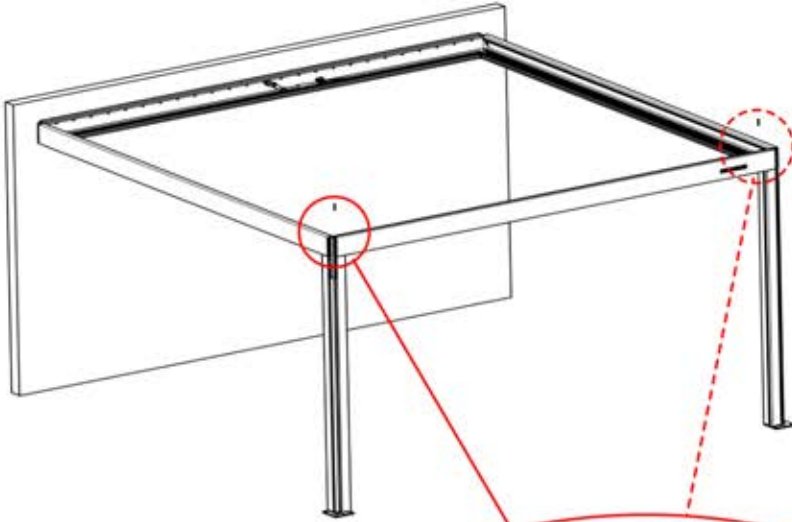
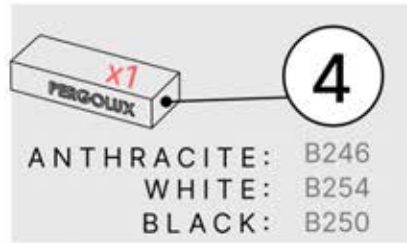
15



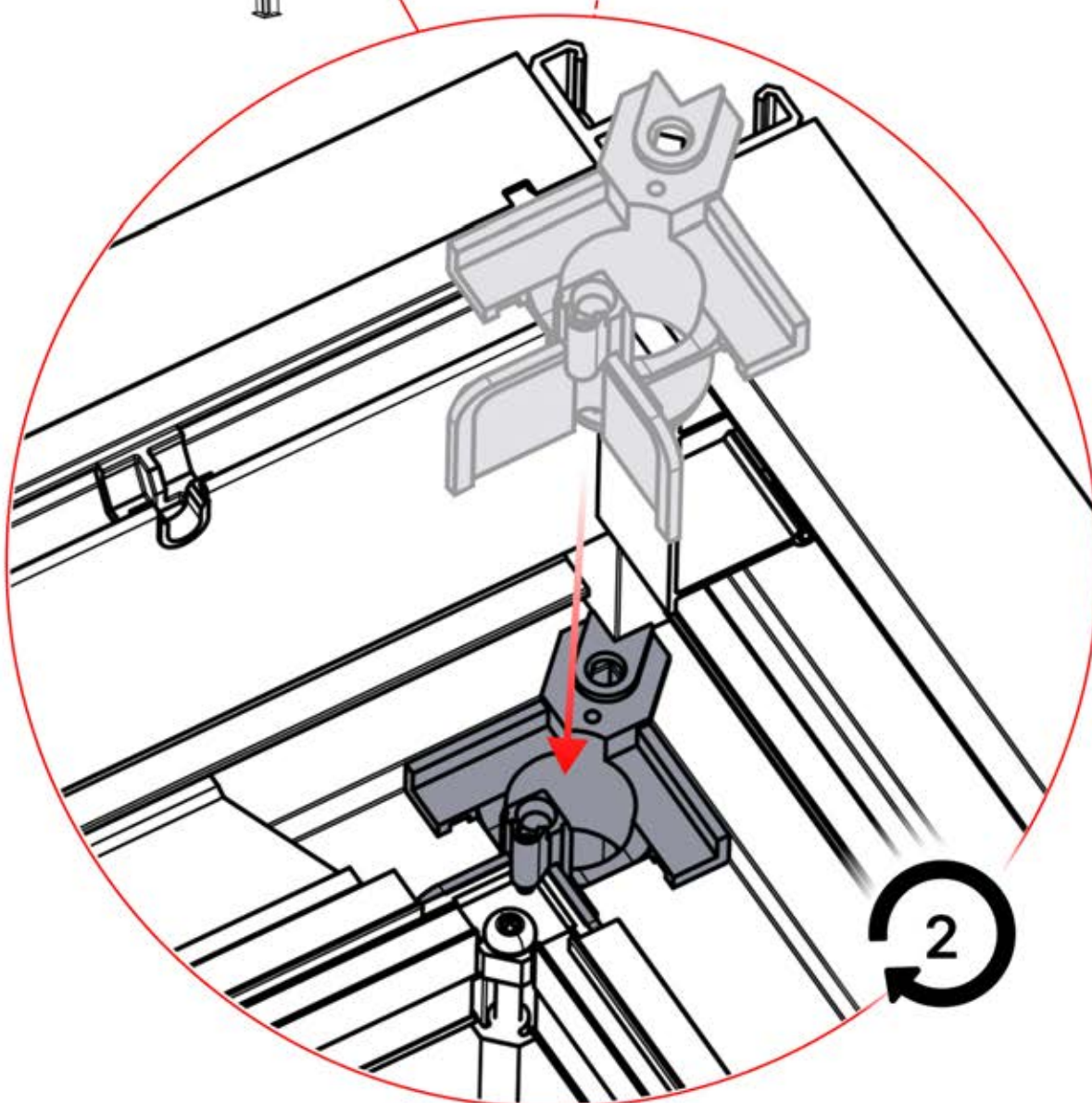
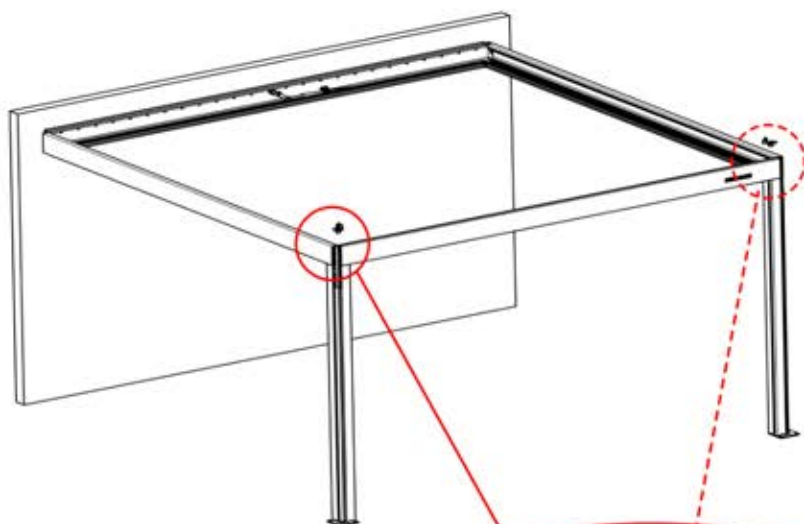
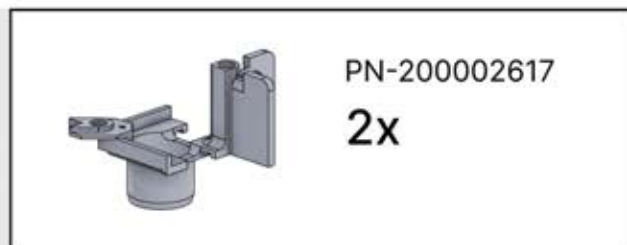
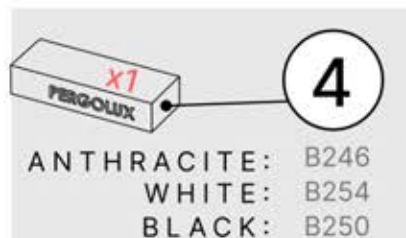
16



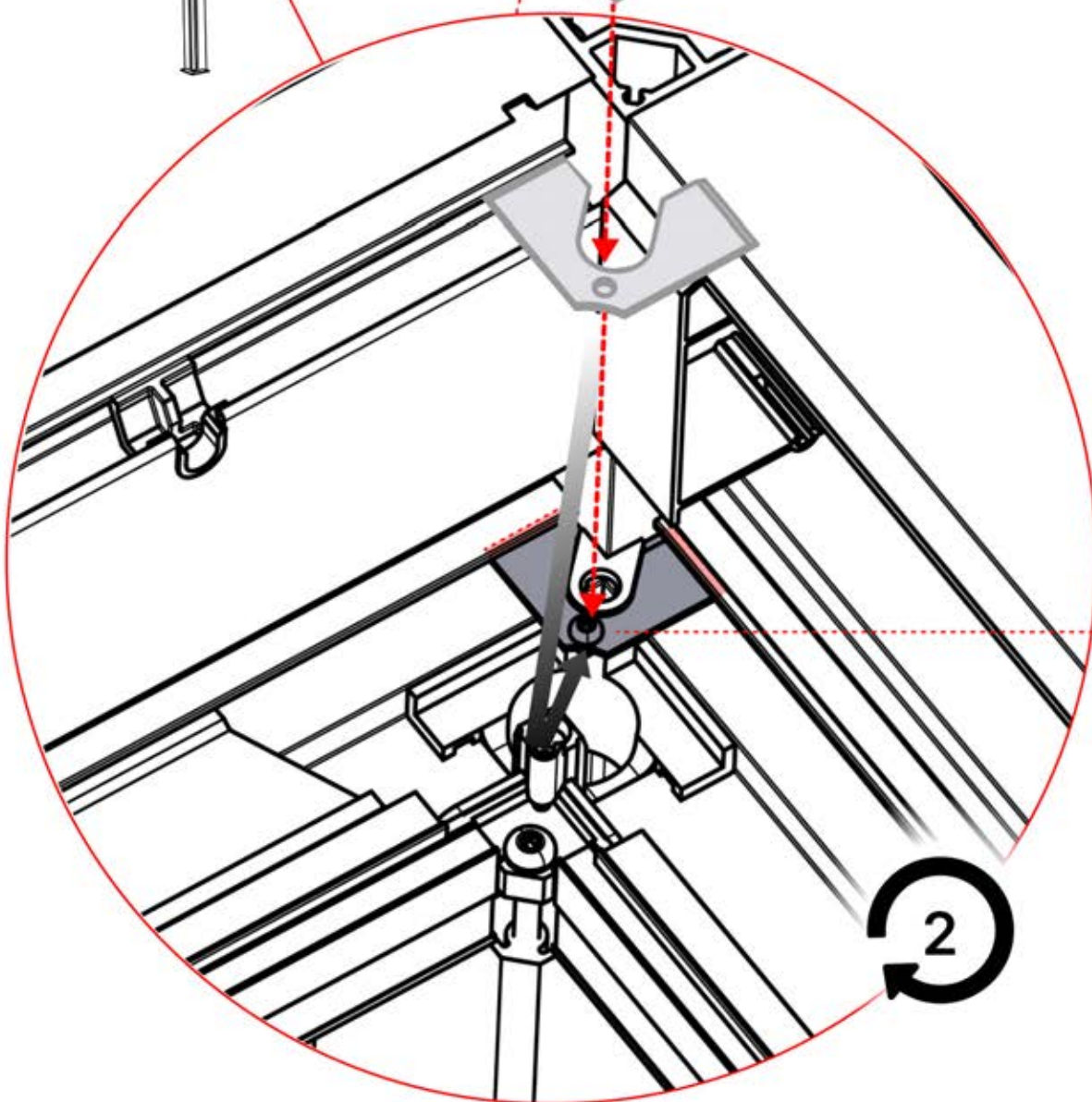
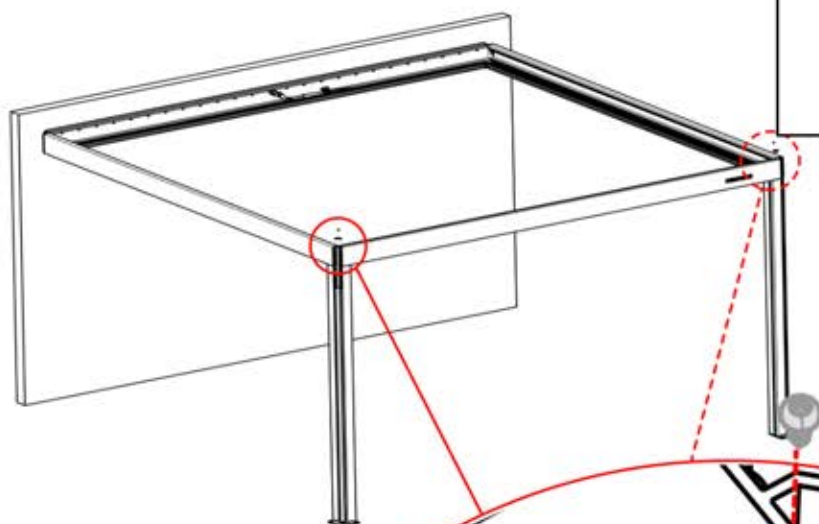
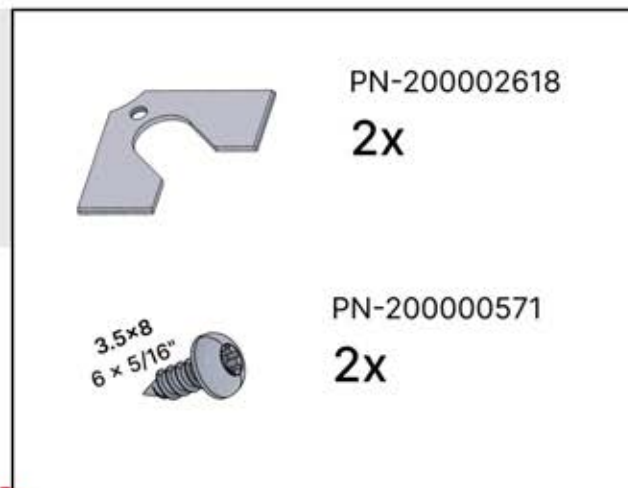
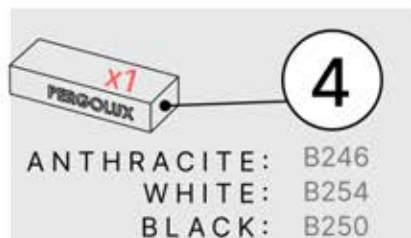
17



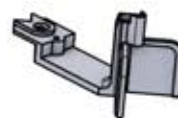
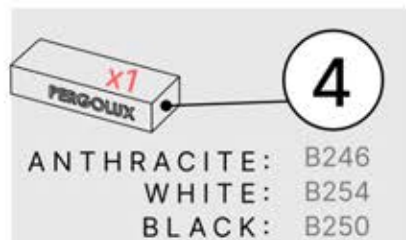
18



19

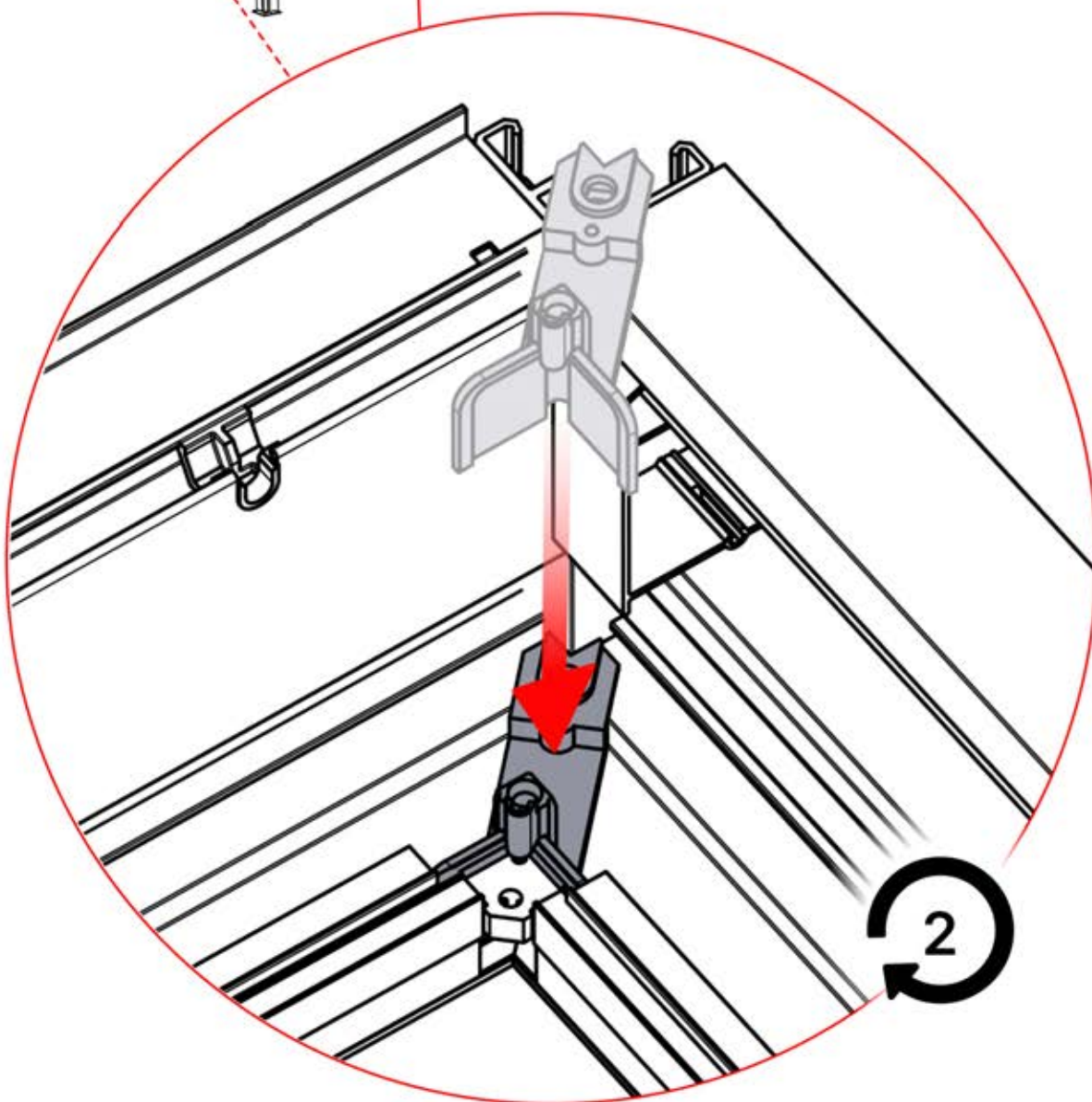
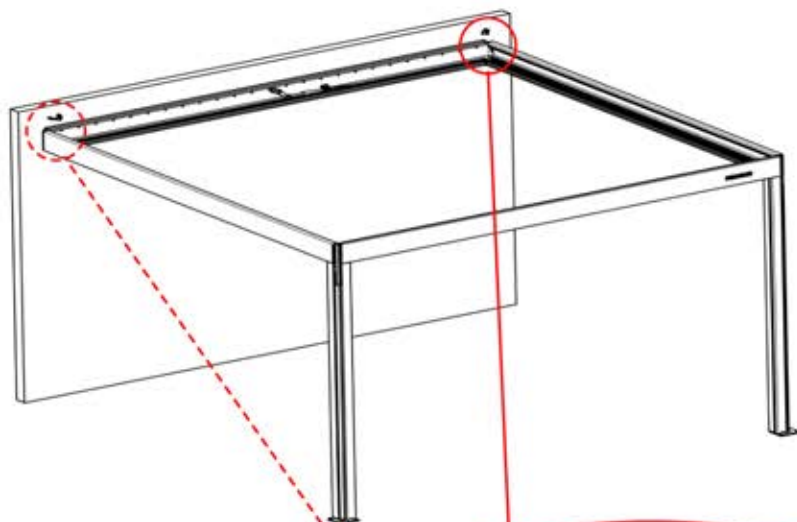


20

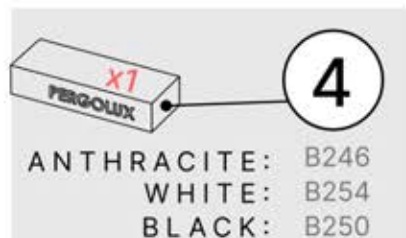


PN-200002792

2x



21



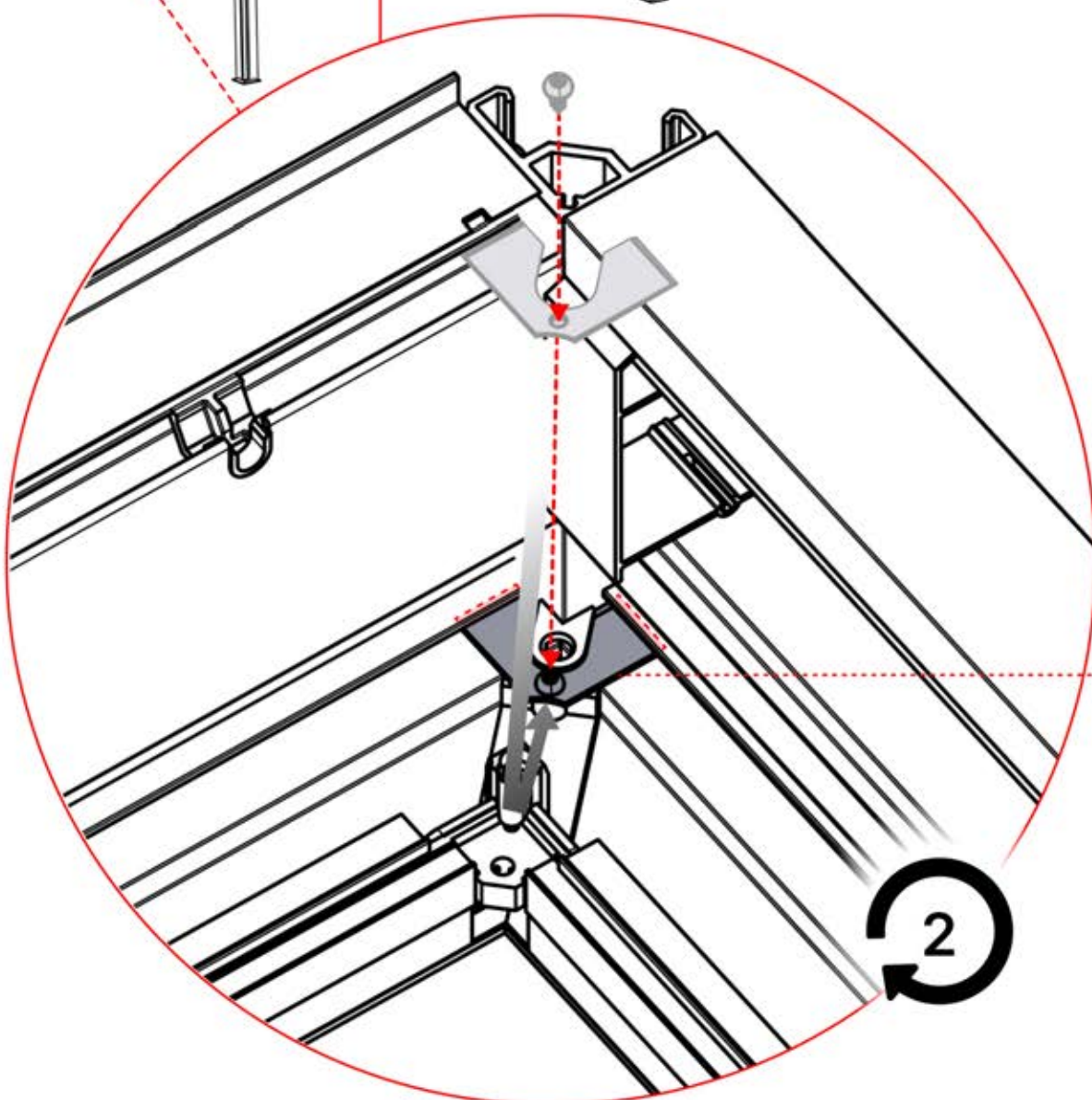
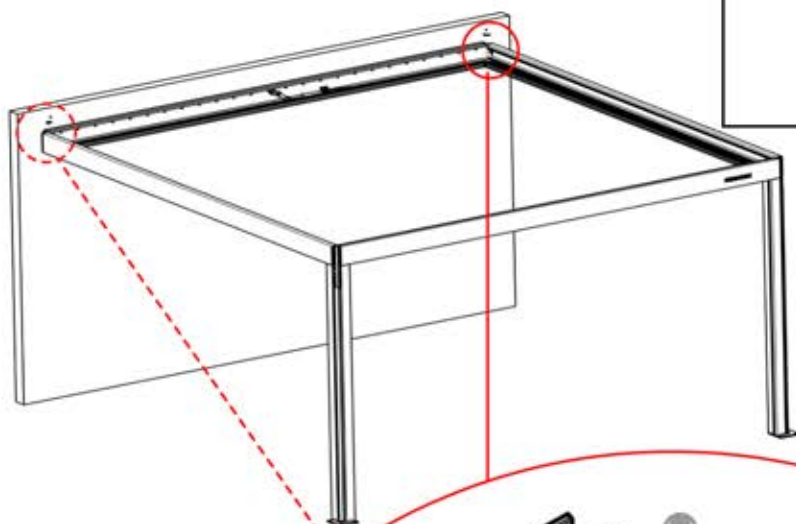
PN-200002618

2x



PN-200000571

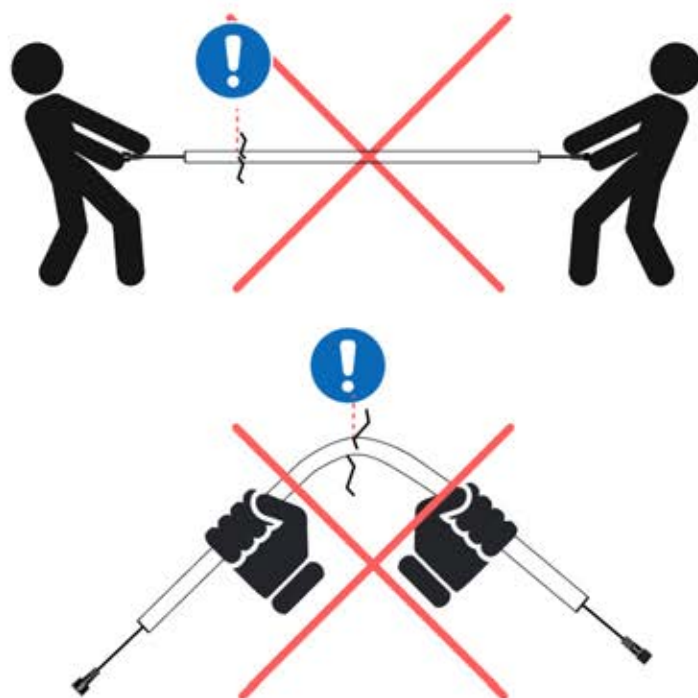
2x



IMPORTANT INFORMATION

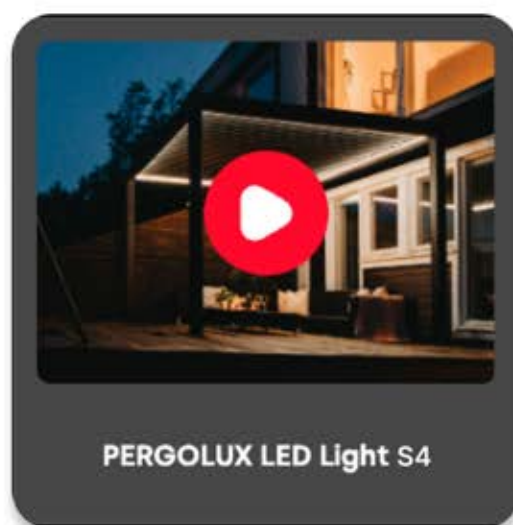
Handle with care.

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.

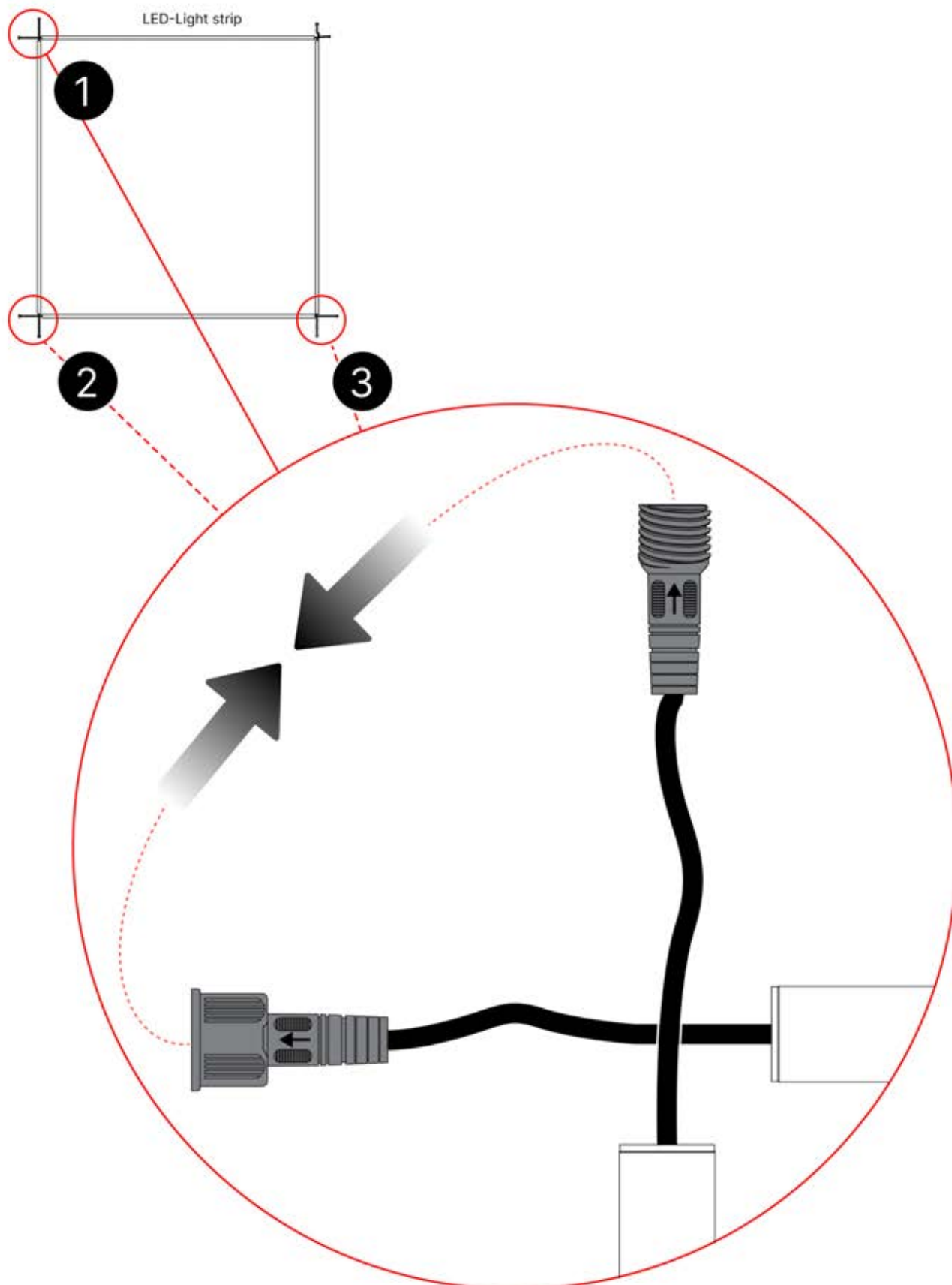


Important! Please watch all the videos before starting the assembly.

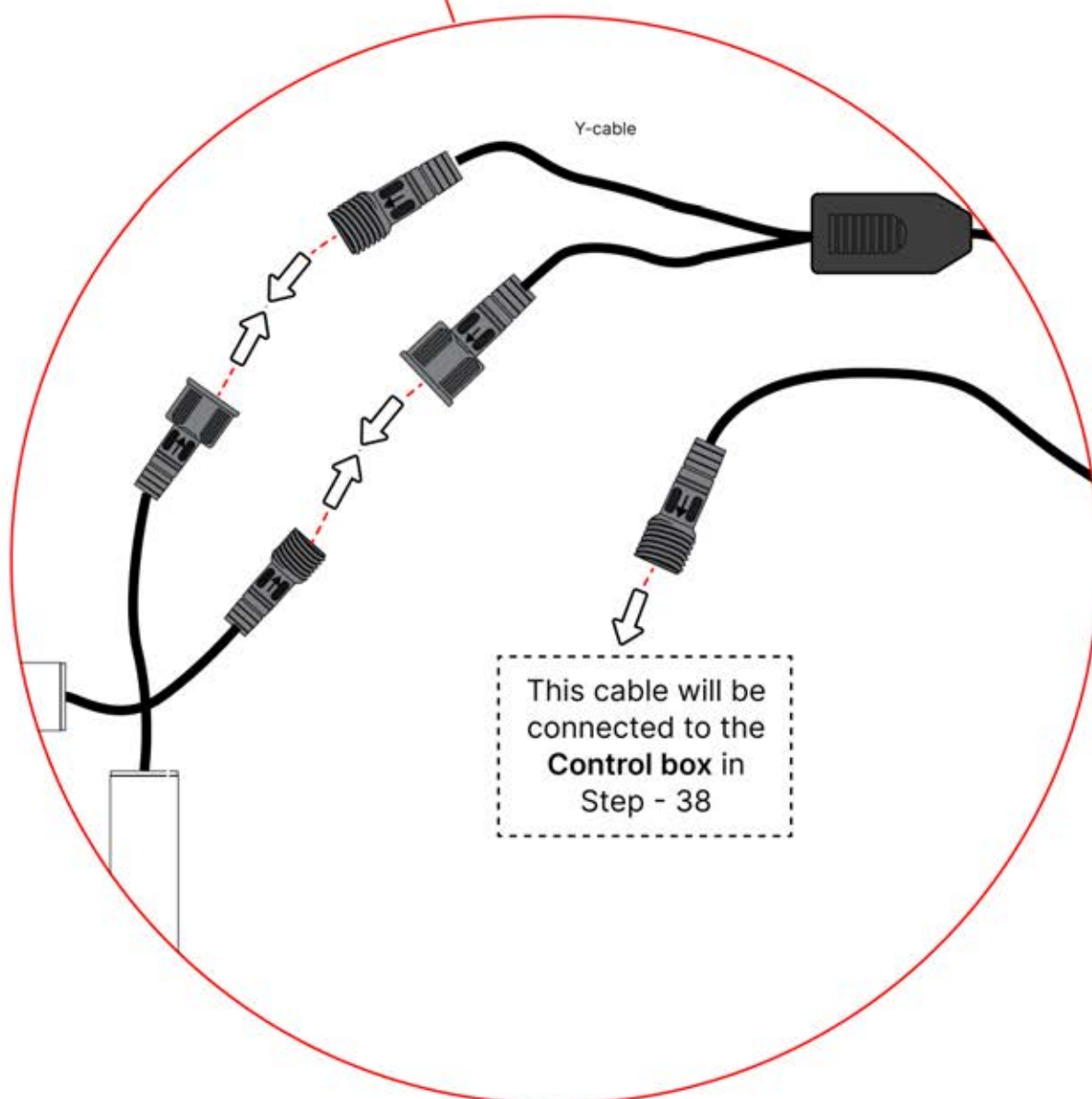
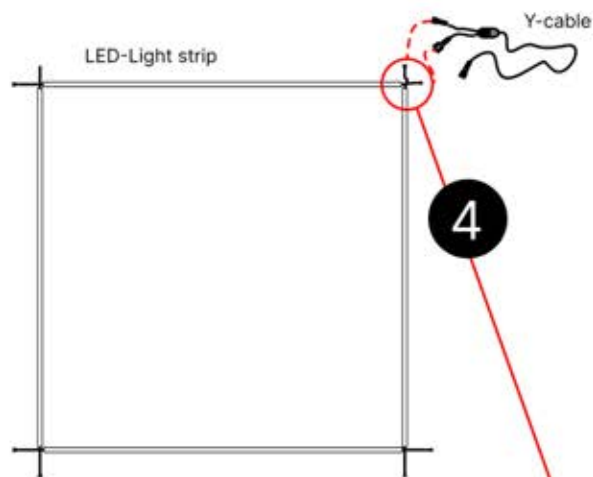
The videos contain important information relevant to the assembly process.



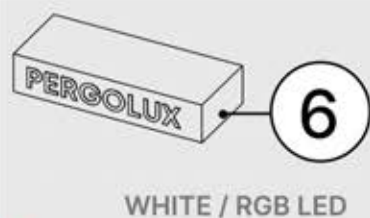
INFORMATION



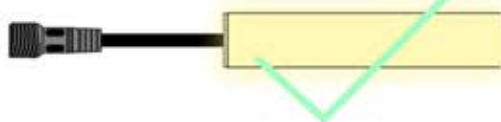
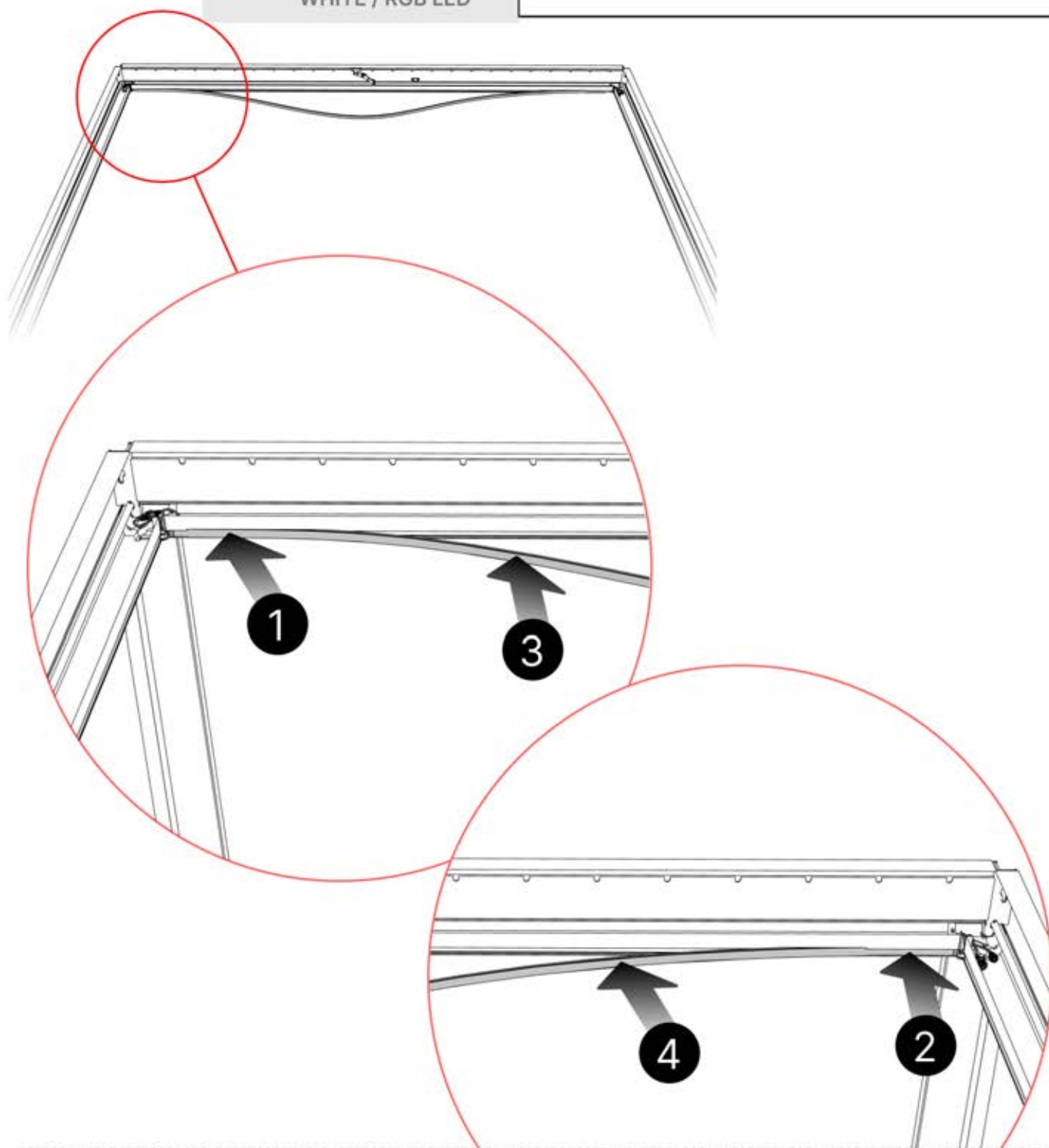
INFORMATION



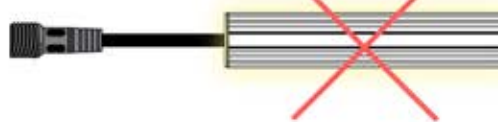
22



LED strip
1x



This side is the front and
should face outward

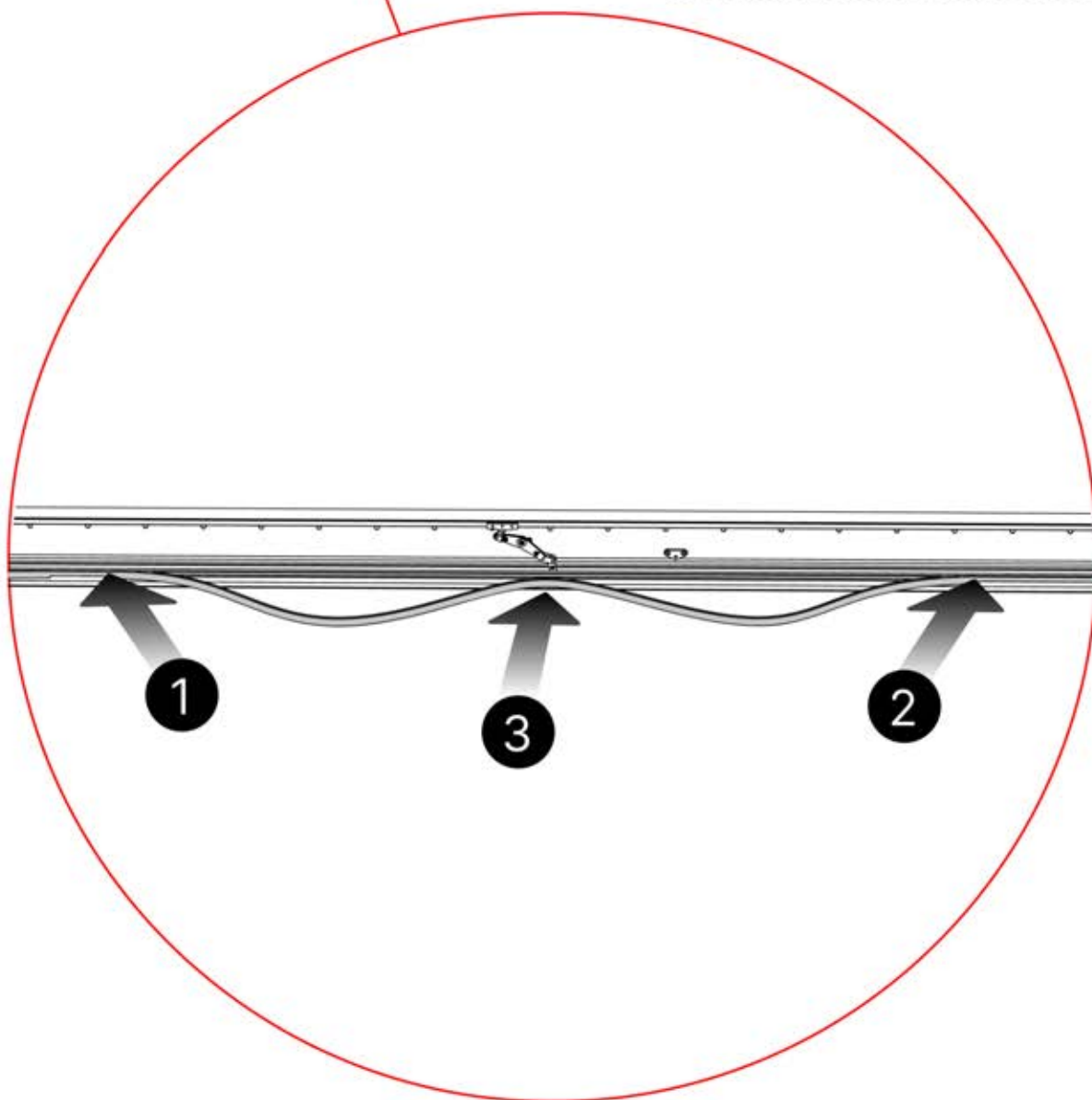
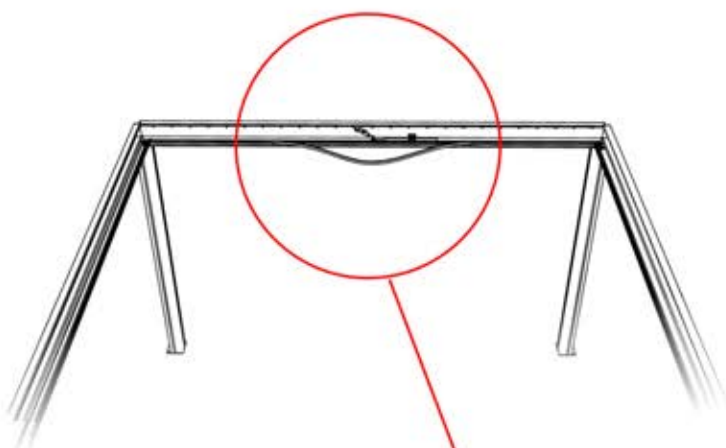


This side is the back and should
be positioned to face the beam

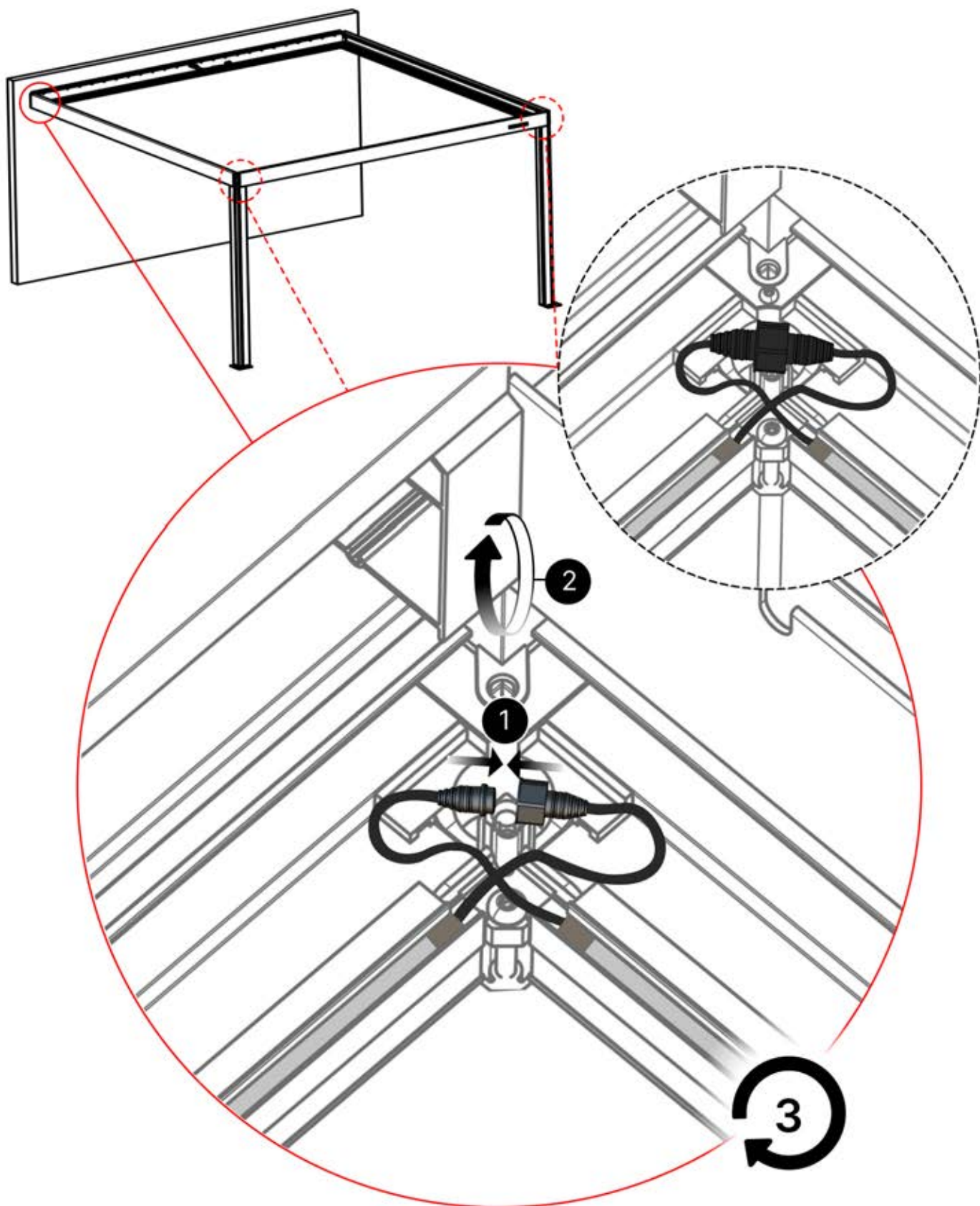
23



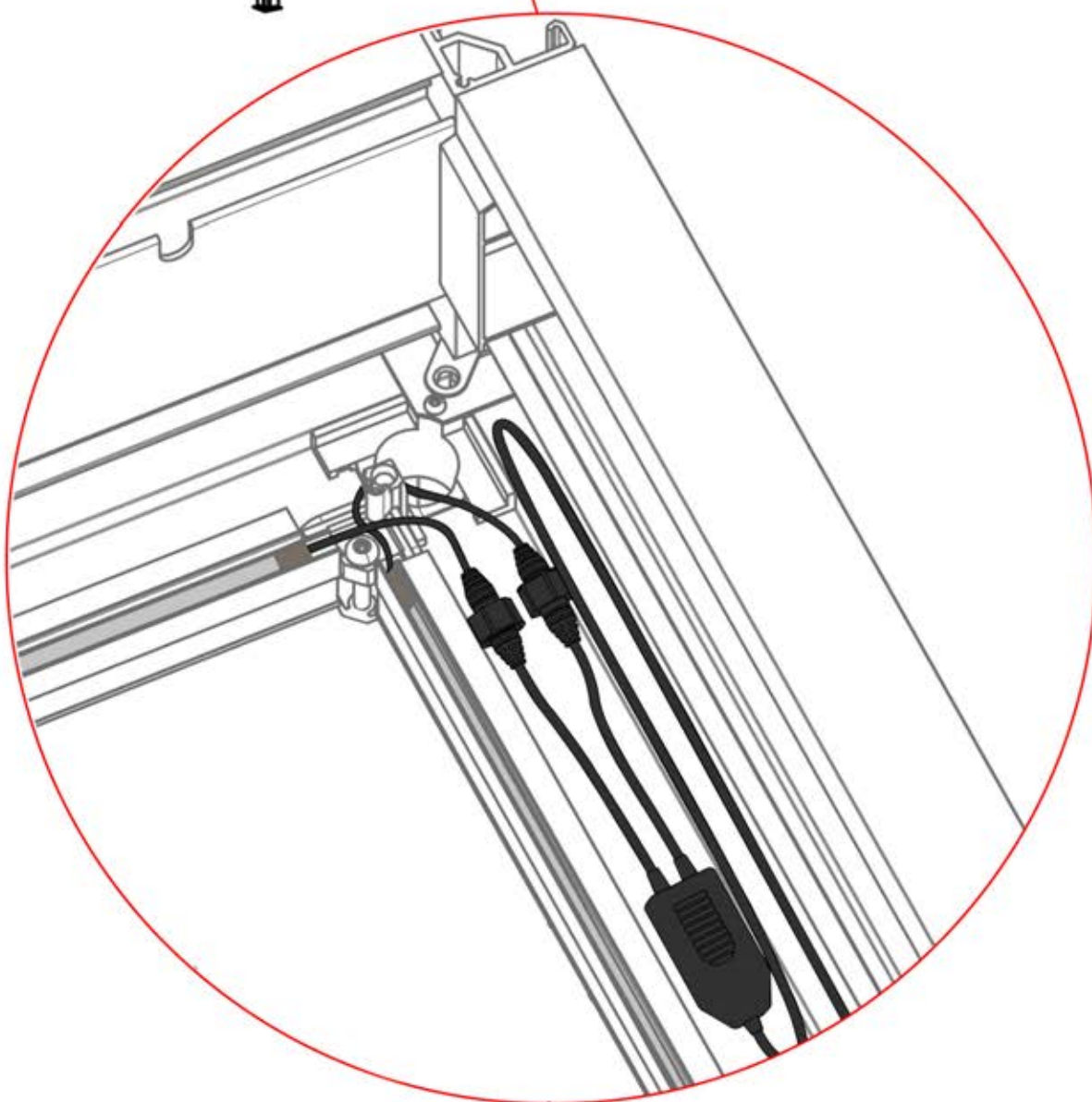
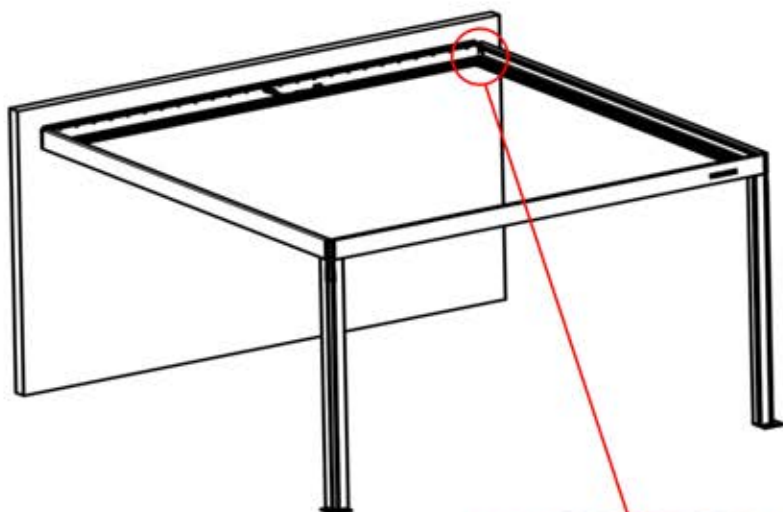
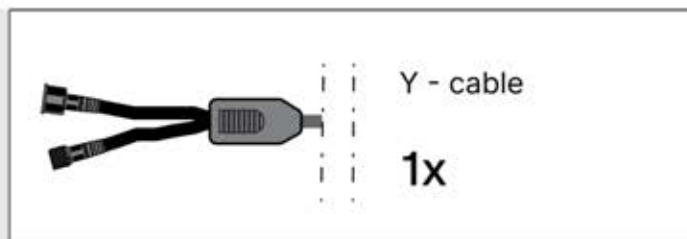
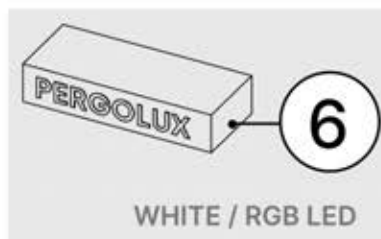
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



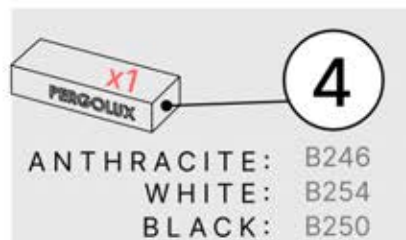
24



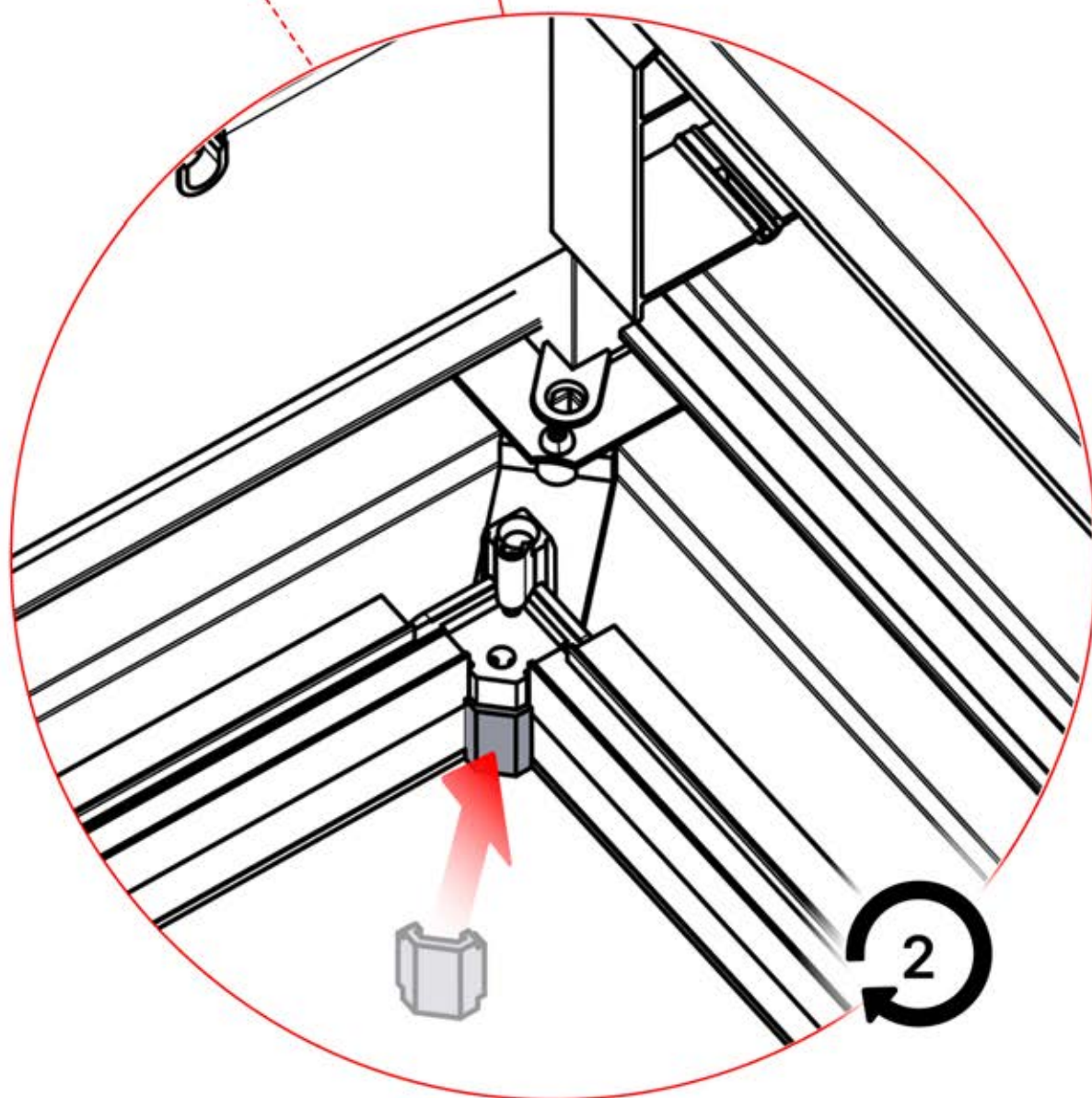
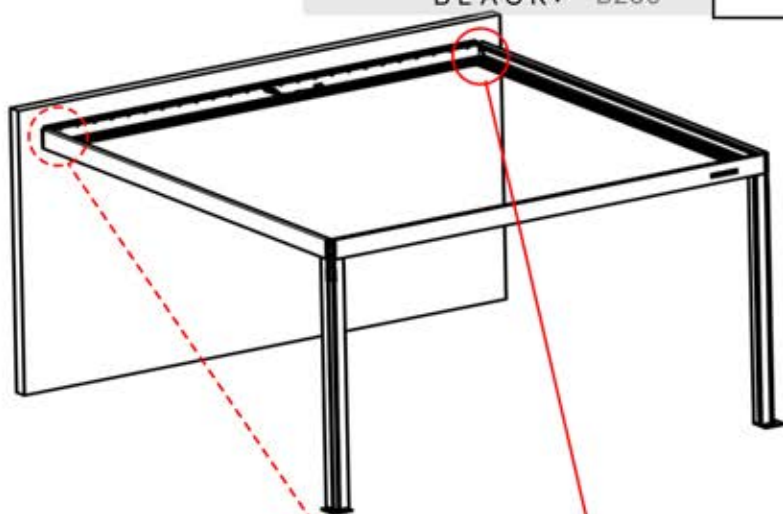
25



26



PN-200000516
2x



27



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



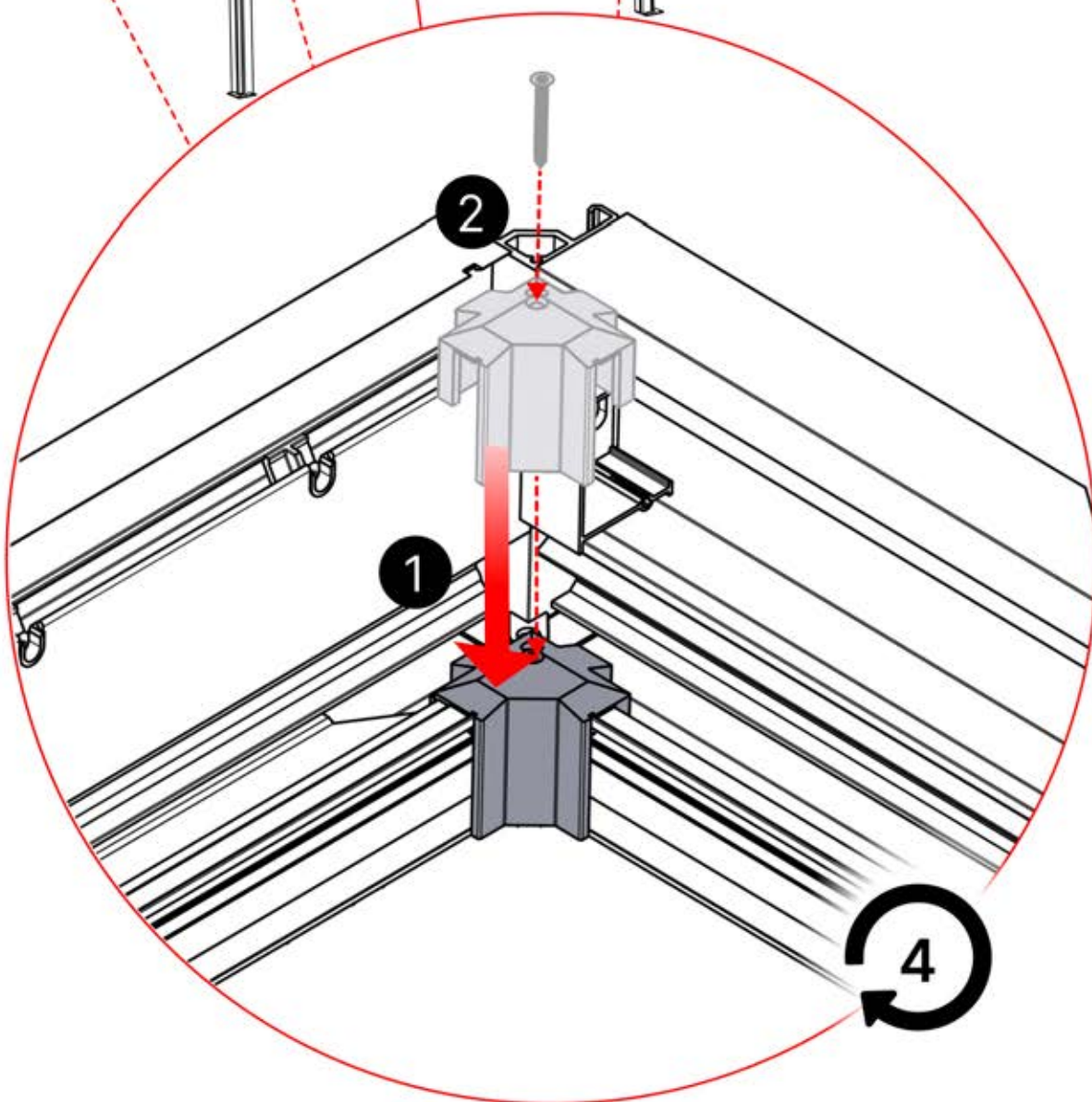
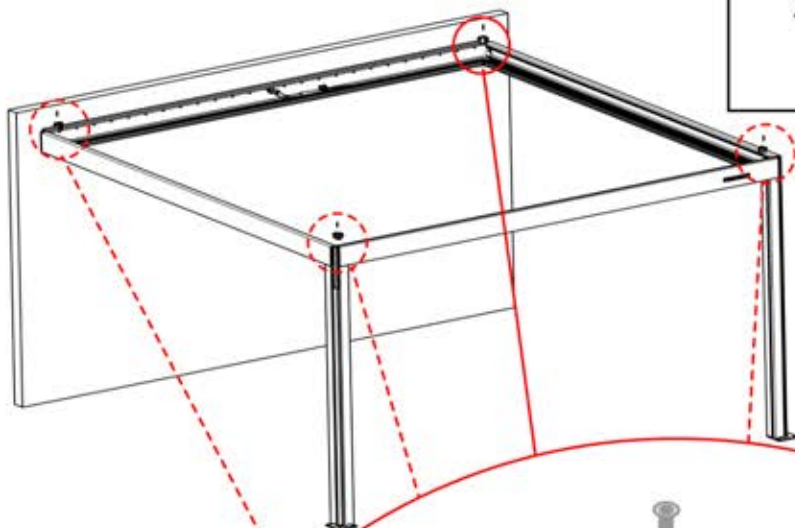
PN-200002625

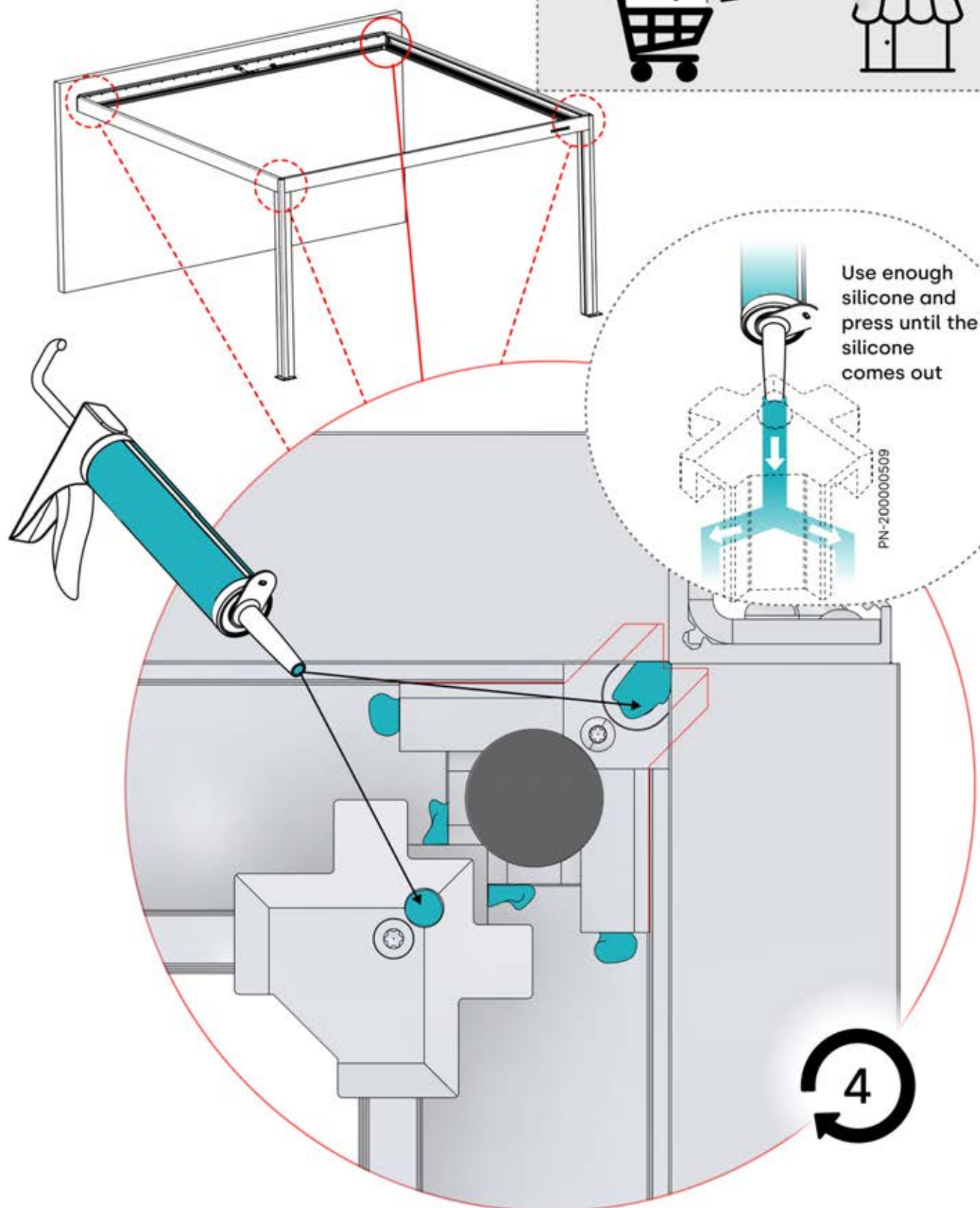
4x



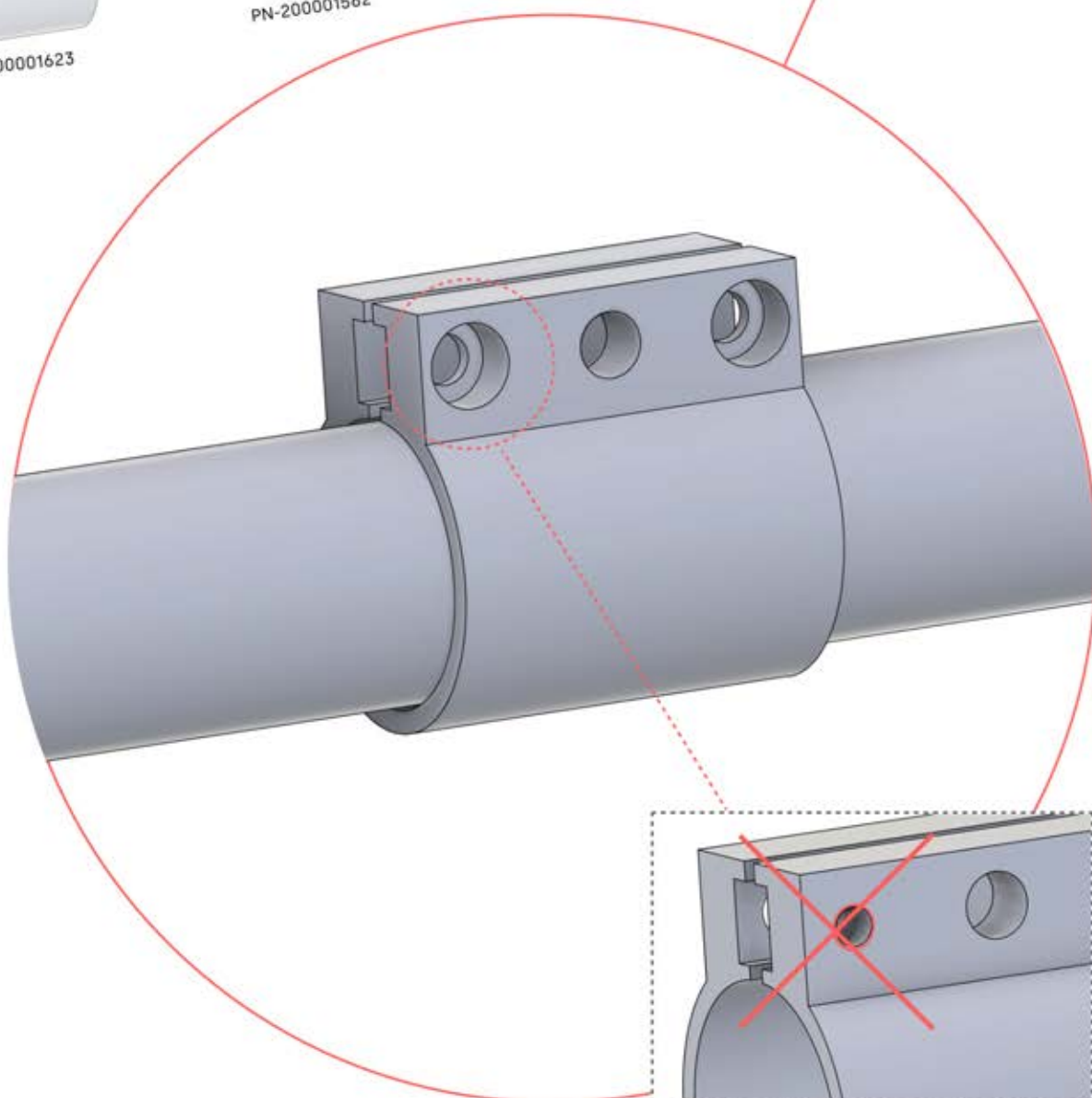
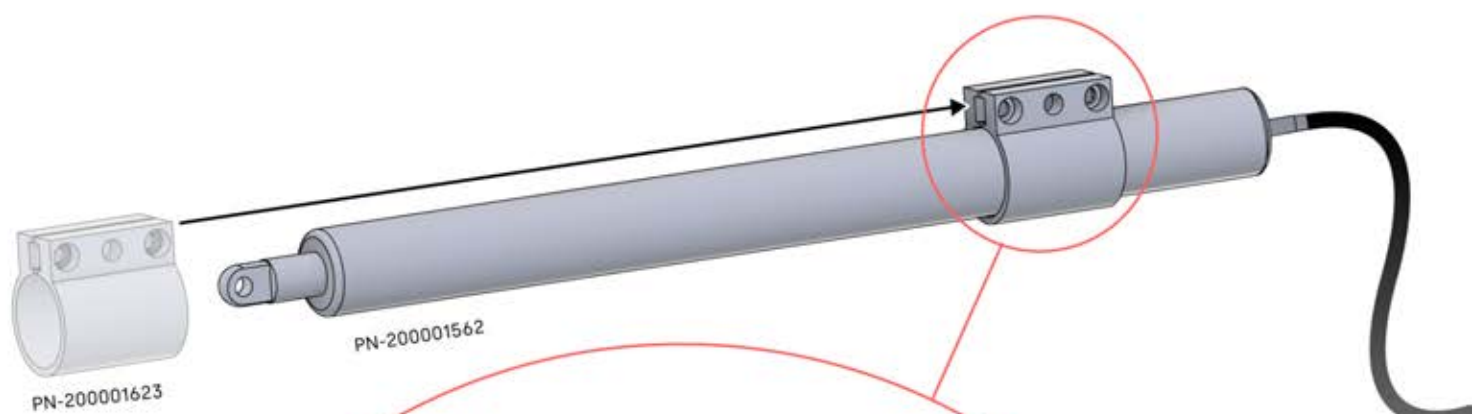
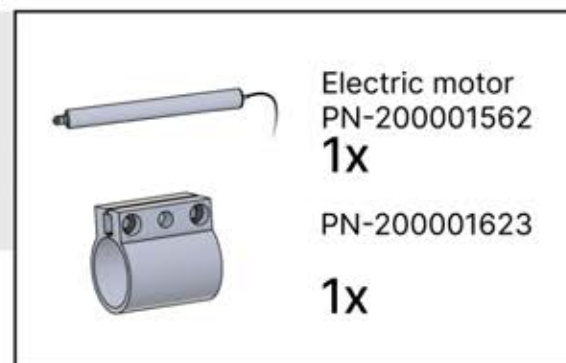
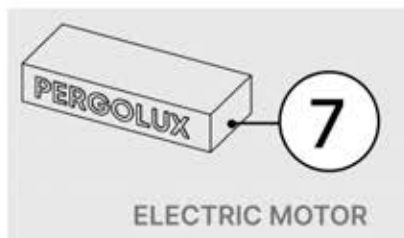
PN-200000960

4x

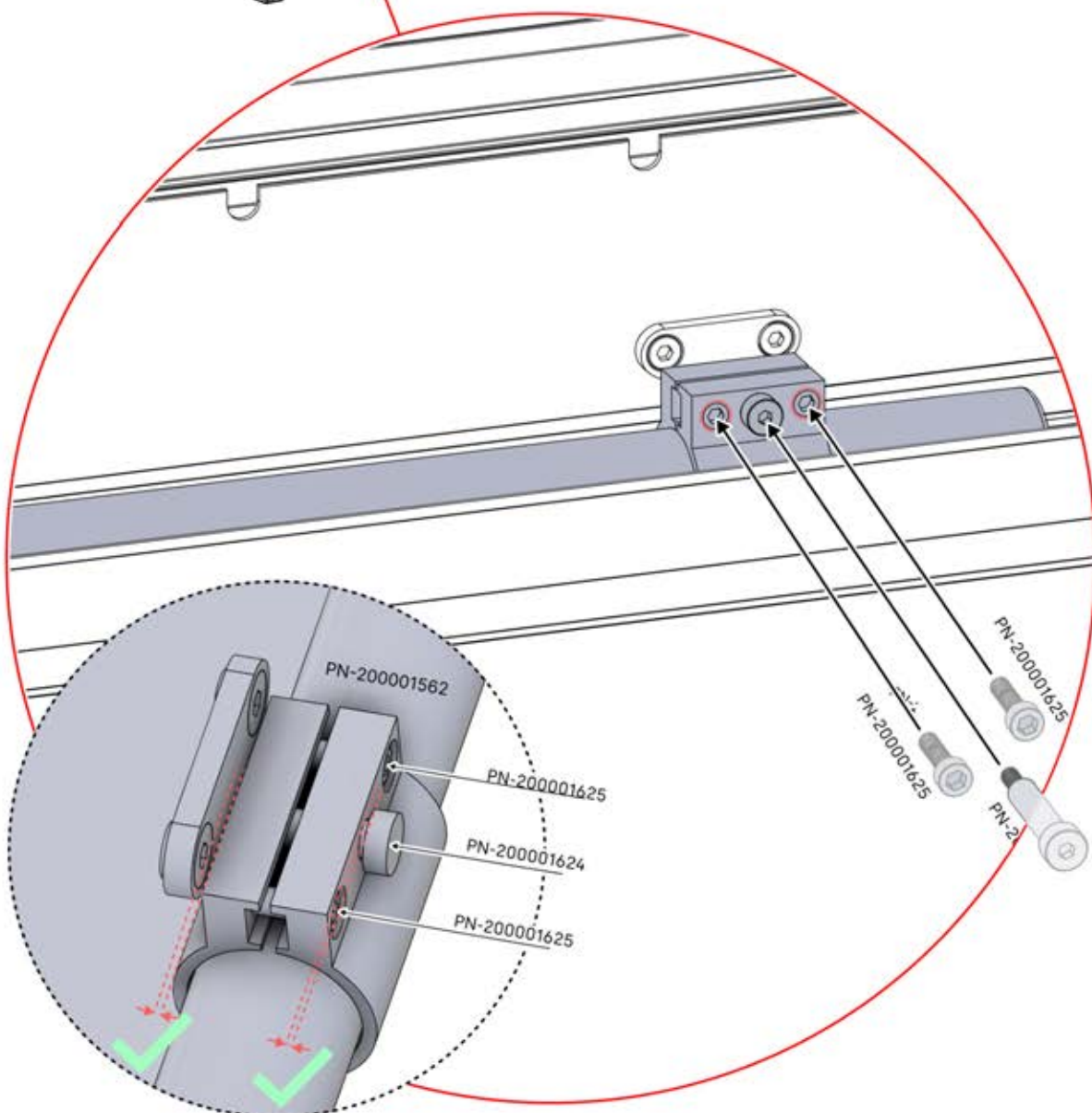
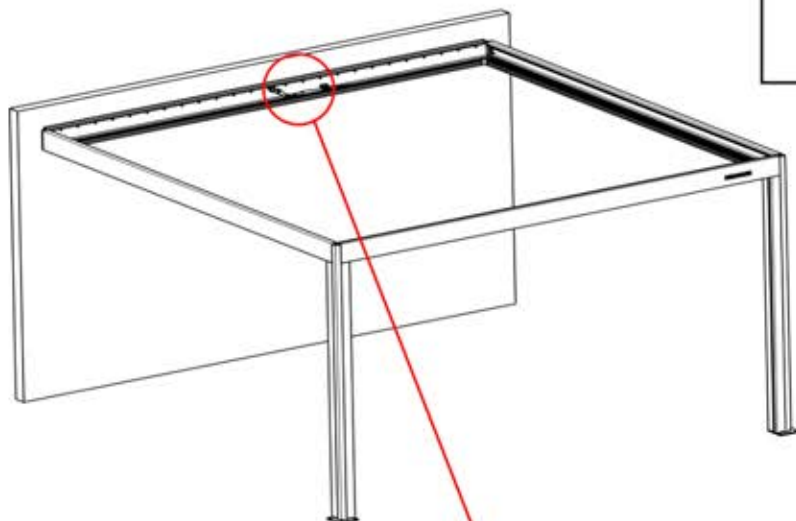
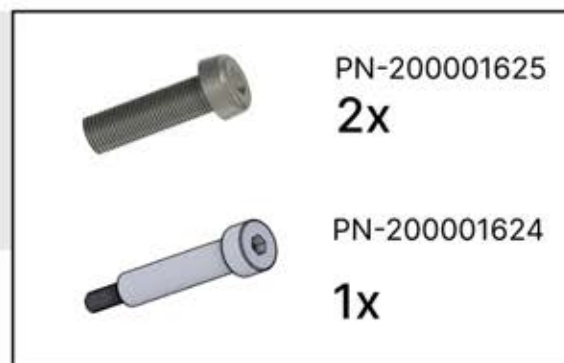
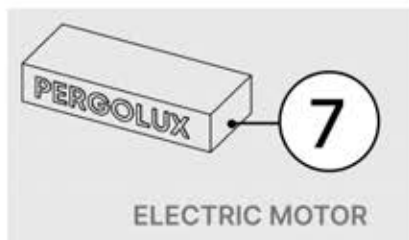




29



30



31



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200003372
1x



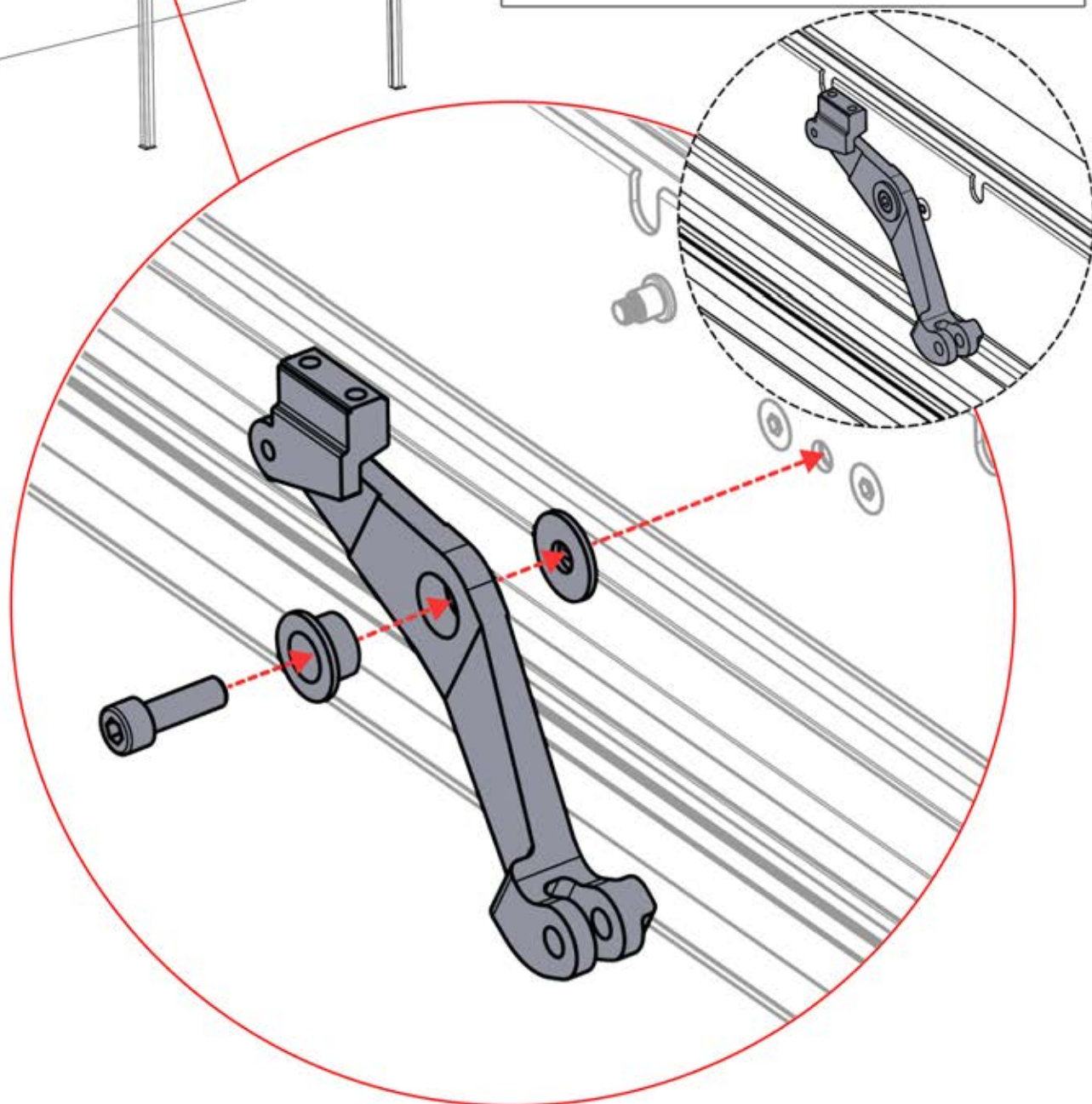
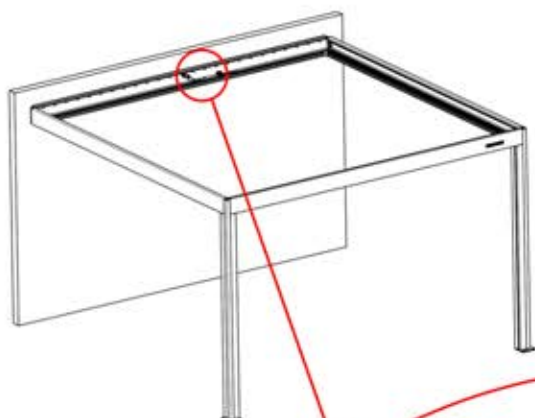
PN-200000502
1x



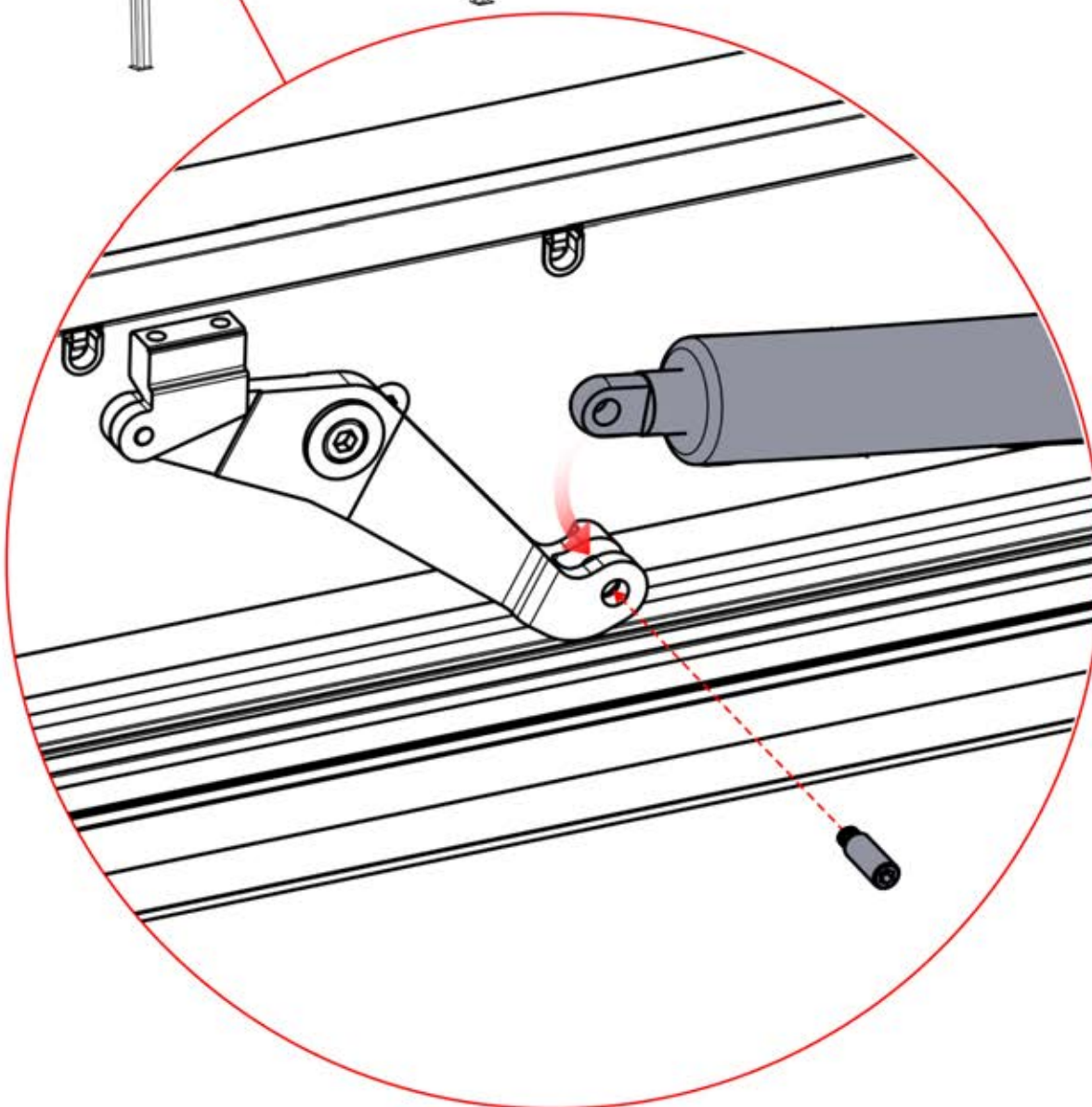
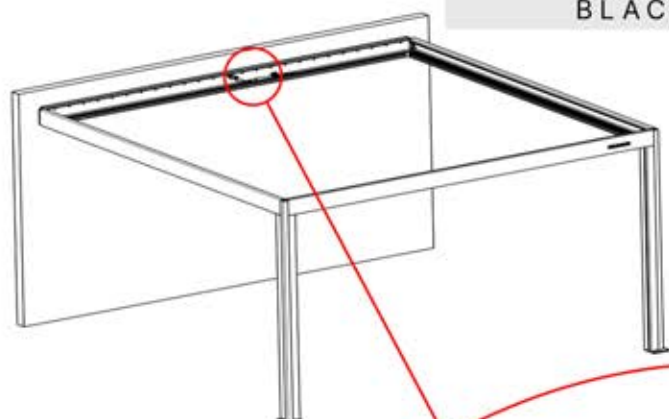
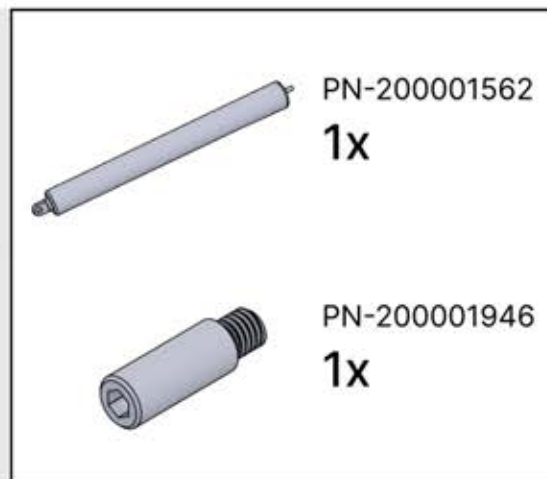
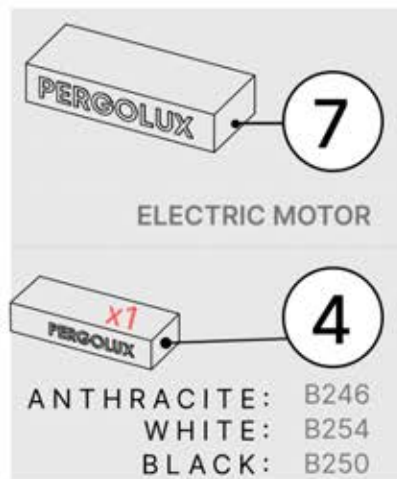
PN-200003373
1x

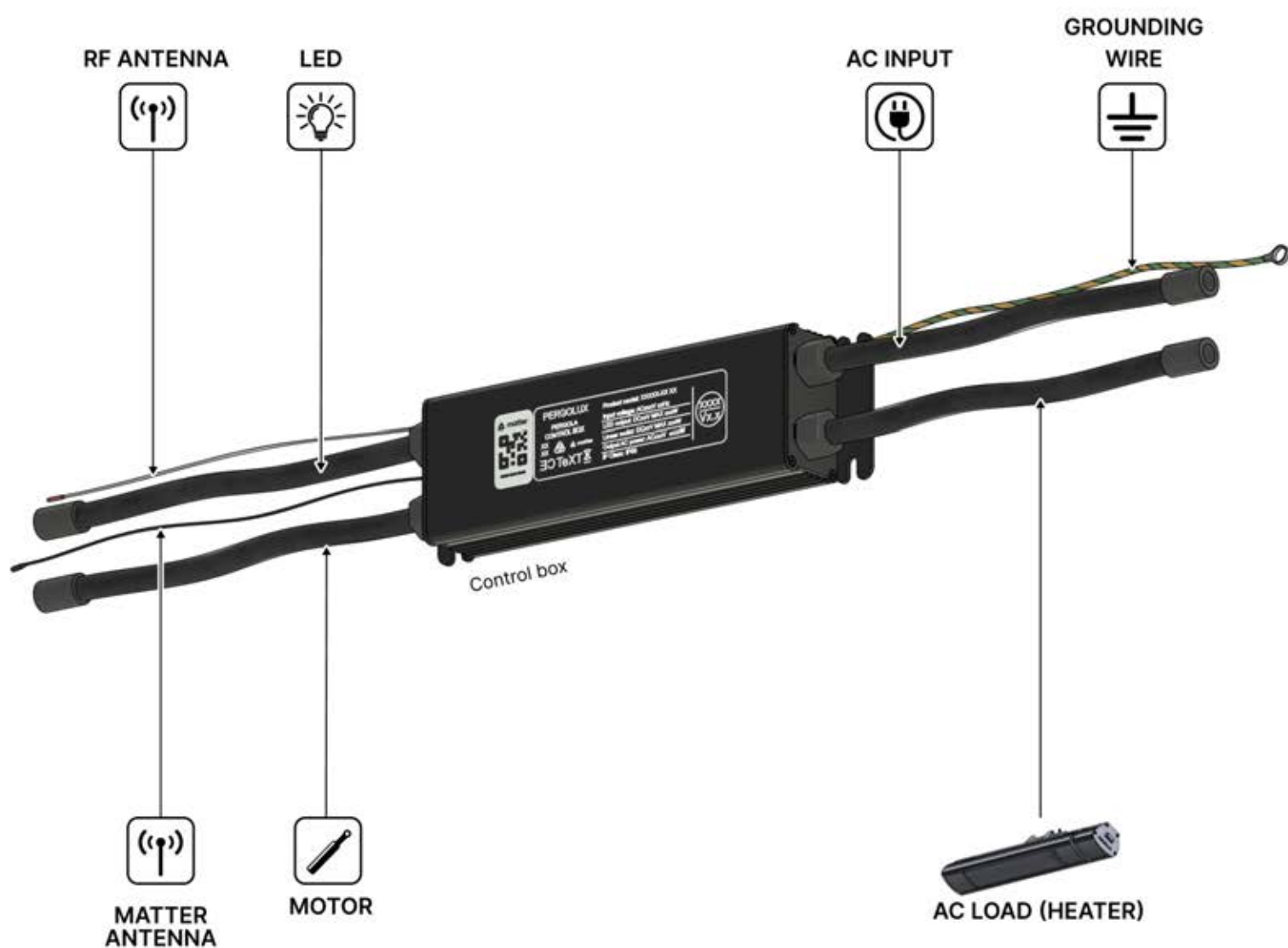


PN-200000561
1x

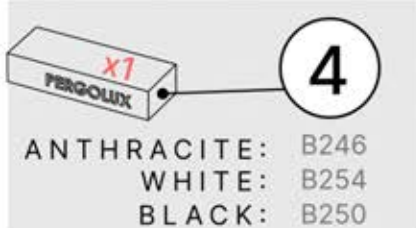
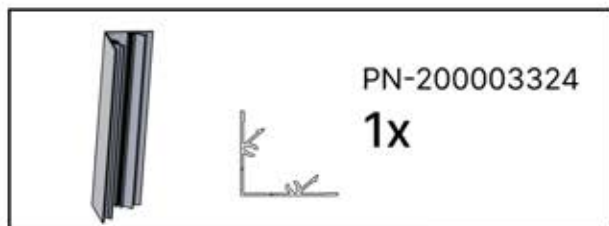


32



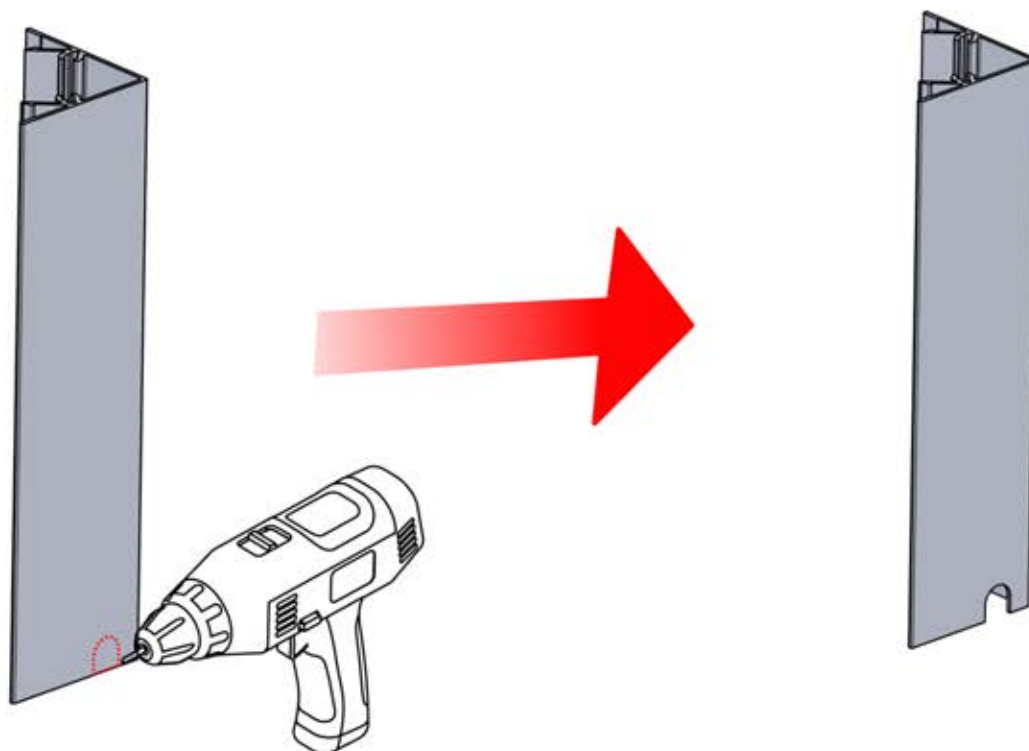


INFORMATION

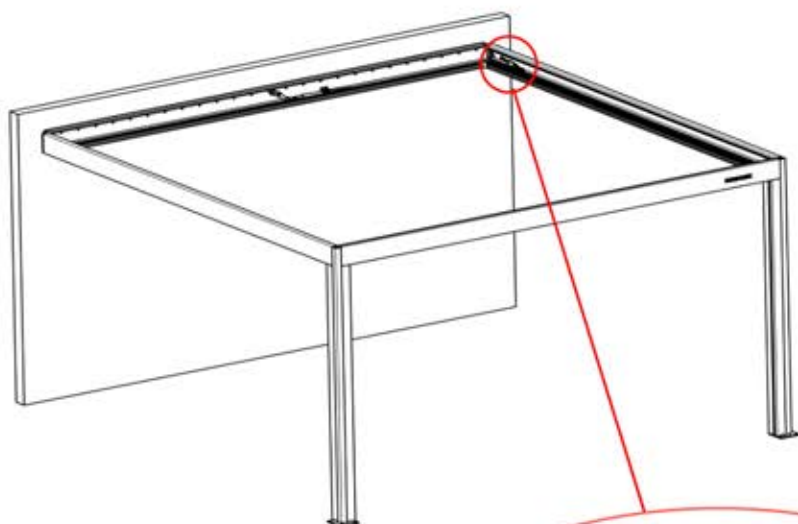
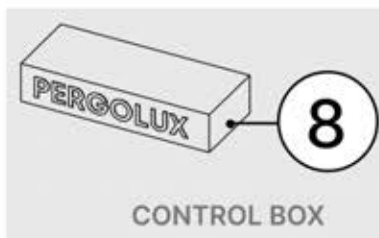


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200003324**) as illustrated. This allows the cable to pass through during installation in step 58.

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.

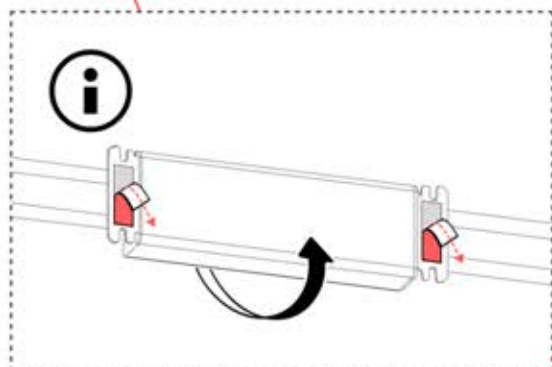
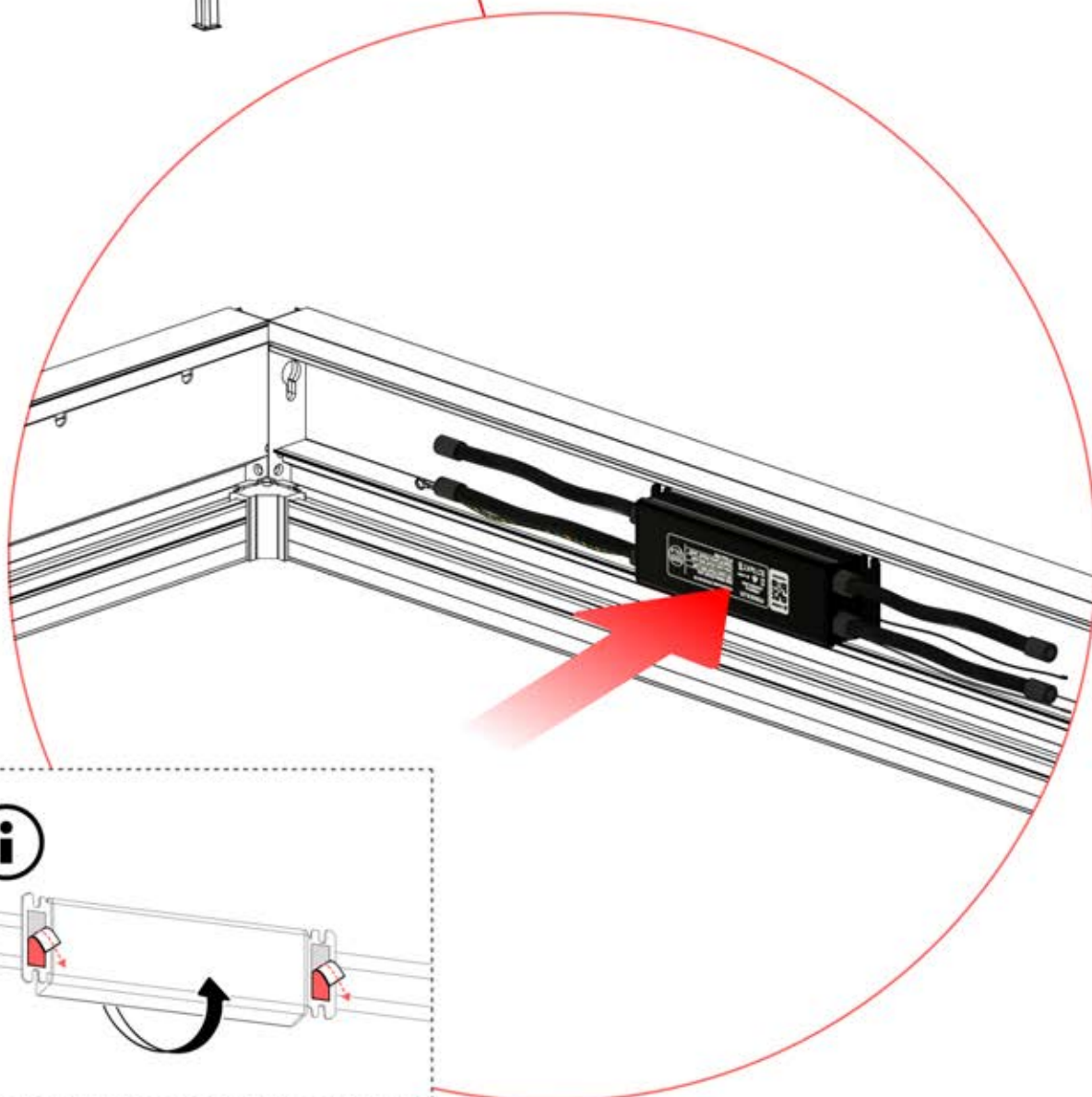


33



!

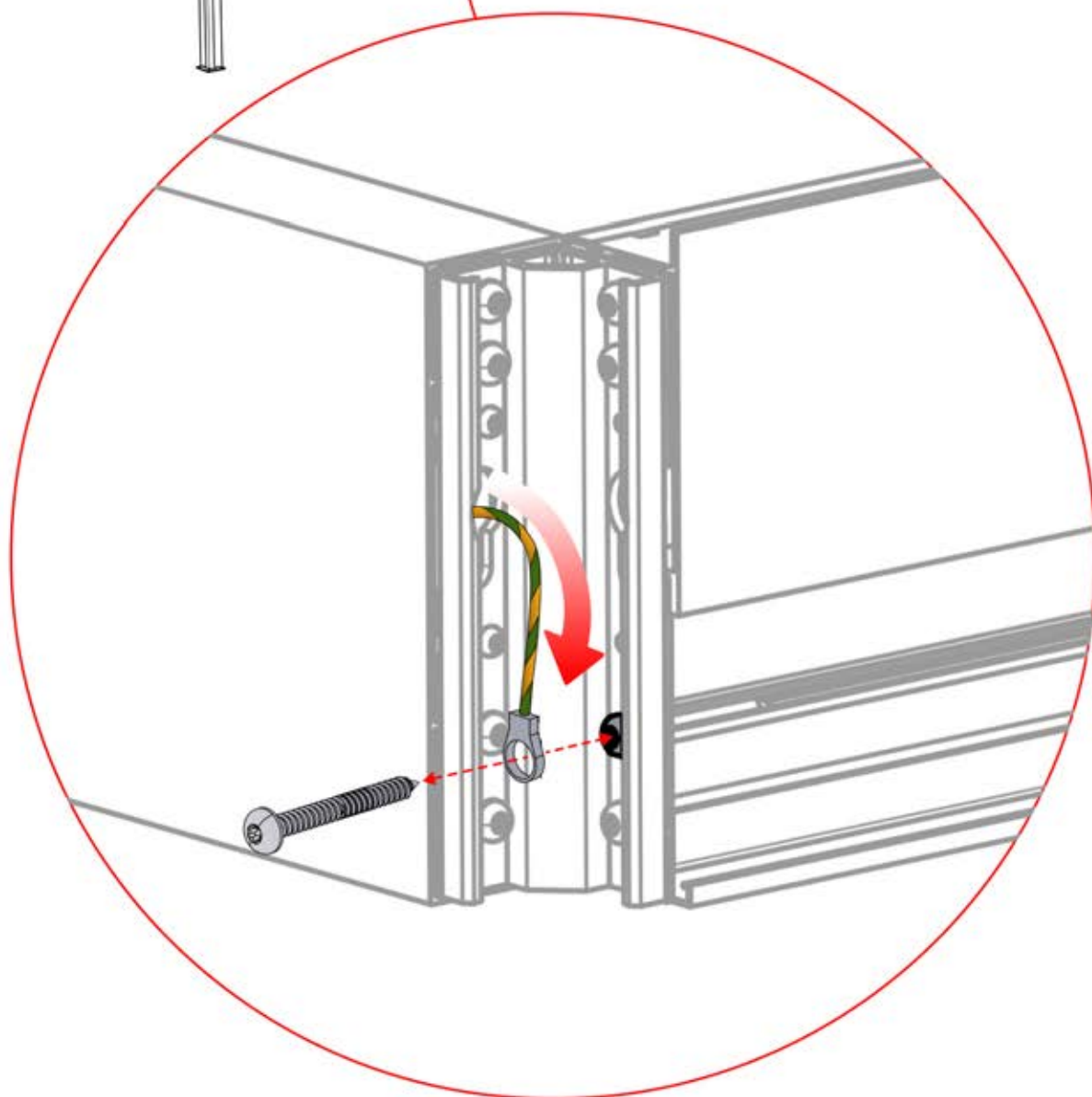
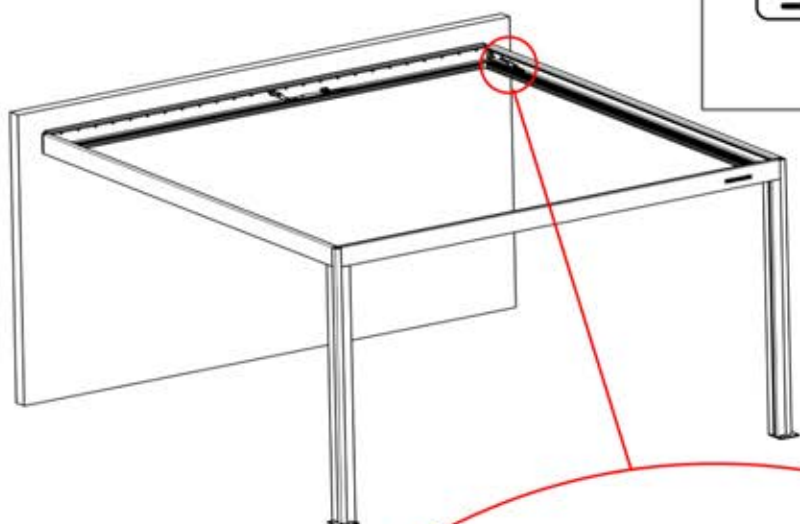
Control Box can be installed on Preferred W BEAM



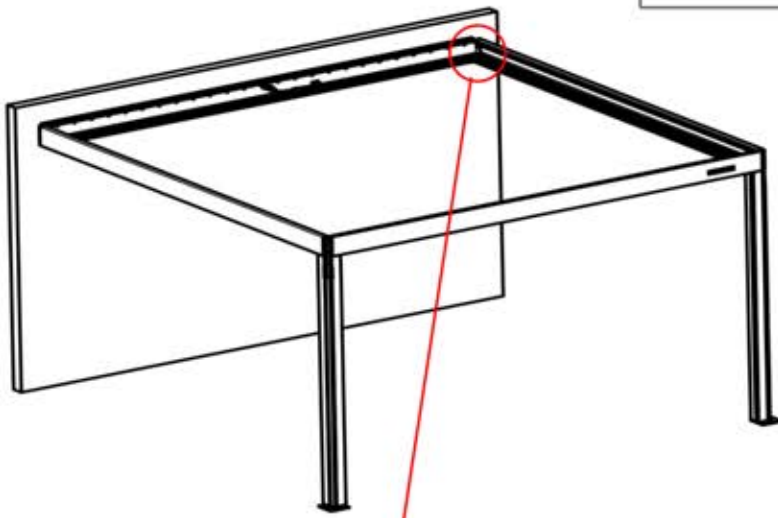
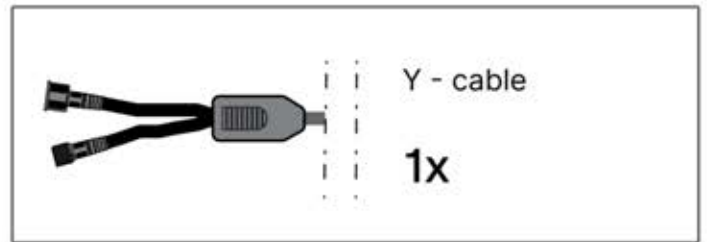
34



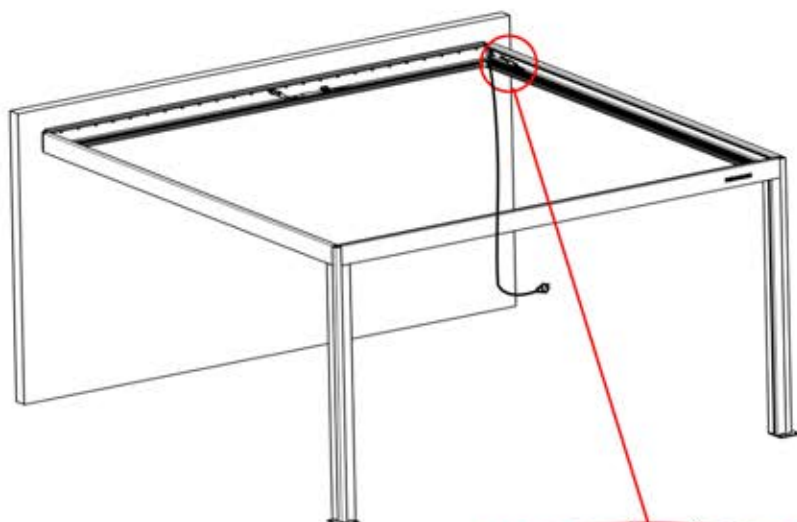
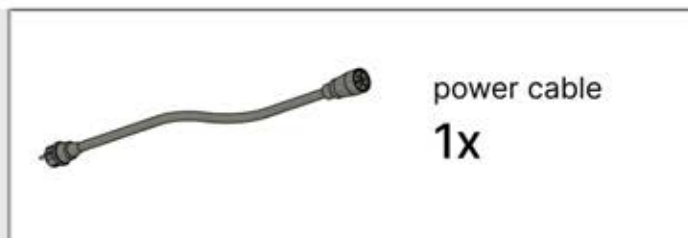
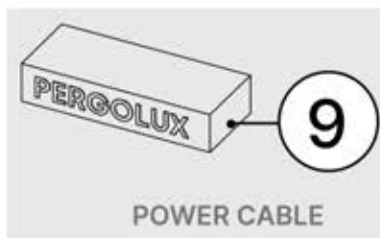
Connect grounding
wire before connecting to
power!



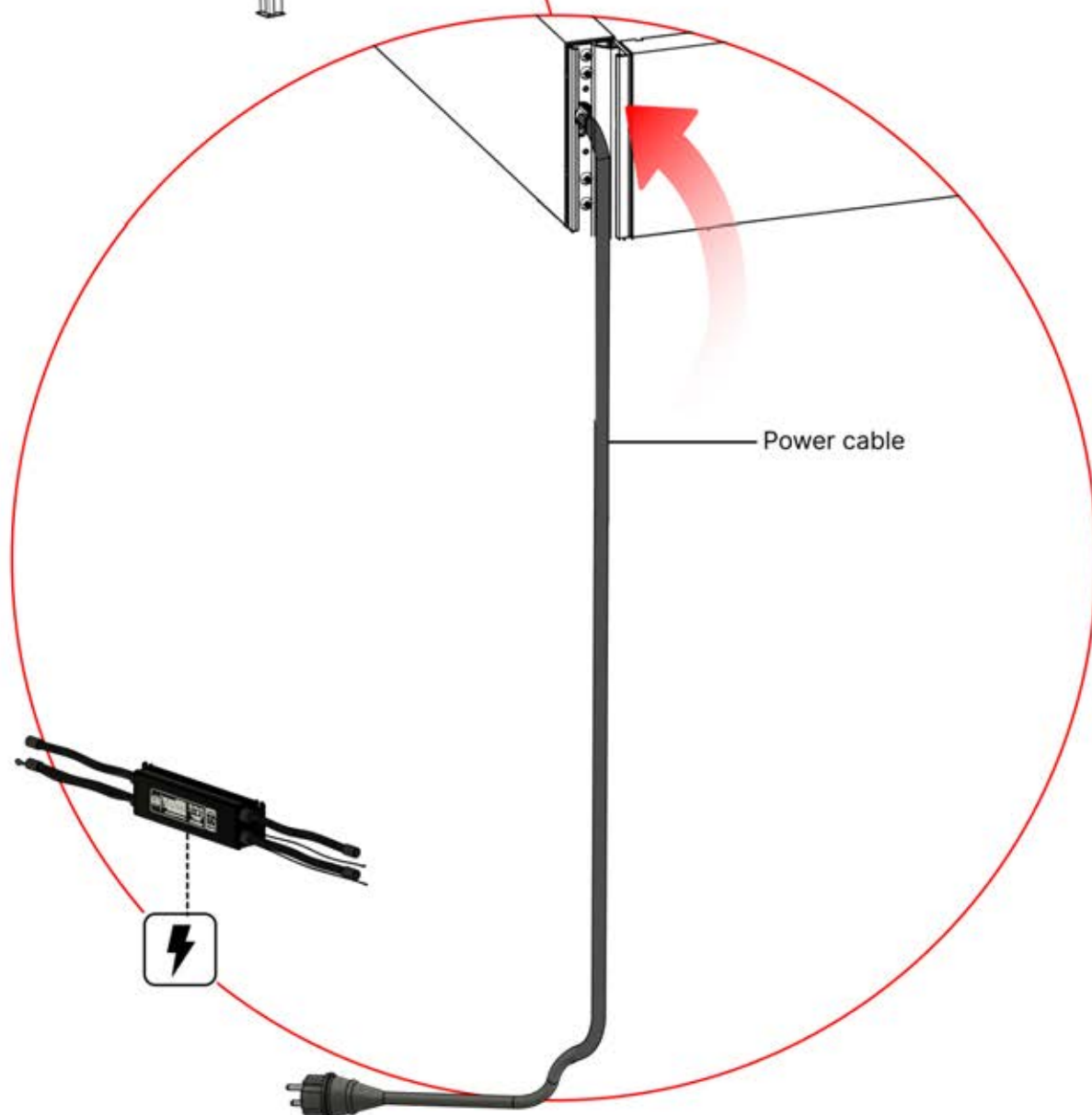
35



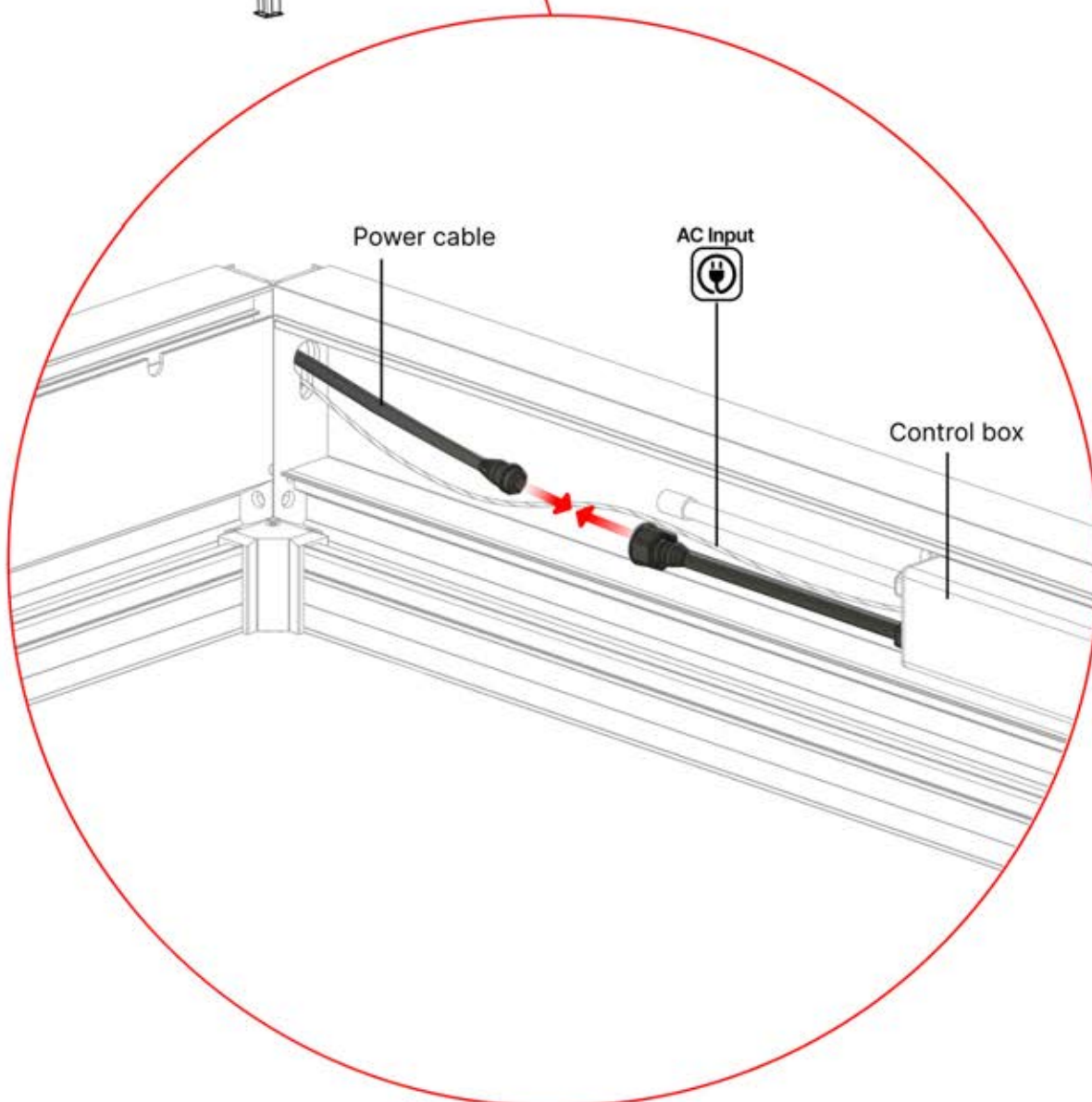
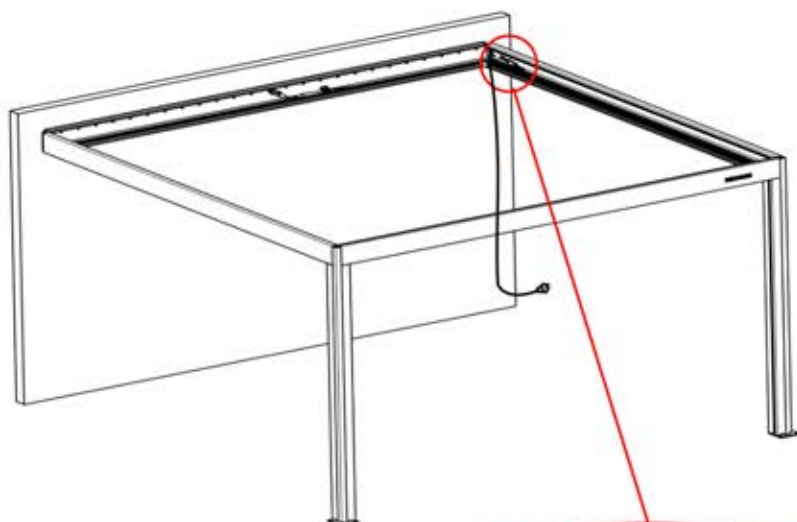
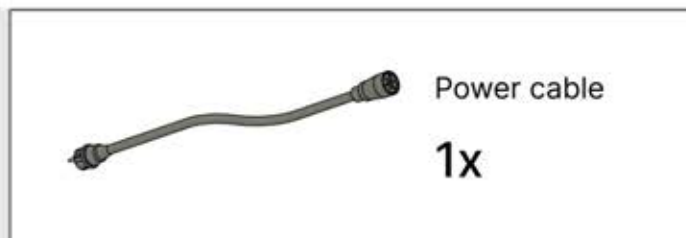
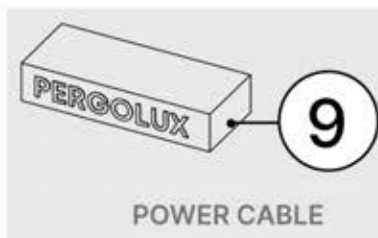
36



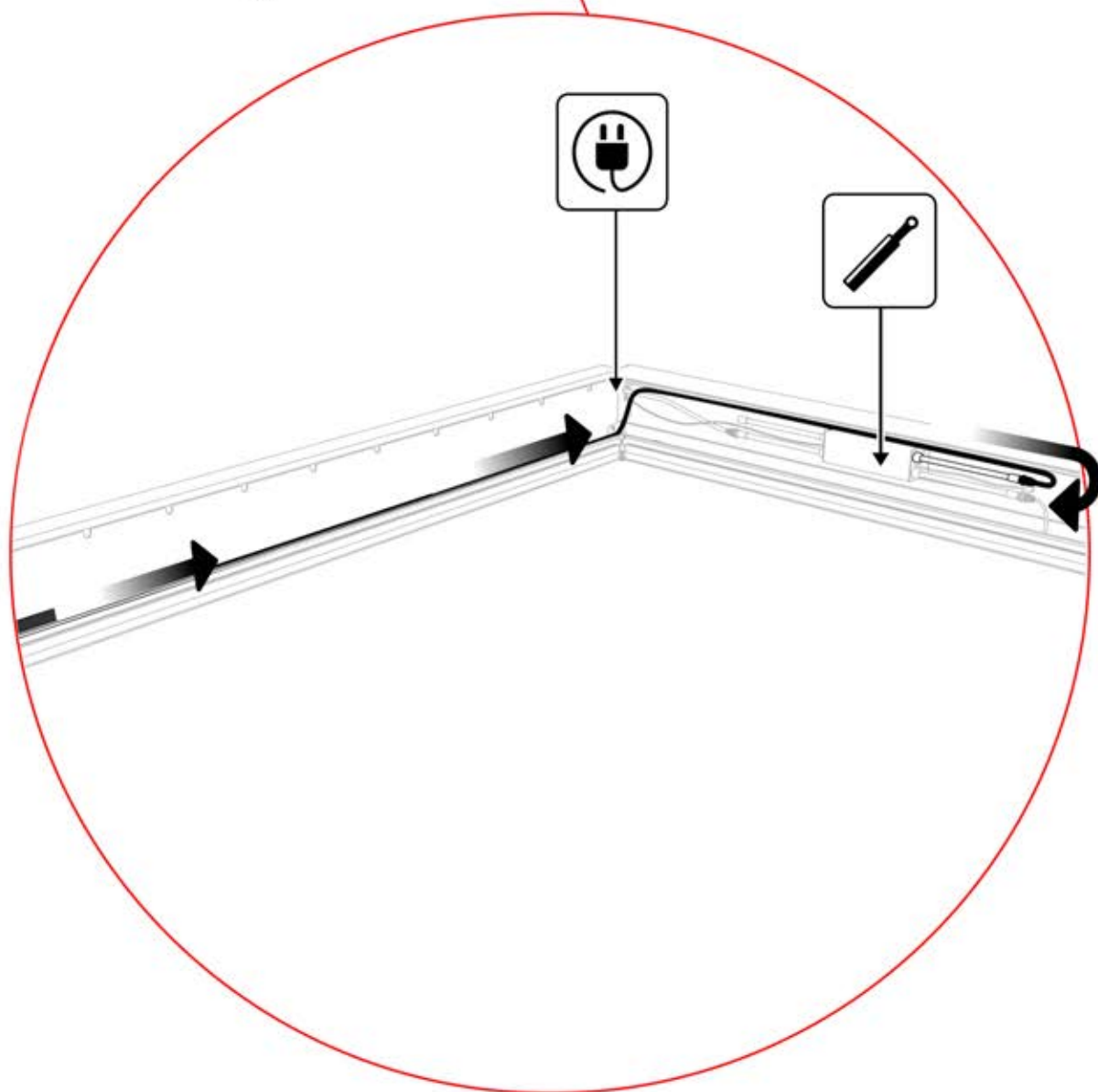
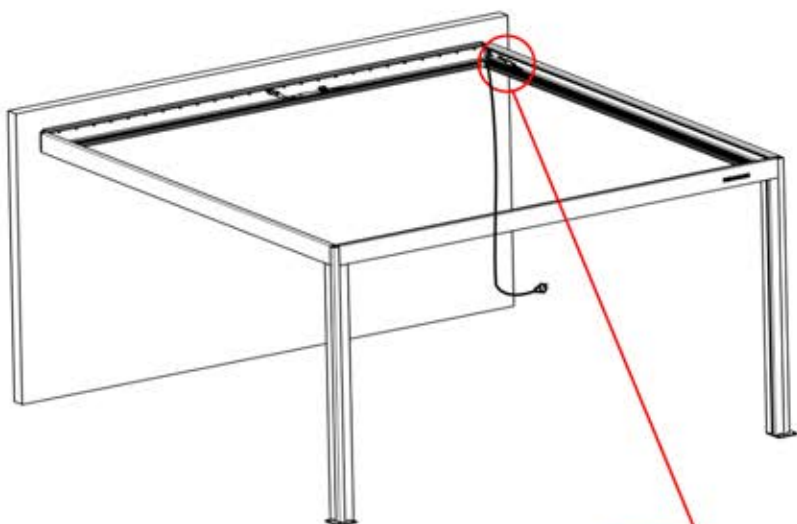
!
Power Cable can be
routed through all
the Poles.



37



38

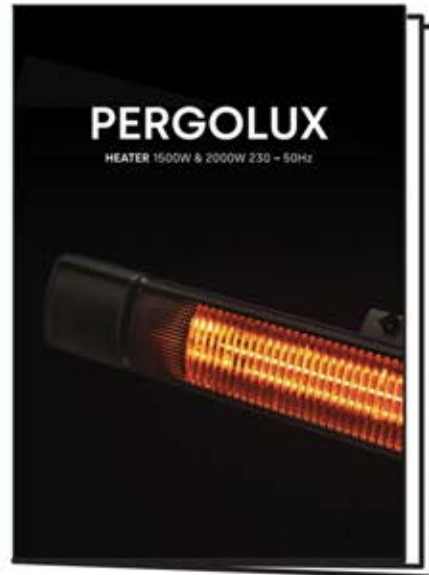


39

1

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

Follow the instructions in the heater assembly manual.



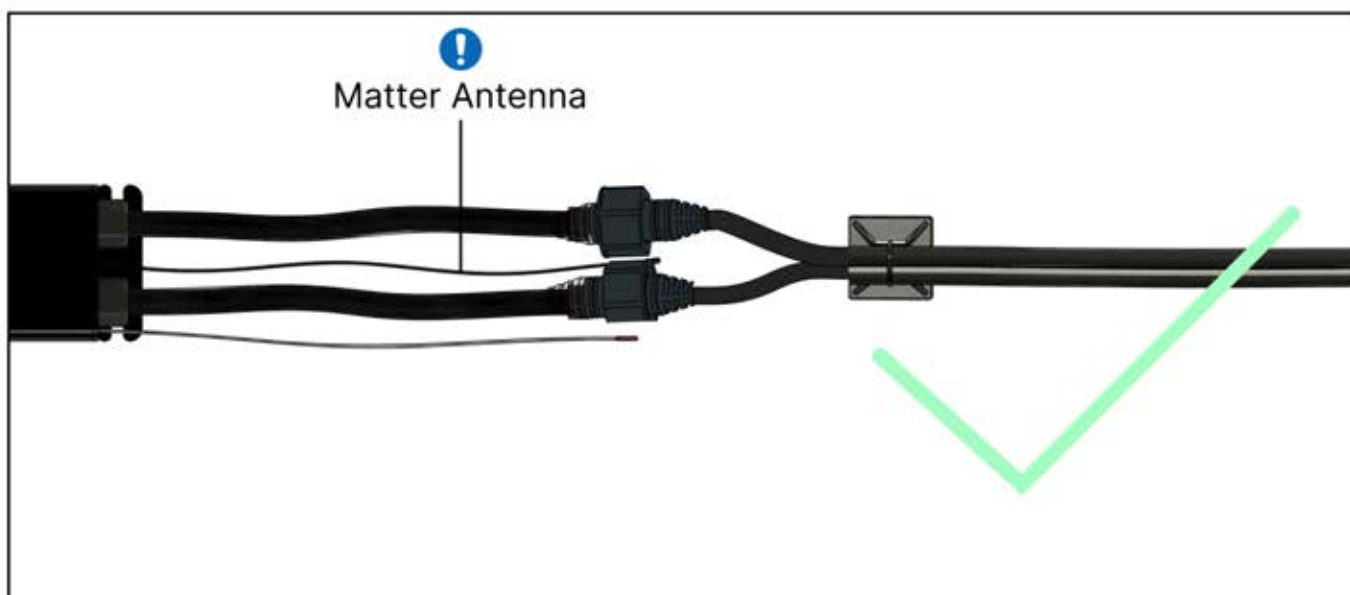
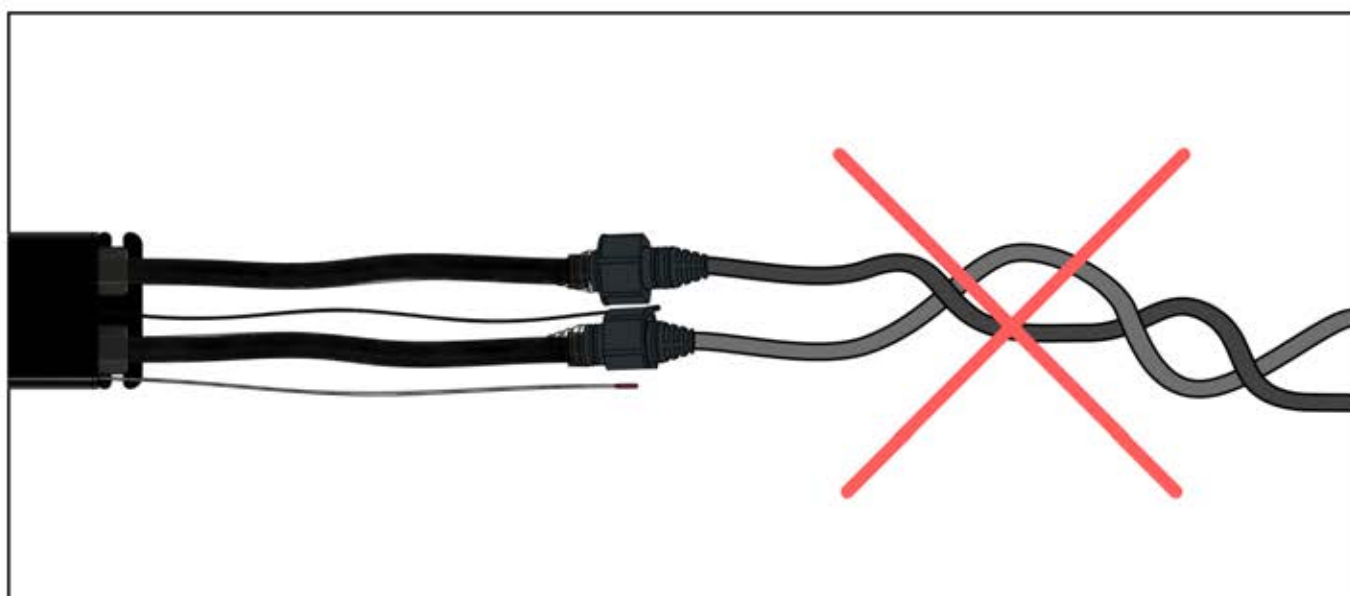
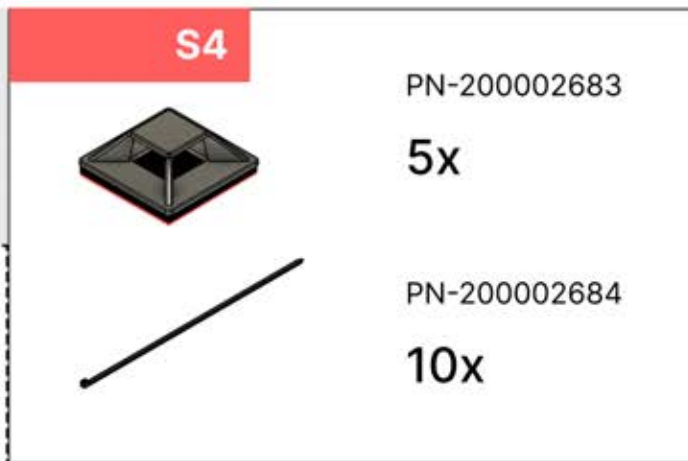
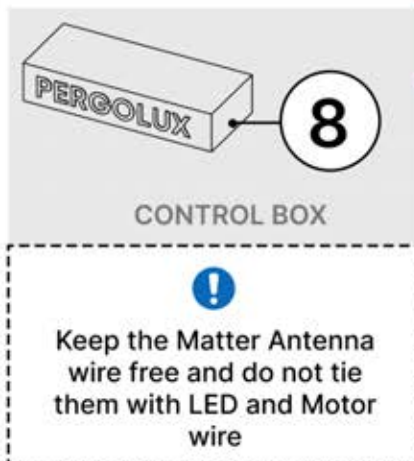
2

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

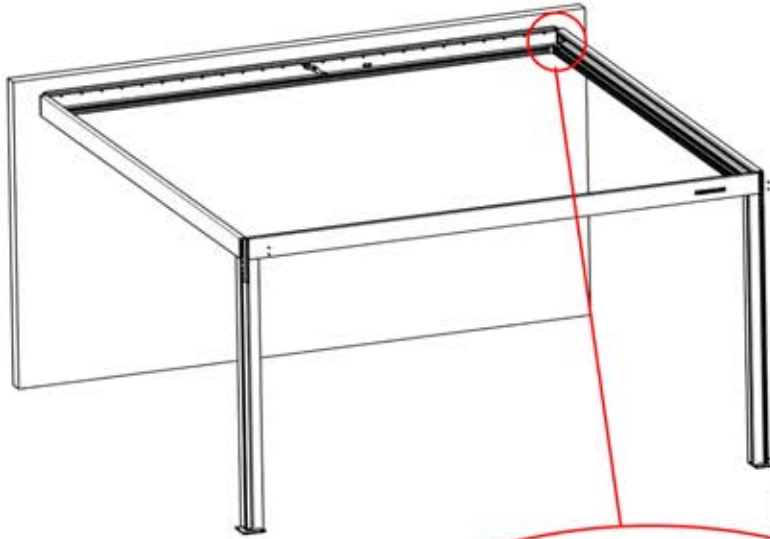
Follow the instruction in the assembly manual.



40

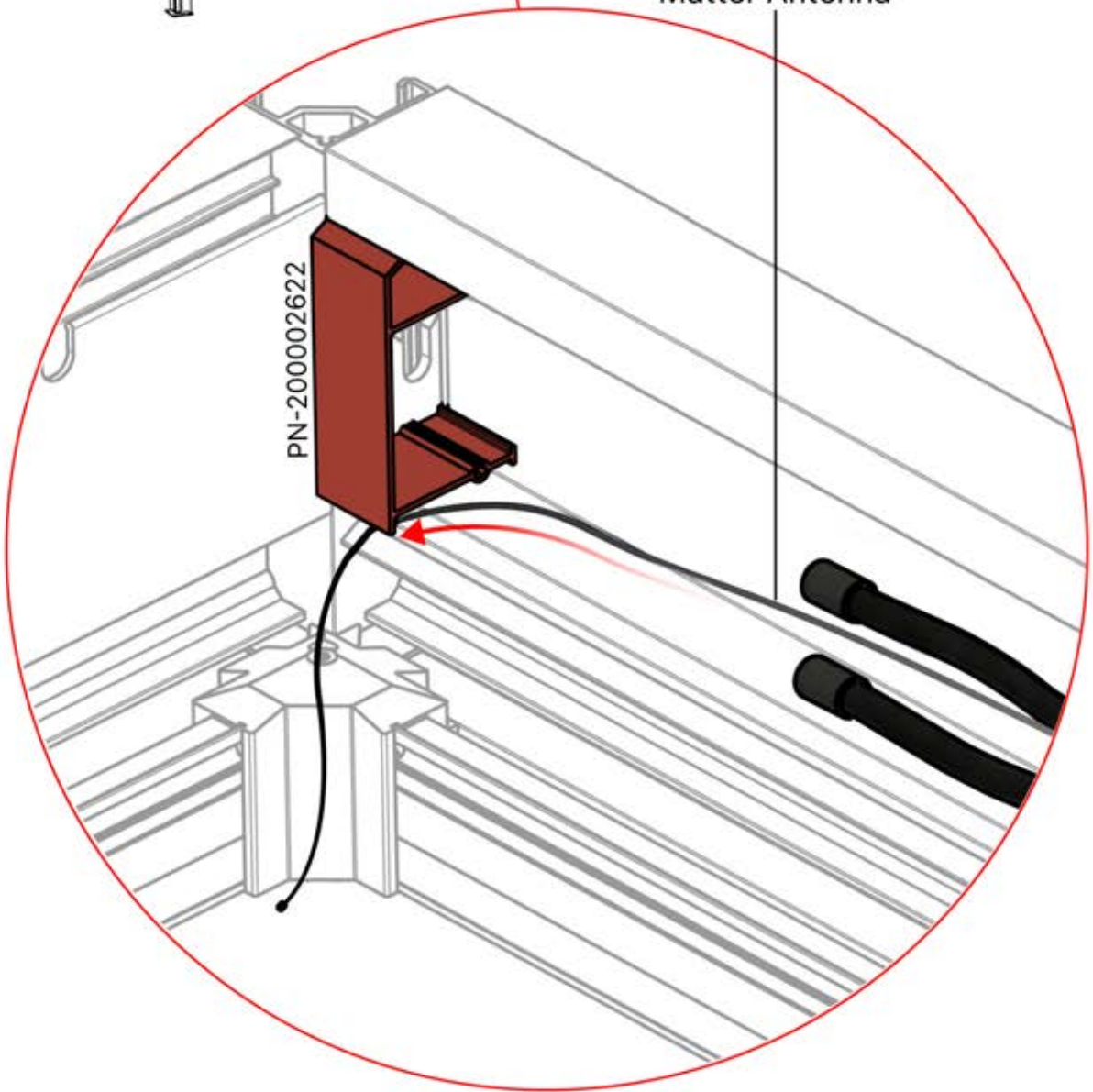


41

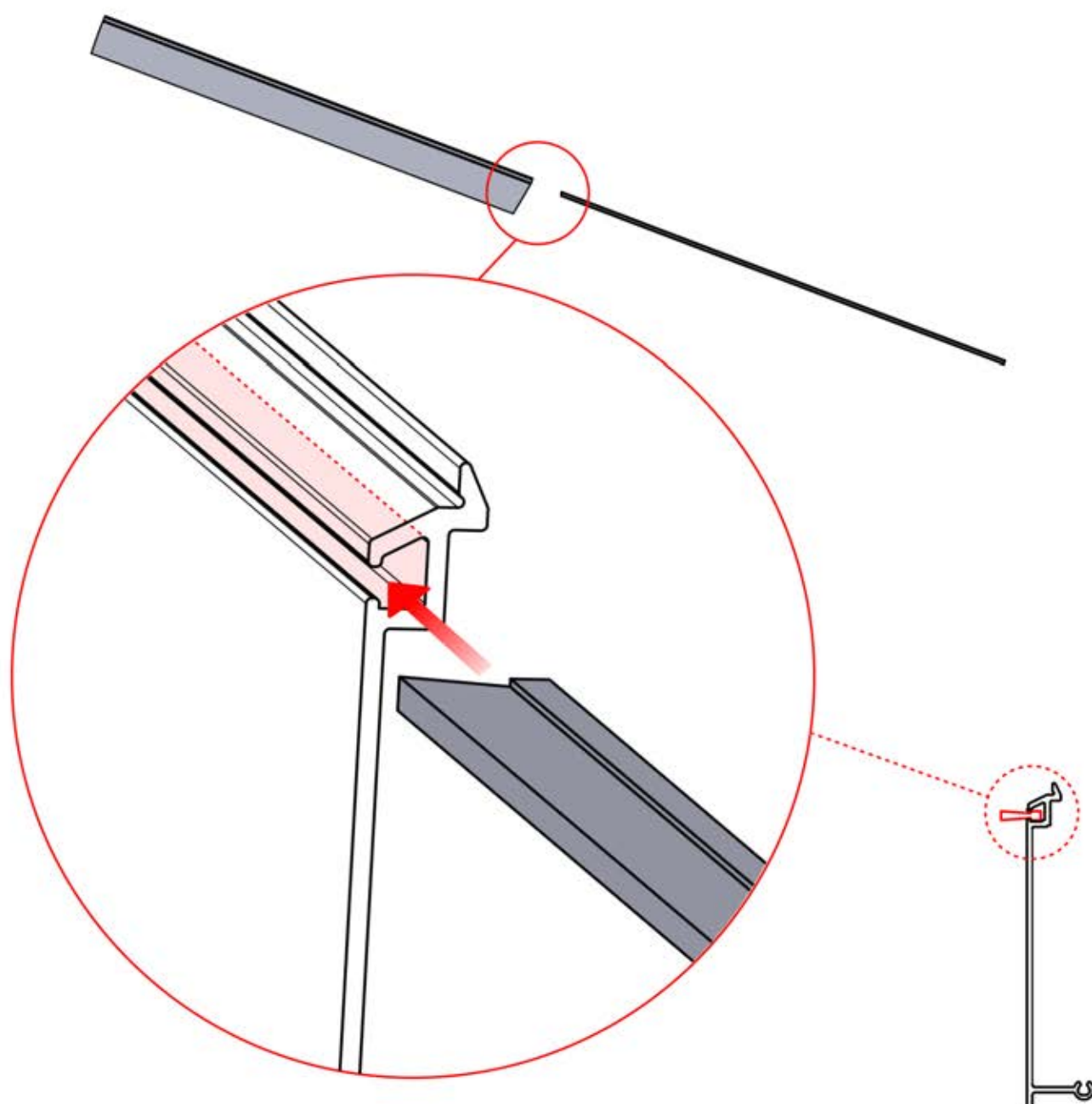
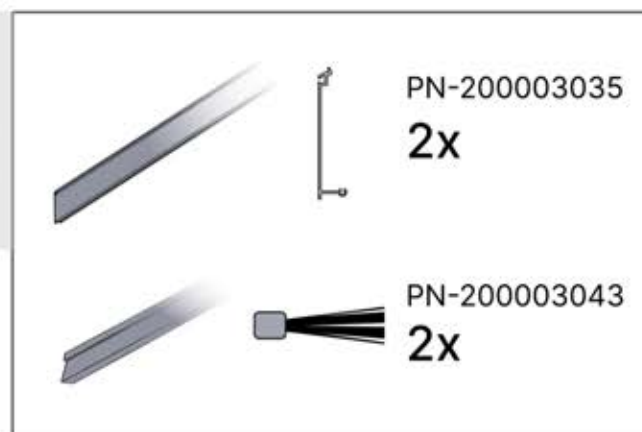
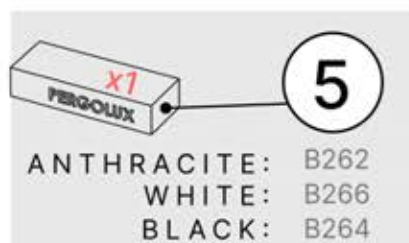



Route the Matter
Antenna and place it
below the highlighted
part(PN-200002622).

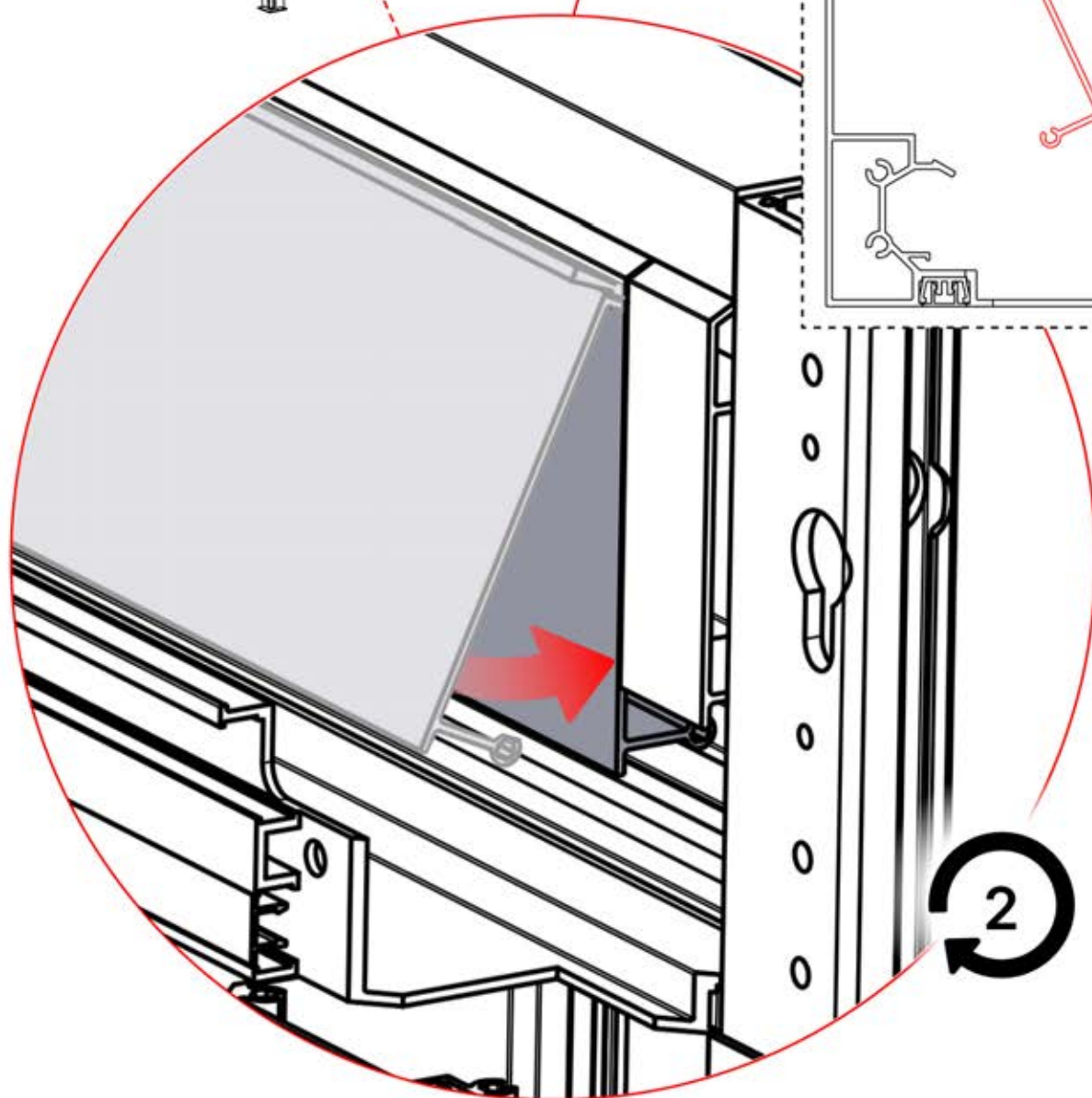
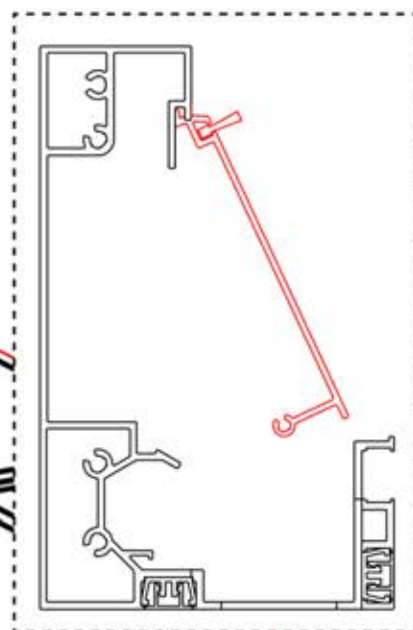
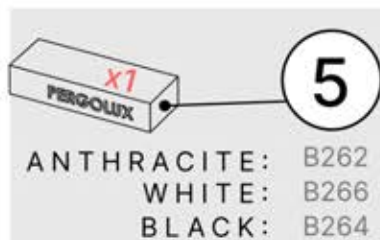

Matter Antenna



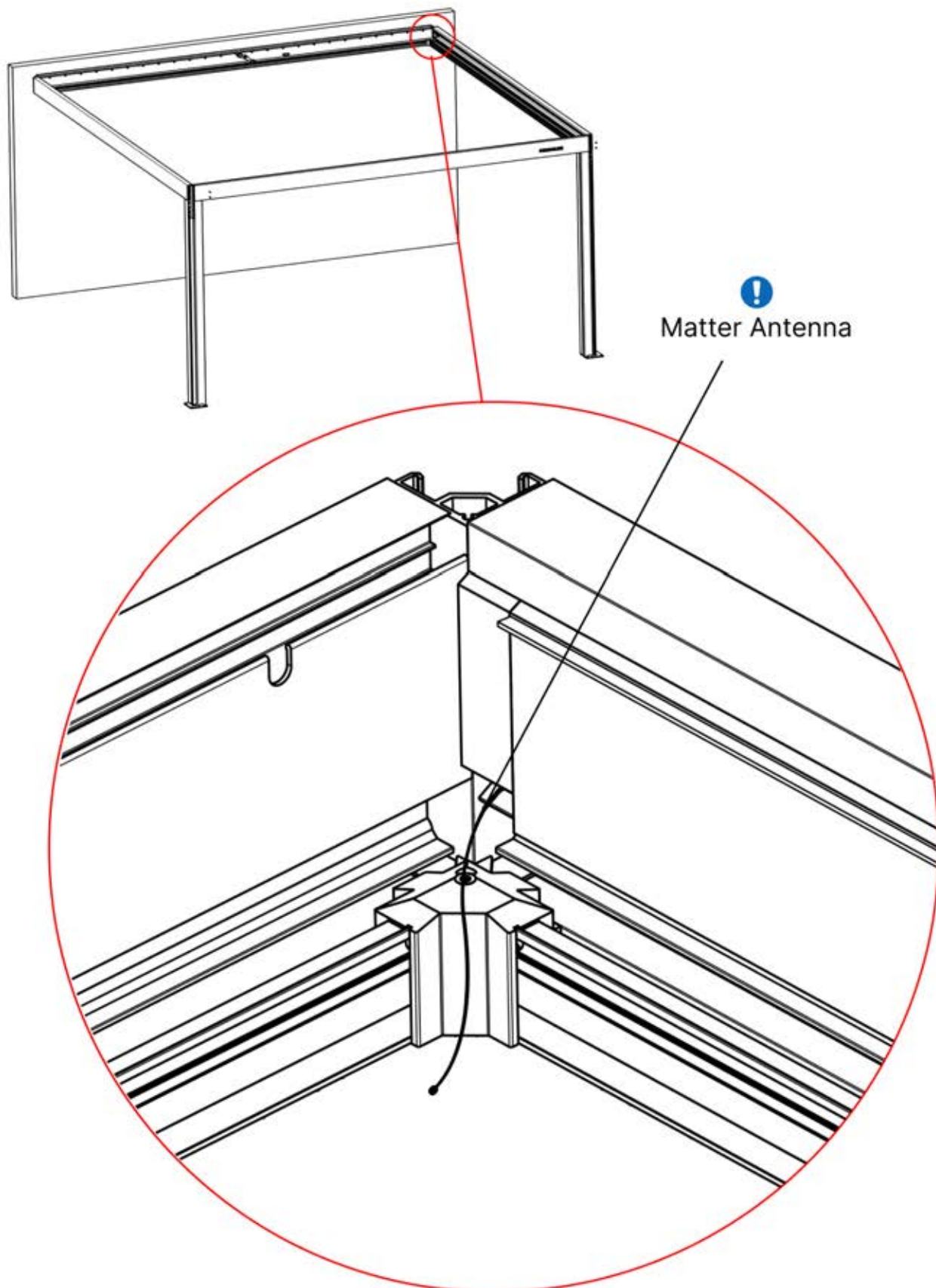
42



43



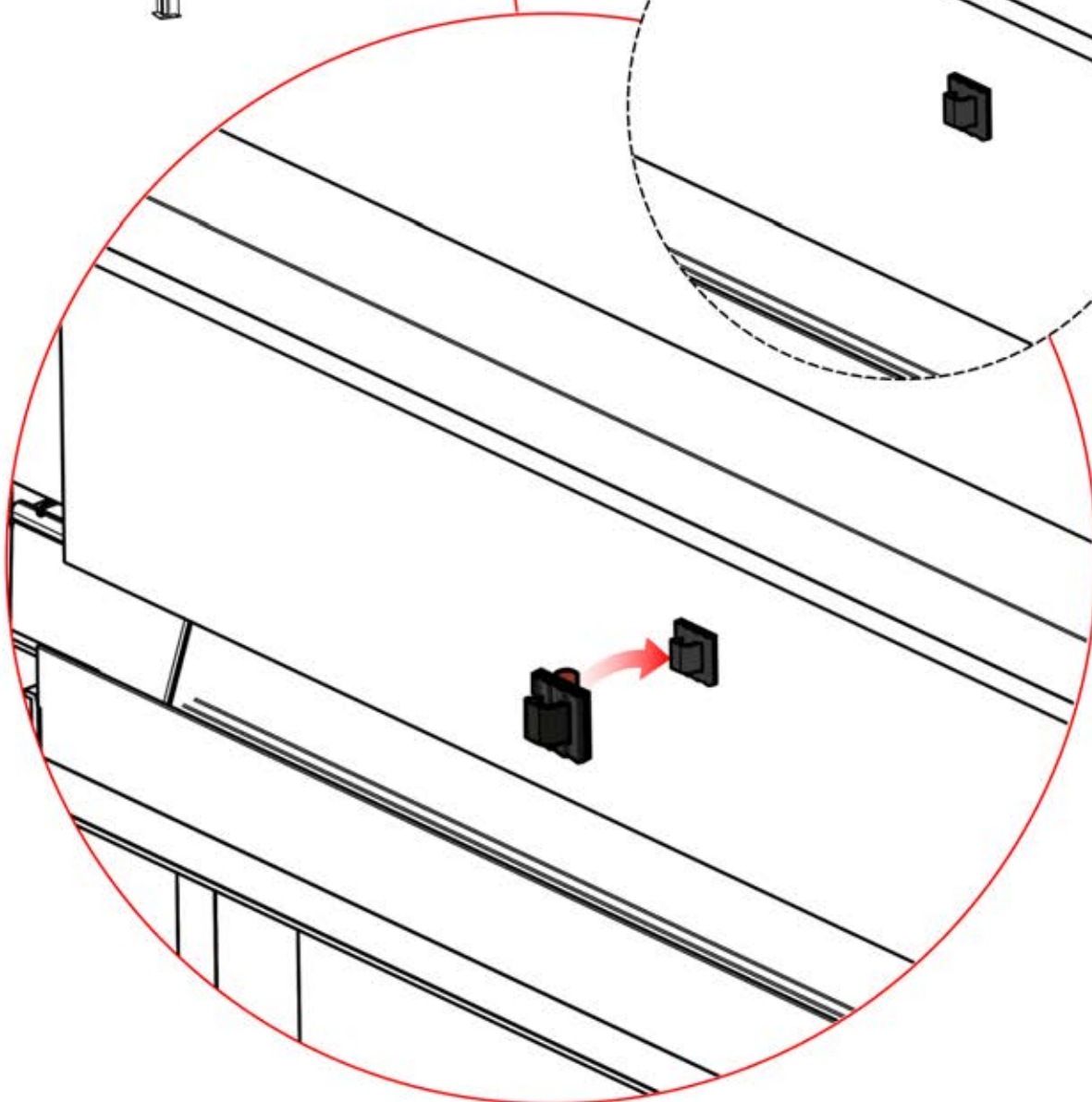
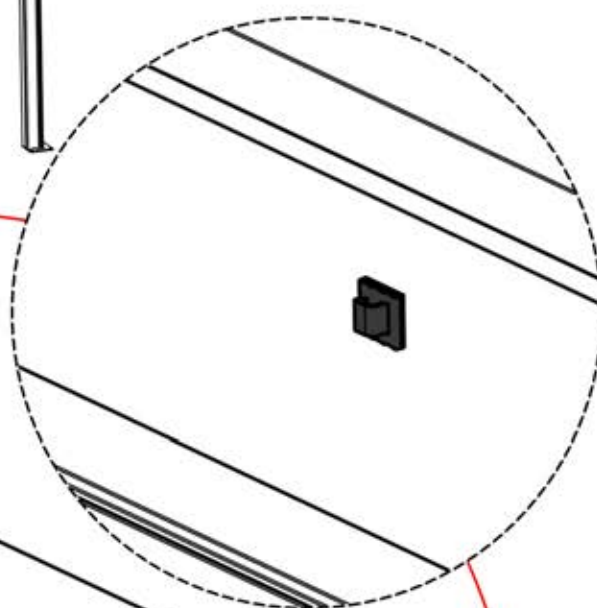
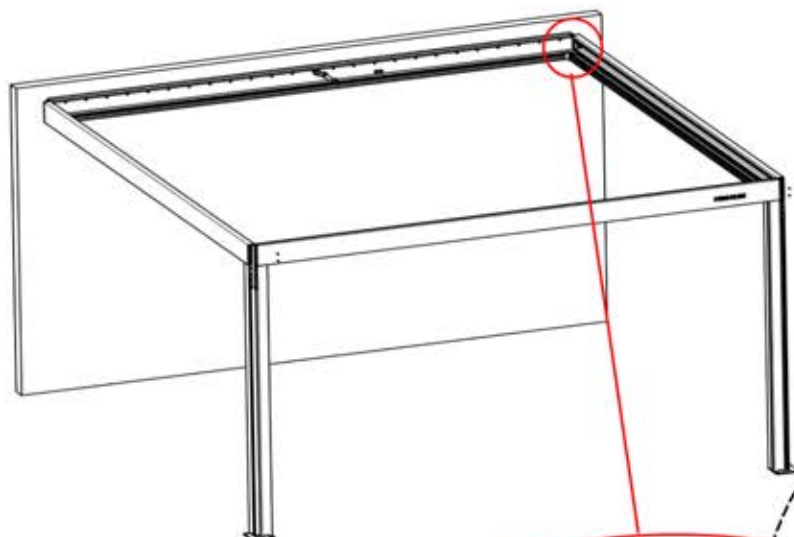
INFORMATION



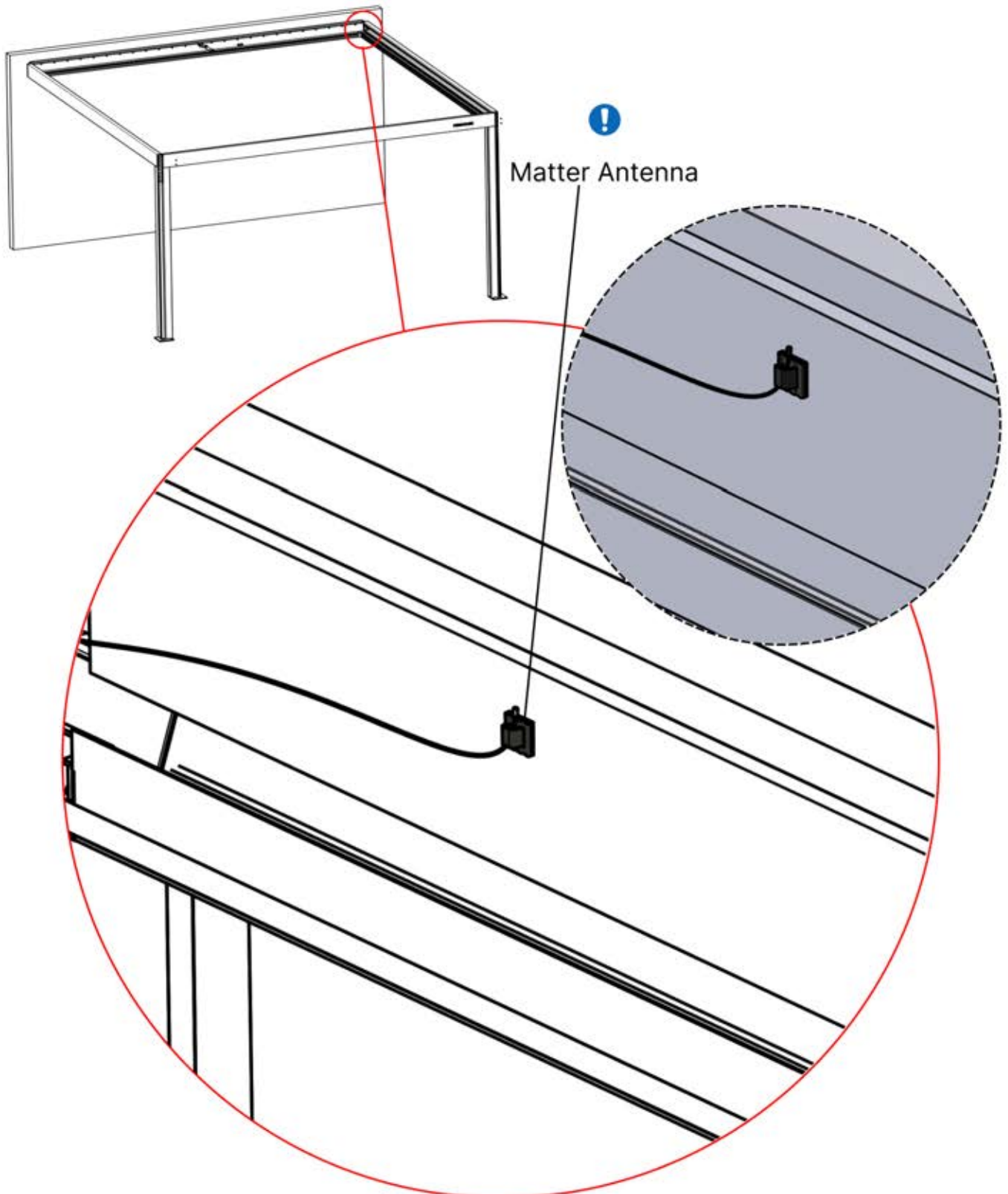
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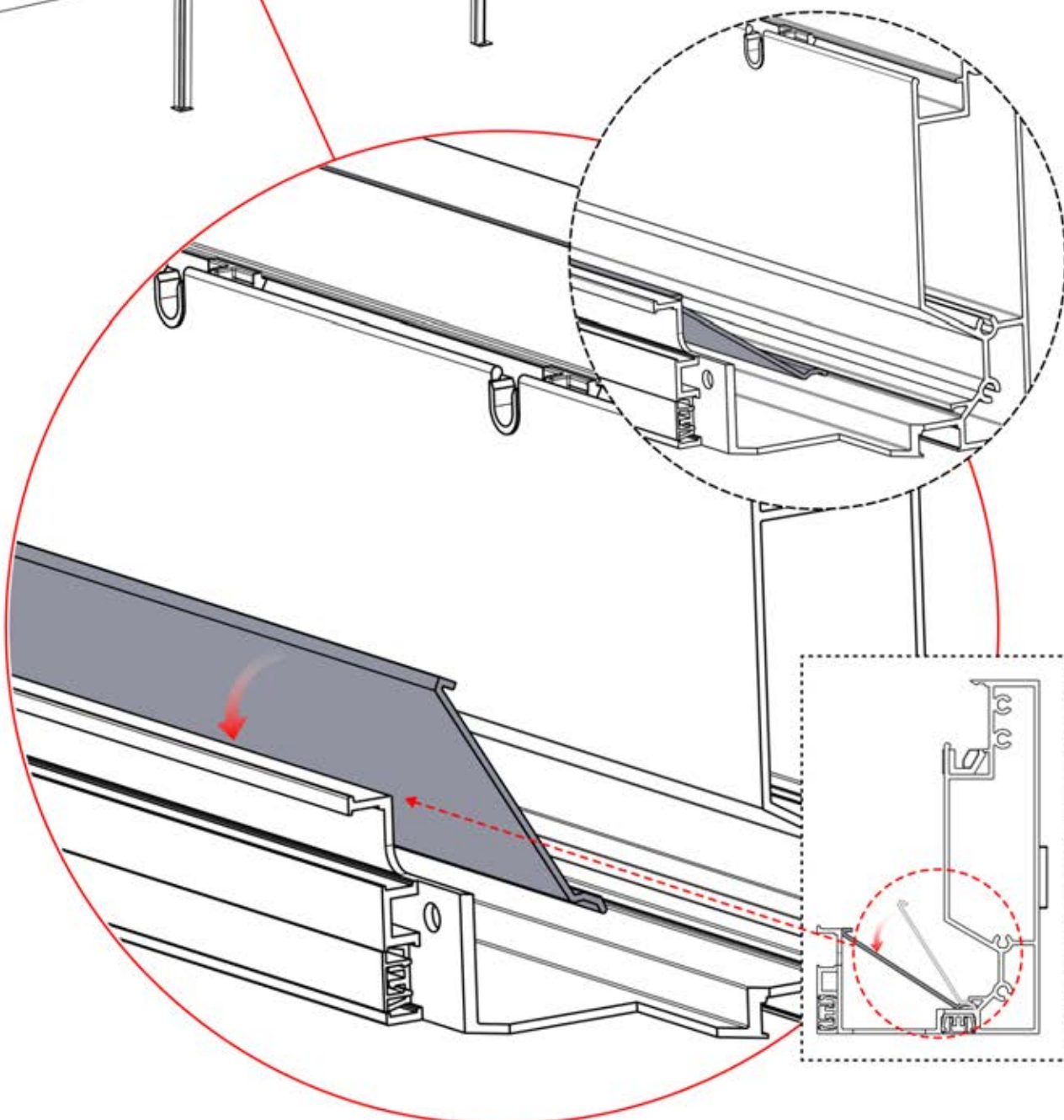
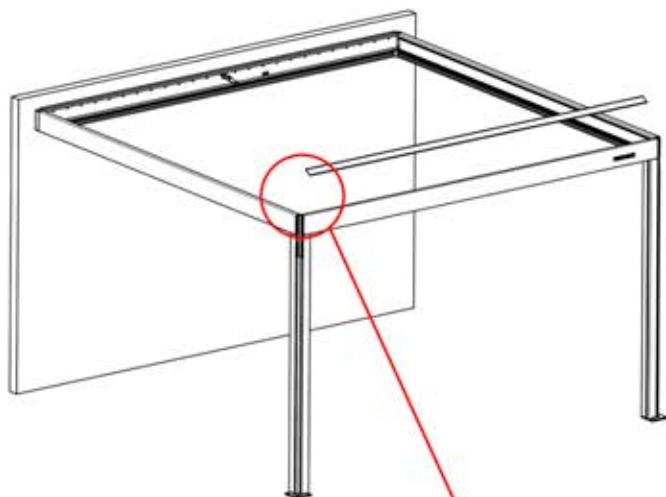
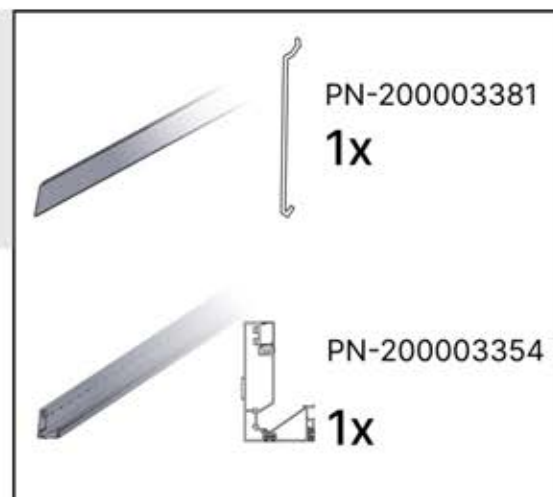
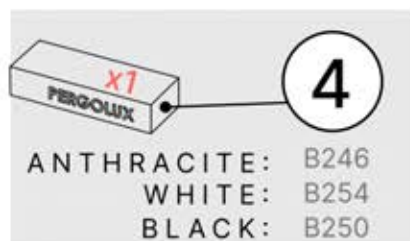
Matter Antenna
1x



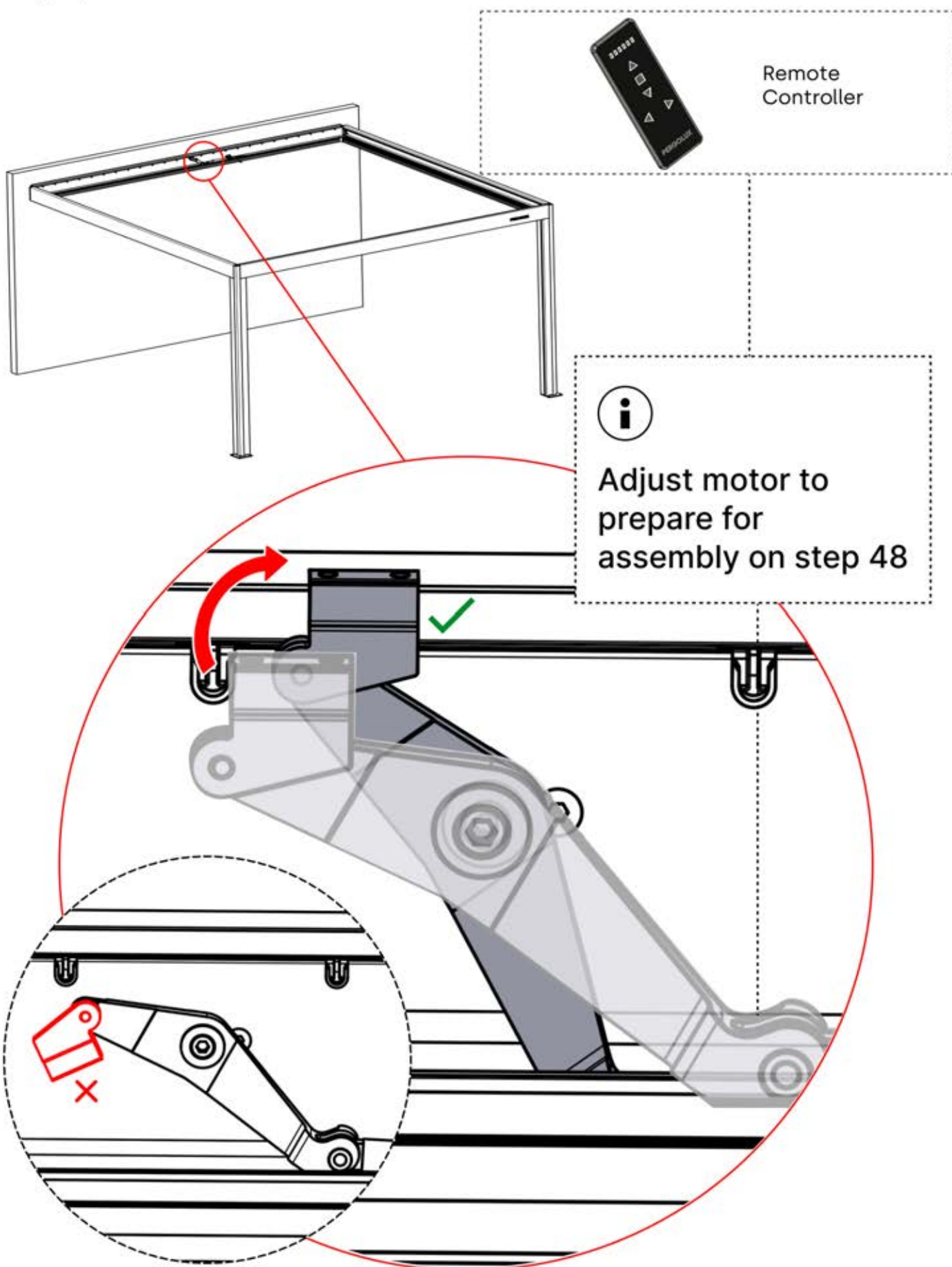
45



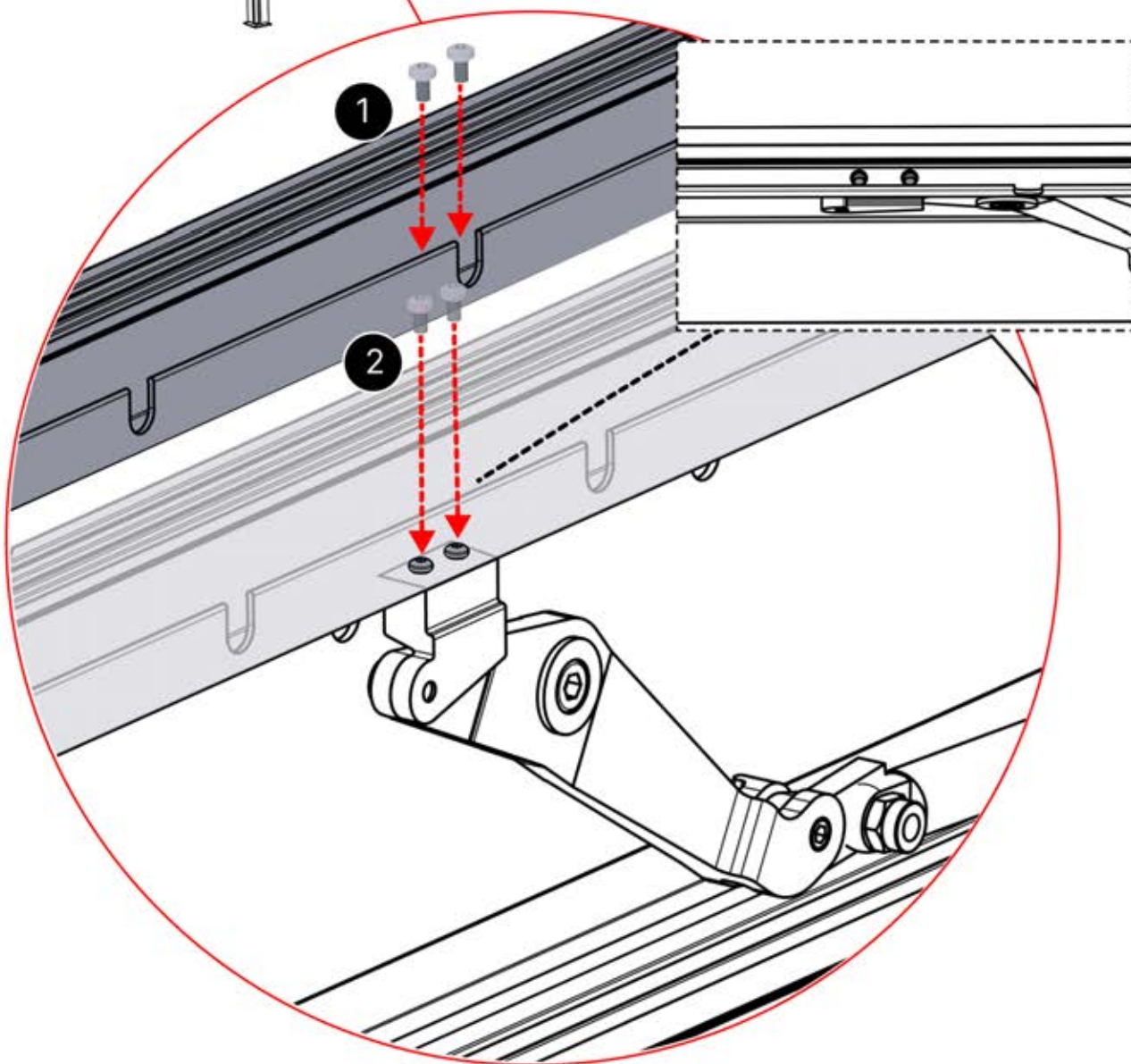
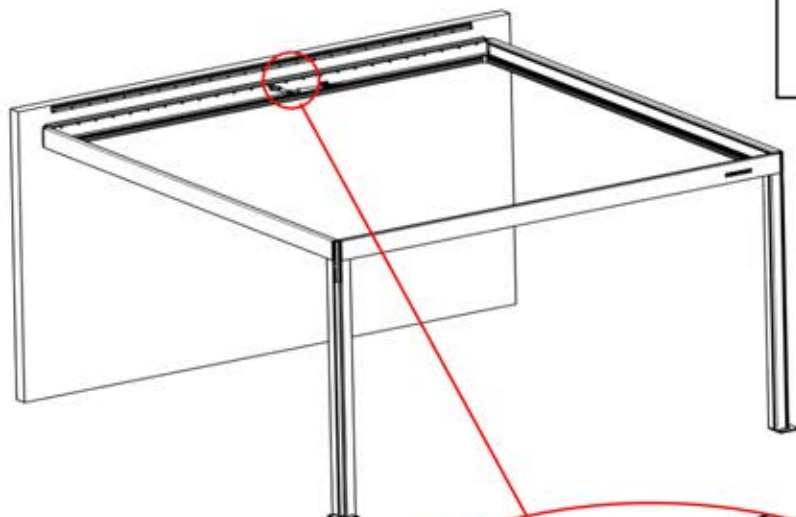
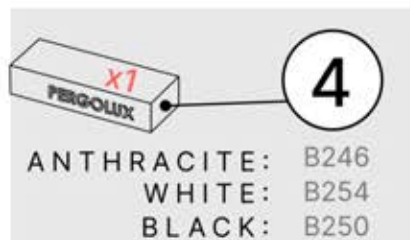
46



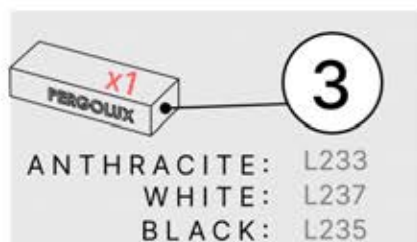
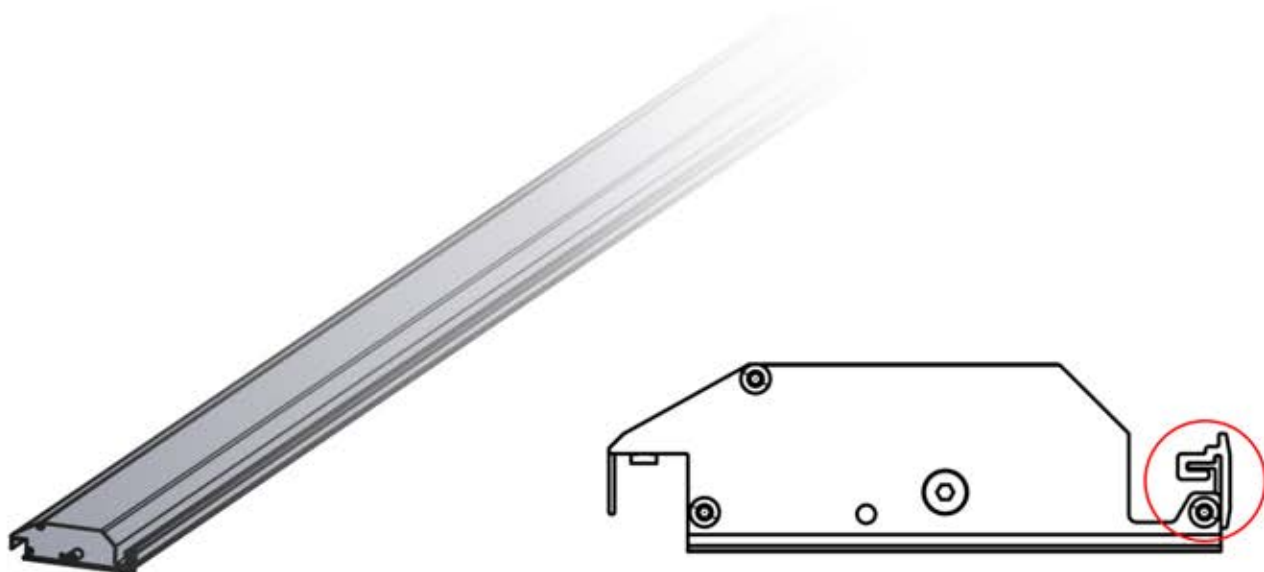
47



48



ITEMS IN BOX

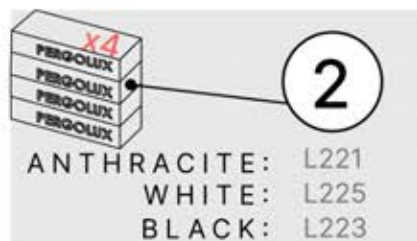
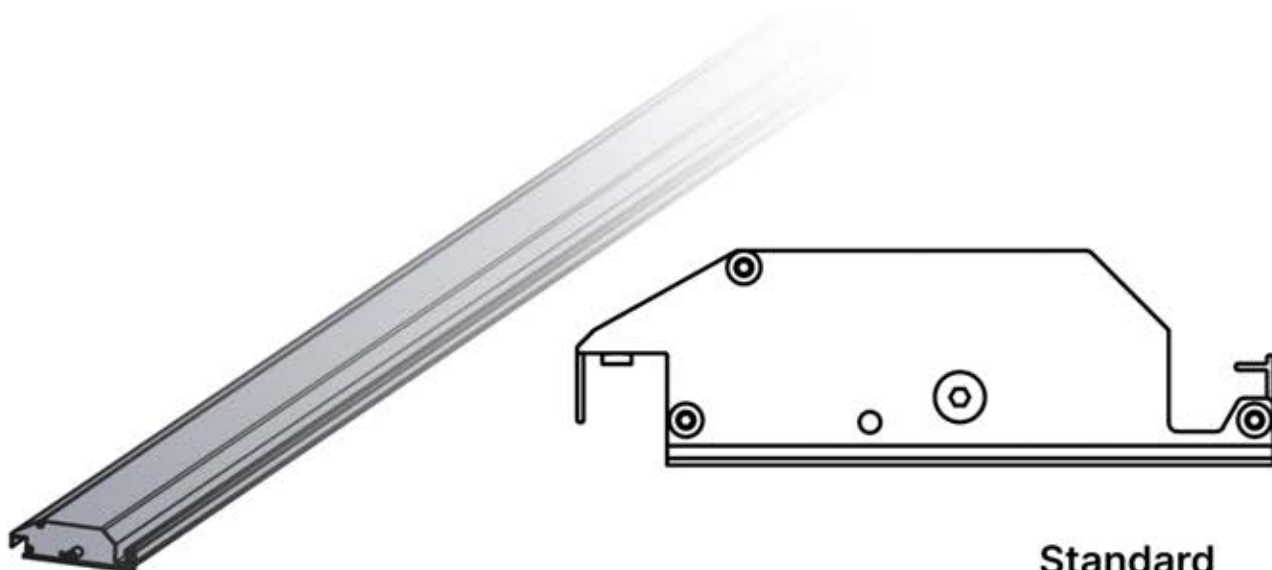


ANTHRACITE: L233
WHITE: L237
BLACK: L235

PLR 150 G2 PRO LOUVER END FS 4M
PACKAGE

PN-200002957

1x



ANTHRACITE: L221
WHITE: L225
BLACK: L223

PLR 150 G2 PRO LOUVER STD FS 4M
PACKAGE

PN-200002879

30x

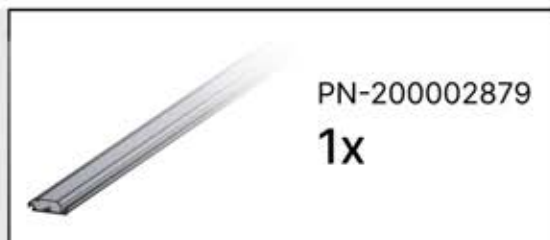
Standard

49



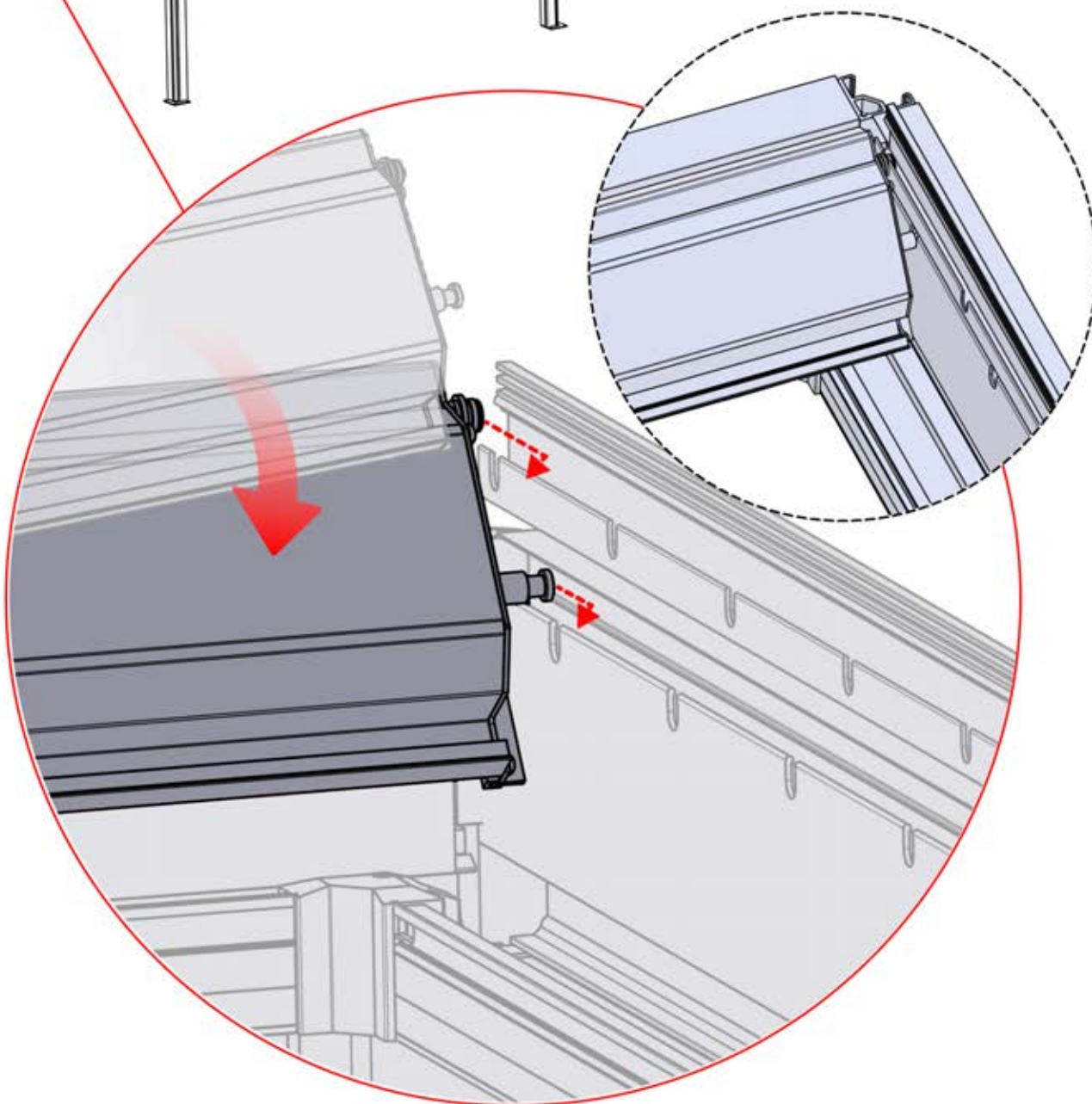
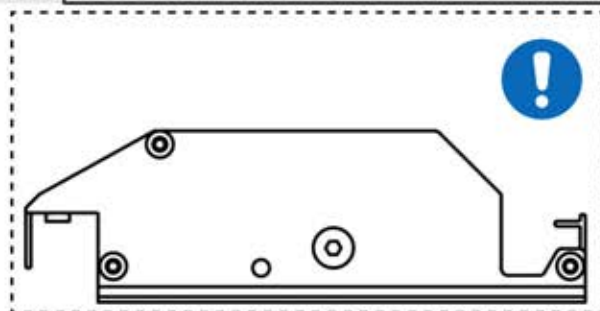
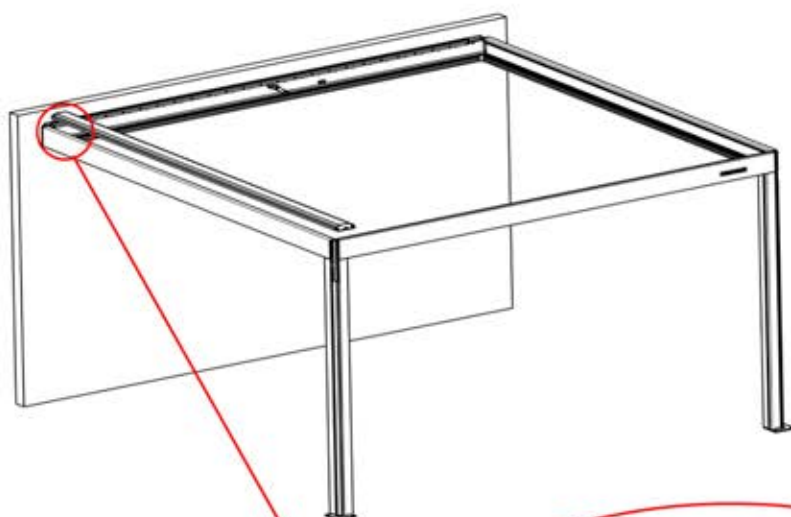
2

ANTHRACITE: L221
WHITE: L225
BLACK: L223

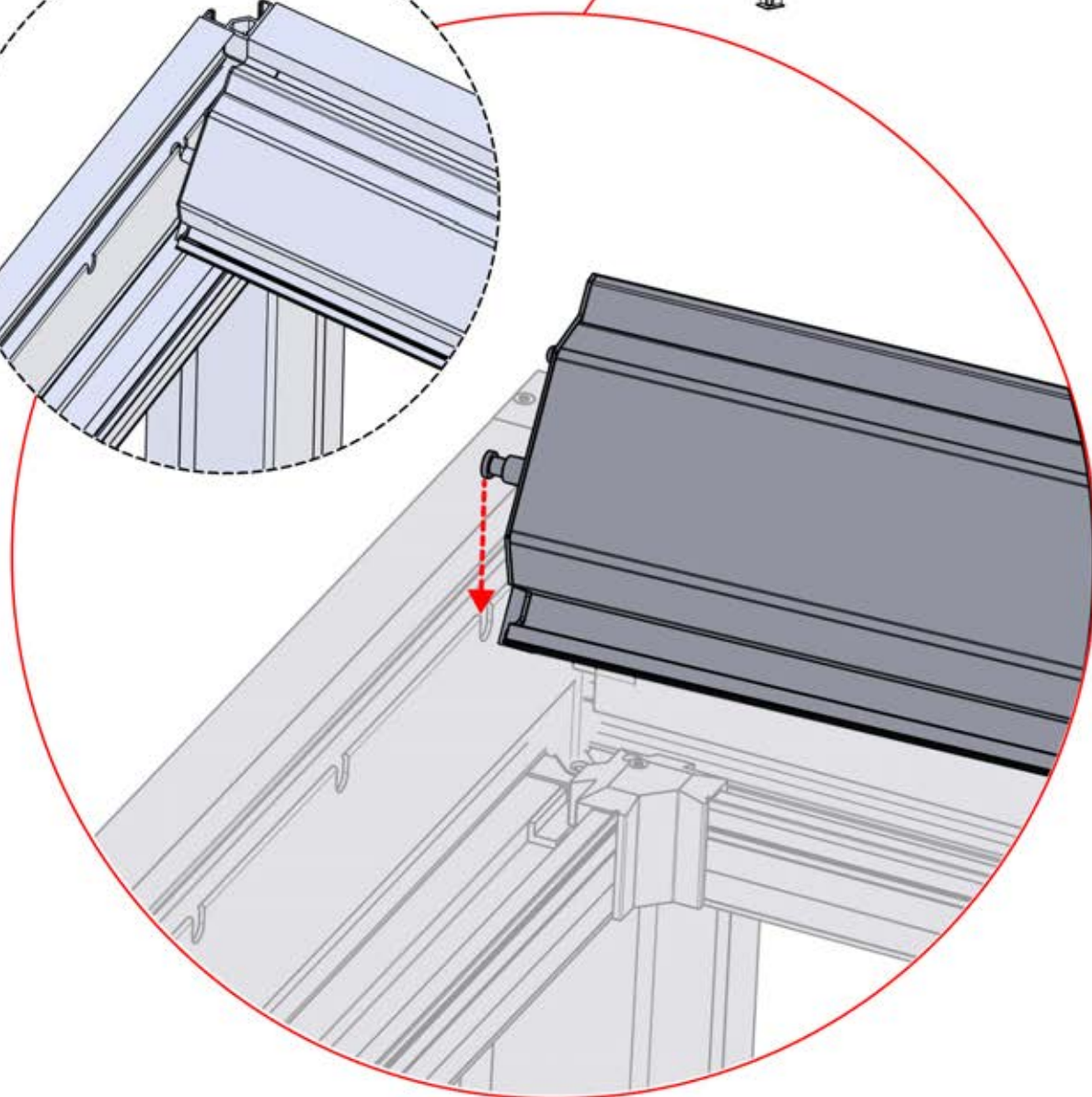
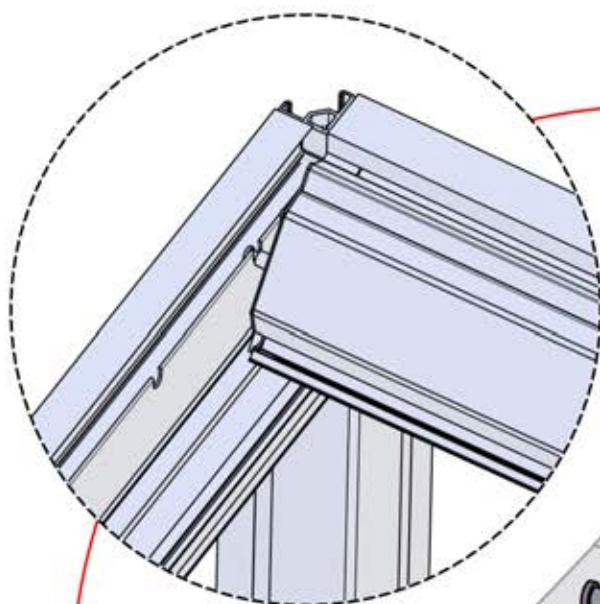
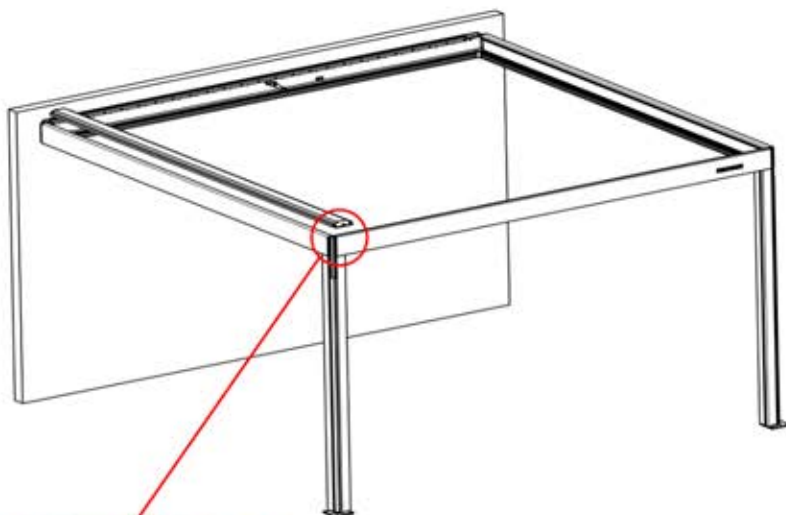
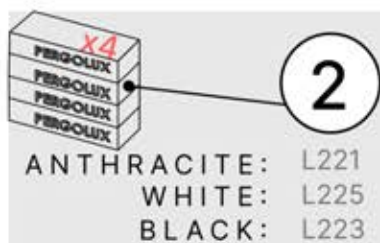


PN-200002879

1x



50



51

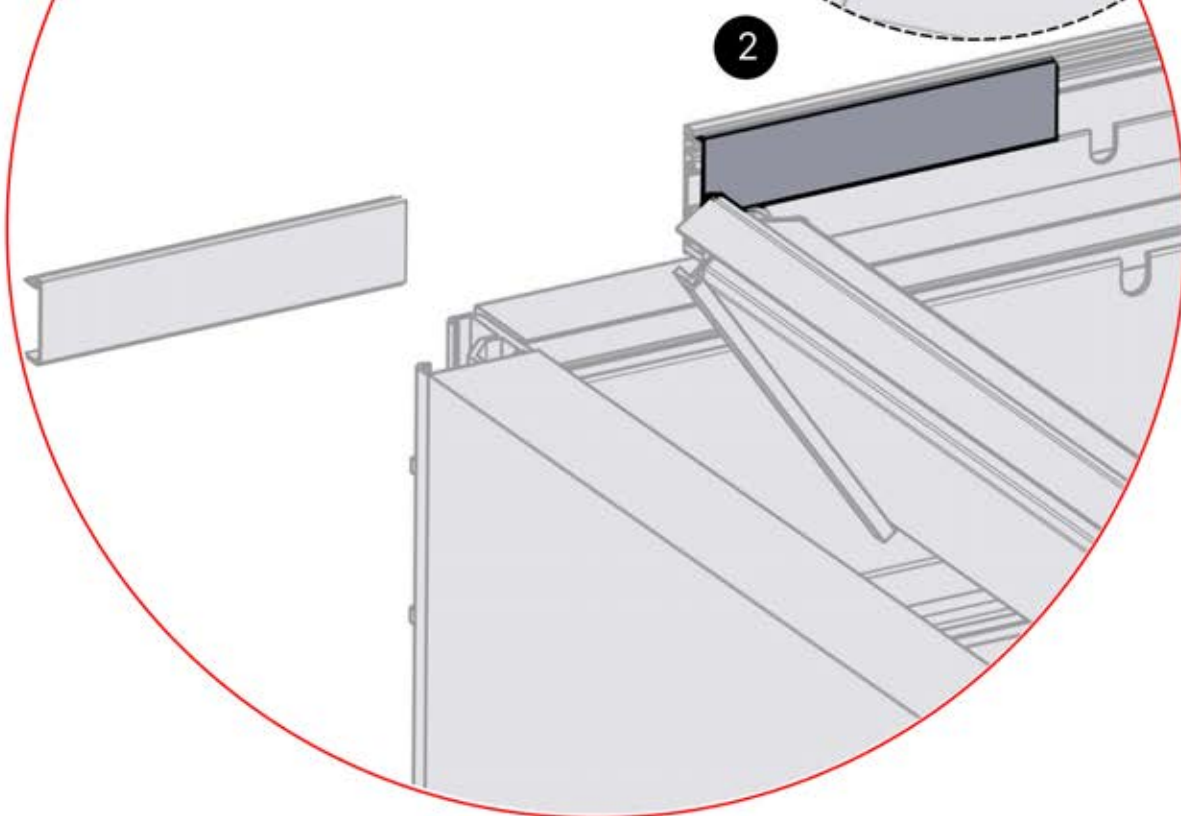
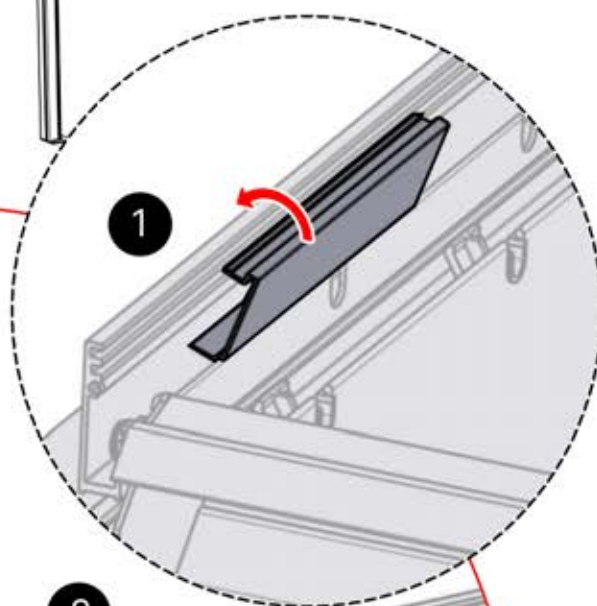


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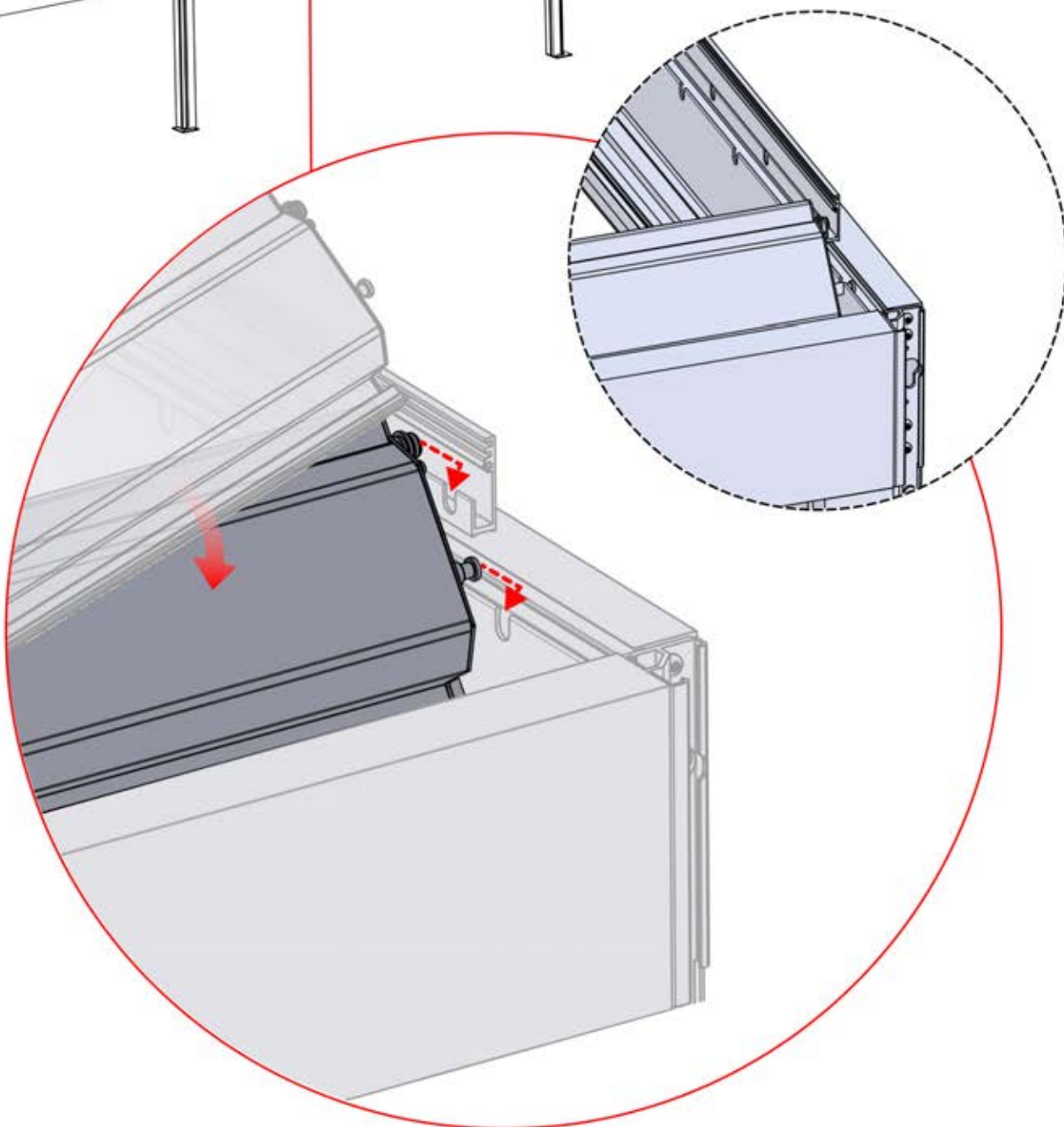
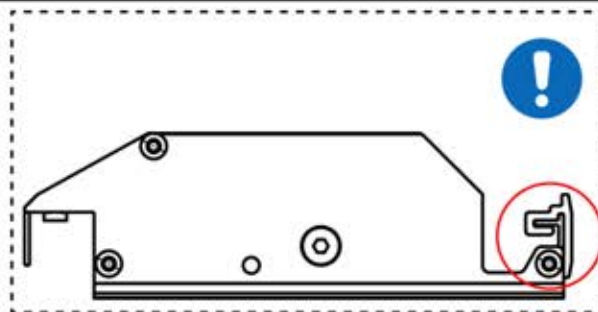
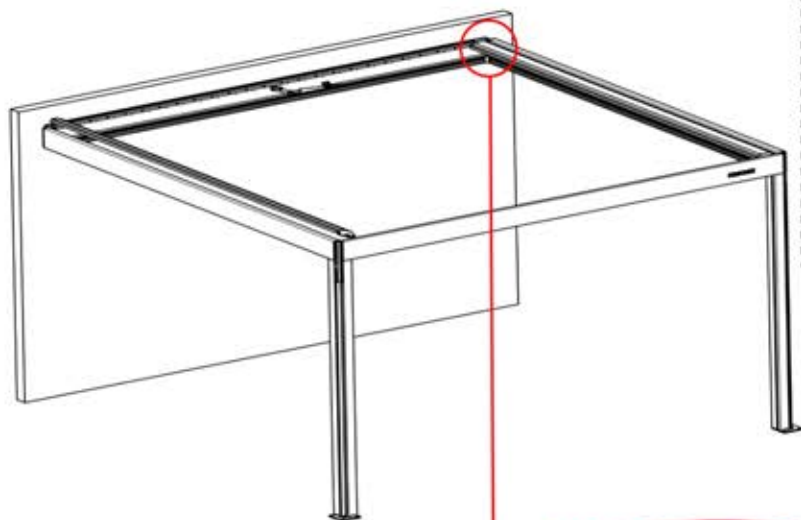
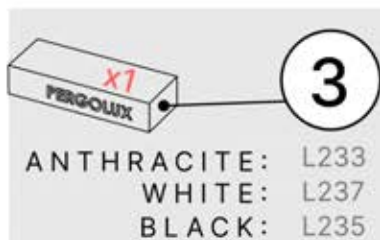
ANTHRACITE: B246
WHITE: B254
BLACK: B250

PN-200003033

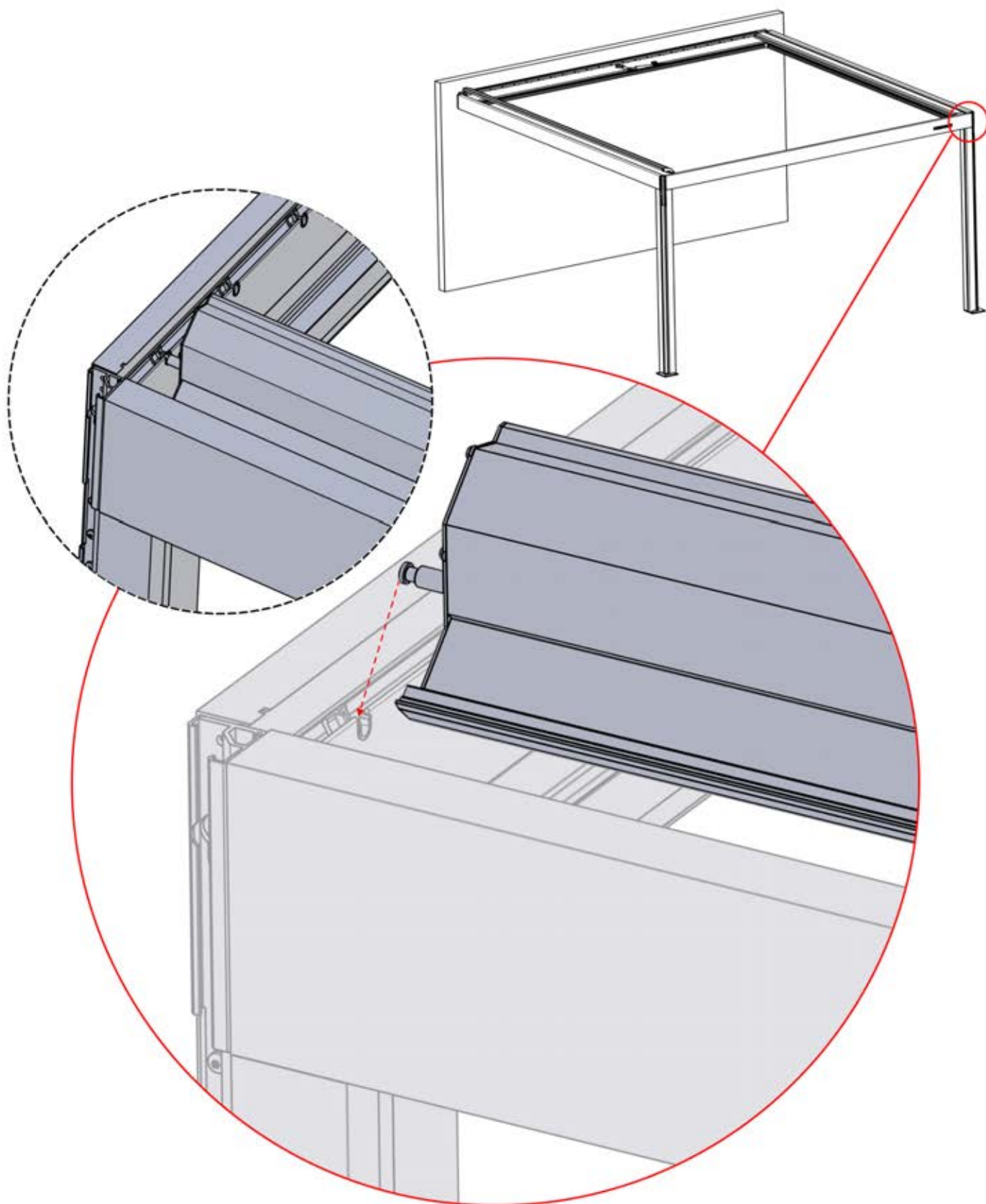
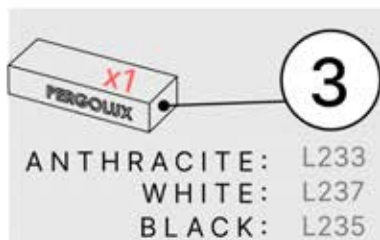
1x



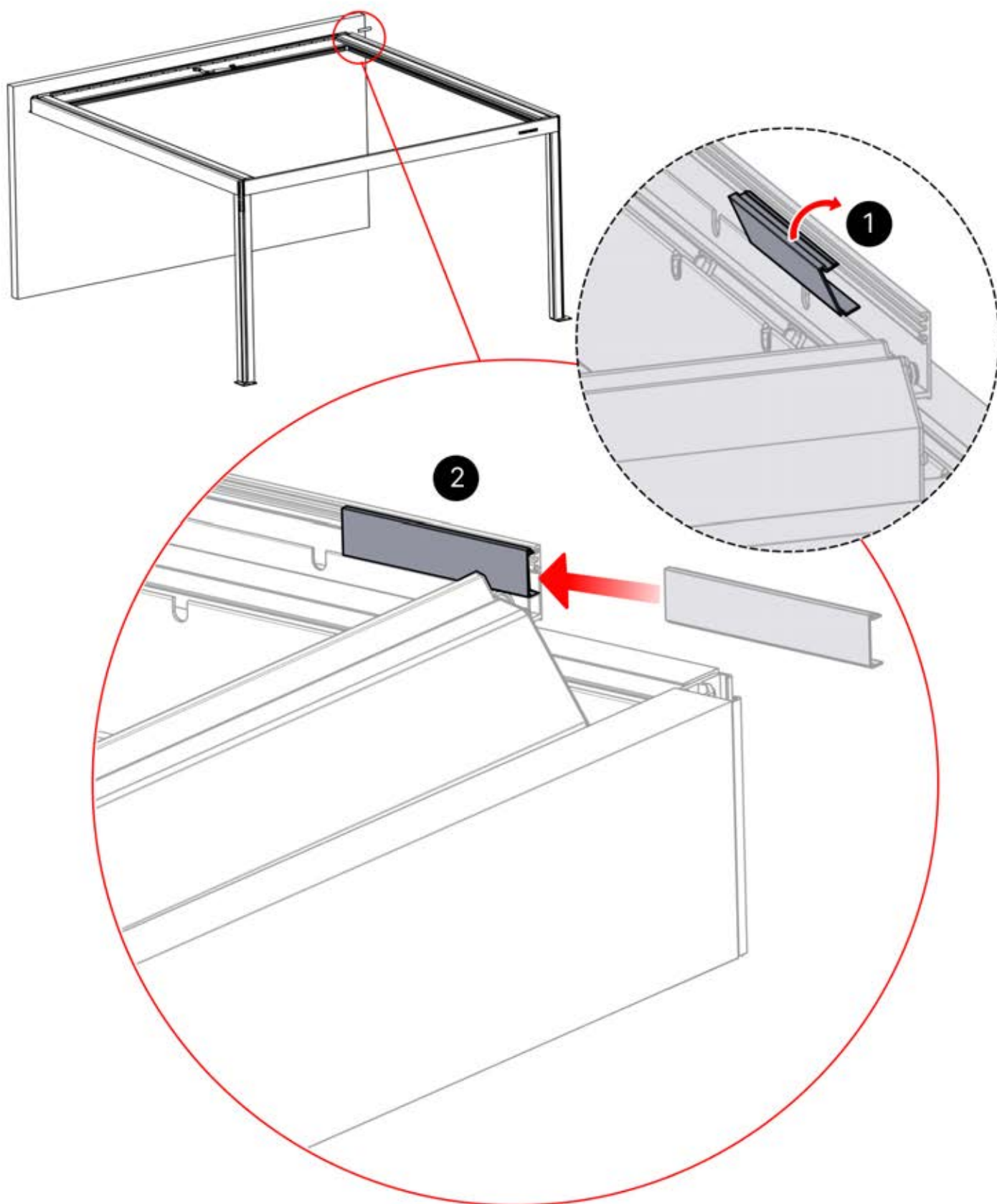
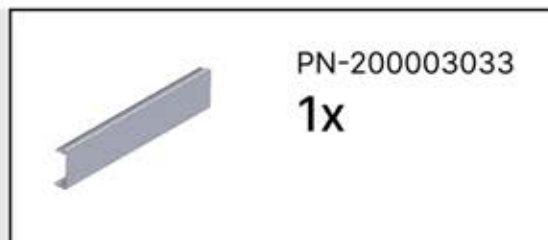
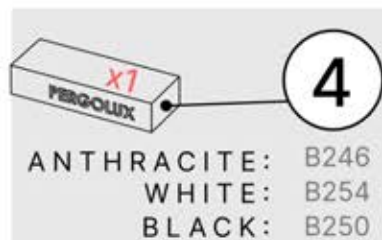
52



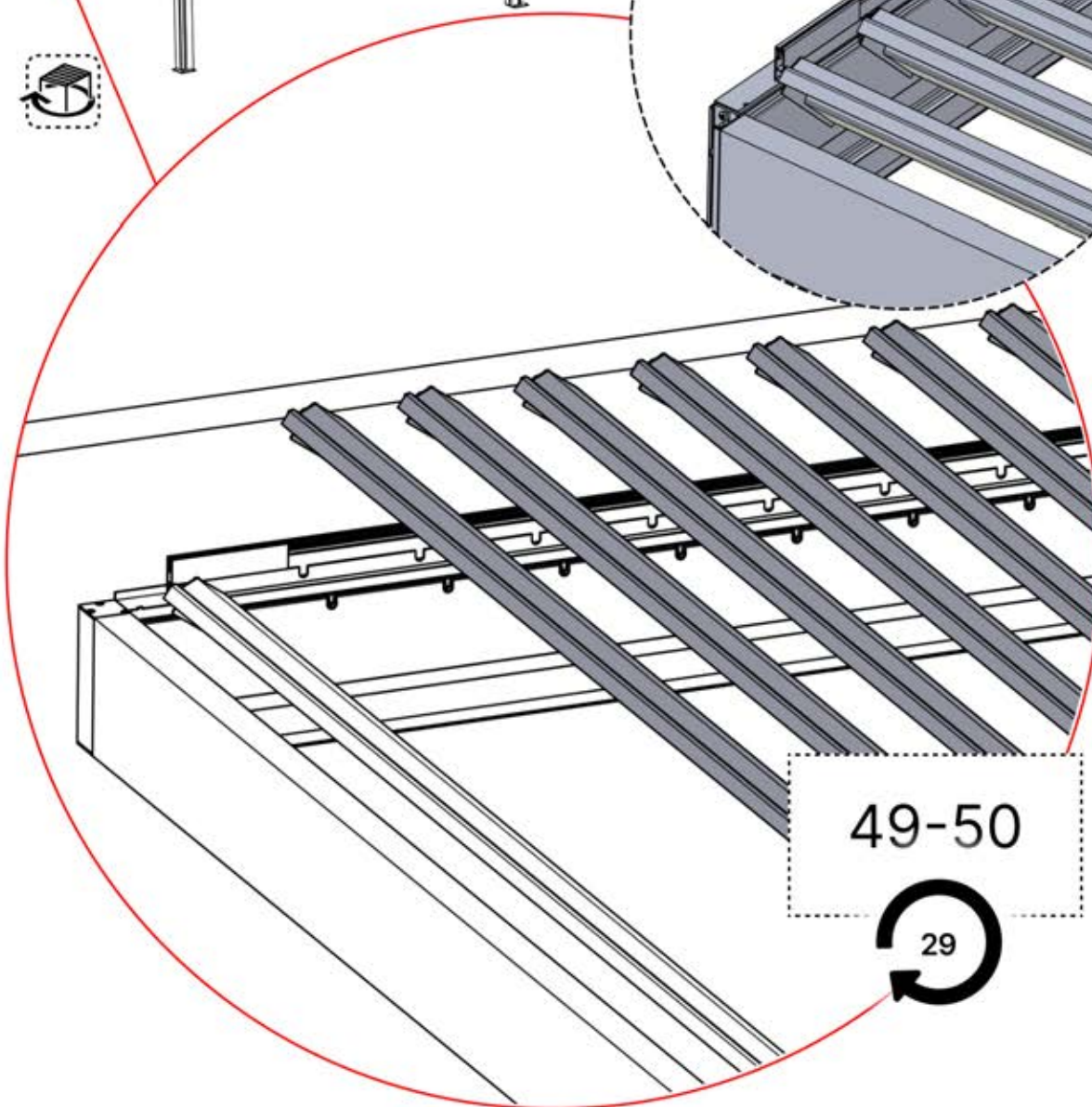
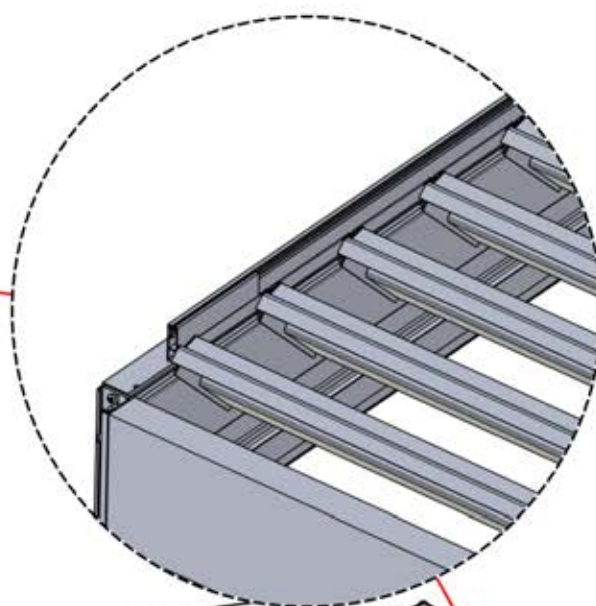
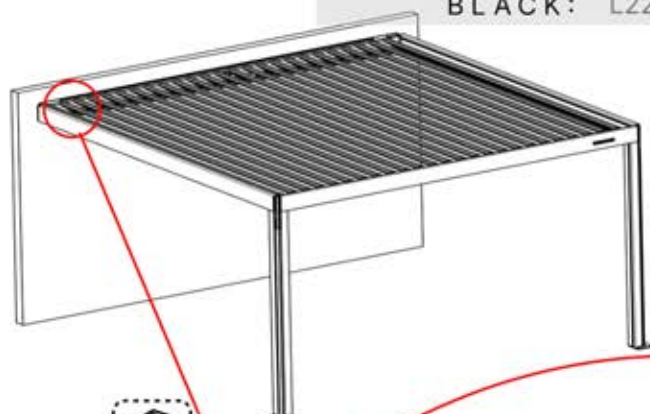
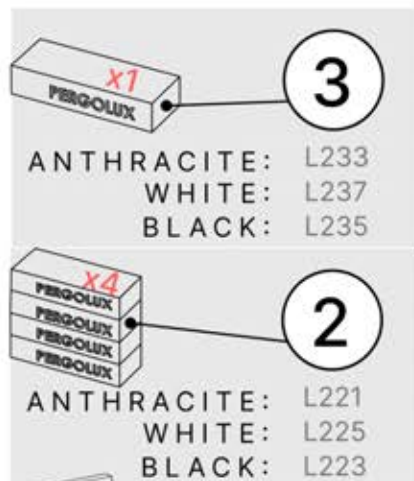
53



54



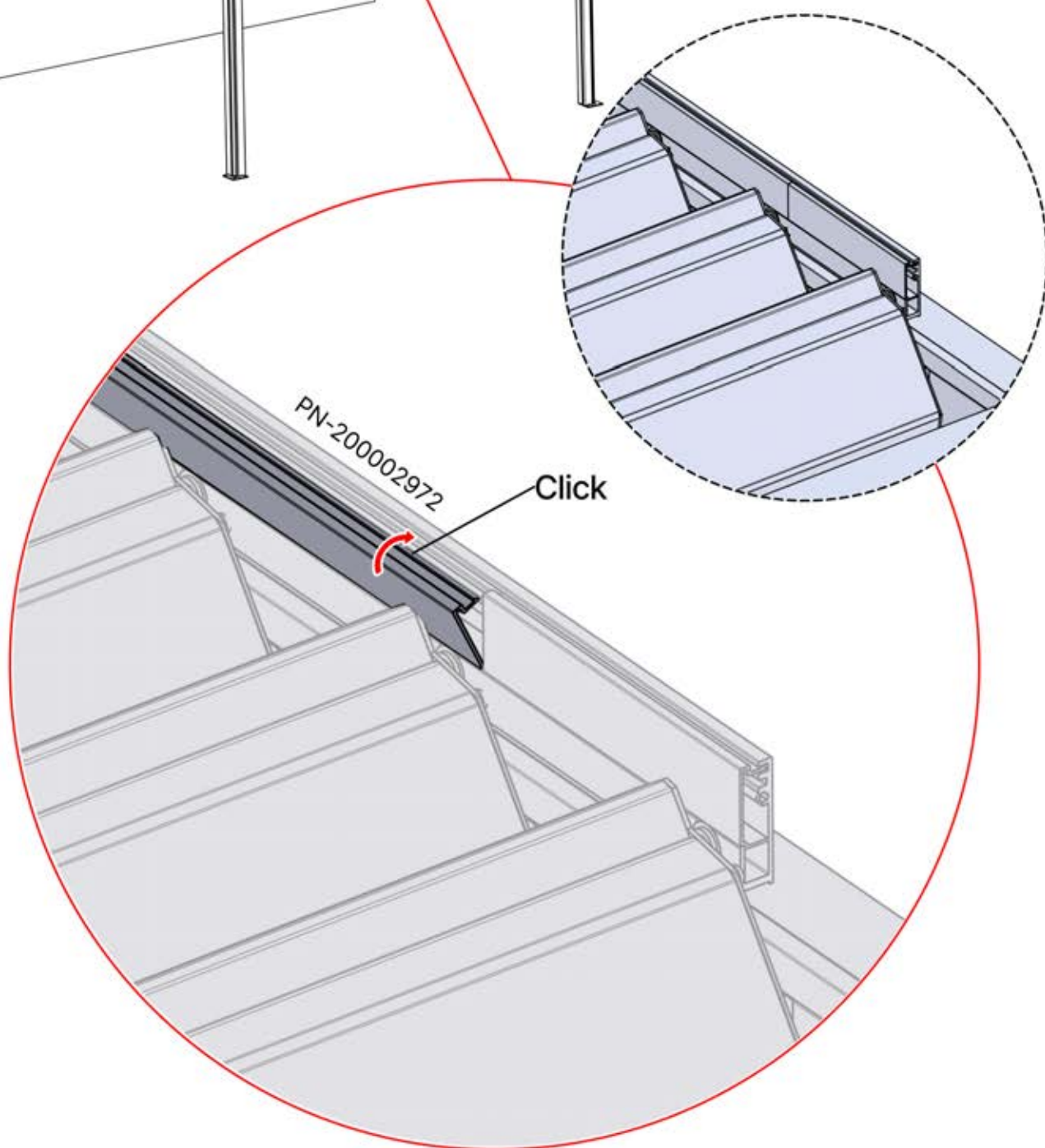
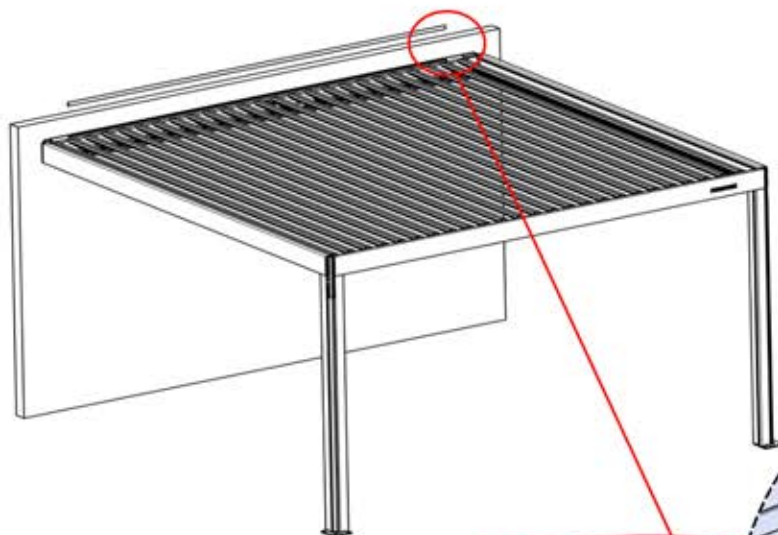
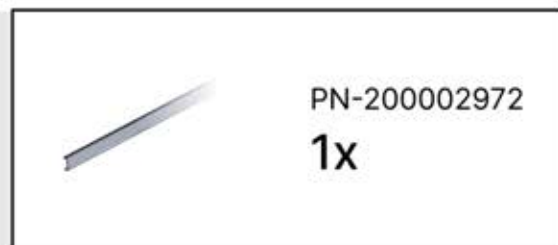
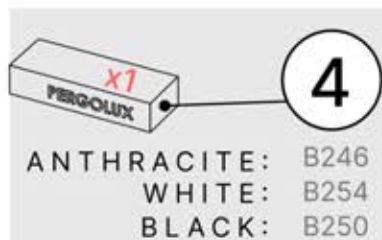
55



49-50



56

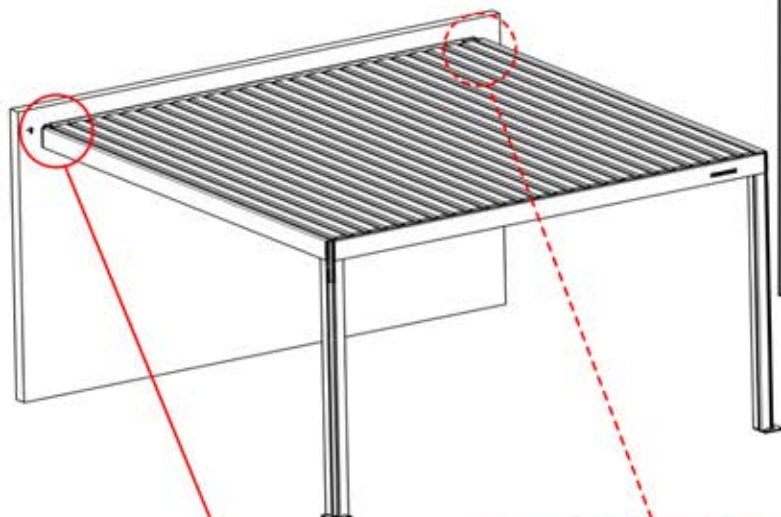


57



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



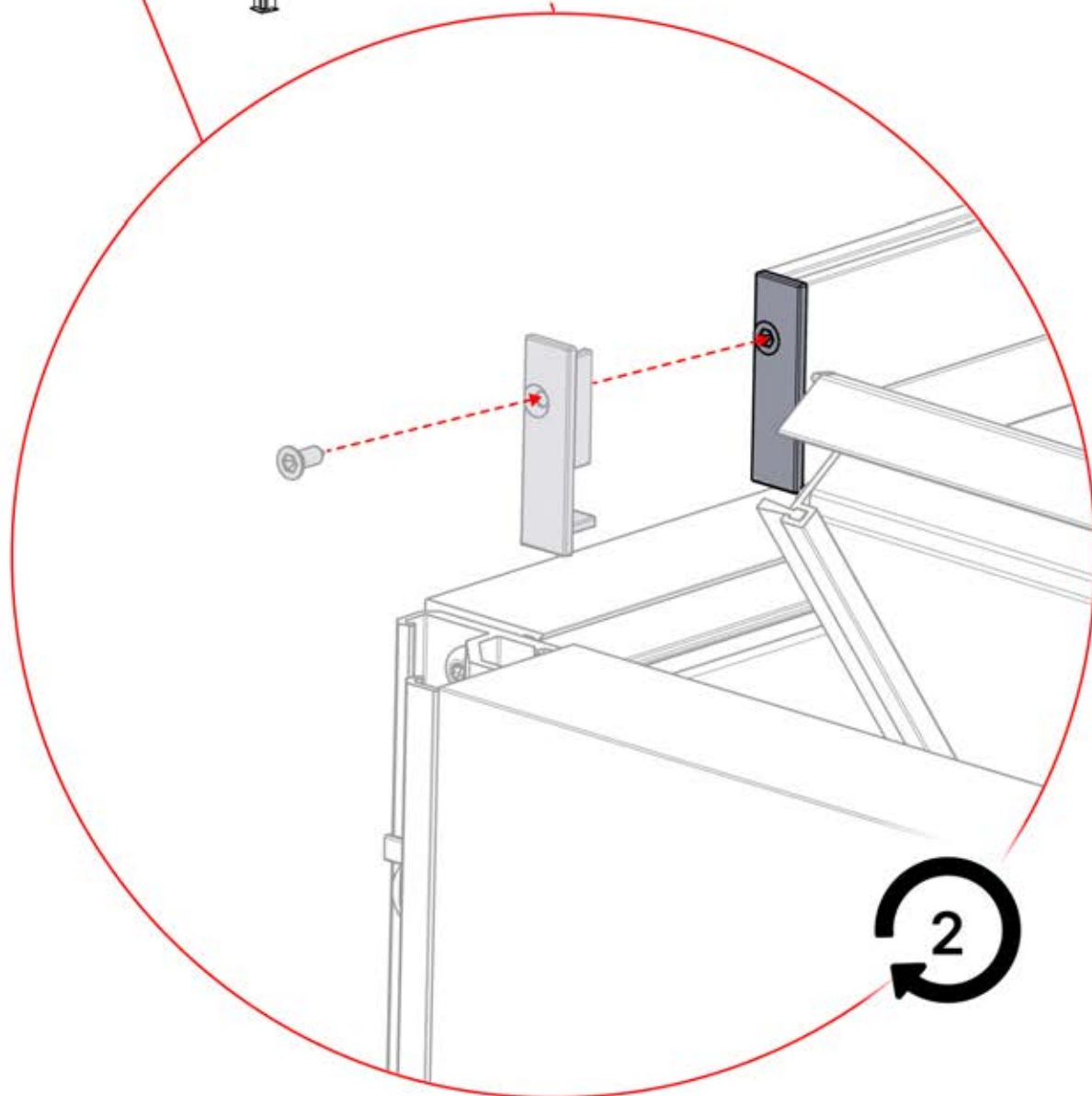
PN-200003030
1x



PN-200003031
1x



PN-200001207
2x



58



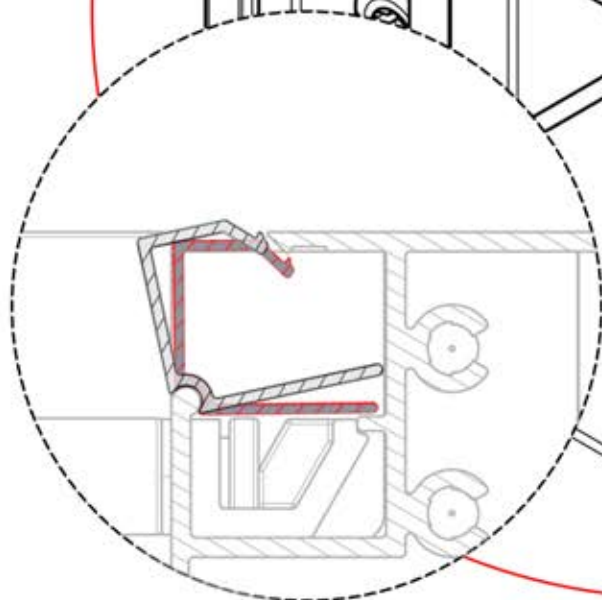
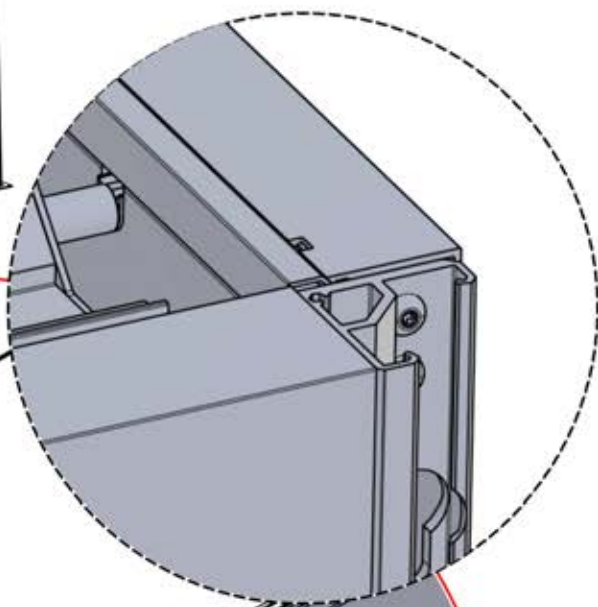
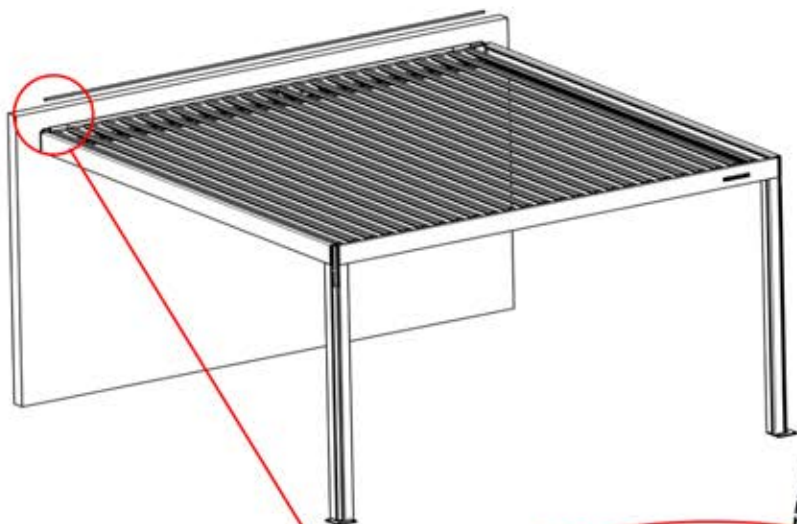
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200002974

1x

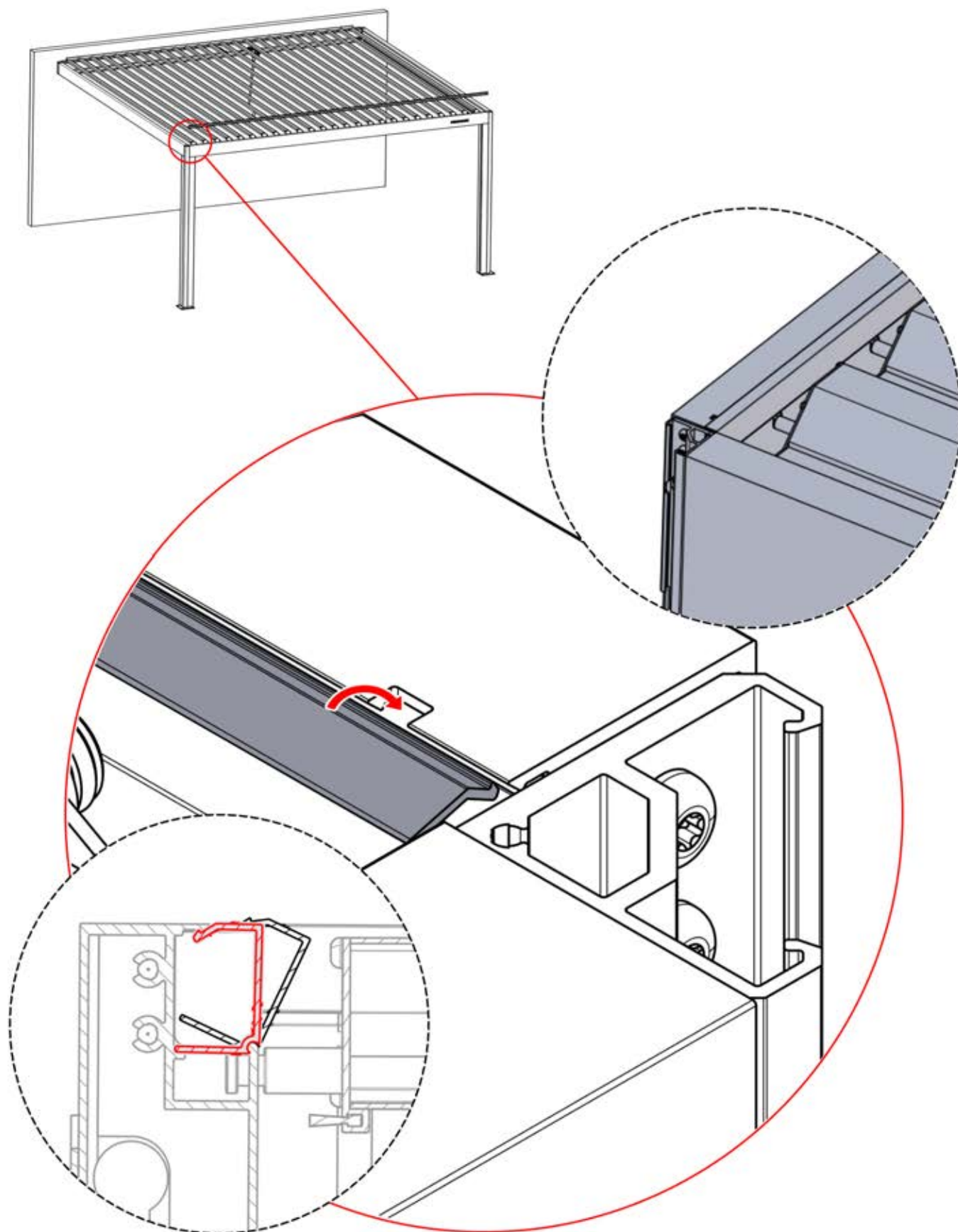
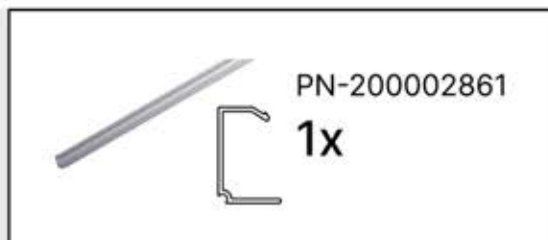


59



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



60


4

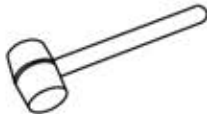
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 WHITE: B254
 BLACK: B250

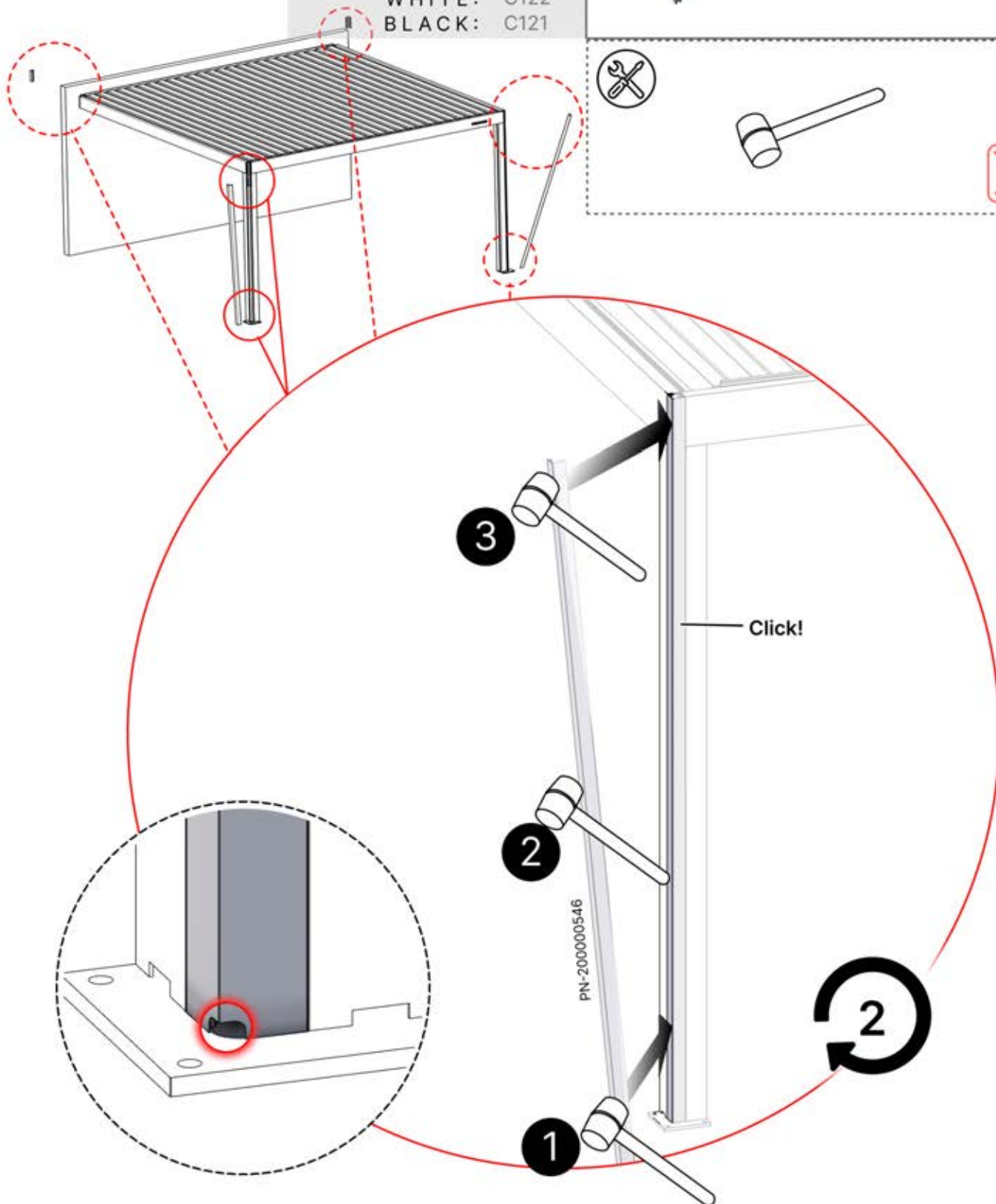

1

ANTHRACITE: C120
 WHITE: C122
 BLACK: C121

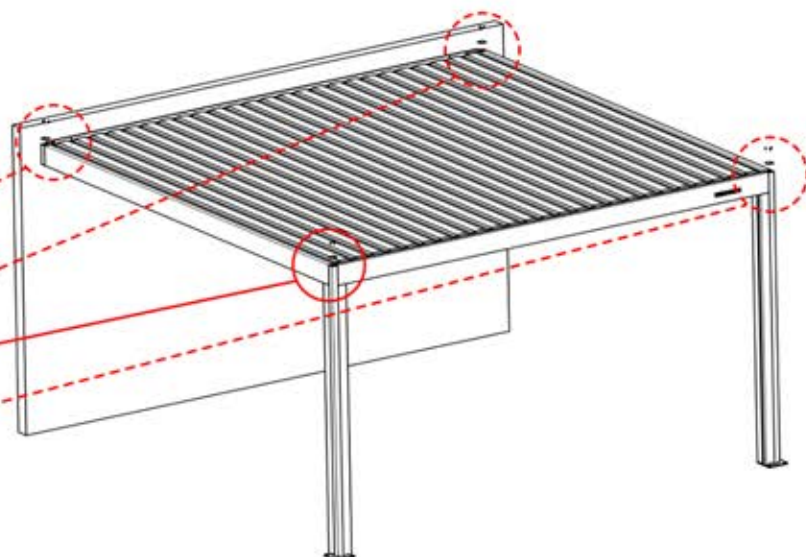
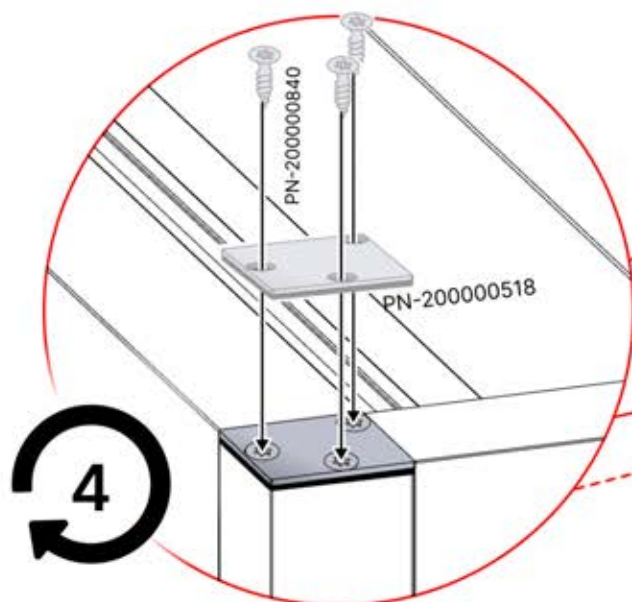
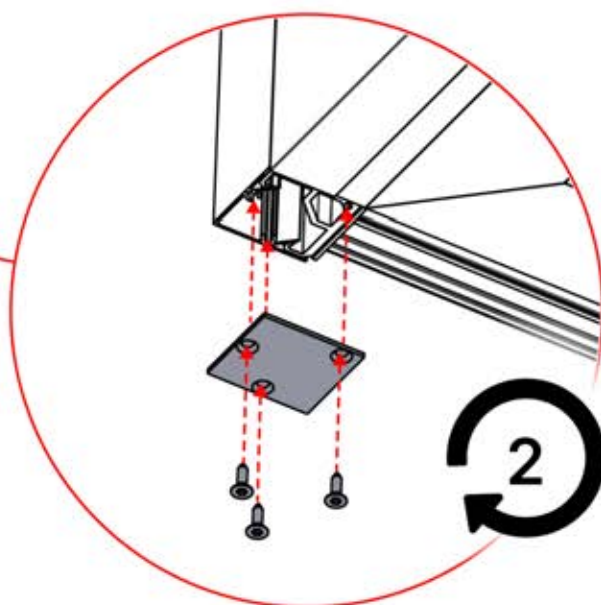
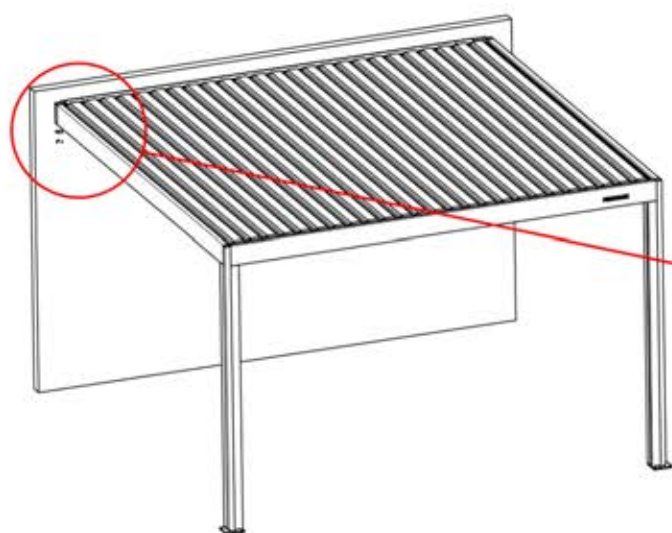
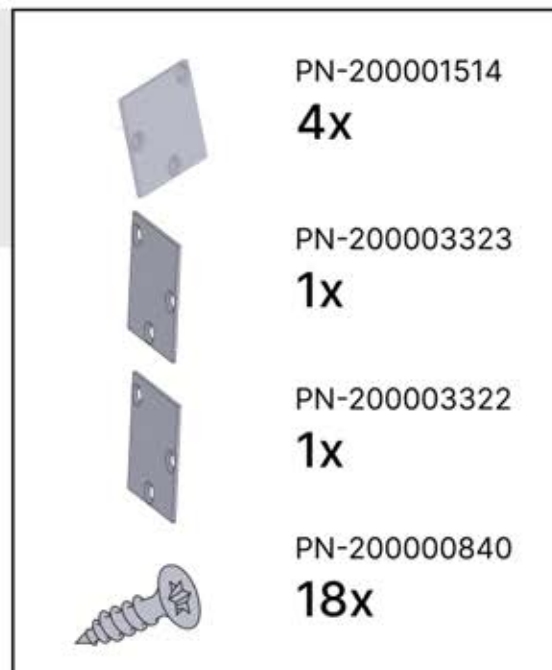
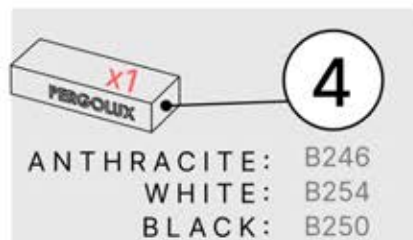

 PN-200003386
 2x


 PN-200003324
 2x

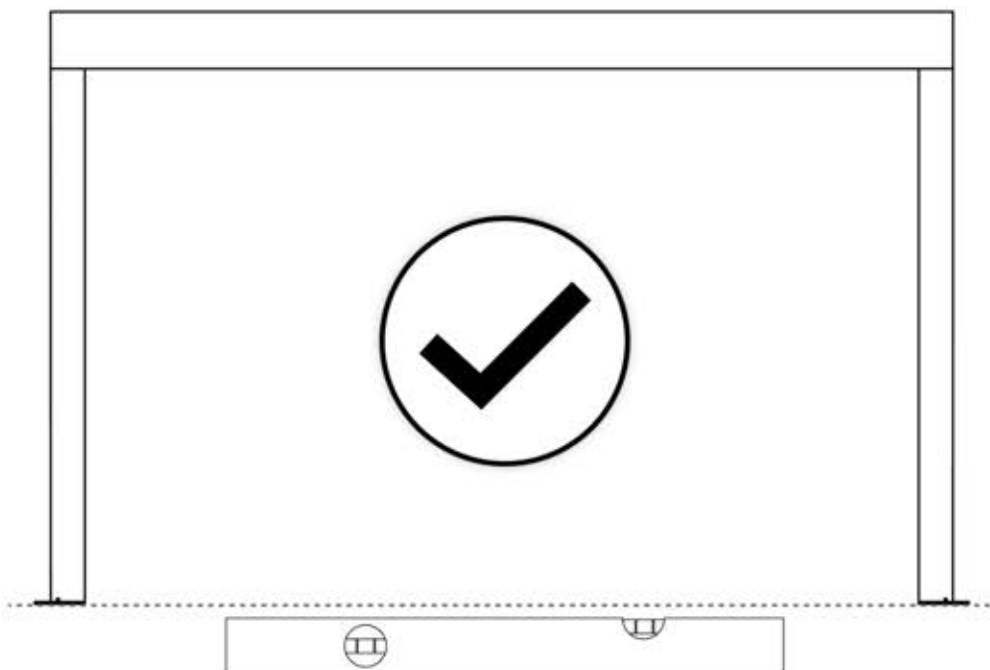
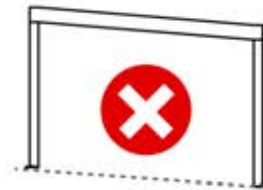
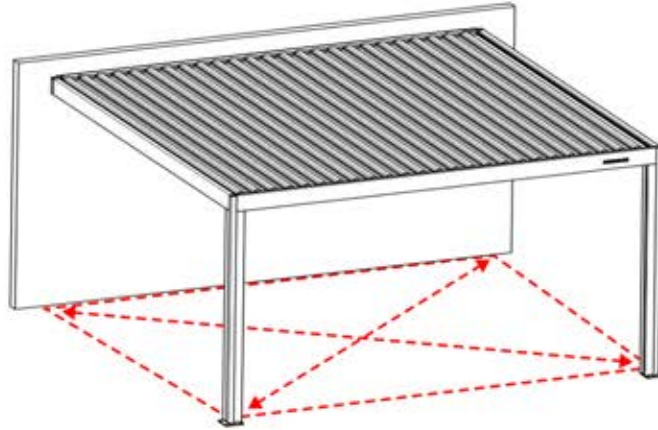
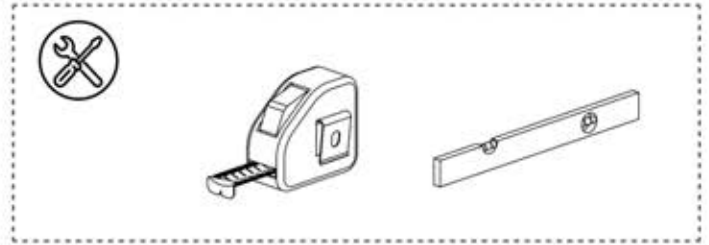



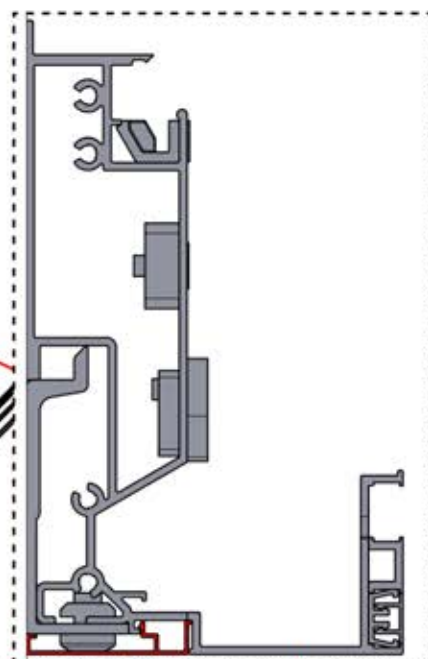
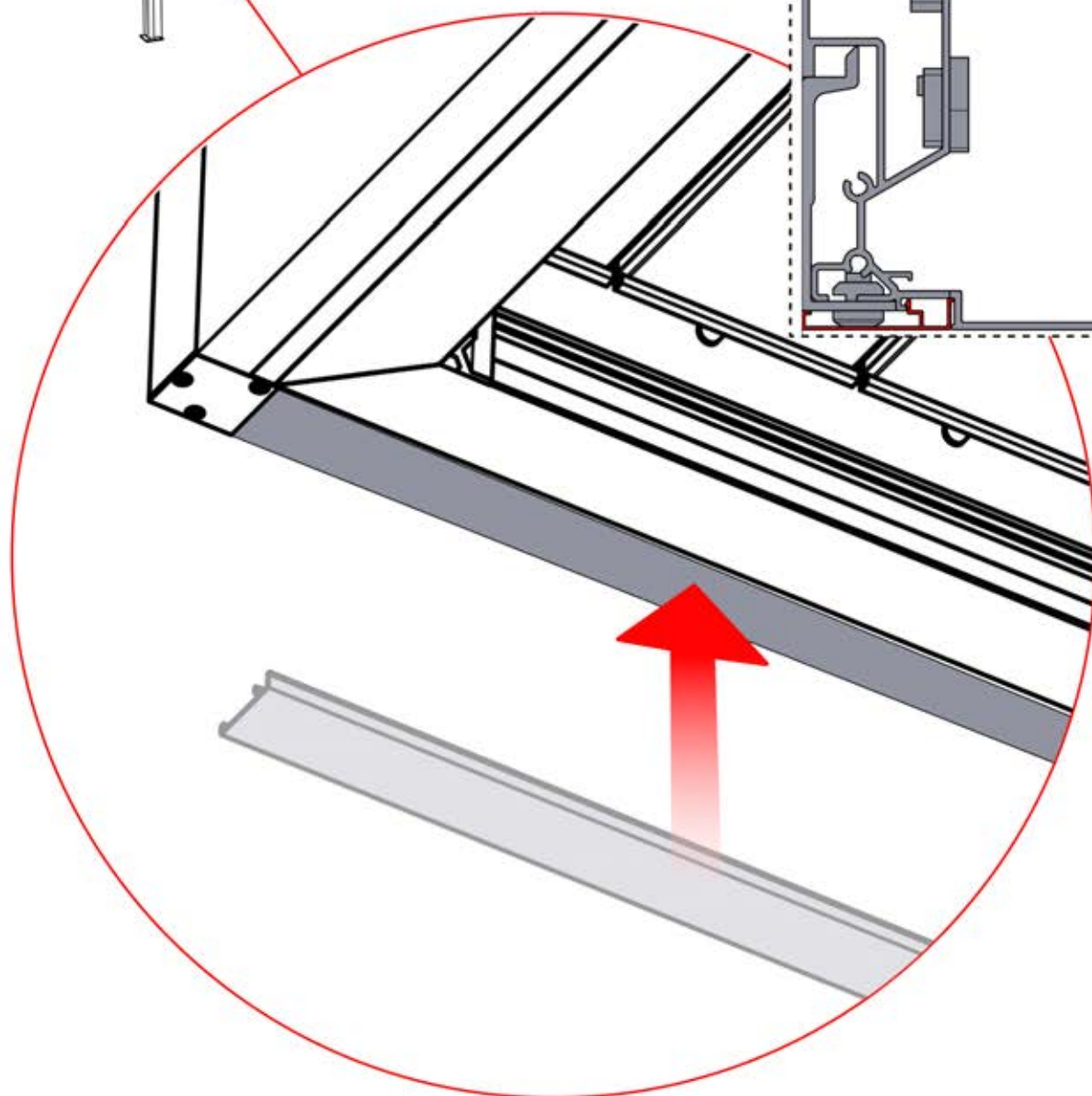
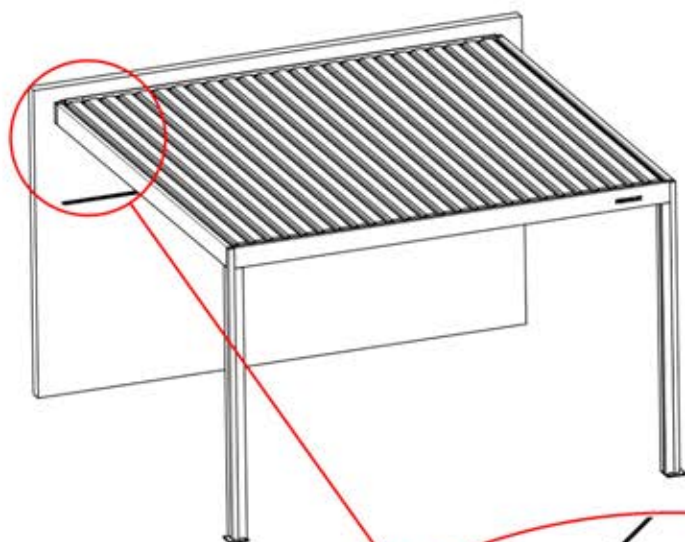
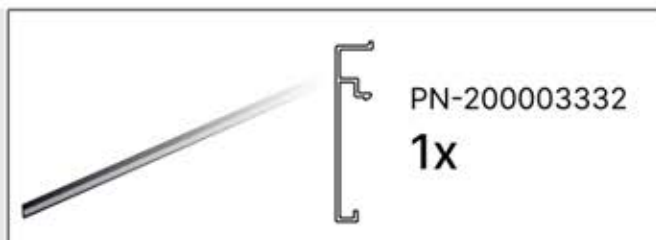
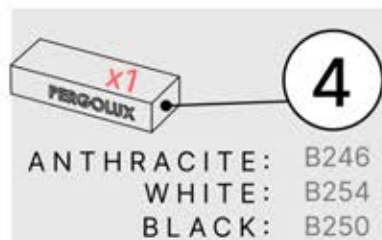
61



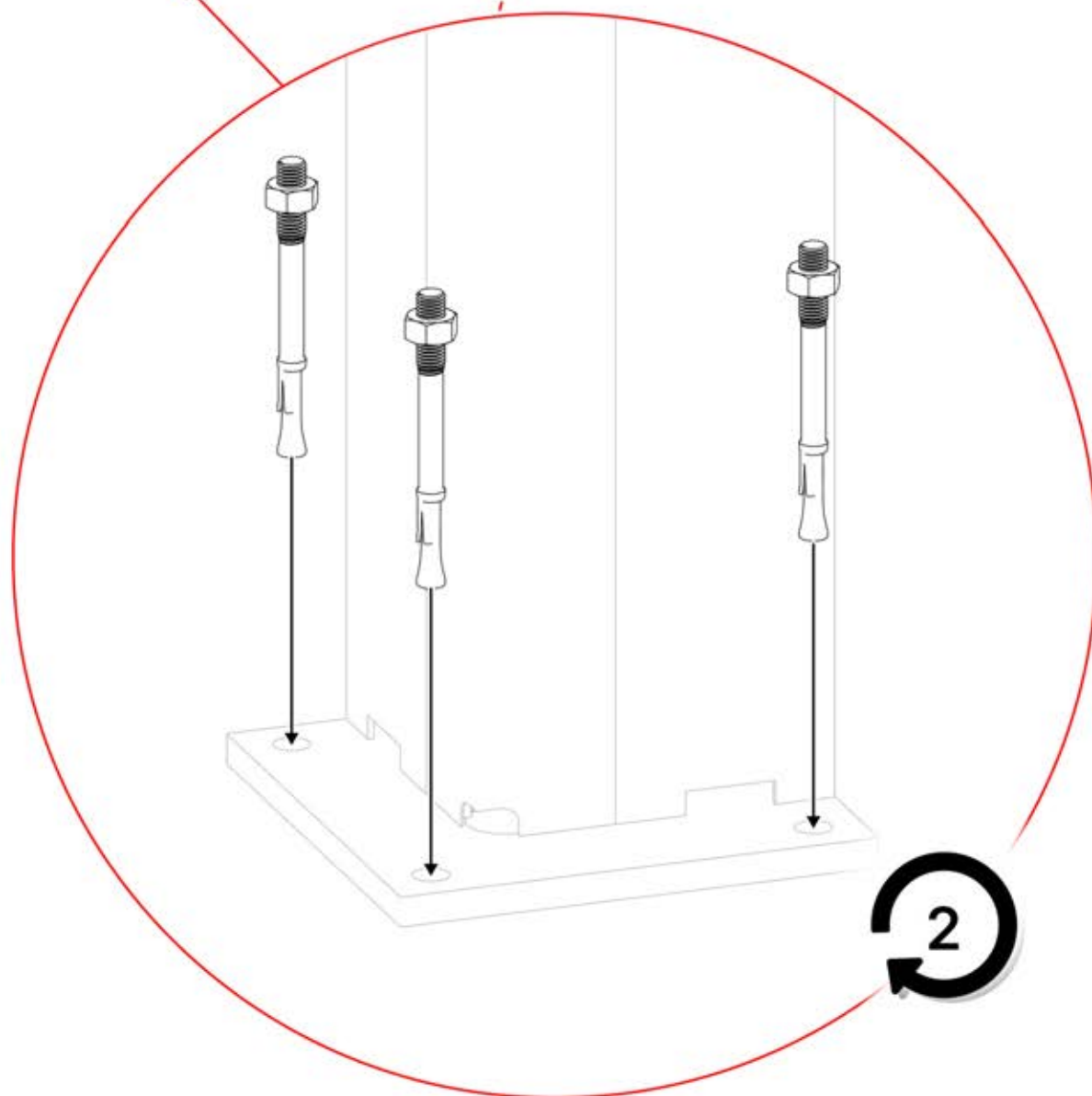
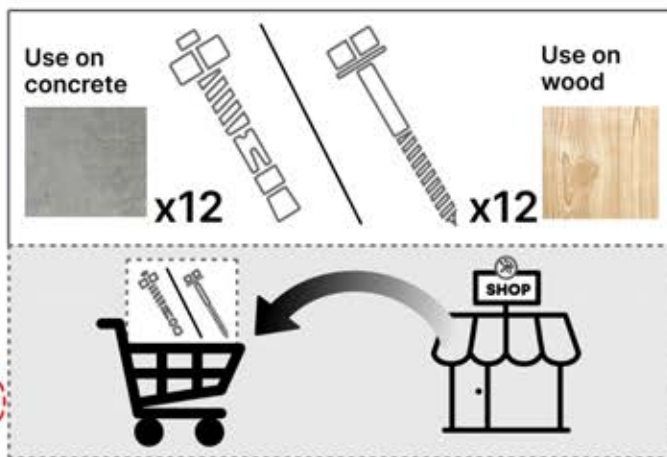
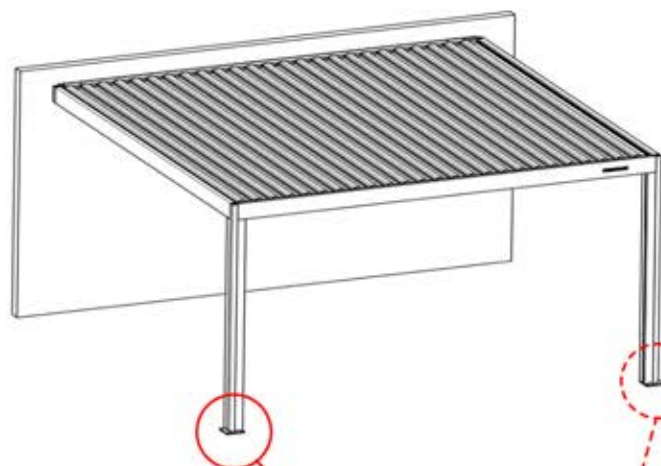
62



63

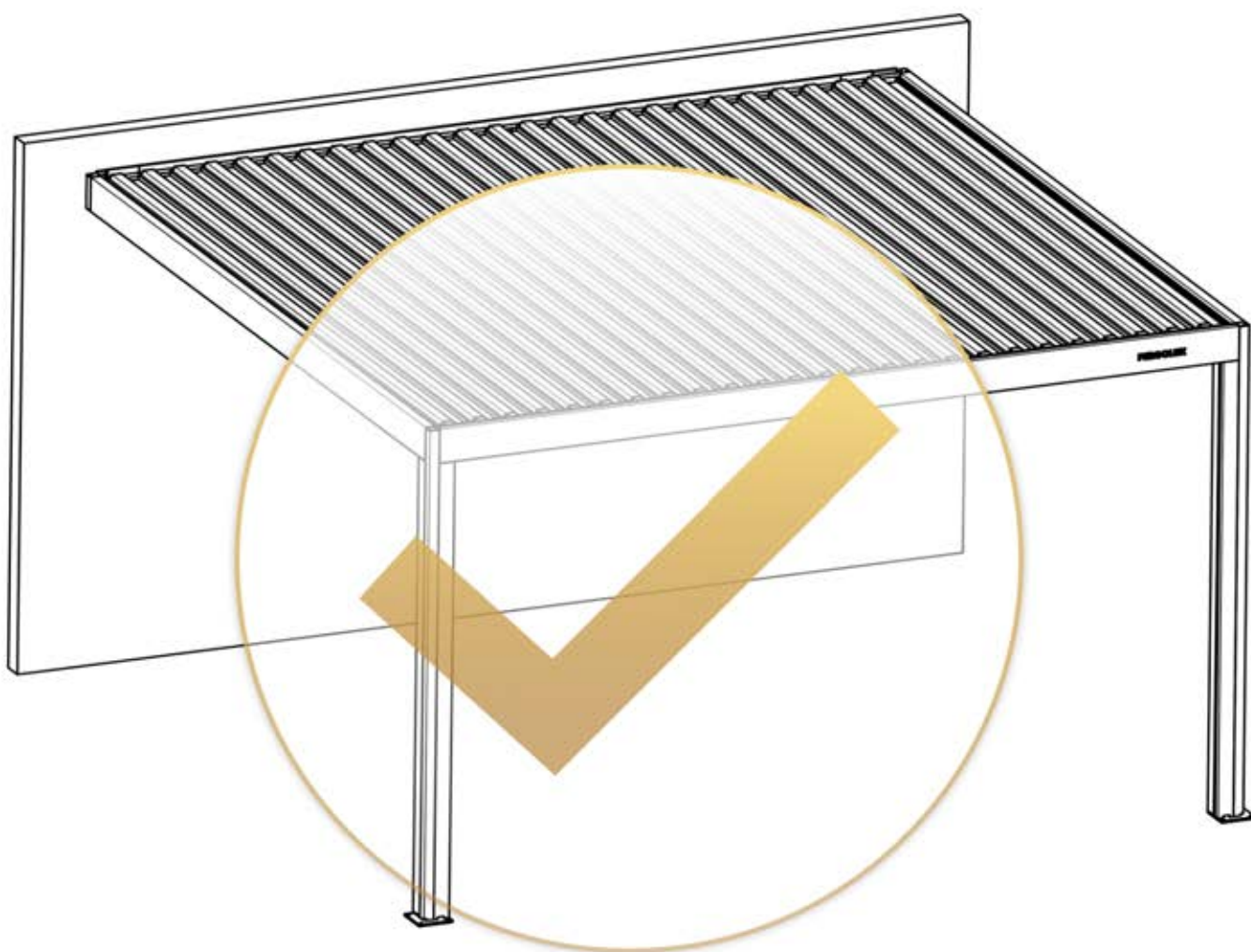


64



PERGOLUX | PERGOLA PRO WALL MOUNTED S4

3X5M / 10'x16'



Type Approved
Regular
Production
Surveillance

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