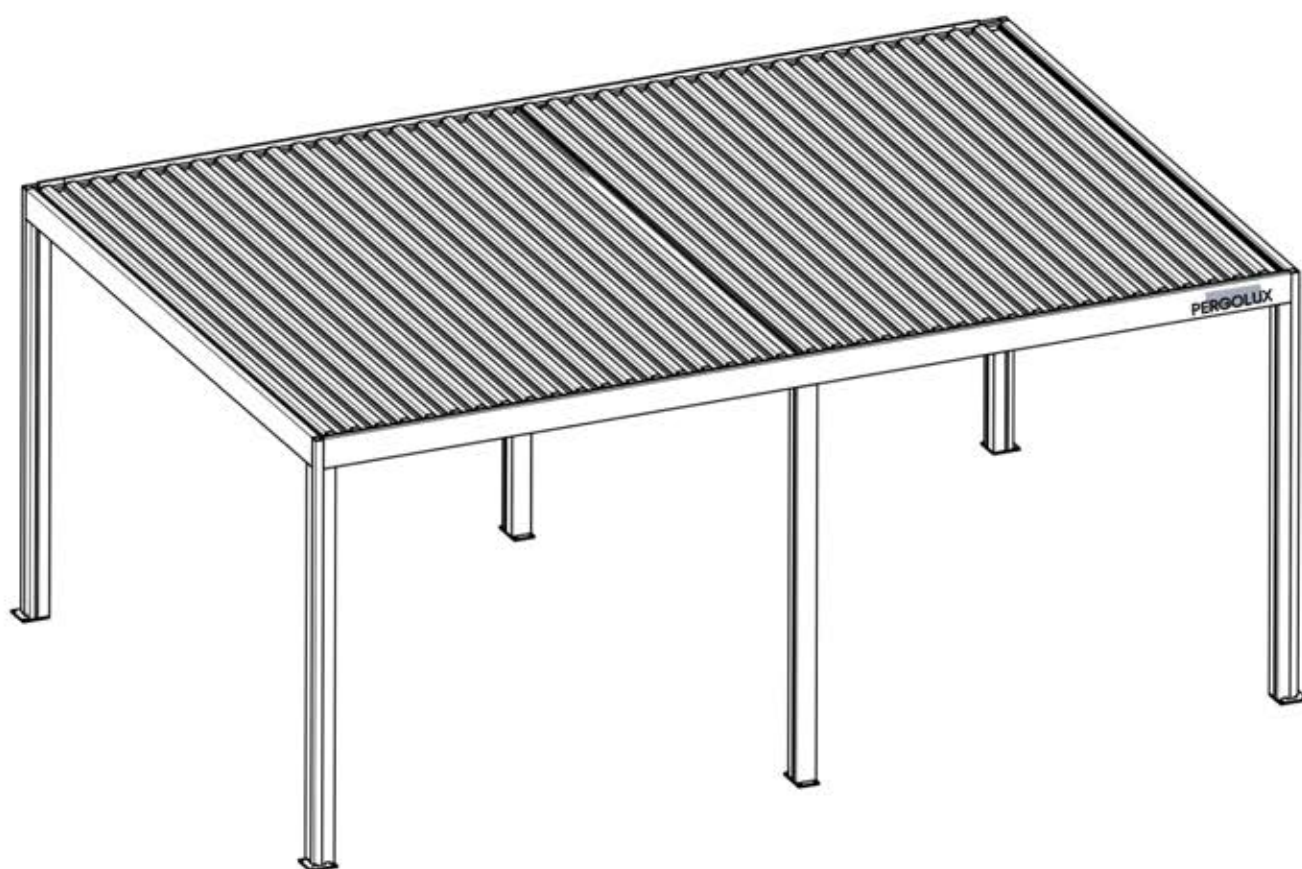


S4

PERGOLA

PRO



3×6m/10'x19'
FREESTANDING

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

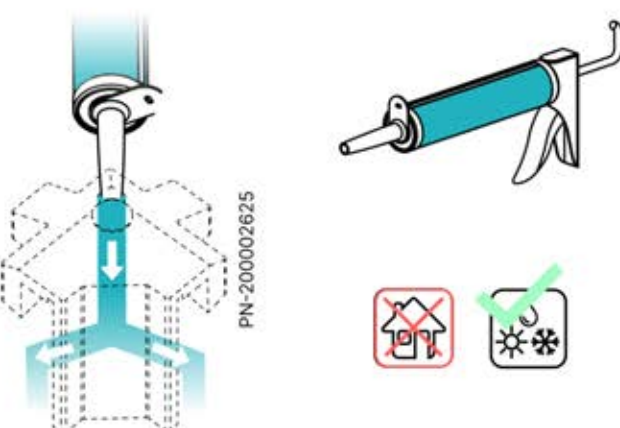


Motor



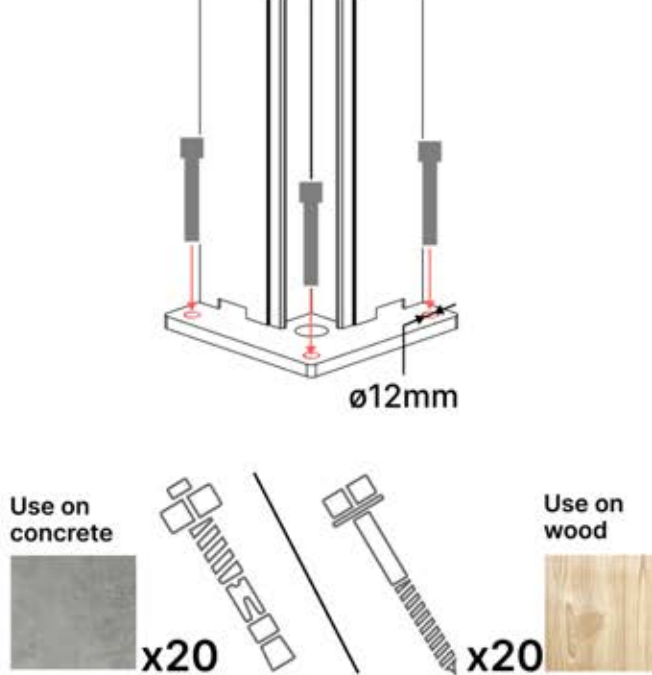
Turn around

INFORMATION



PN-200002625

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

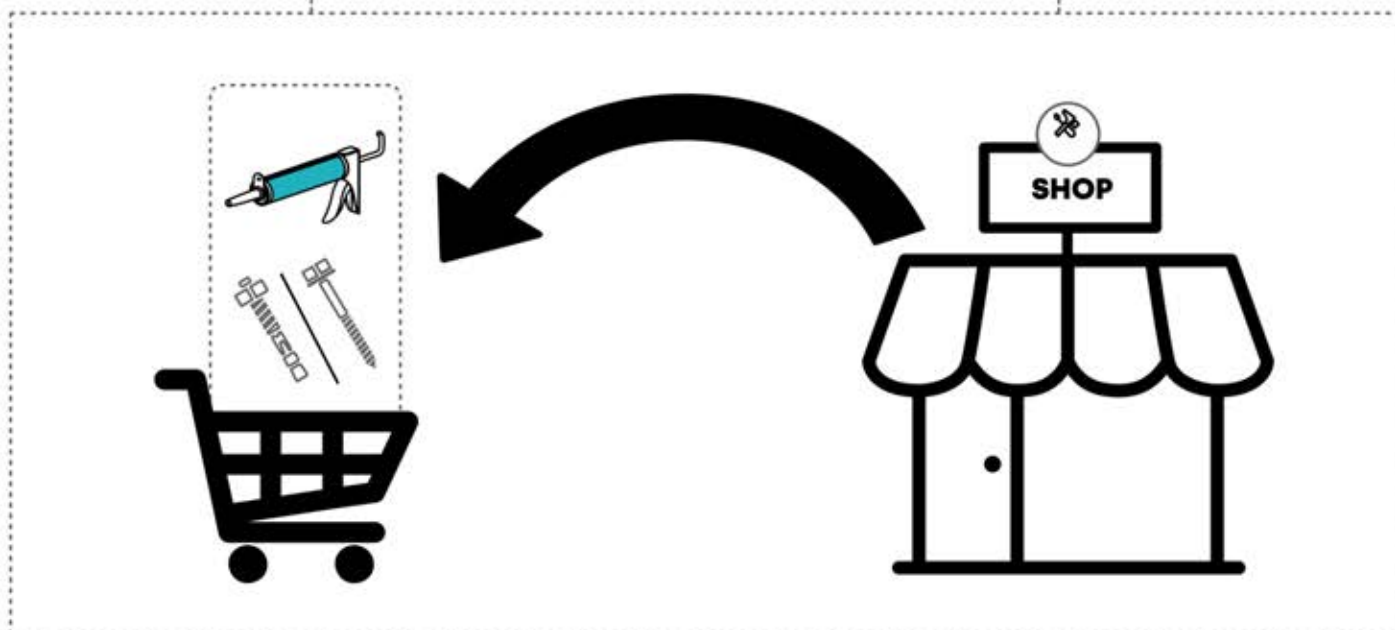
Use on concrete

x20

Use on wood

x20

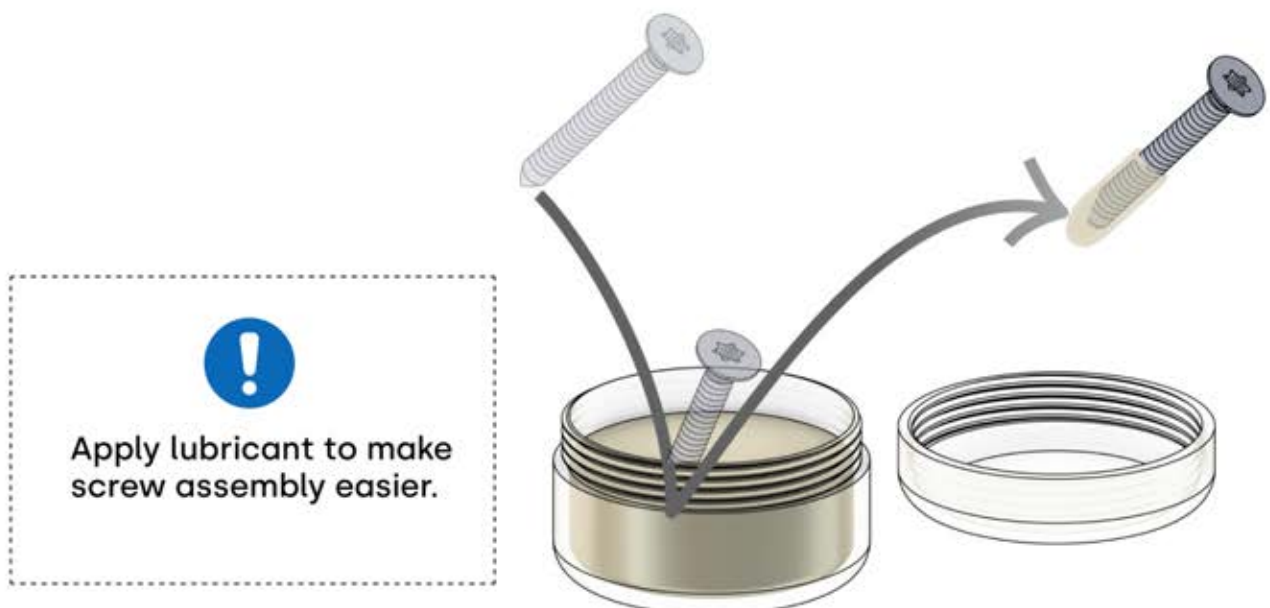
You need to buy your needed screws to attach the pergola to the ground



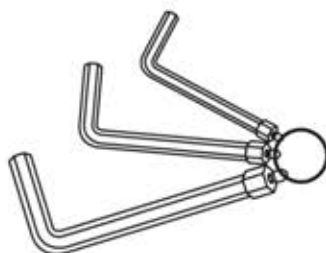
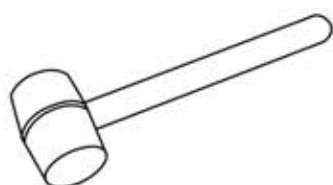
INFORMATION

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

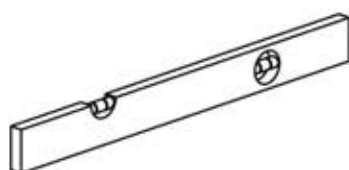
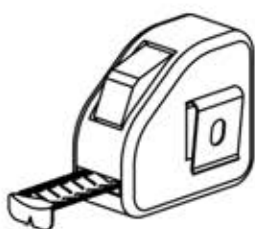
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION



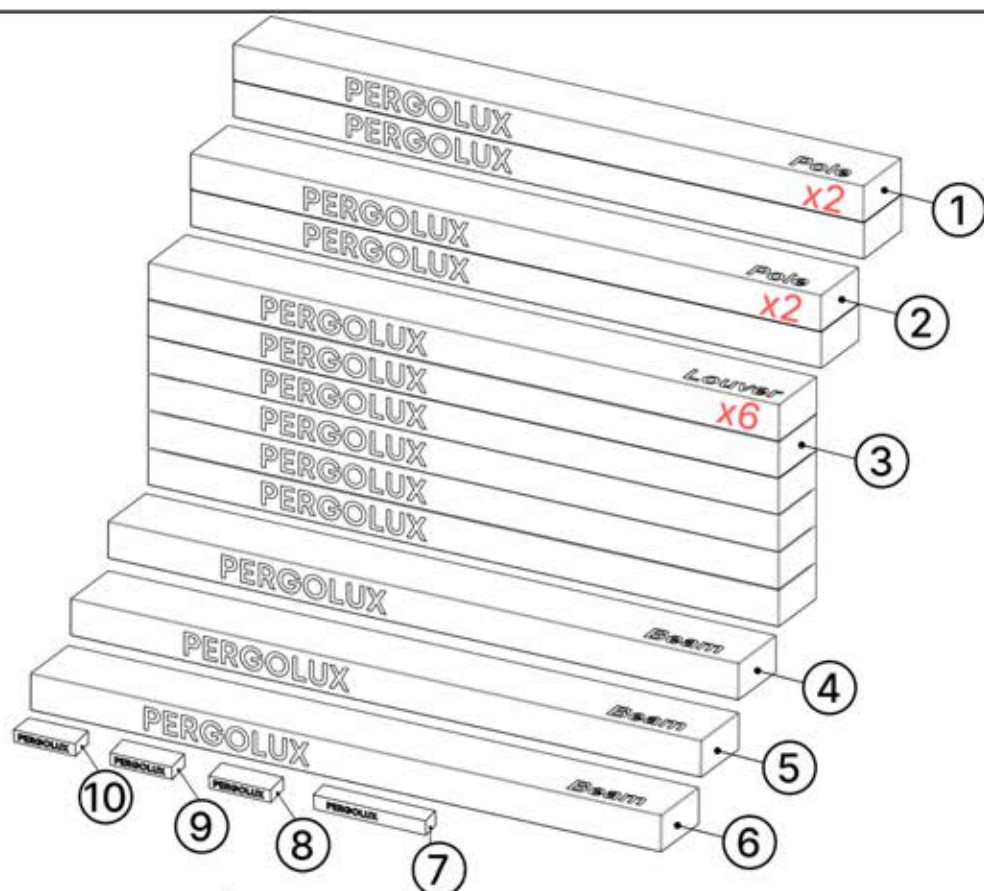
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

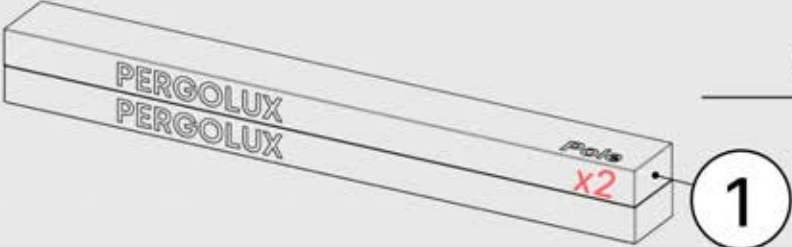


PACKAGE OVERVIEW

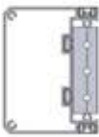
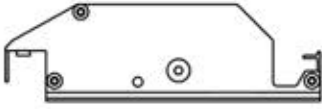


ORDER	ANTHRACITE	WHITE	BLACK
①	C120	C122	C121
②	C123	C125	C124
③	L215	L219	L217
④	B235	B243	B239
⑤	B256	B260	B258
⑥	B268	B272	B270
⑦	MOTOR		
⑧	WHITE / RGB LED		
⑨	CONTROL BOX		
⑩	POWER CABLE		

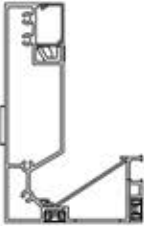
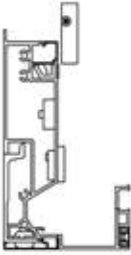
ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	C120	C122	C121
 	 	PN-200002606 4x	PN-200003386 4x
		PN-200002614 4x	

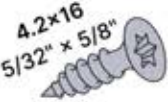
ITEMS IN BOX

				ANTHRACITE WHITE BLACK		
				C123	C125	C124
					PN-200002782	2x
					PN-200002783	2X
					PN-200002785	2x
				ANTHRACITE WHITE BLACK		
				L215	L219	L217
					PN-200002629	36x

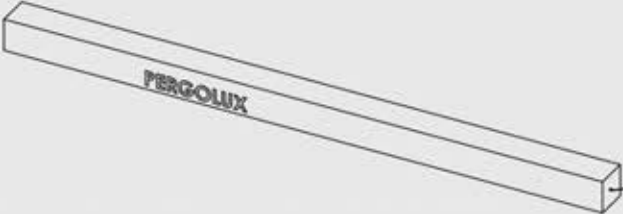
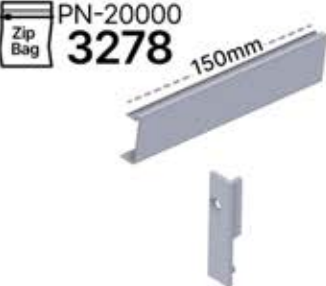
ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	4	B235	B243 B239
		PN-200003355 1x	
		PN-200002862 1x	
		PN-200002867 1x	
		PN-200002863 1x	
		PN-200002866 1x	

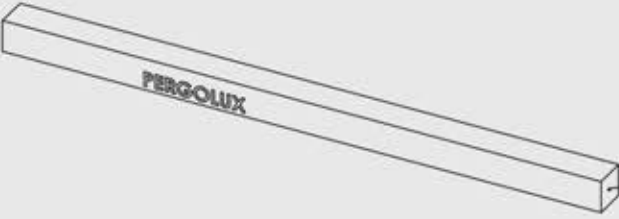
ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
4		B235	B243	B239
		PN-200002865 1x		
		PN-200003380 1x		
Zip Bag PN-20000 3346 5.5x60 7/32" x 2-3/8" 		PN-200000560 28x	Zip Bag PN-20000 3320 	
Zip Bag PN-20000 3414  		PN-200000732 2x PN-200000415 8x	PN-200000731 2x  PN-200000668 4x 	
Zip Bag PN-20000 3282 		PN-200001514 4x	PN-200000840 12x 	
Zip Bag PN-20000 3279 		PN-200000568 32x	Zip Bag PN-20000 3483 	
			PN-200003385 2x	

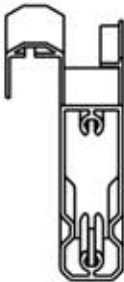
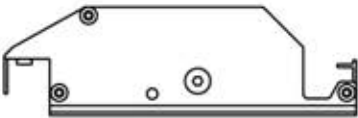
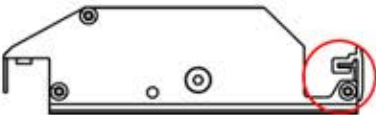
ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		B235	B243	B239
4				
	PN-200003033 2x			PN-200003031 1x
	PN-200003030 1x			PN-200001207 2x
	PN-200000507 4x			PN-200002618 4x
	PN-200000569 8x			PN-200000571 4x
	PN-200000568 4x			
	PN-200000507 4x			PN-200002618 4x
	PN-200000569 8x			PN-200000571 4x
	PN-200000568 4x			
	PN-200000507 4x			PN-200002618 4x
	PN-200000569 8x			PN-200000571 4x
	PN-200000568 4x			
	PN-200002617 4x			PN-200002625 4x
	PN-200002617 4x			PN-200002625 4x
	PN-200002622 4x			PN-200000680 8x

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
4		B235	B243	B239
 PN-20000 3371  PN-200003372 1x  PN-200001946 1x  PN-200000502 1x  PN-200003373 1x  PN-200000561 1x				
 PN-20000 3603  PN-200000826 6x  PN-200001340 1x				
		ANTHRACITE WHITE BLACK		
5		B256	B260	B258
  		  		
		PN-200003290 2x		
		Premounted PN-200002626 2x		
		PN-200003397 2x		

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	6	B268	B272 B270
		PN-200003411 1x	
		PN-200002629 1x	
		PN-200002645 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

S4



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



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

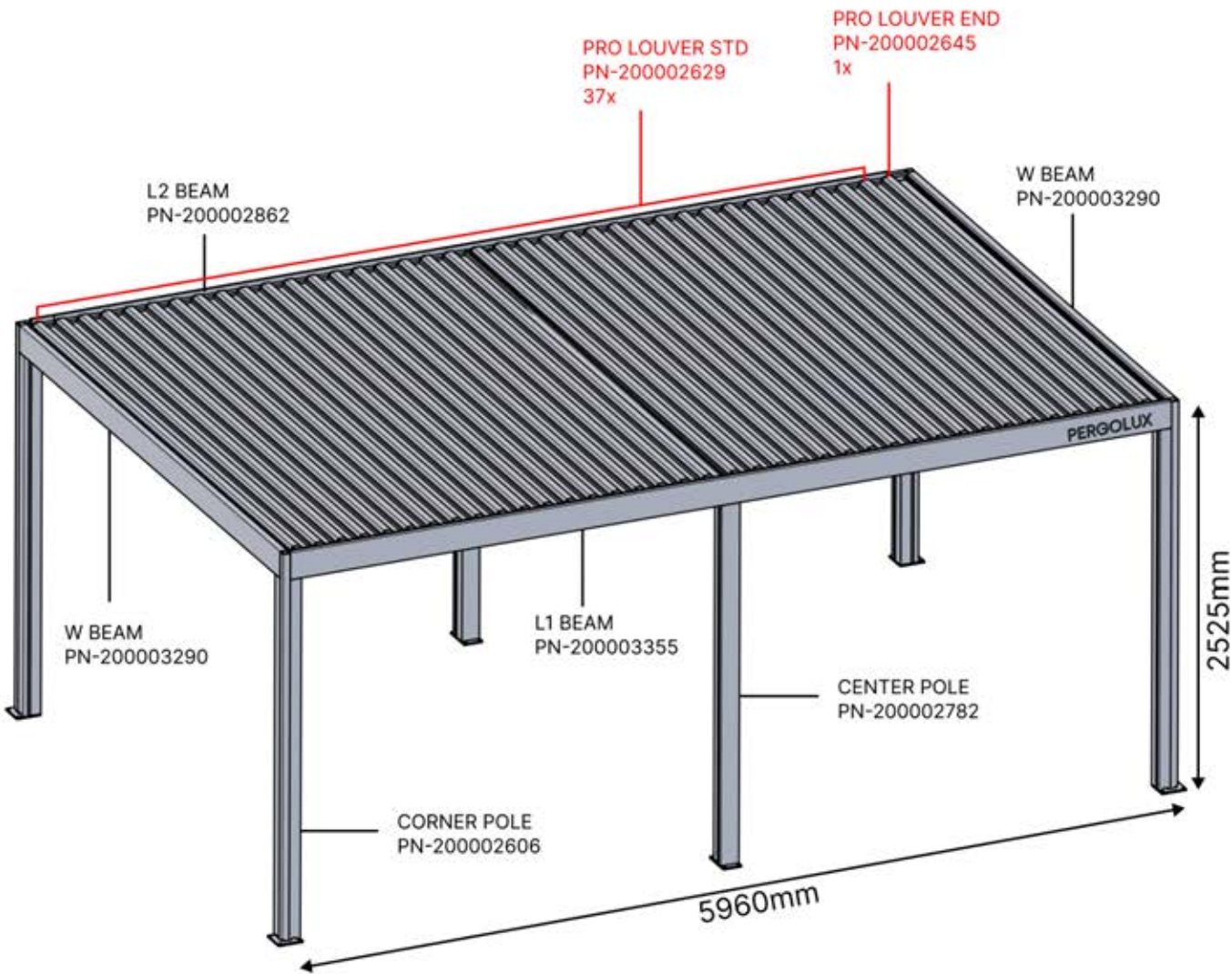


CONTROL BOX

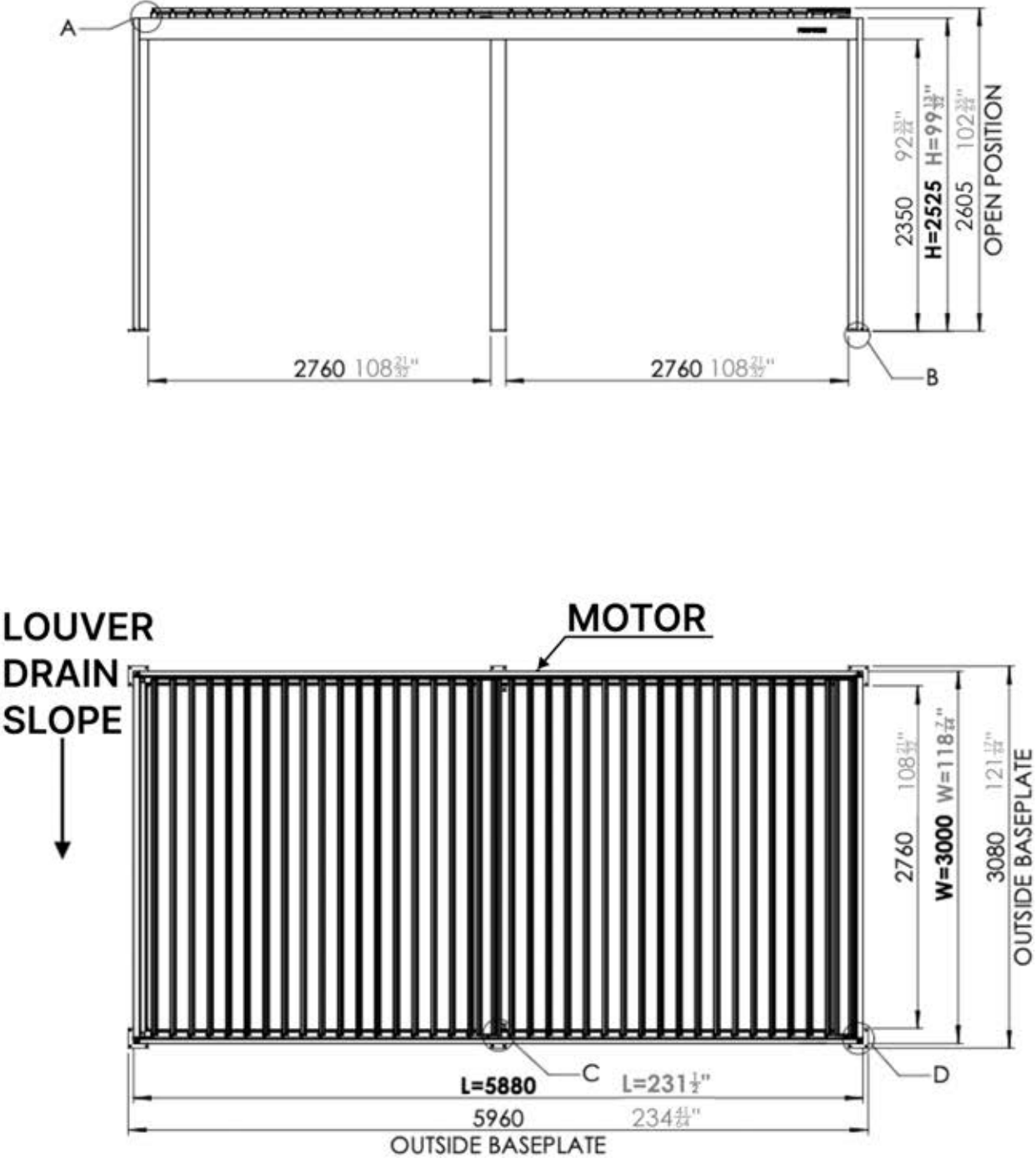
[View Manual](#)

PERGOLUX | PERGOLA PRO FREESTANDING S4

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.

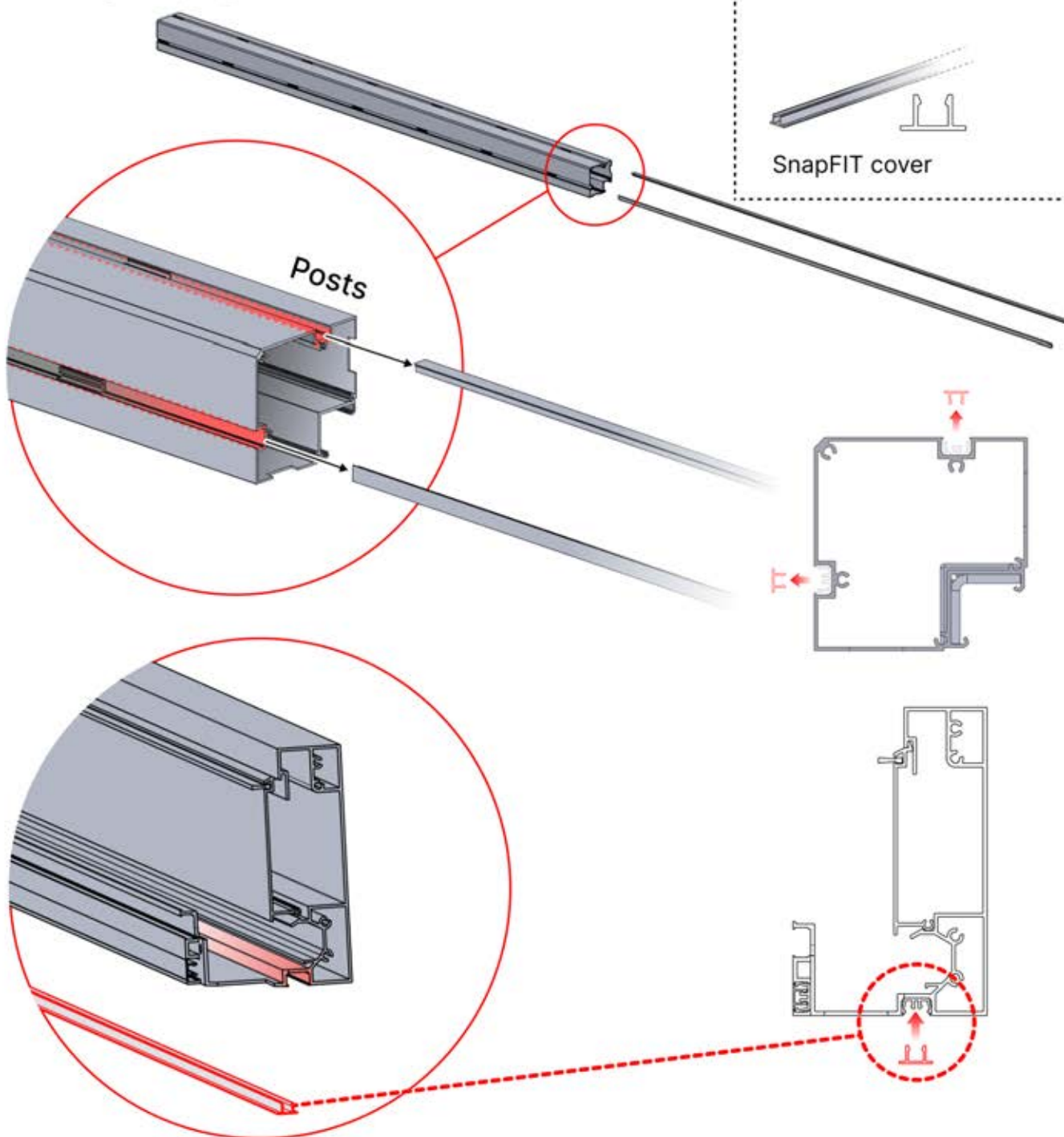
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



INFORMATION

Are you installing a heater, fan or LED lights?

It is recommended to remove both snap-fit covers from the beam now.

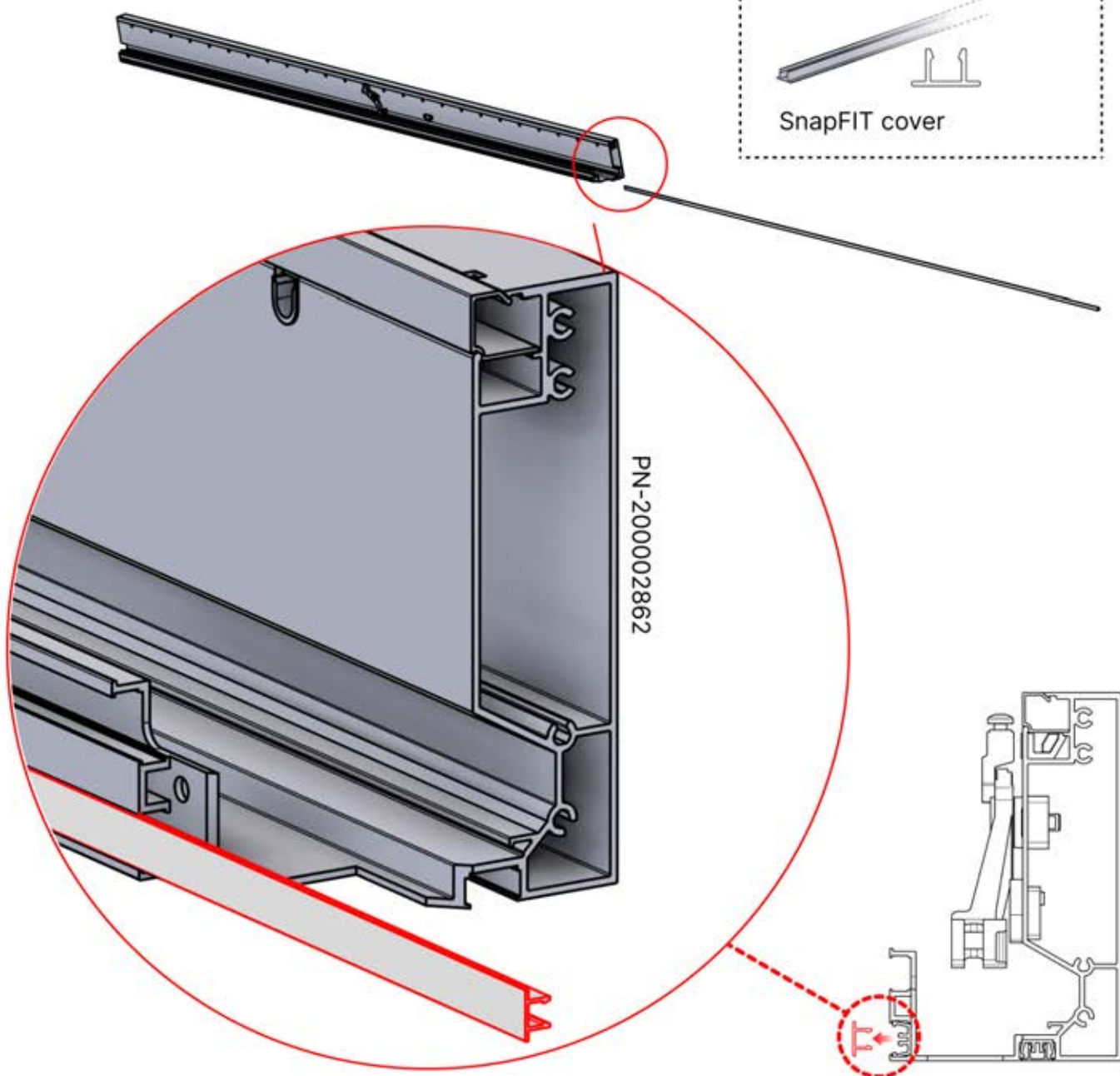
Cover and clips



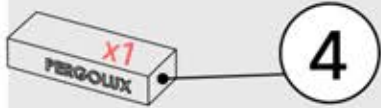
PN-200000512
SnapFIT COVER CLIP



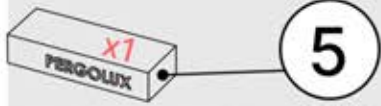
SnapFIT cover



INFORMATION



ANTHRACITE: B235
WHITE: B243
BLACK: B239



ANTHRACITE: B256
WHITE: B260
BLACK: B258



PN-200003290

2x



PN-200003355

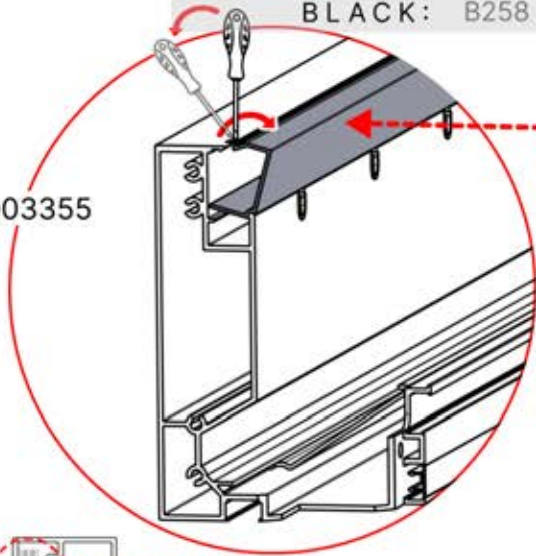
1x



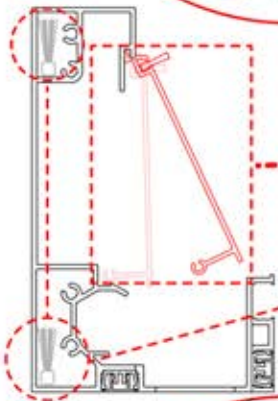
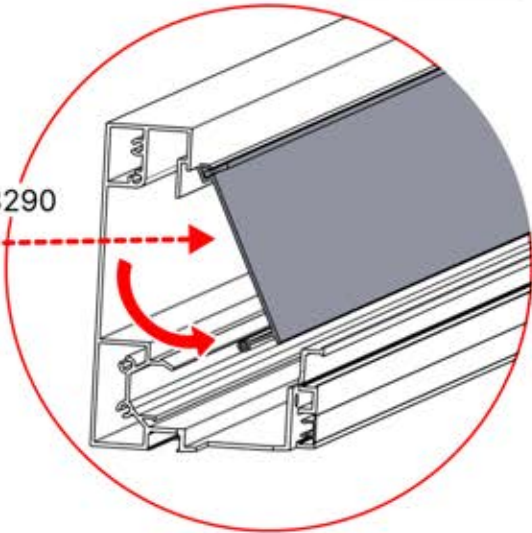
PN-200002862

1x

PN-200003355

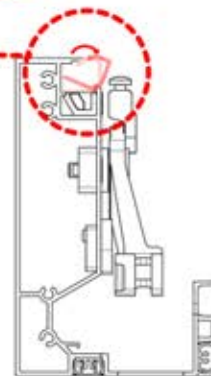
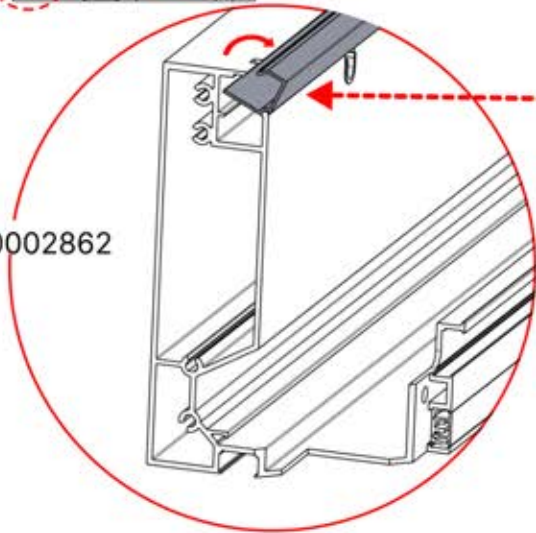


PN-200003290



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

PN-200002862

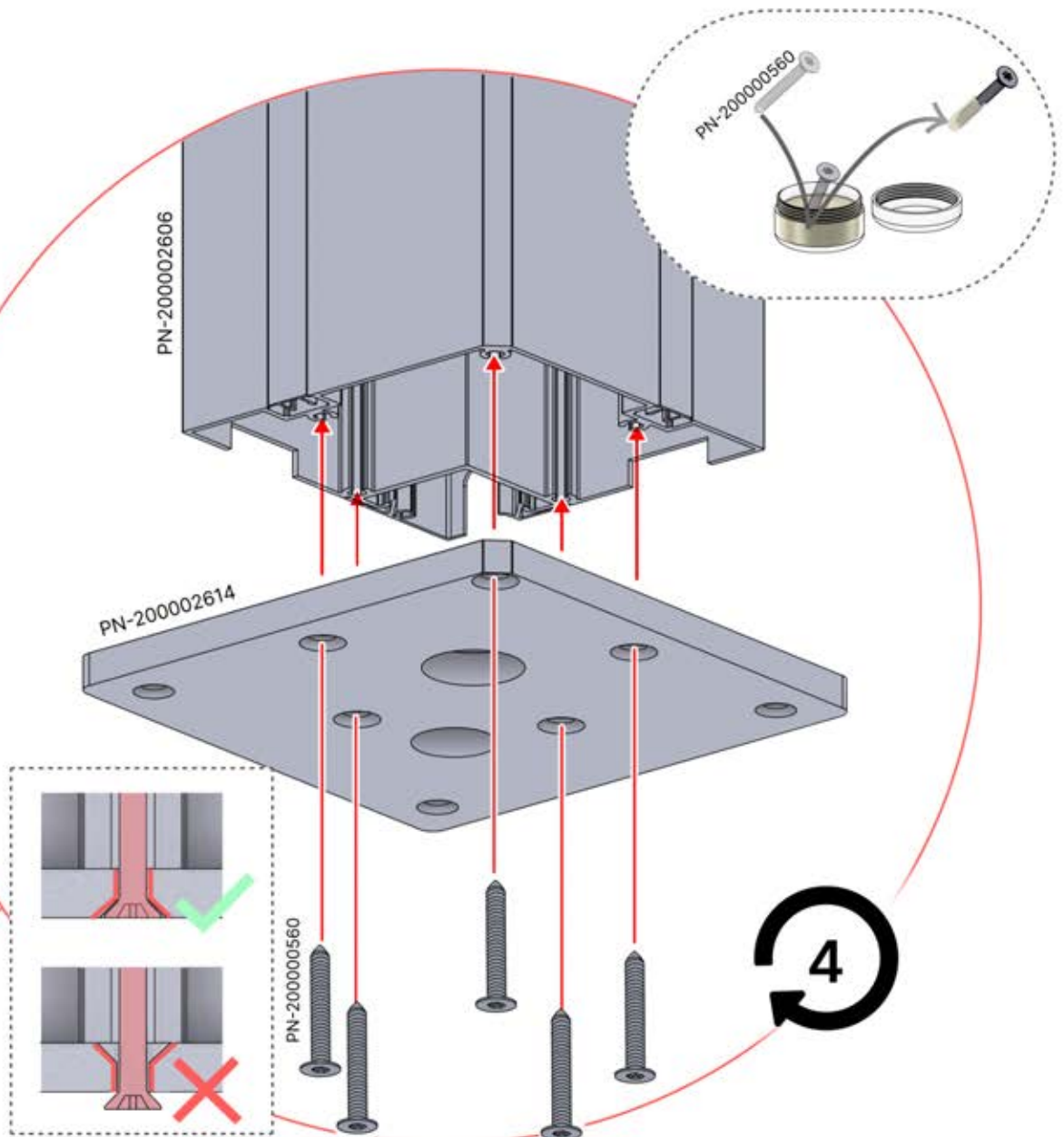
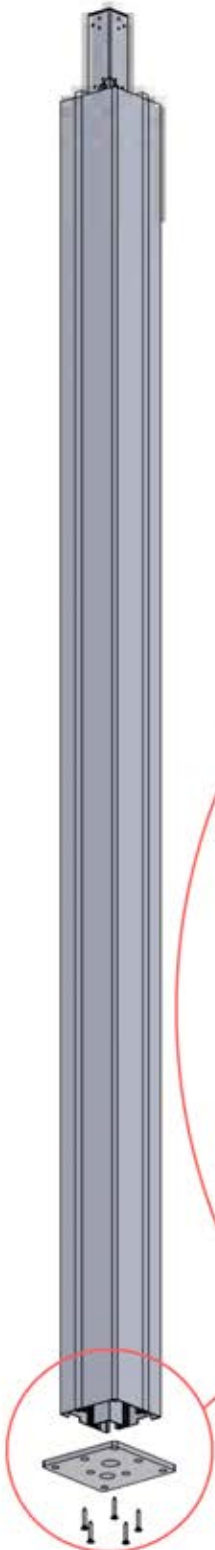


Block 1 (x2):

- ANTHRACITE: C120
- WHITE: C122
- BLACK: C121

Block 4 (x1):

- ANTHRACITE: B235
- WHITE: B243
- BLACK: B239



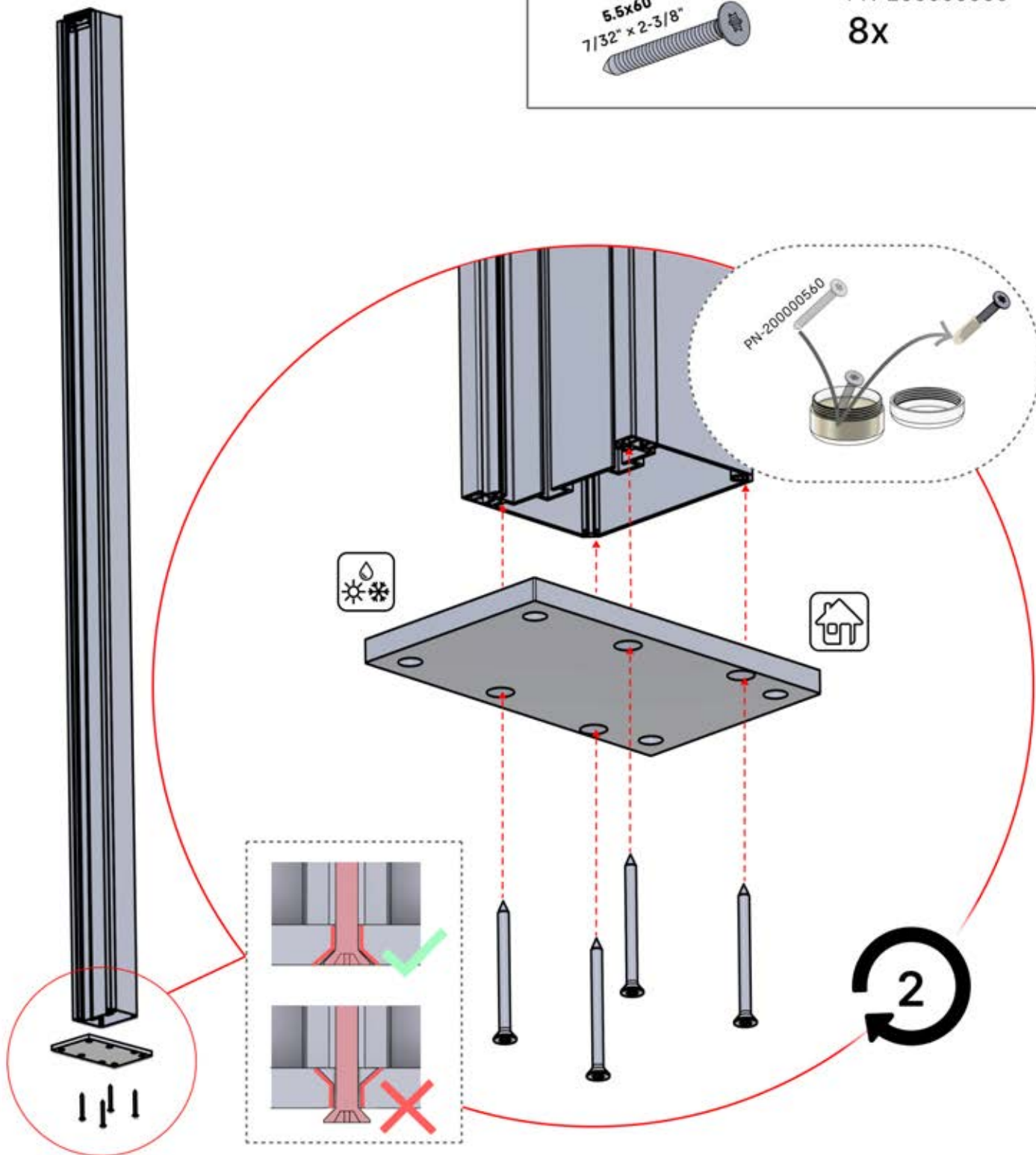
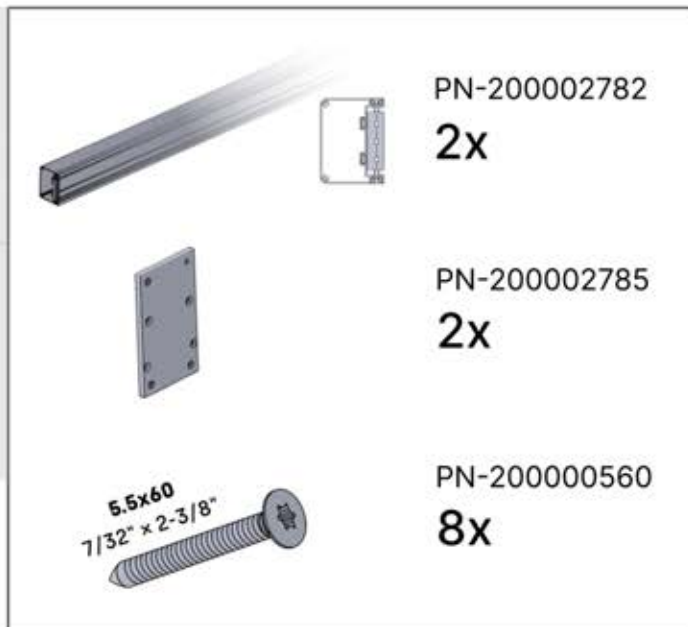
02



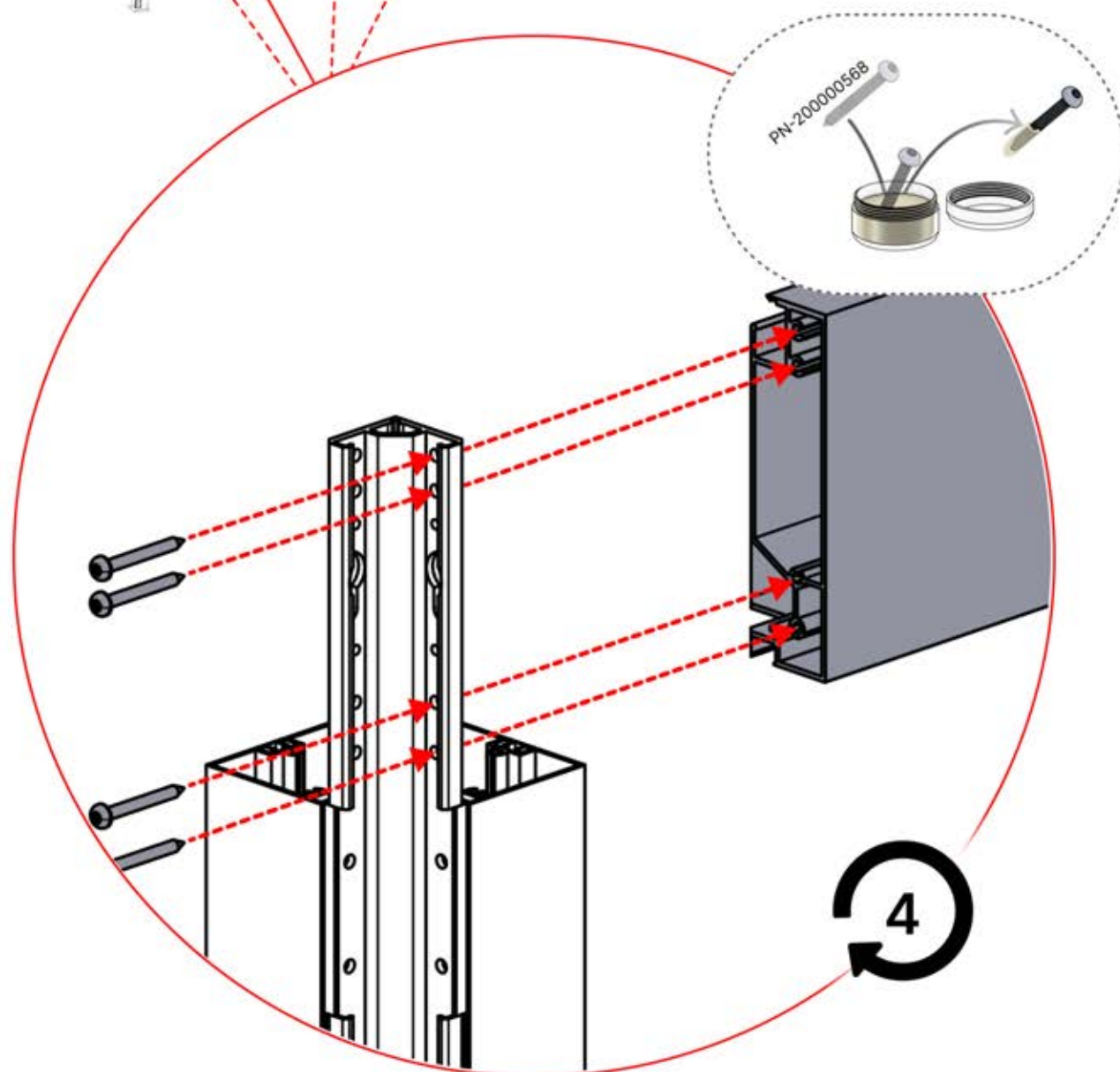
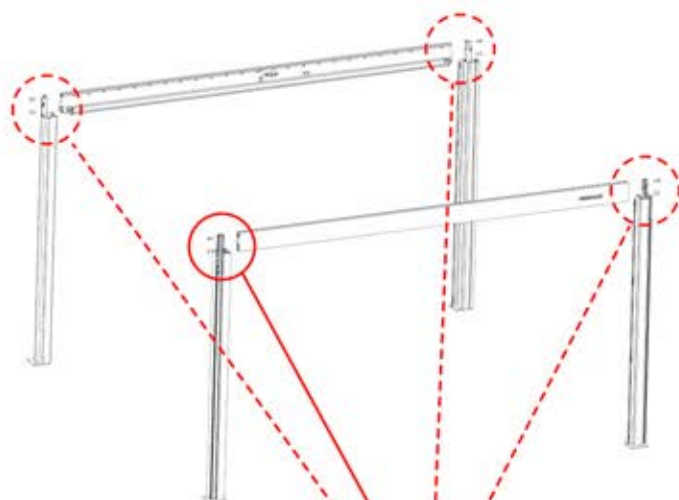
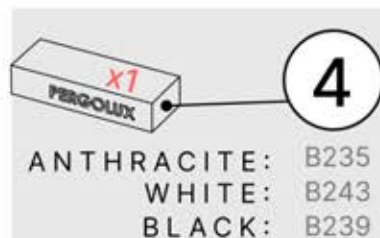
ANTHRACITE: C123
WHITE: C125
BLACK: C124



ANTHRACITE: B235
WHITE: B243
BLACK: B239



03



04



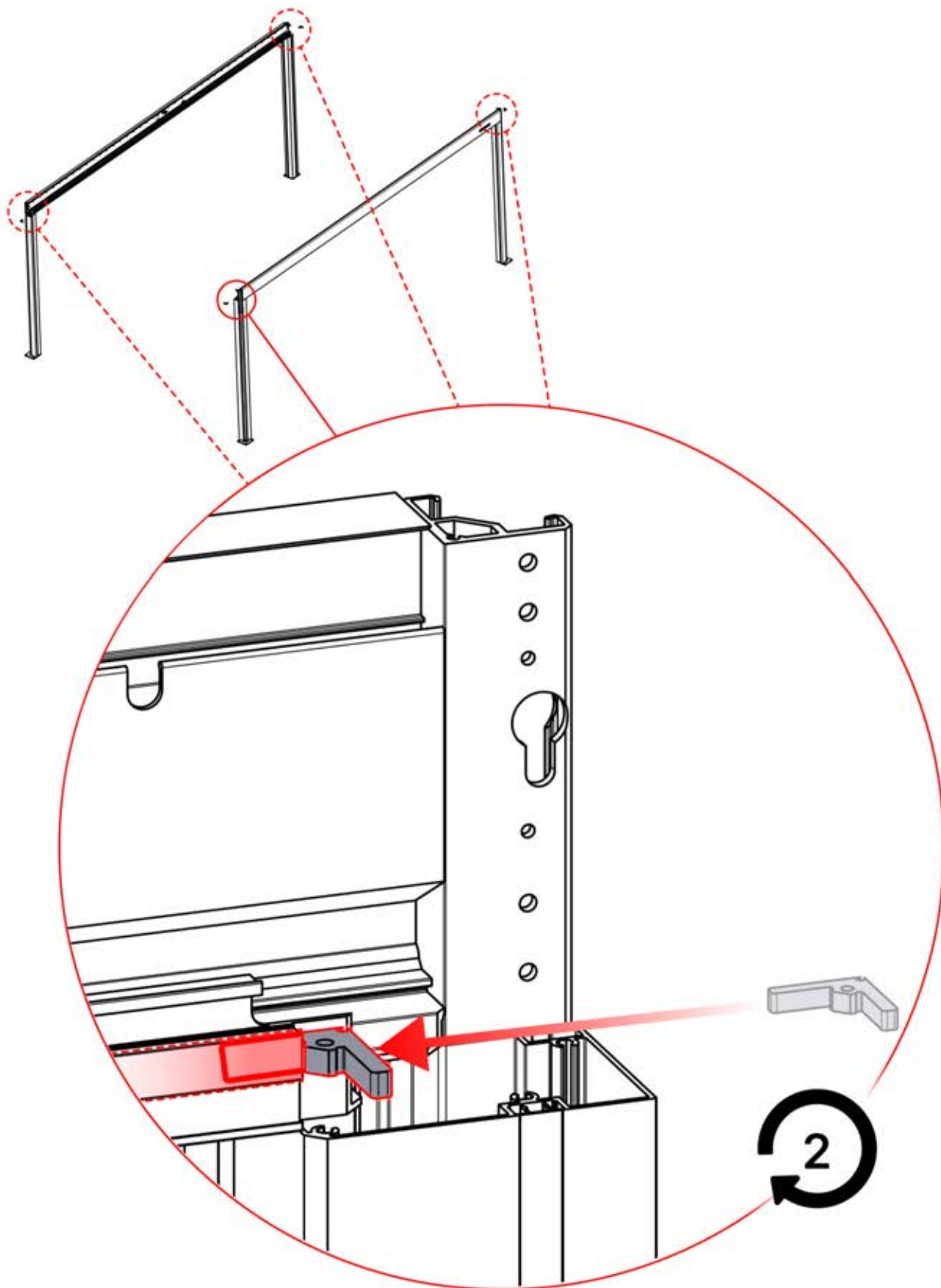
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

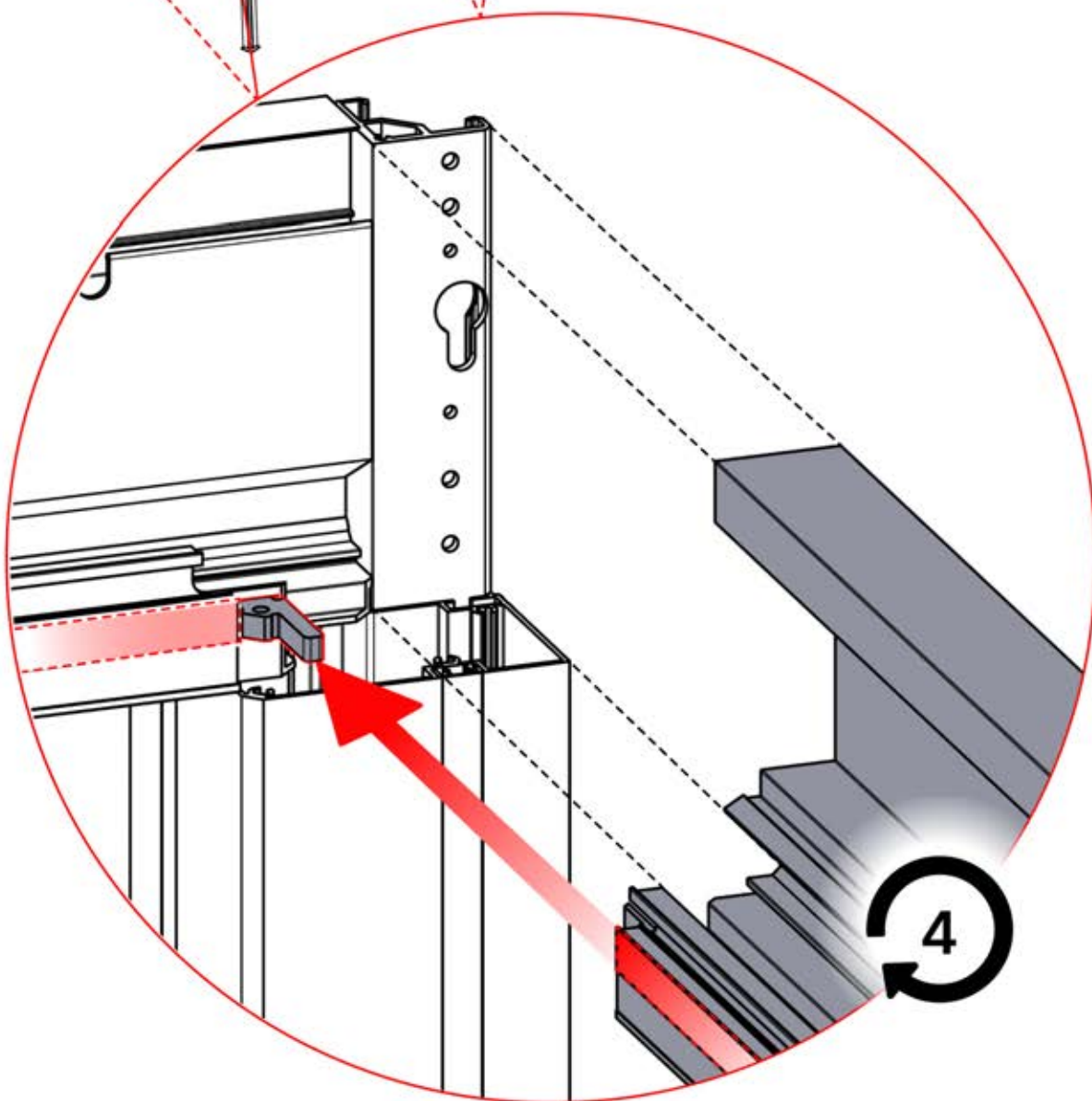
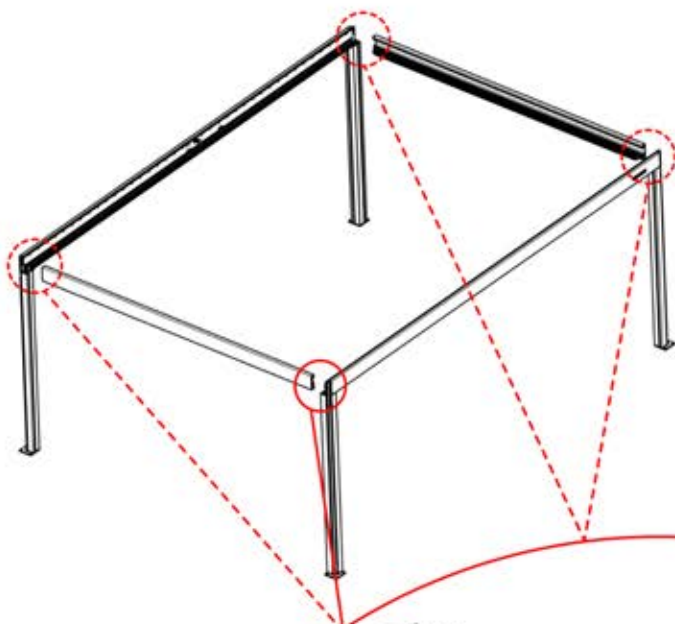
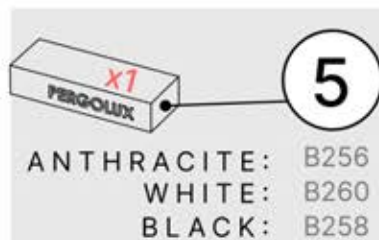


PN-200000507

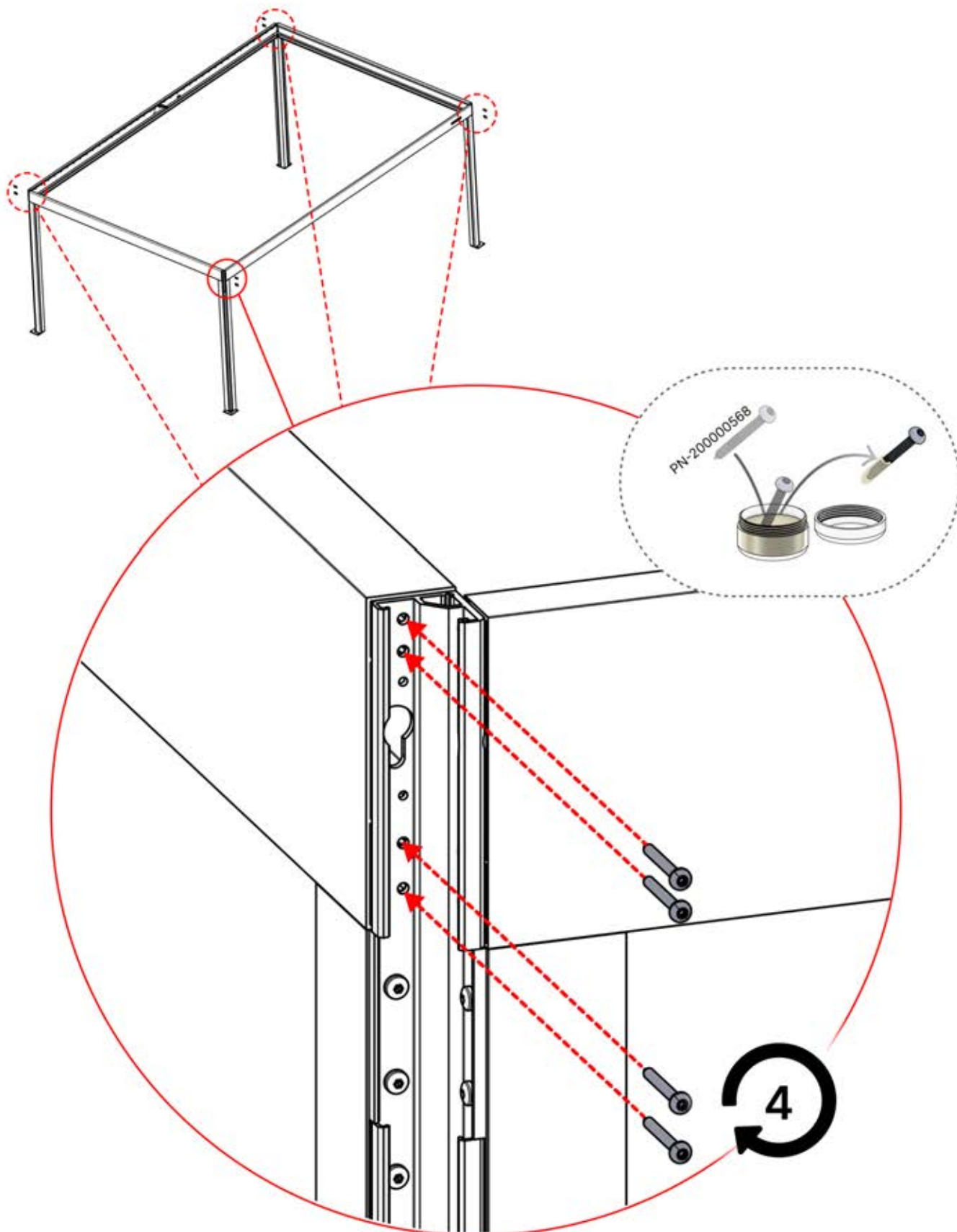
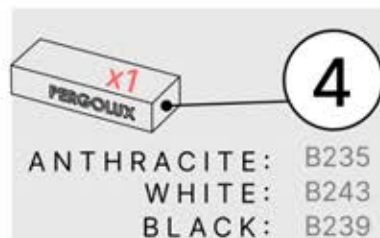
4x



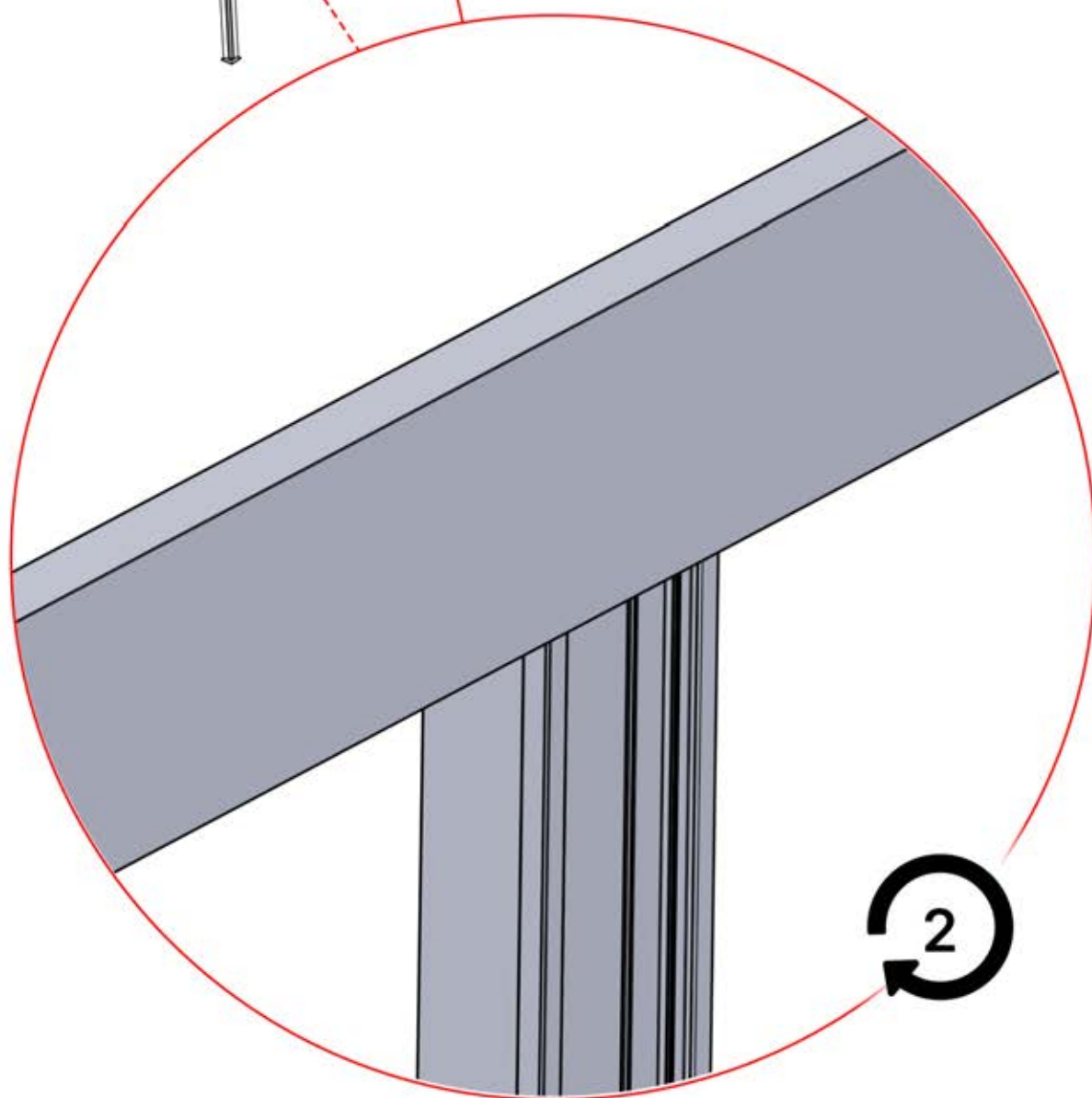
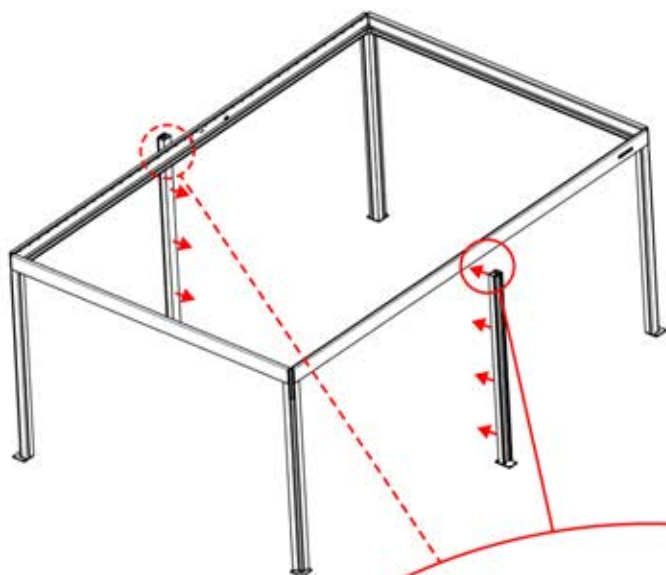
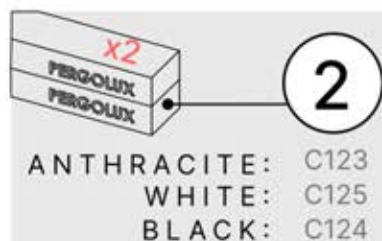
05



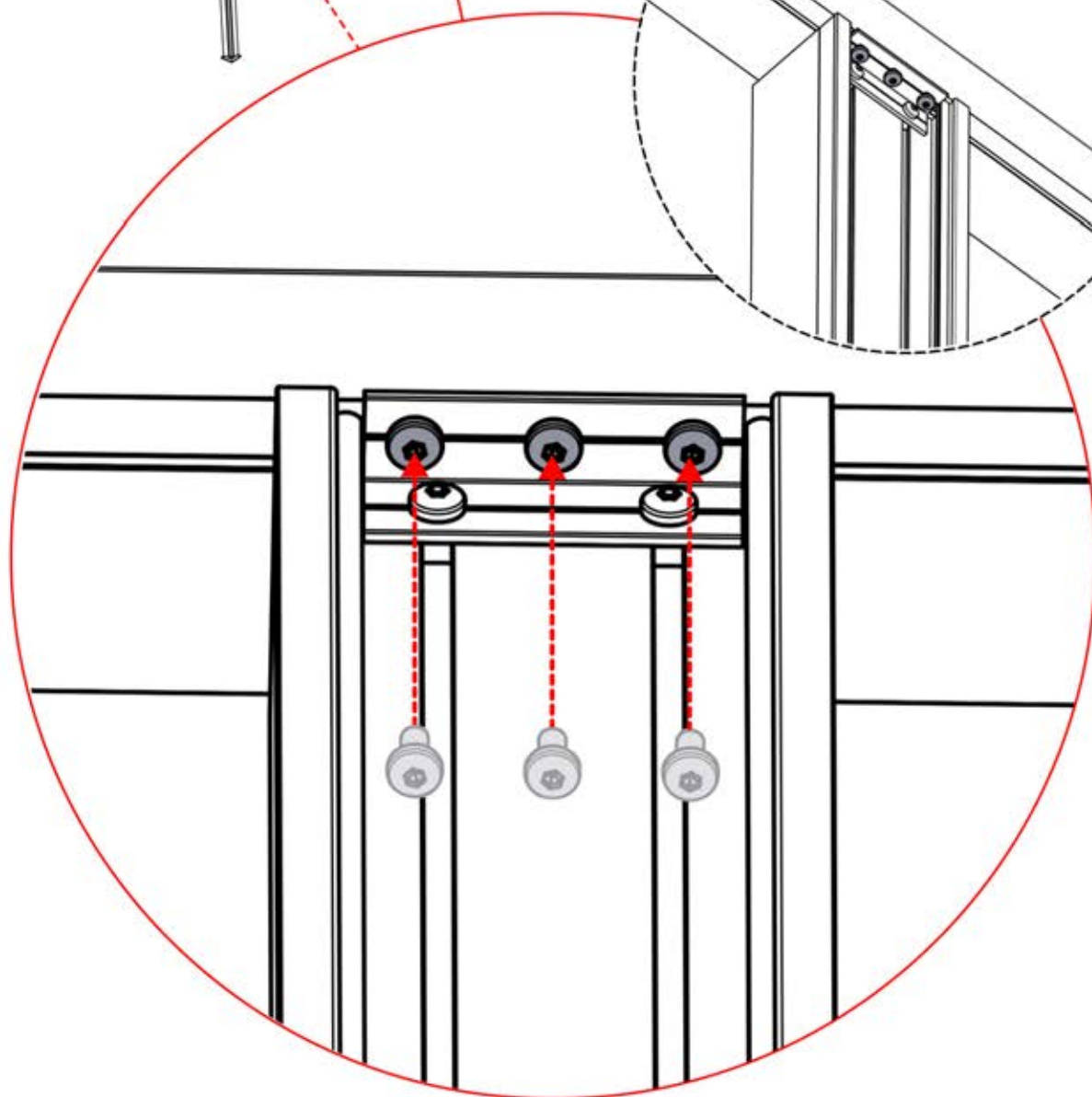
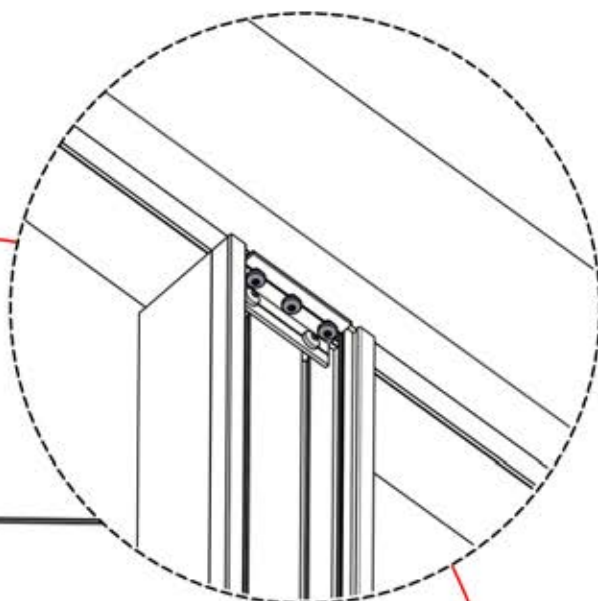
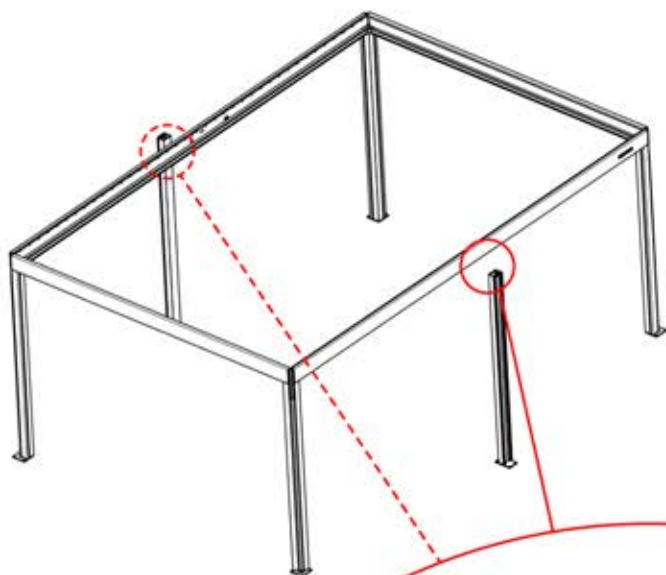
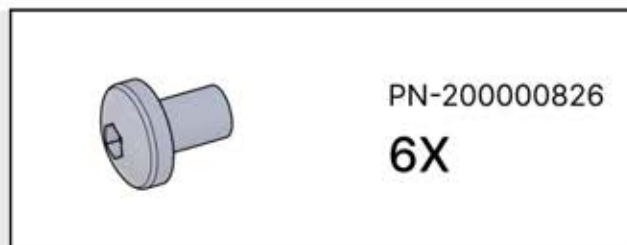
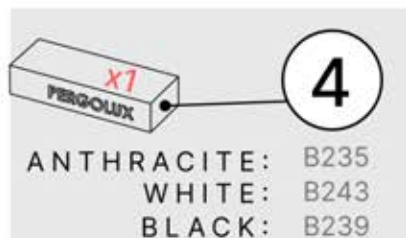
06



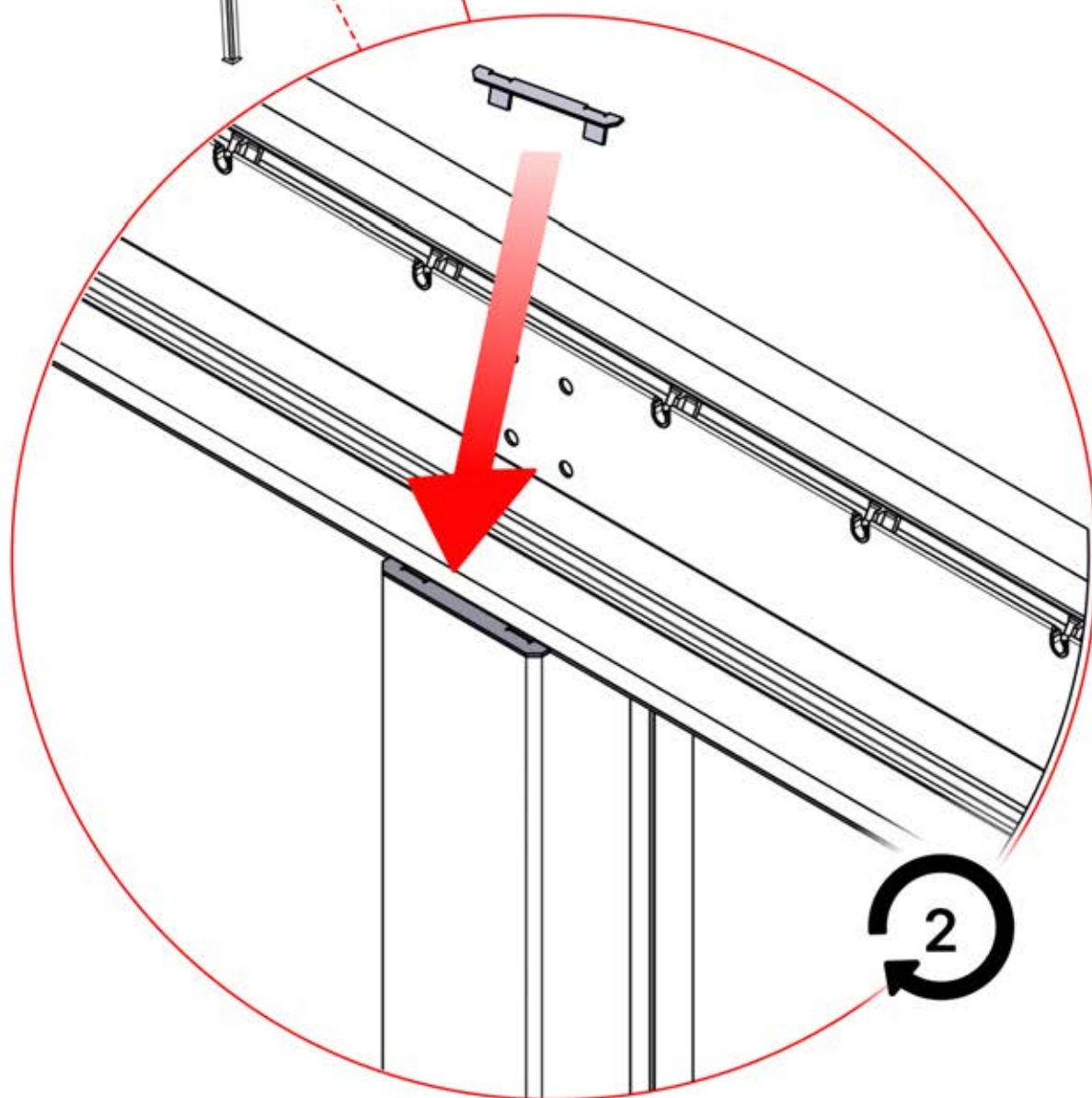
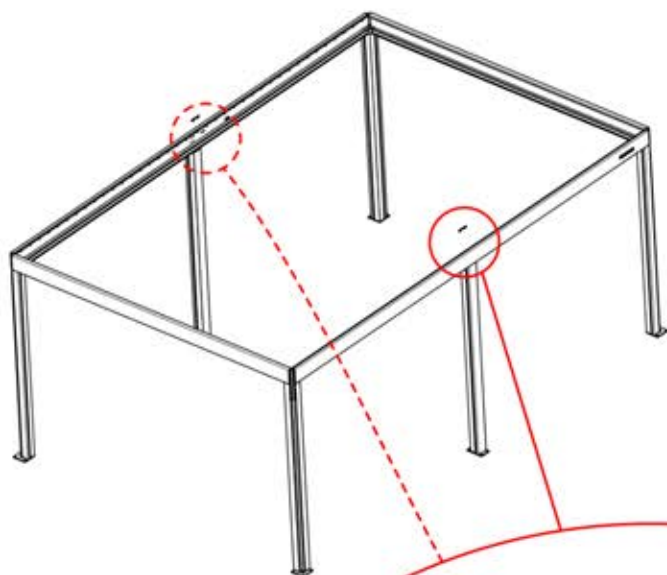
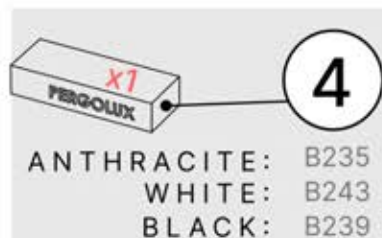
07



08



09



10



4

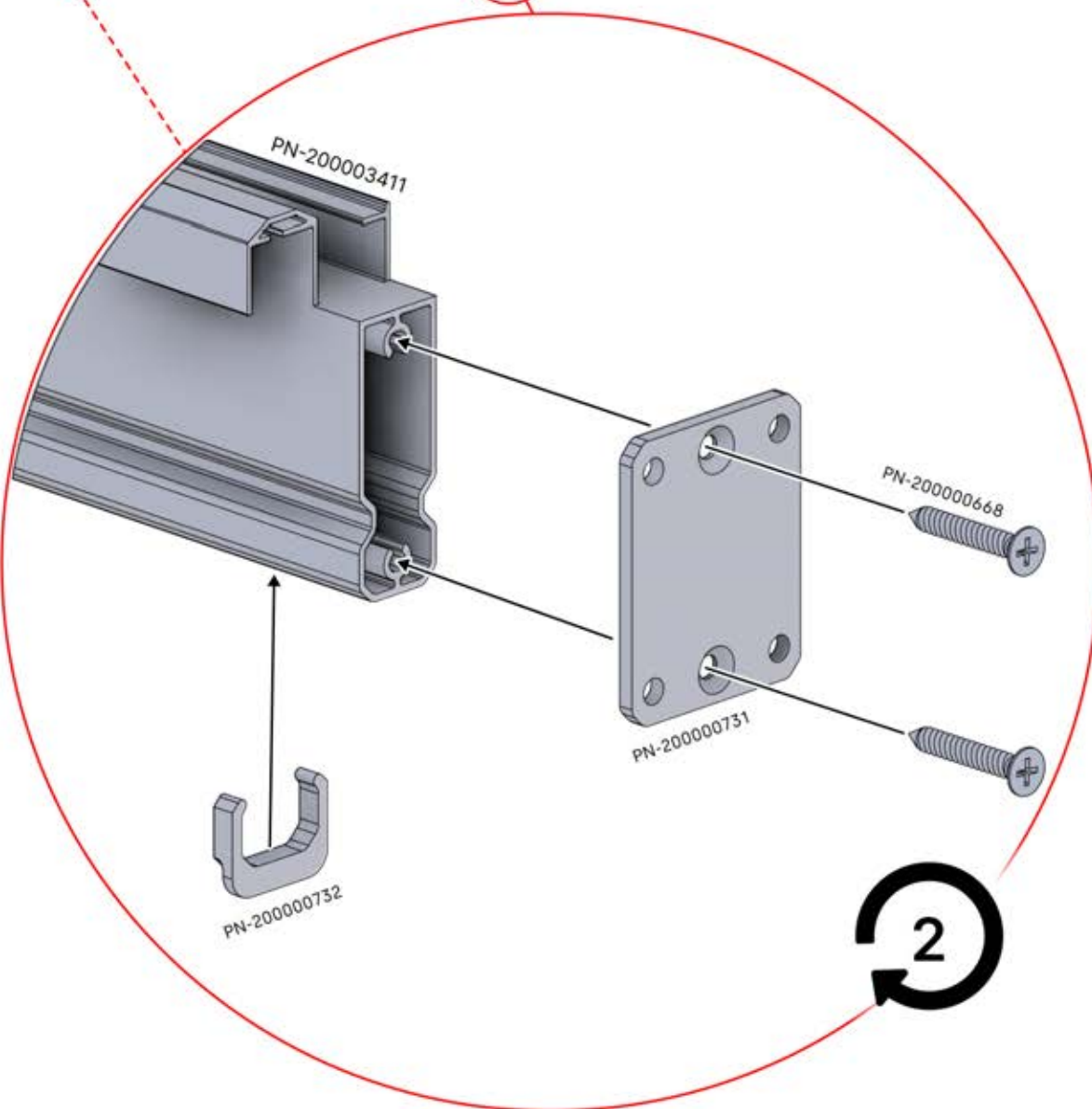
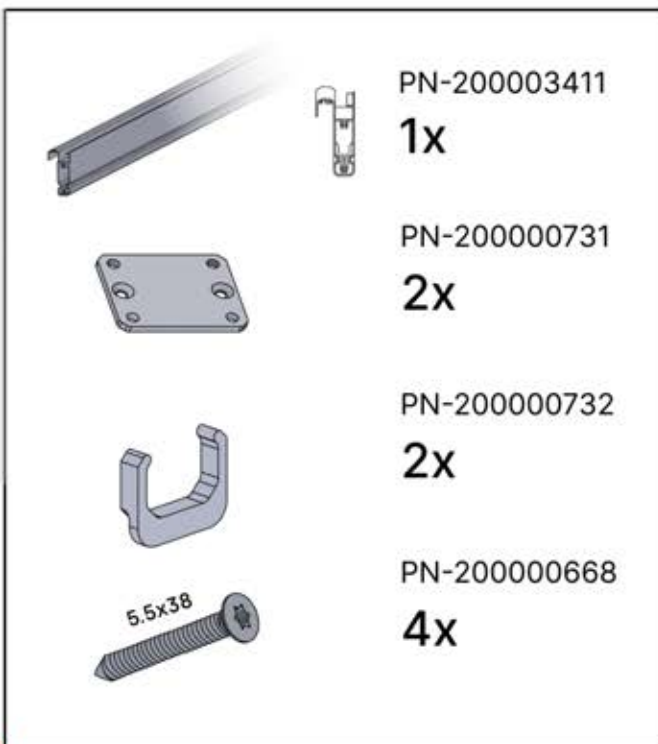
ANTHRACITE: B235
WHITE: B243
BLACK: B239



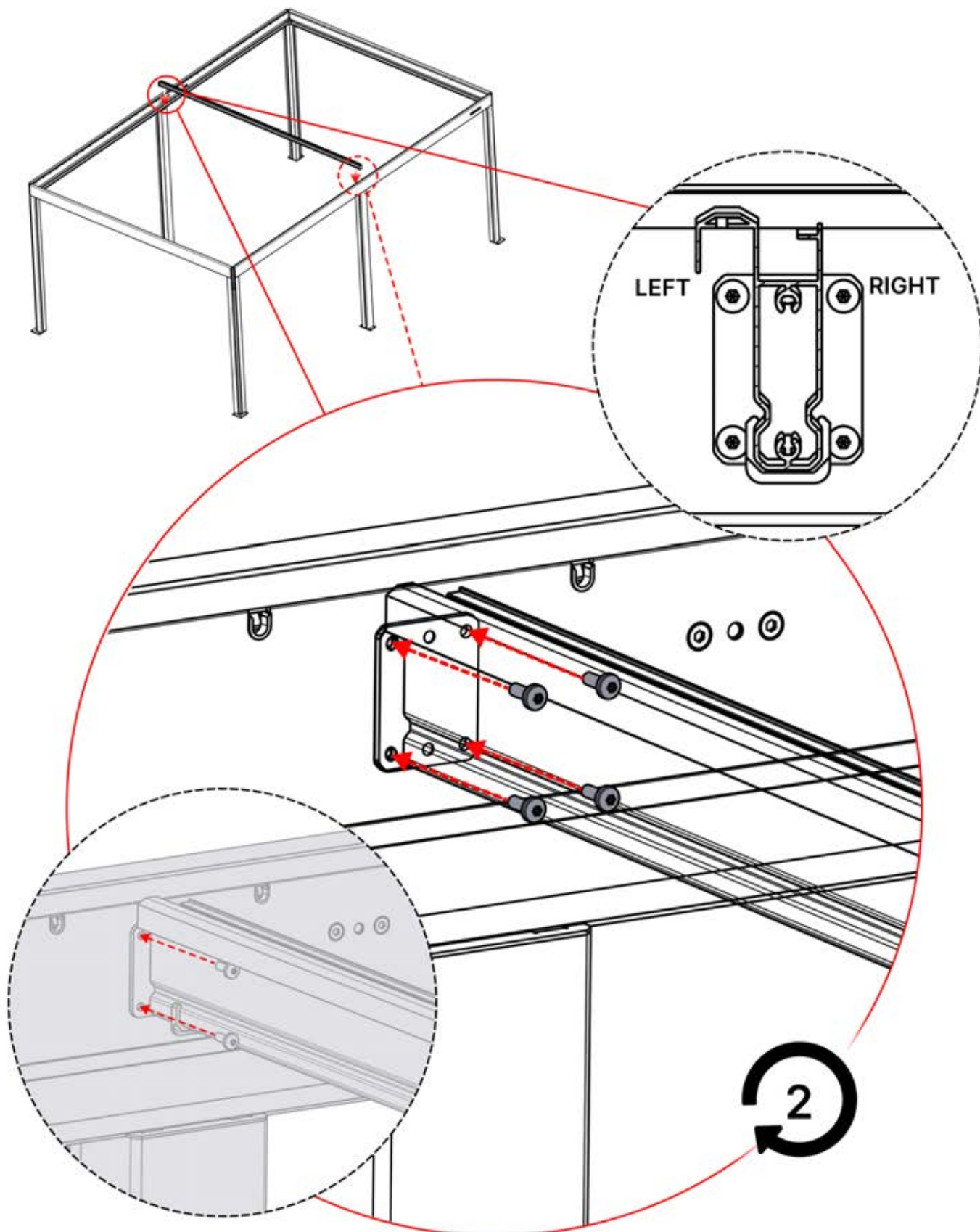
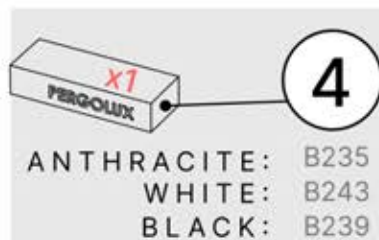
6

ANTHRACITE: B268
WHITE: B272
BLACK: B270

PP CENTER
LOUVER BEAM FS
3M
PN-200003412



11



12



x1

4

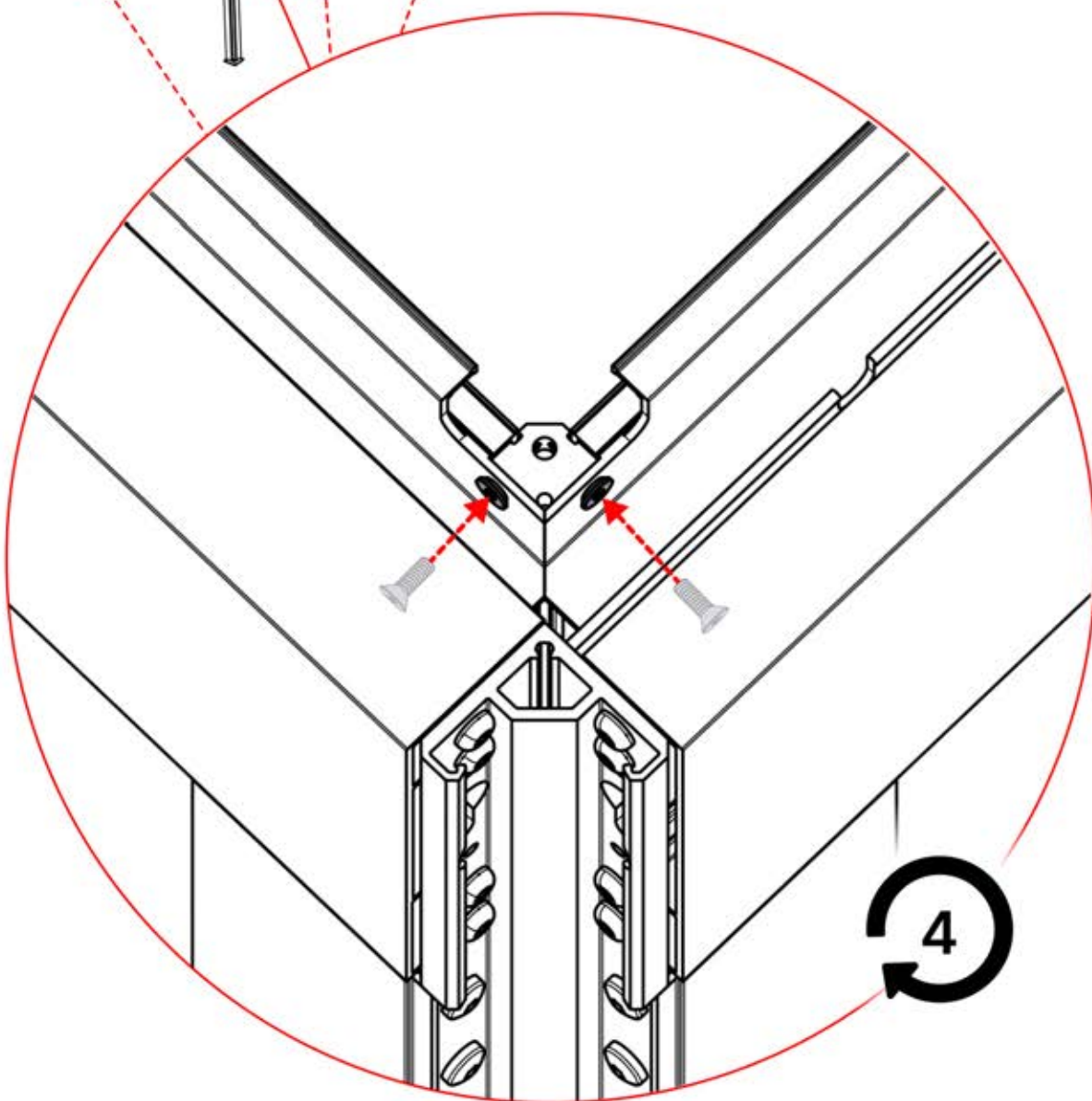
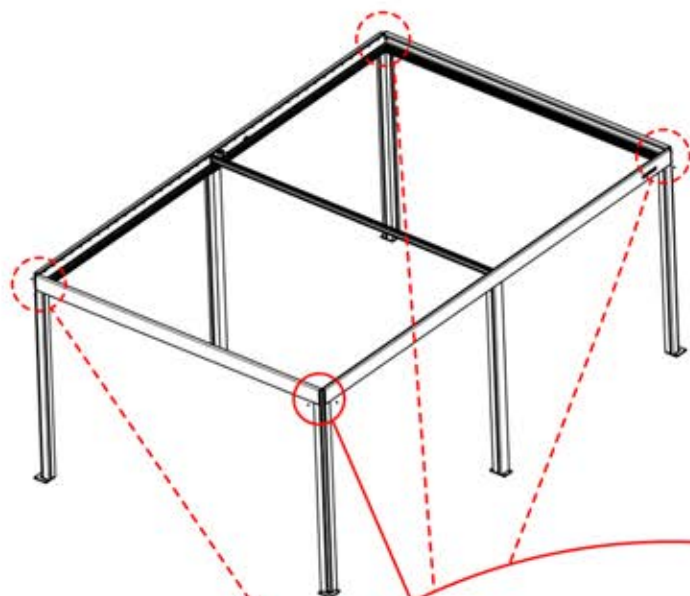
ANTHRACITE: B235
WHITE: B243
BLACK: B239

5x12
3/16" x 1/2"

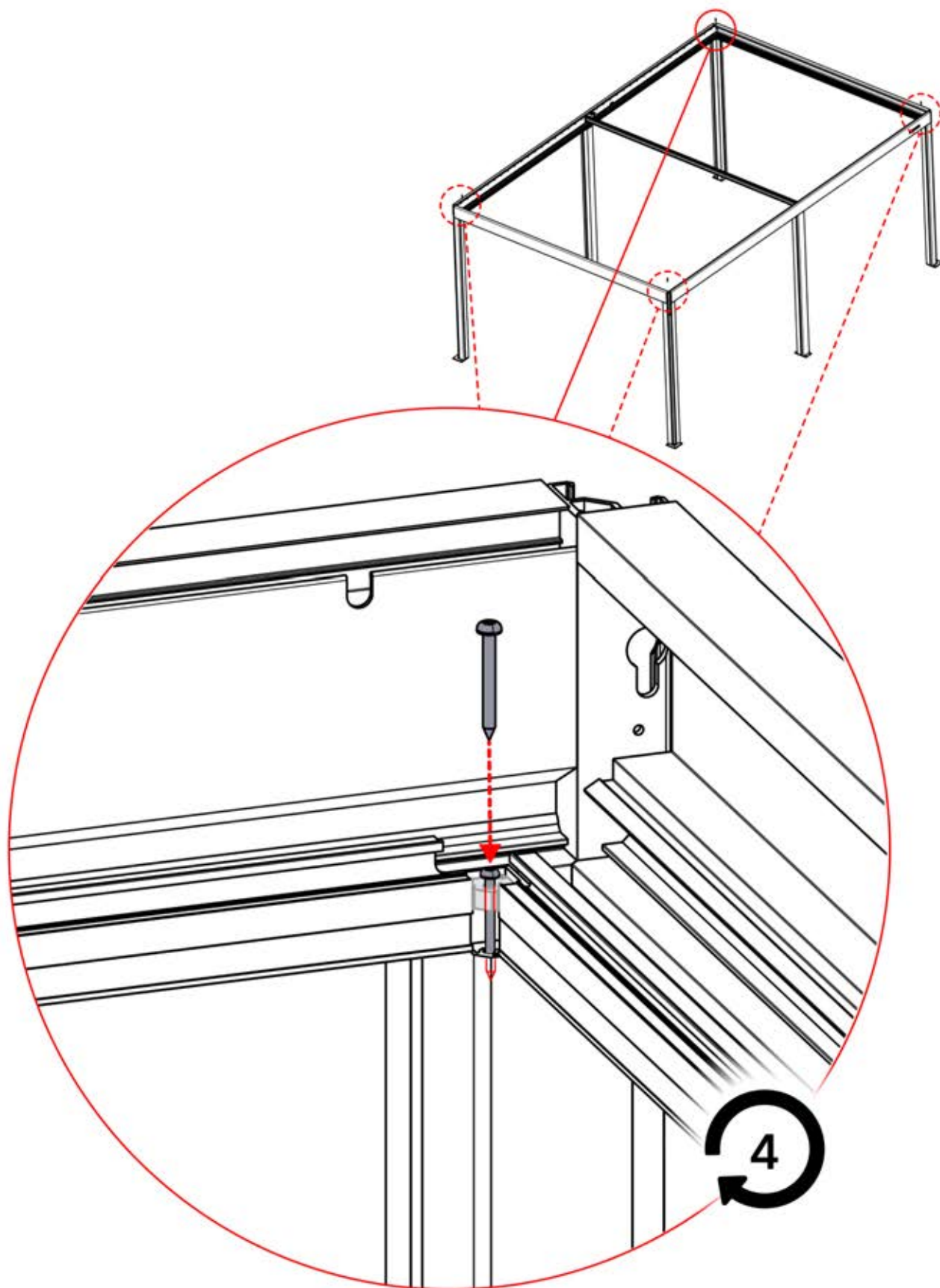
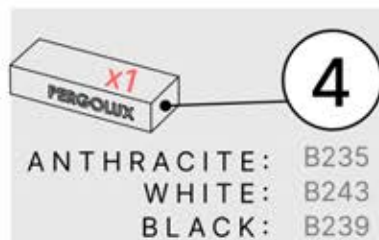


PN-200000569

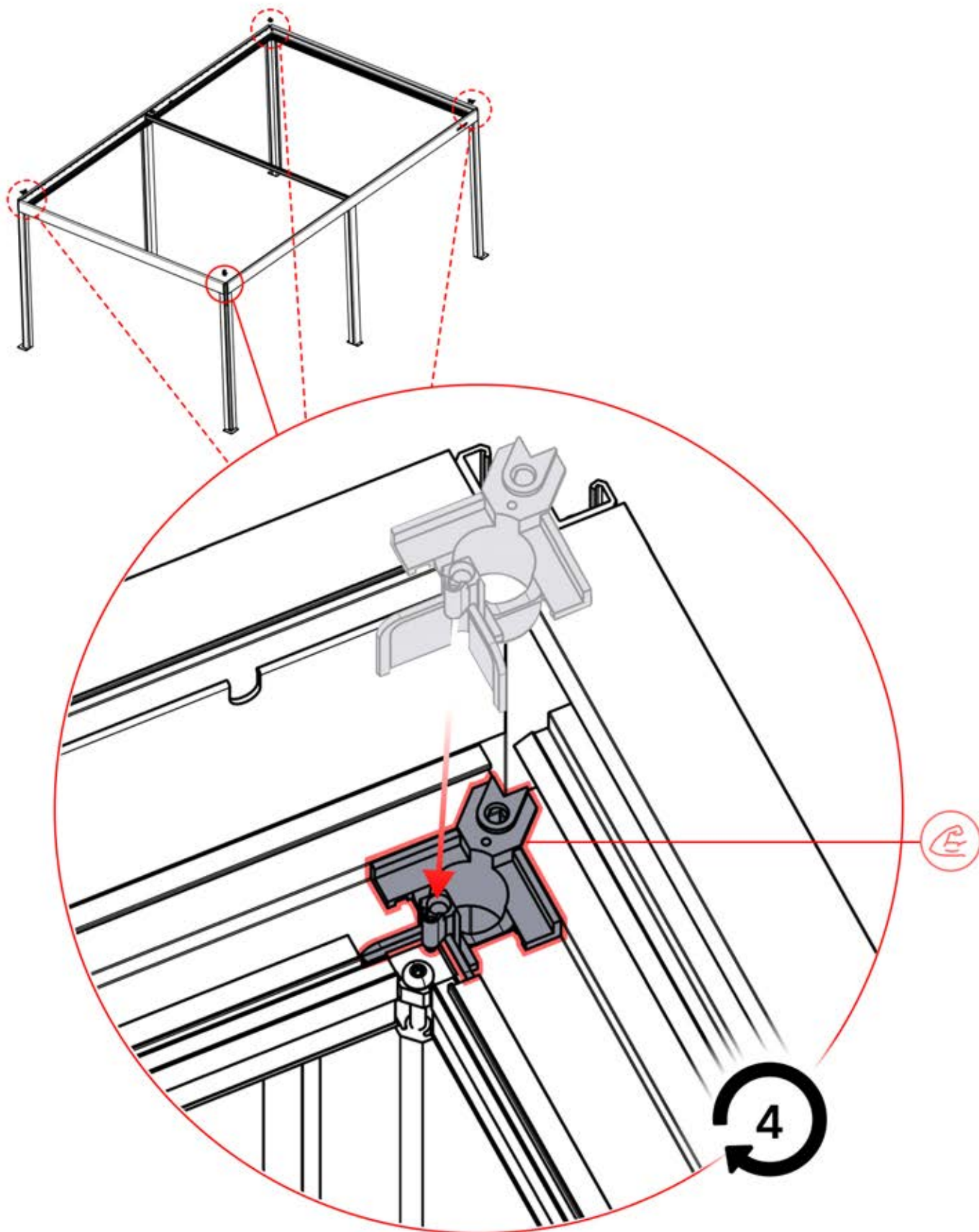
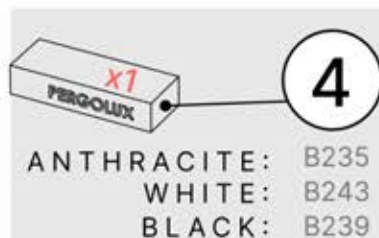
8x



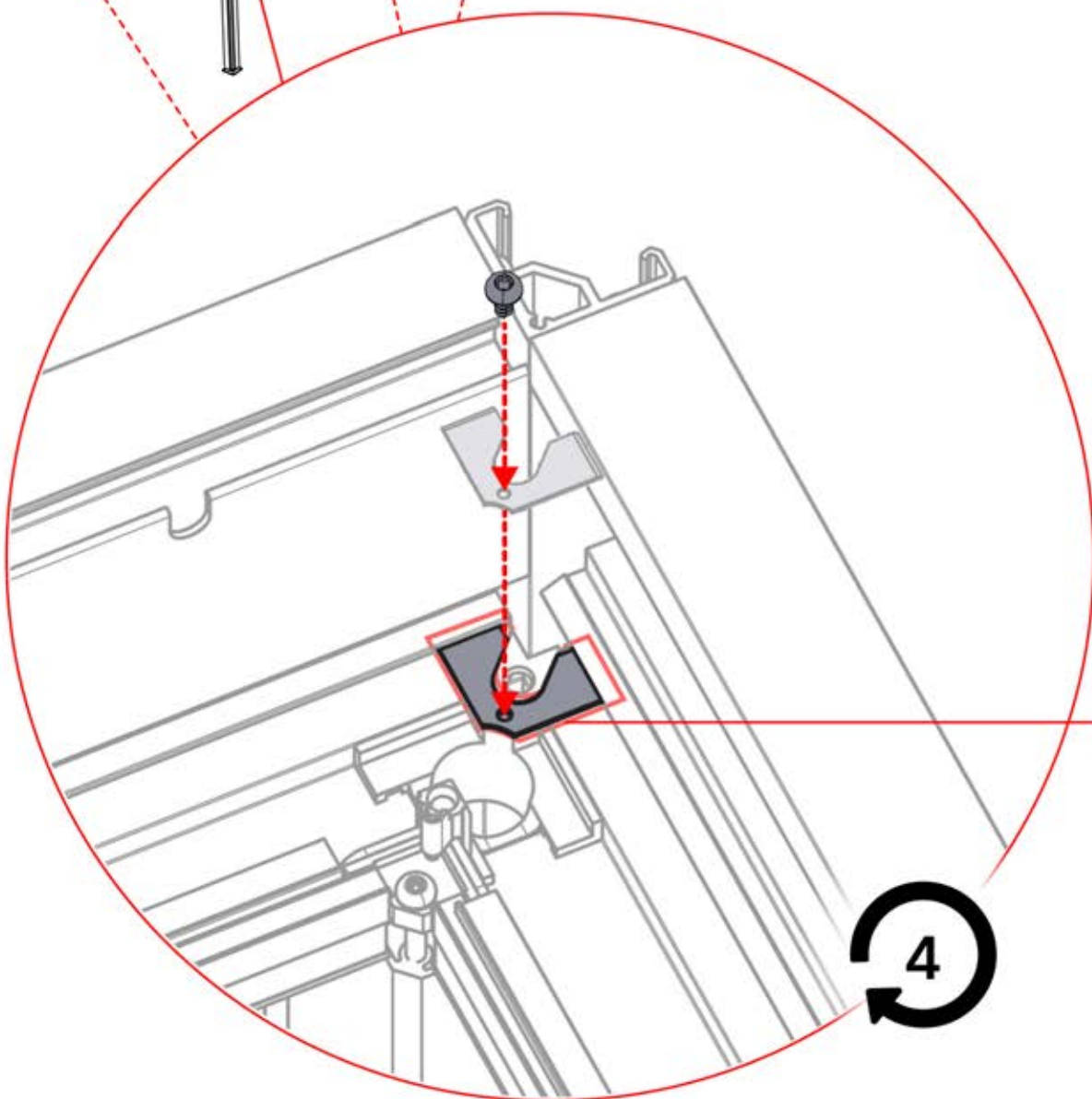
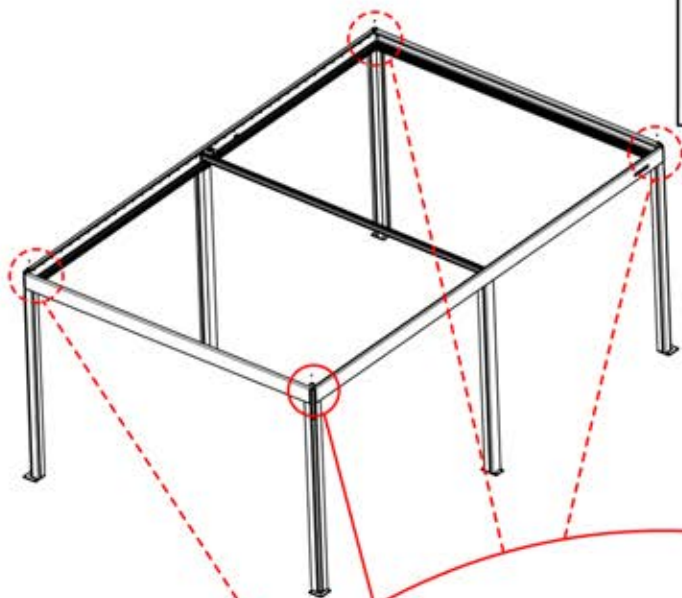
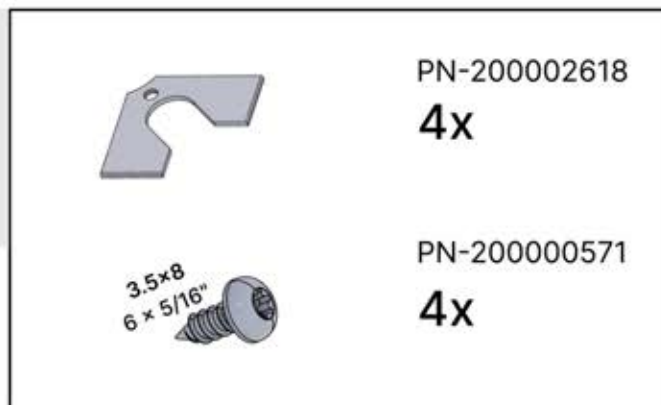
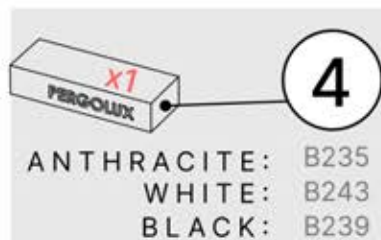
13



14



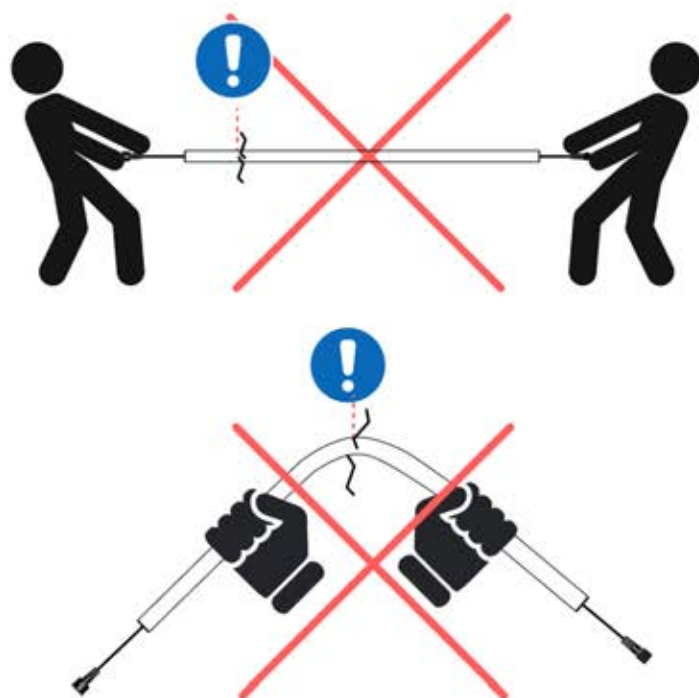
15



IMPORTANT INFORMATION

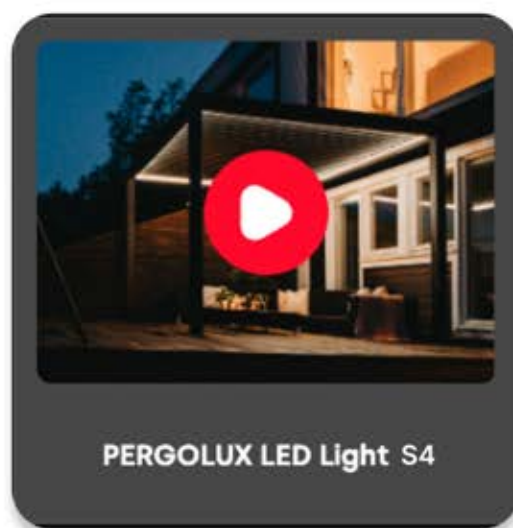
Handle with care.

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.



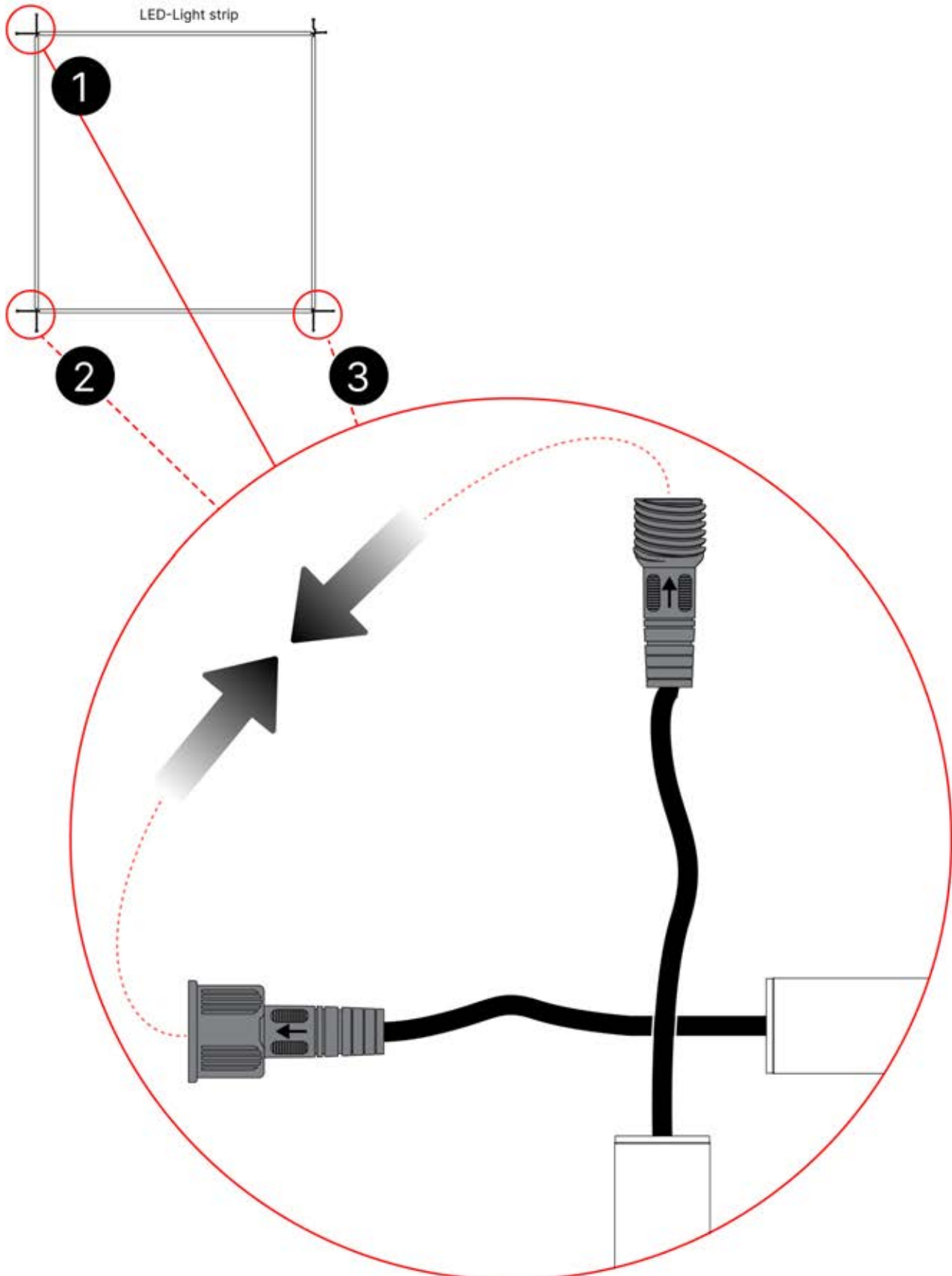
Important! Please watch all the videos before starting the assembly.

The videos contain important information relevant to the assembly process.

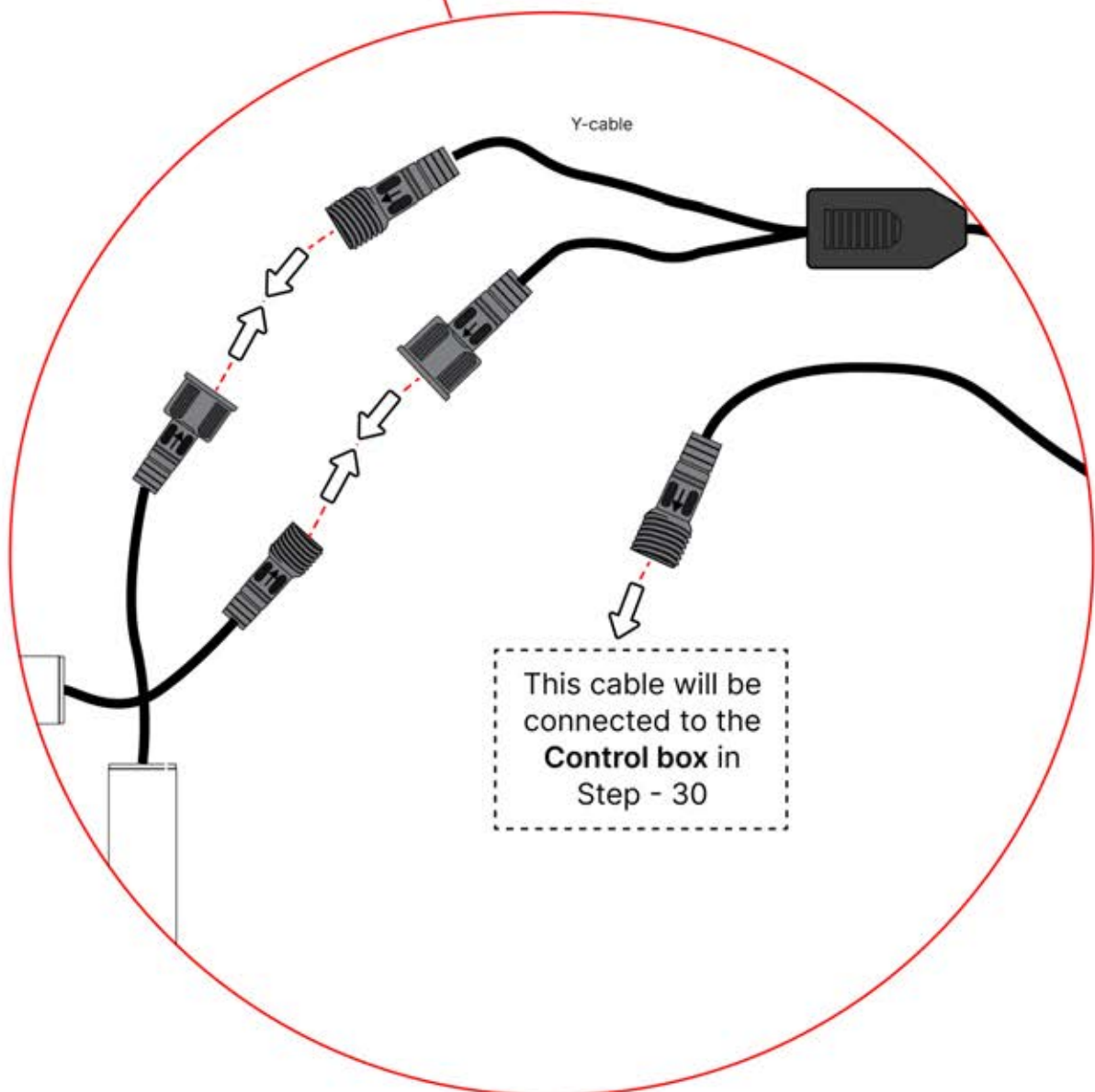
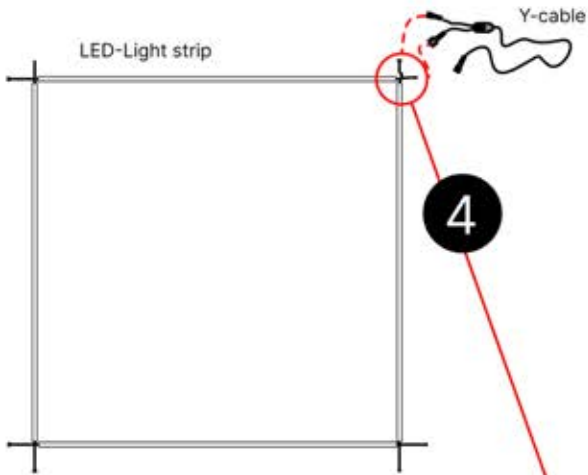


PERGOLUX LED Light S4

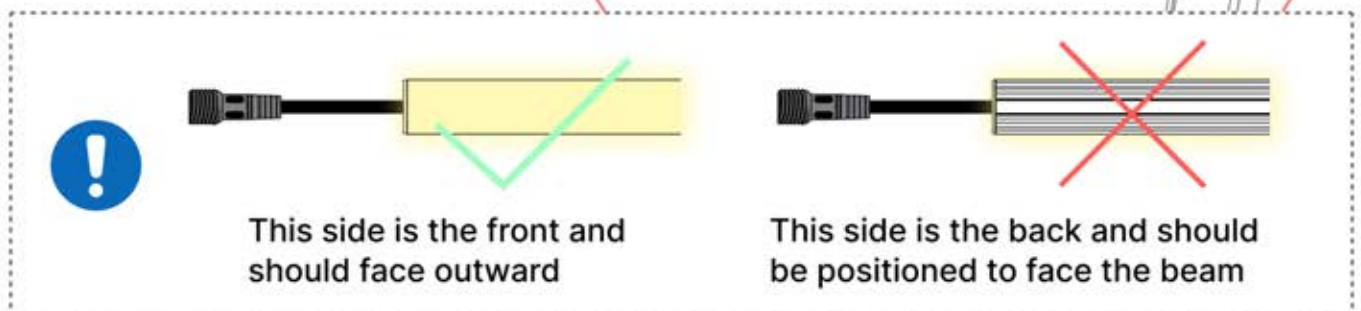
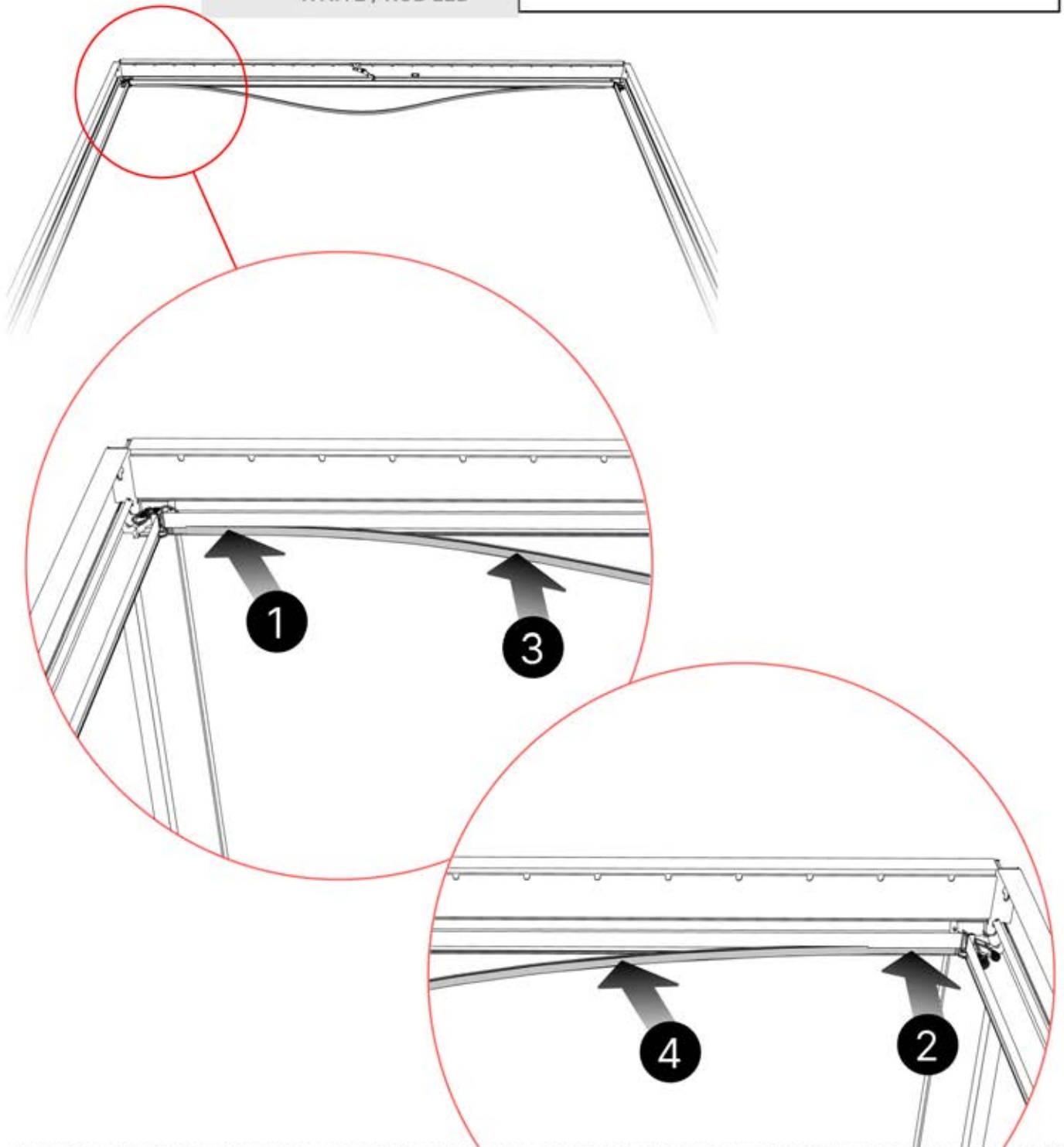
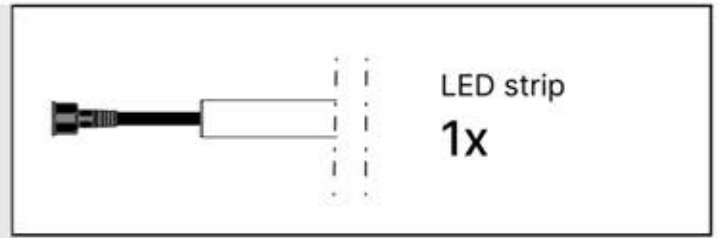
IMPORTANT INFORMATION



INFORMATION



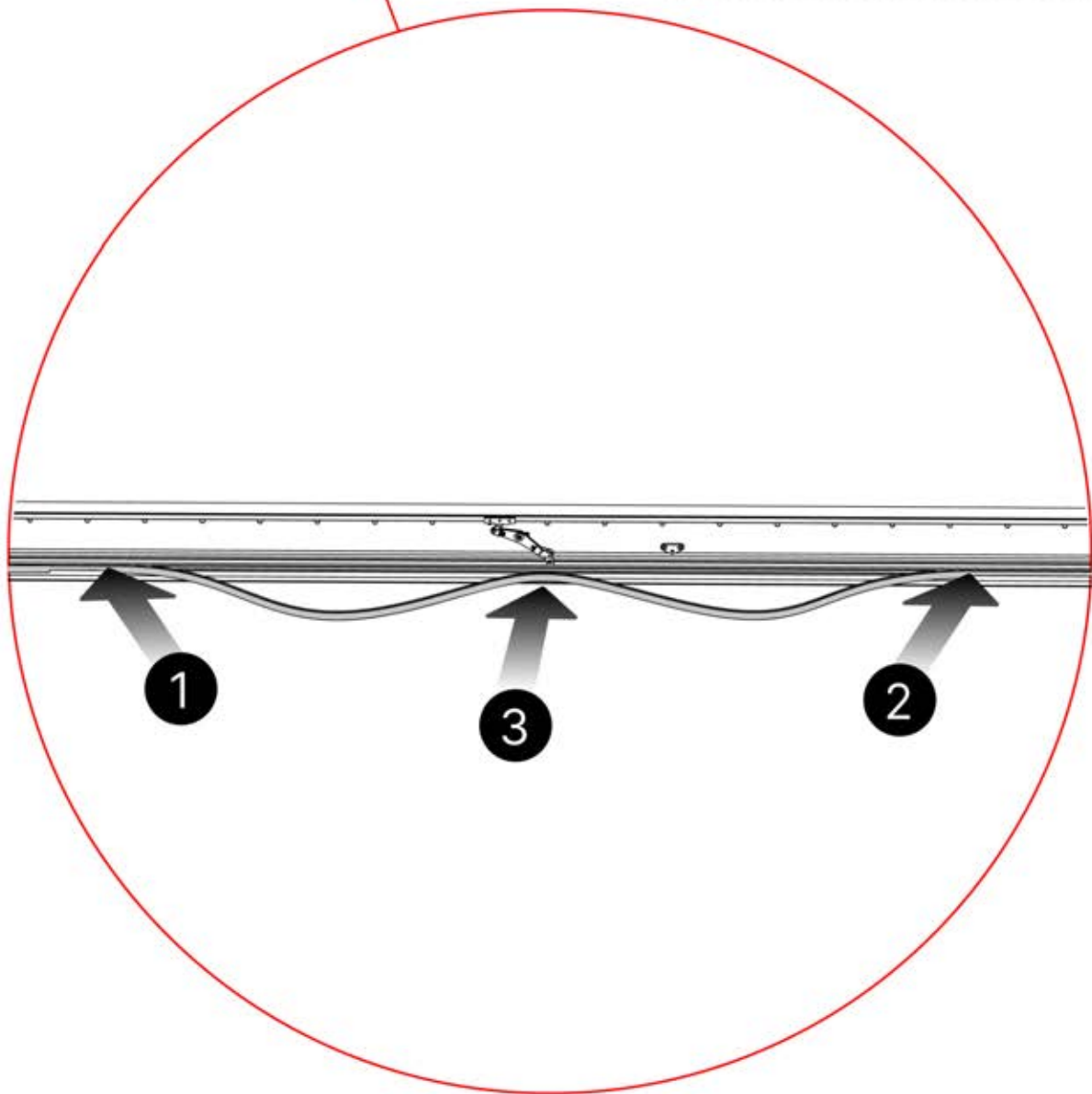
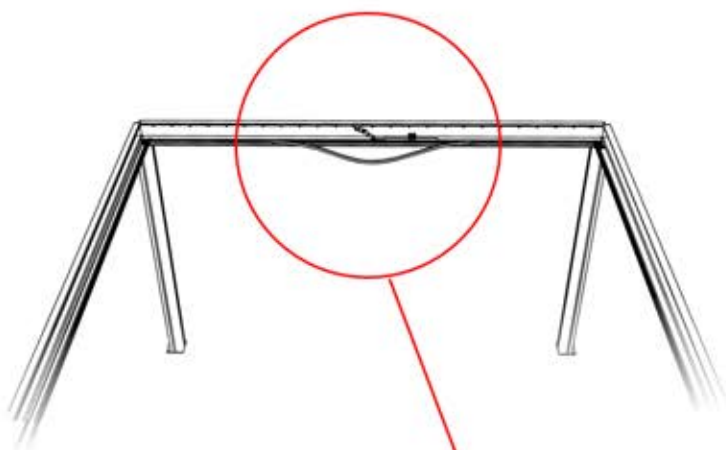
16



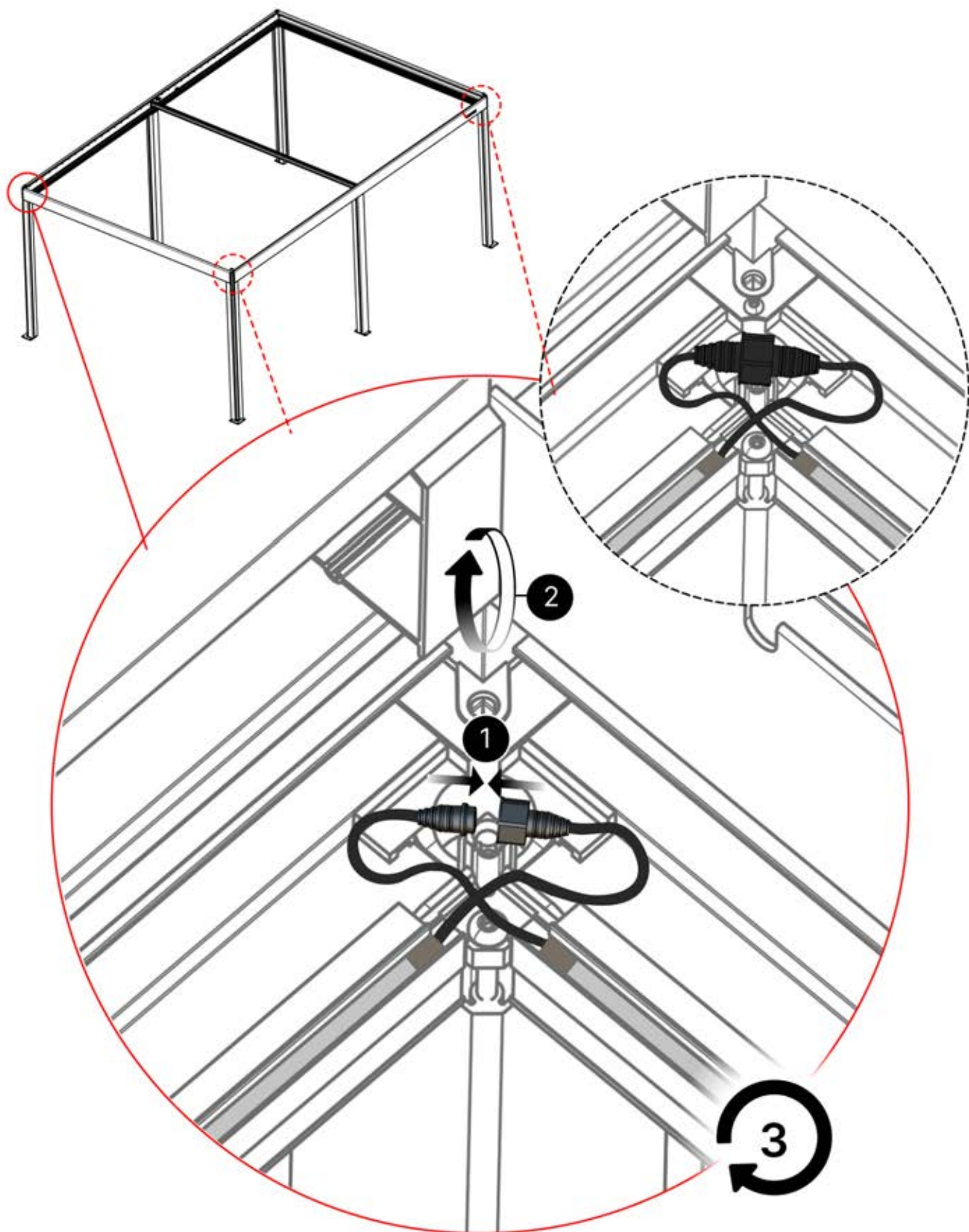
17



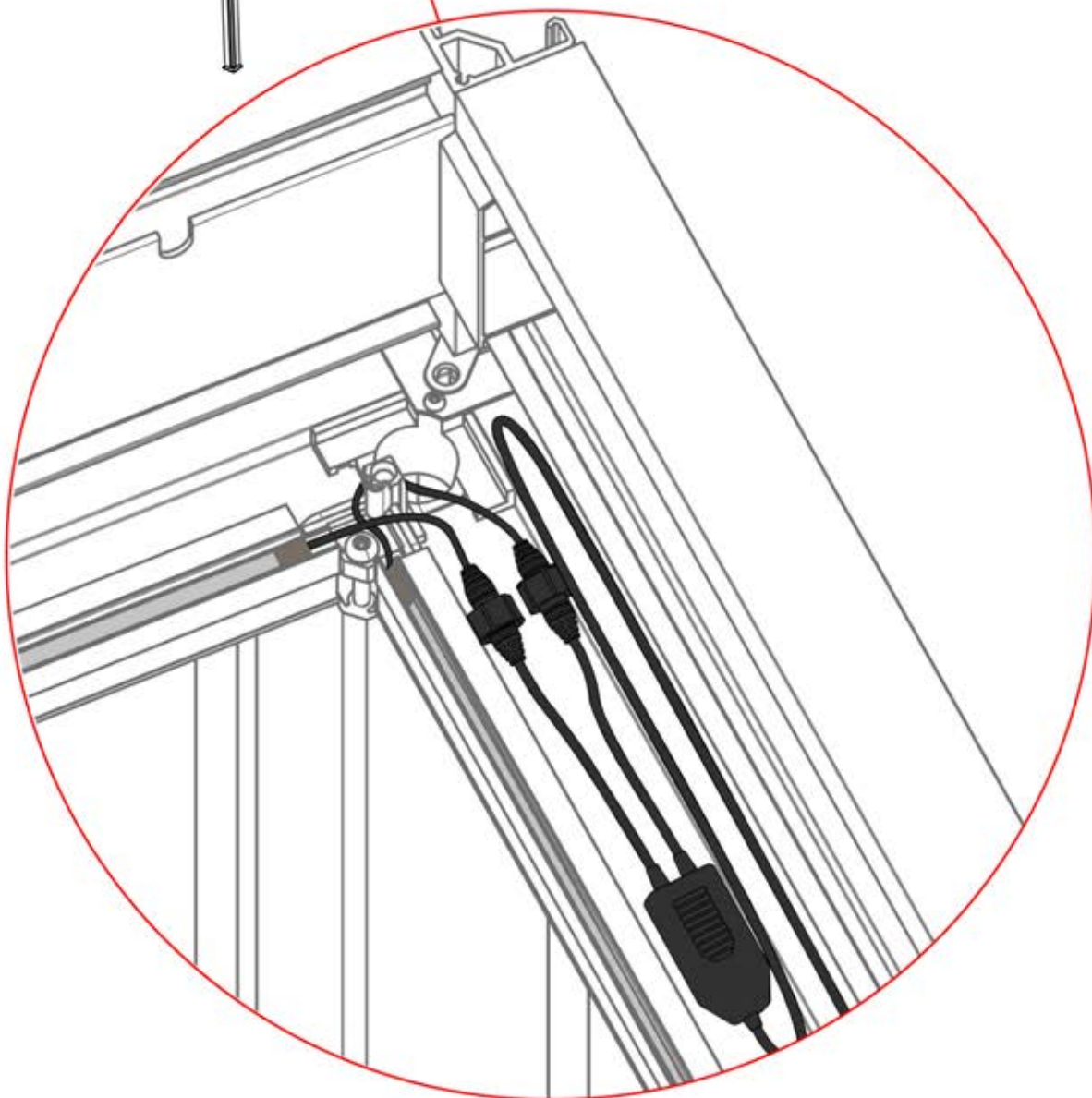
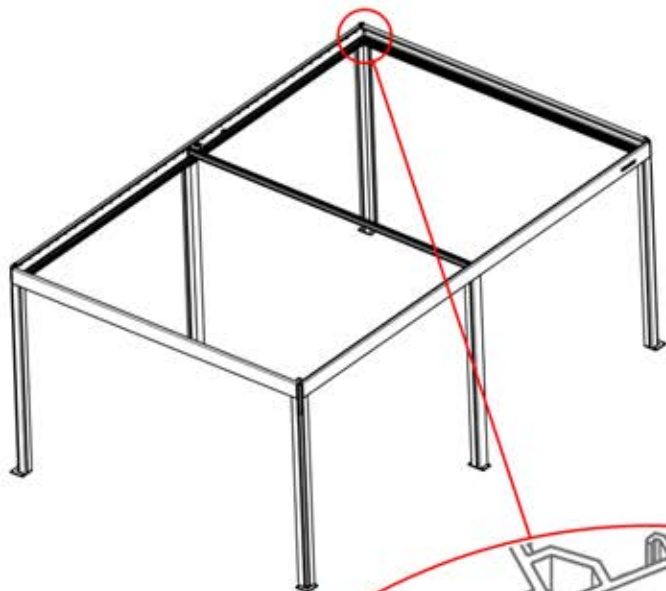
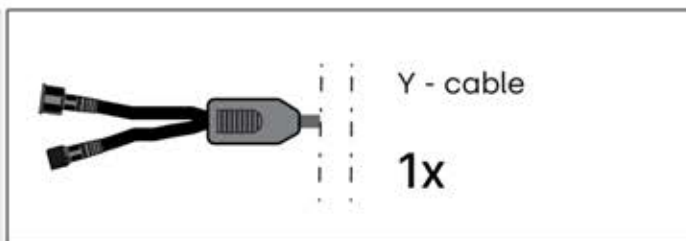
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



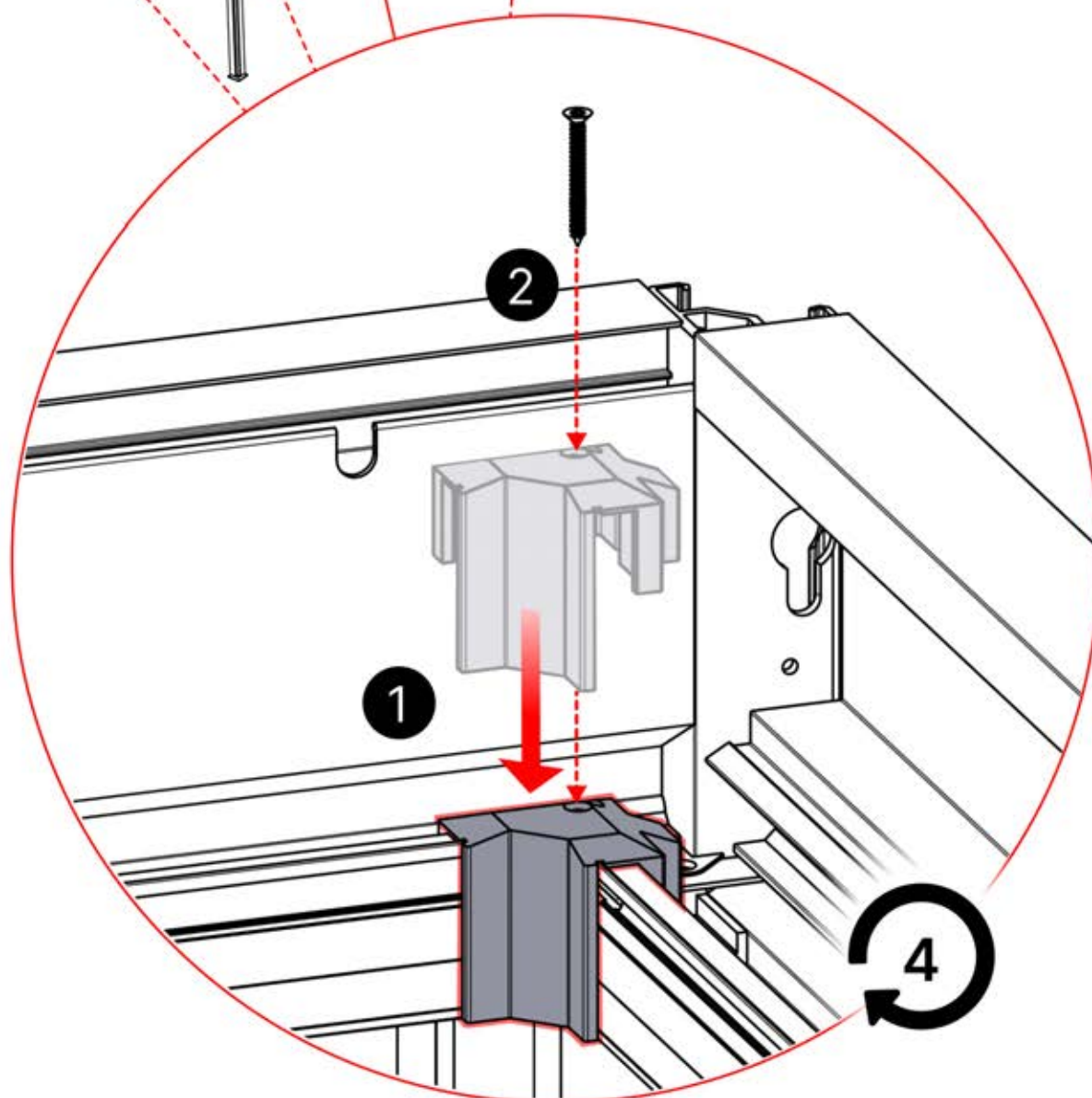
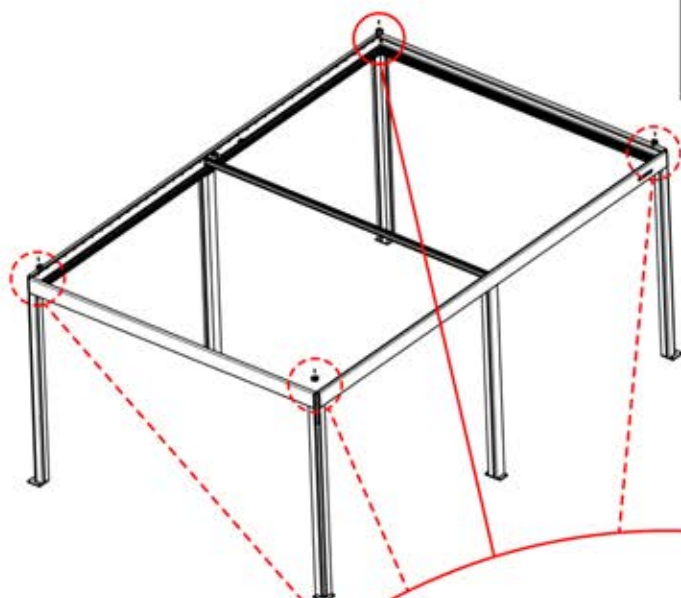
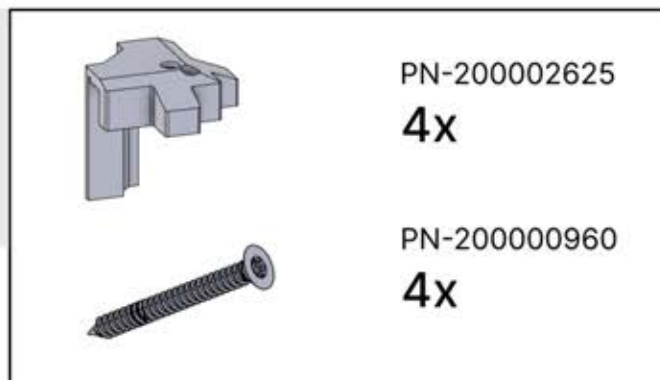
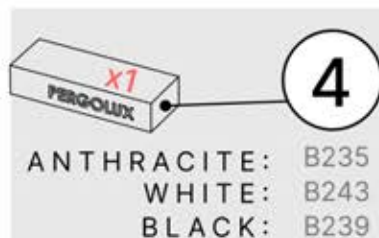
18



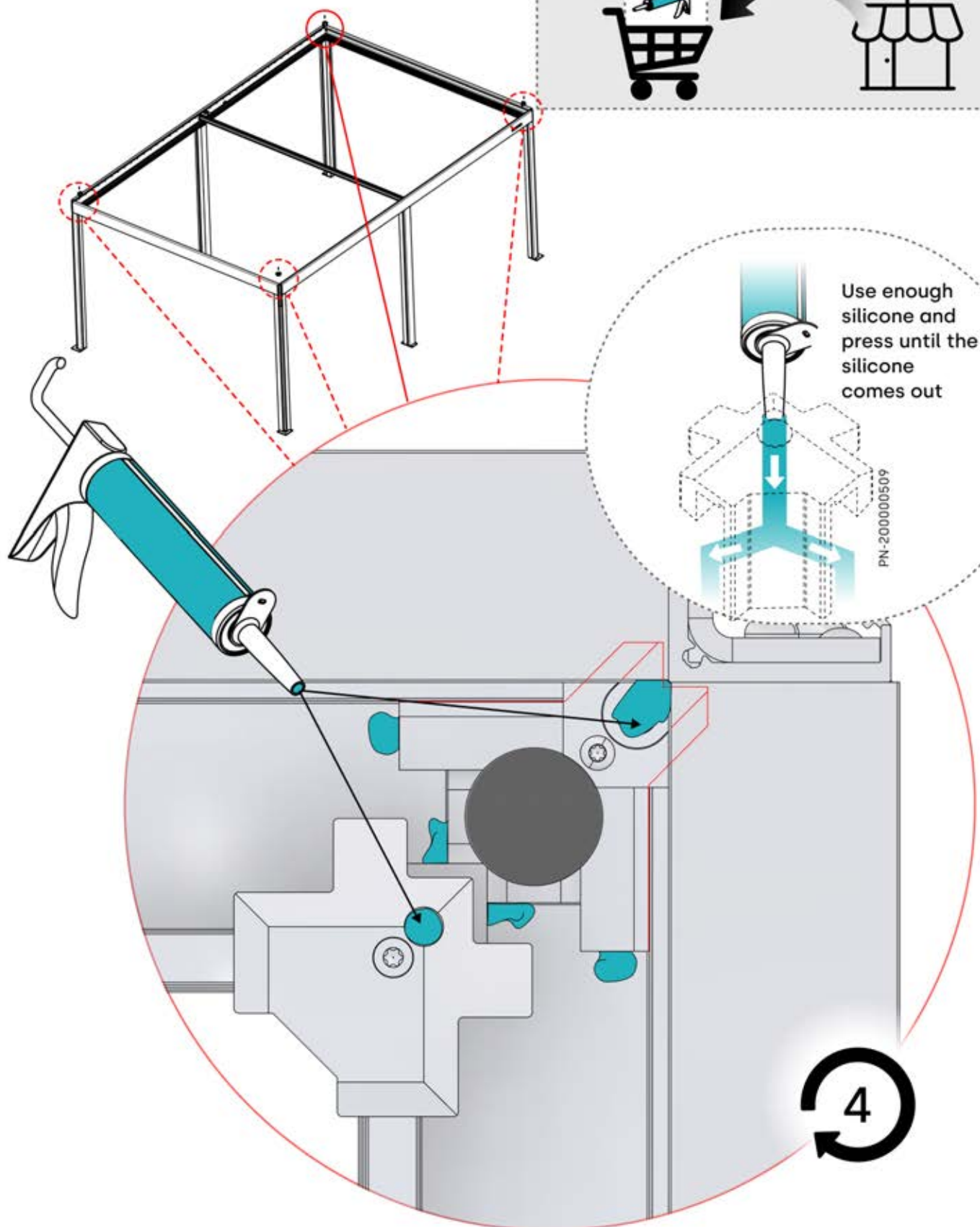
19



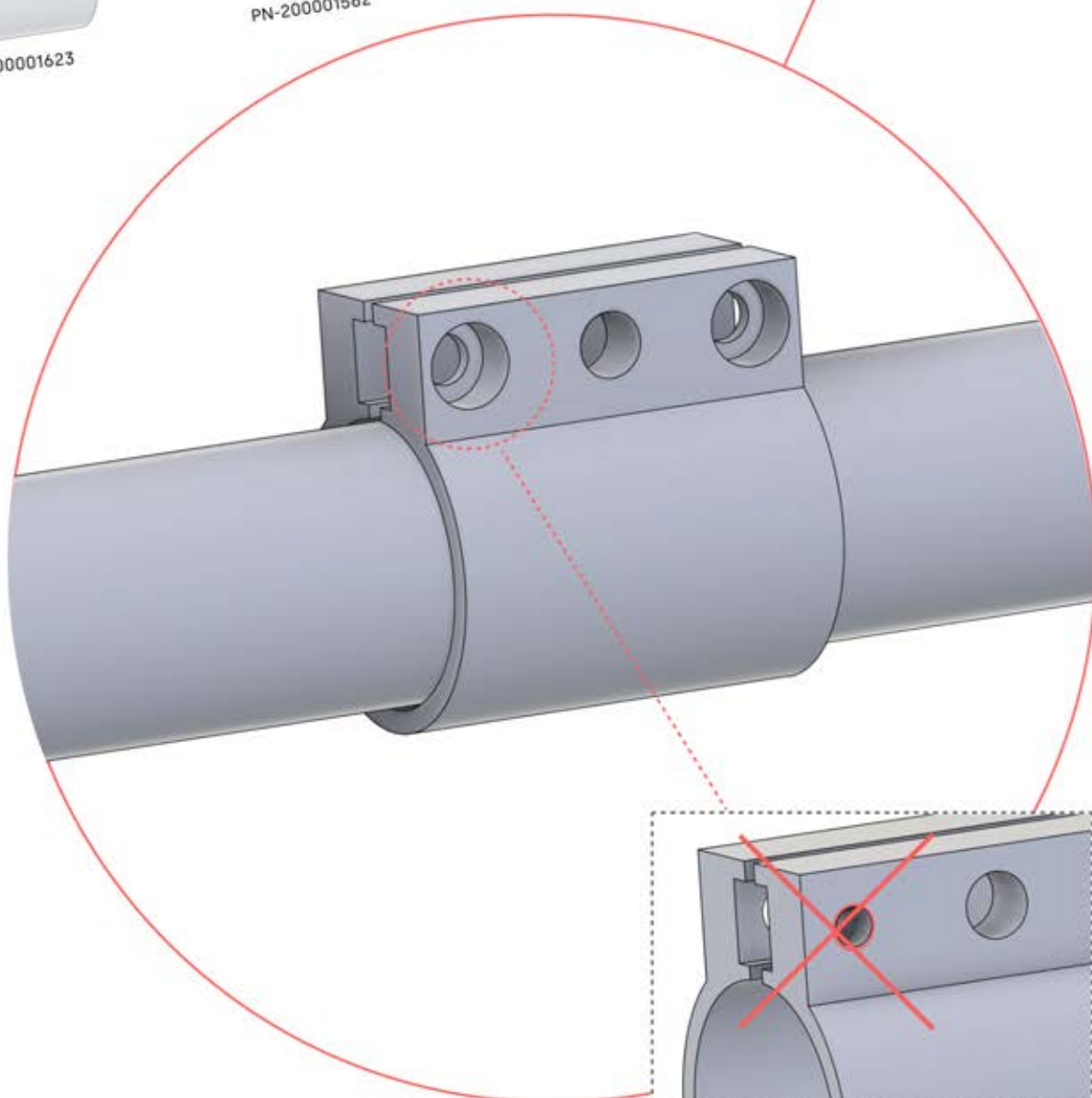
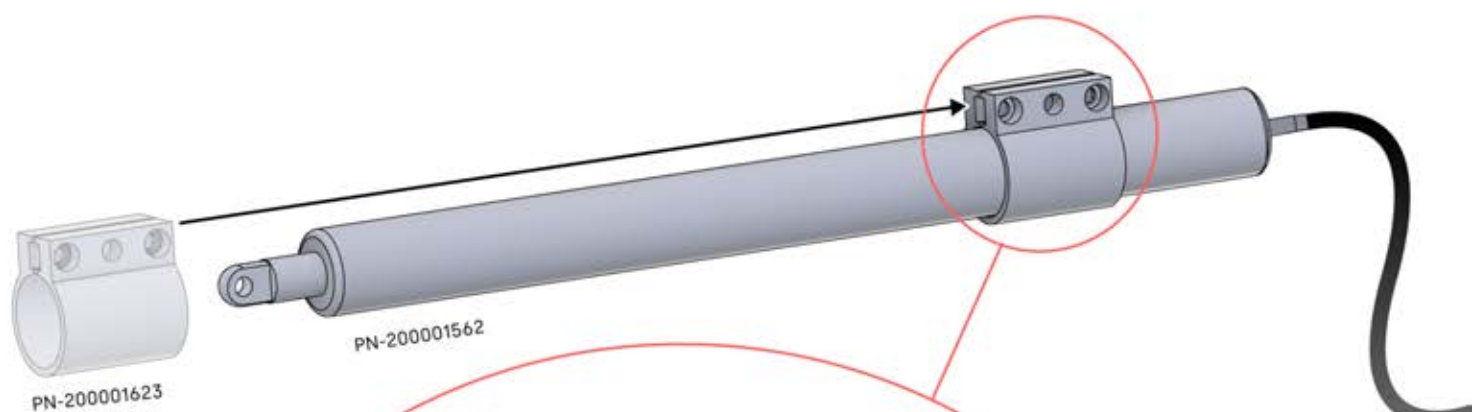
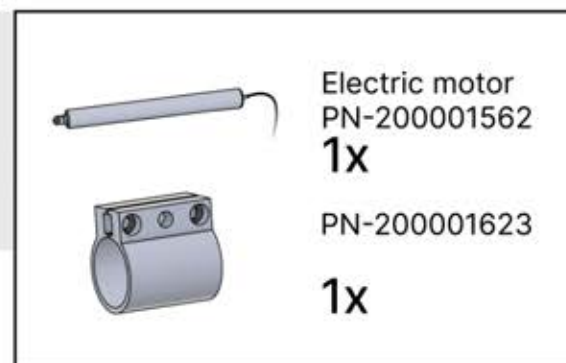
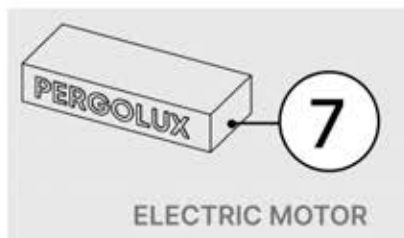
20



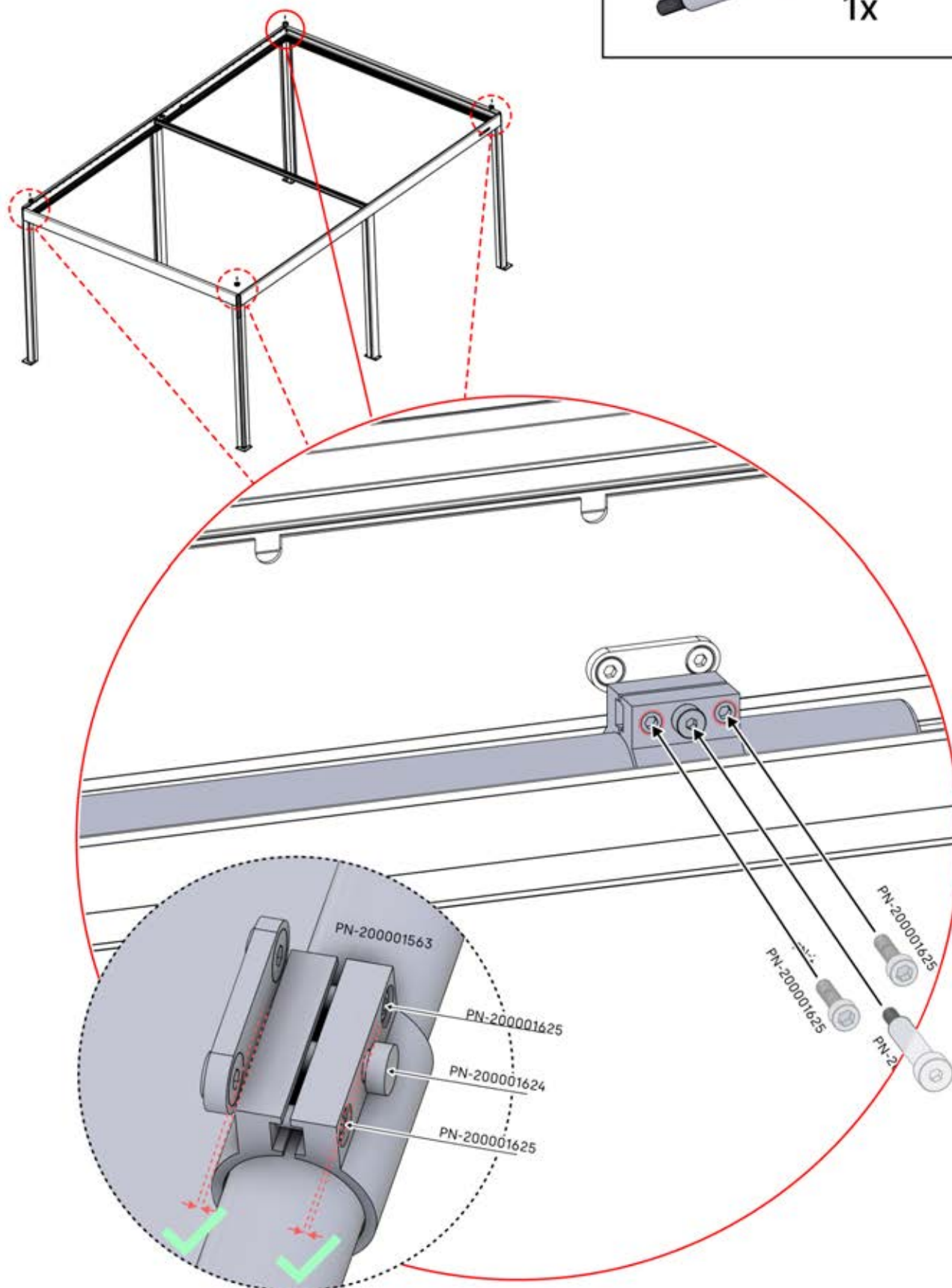
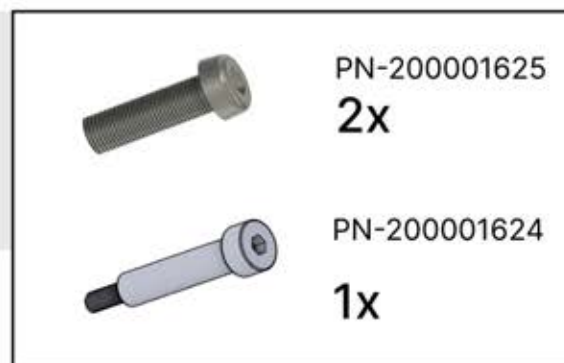
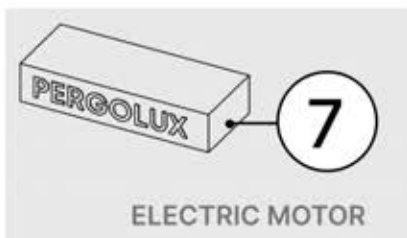
21



22



23



24



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200003372
1x



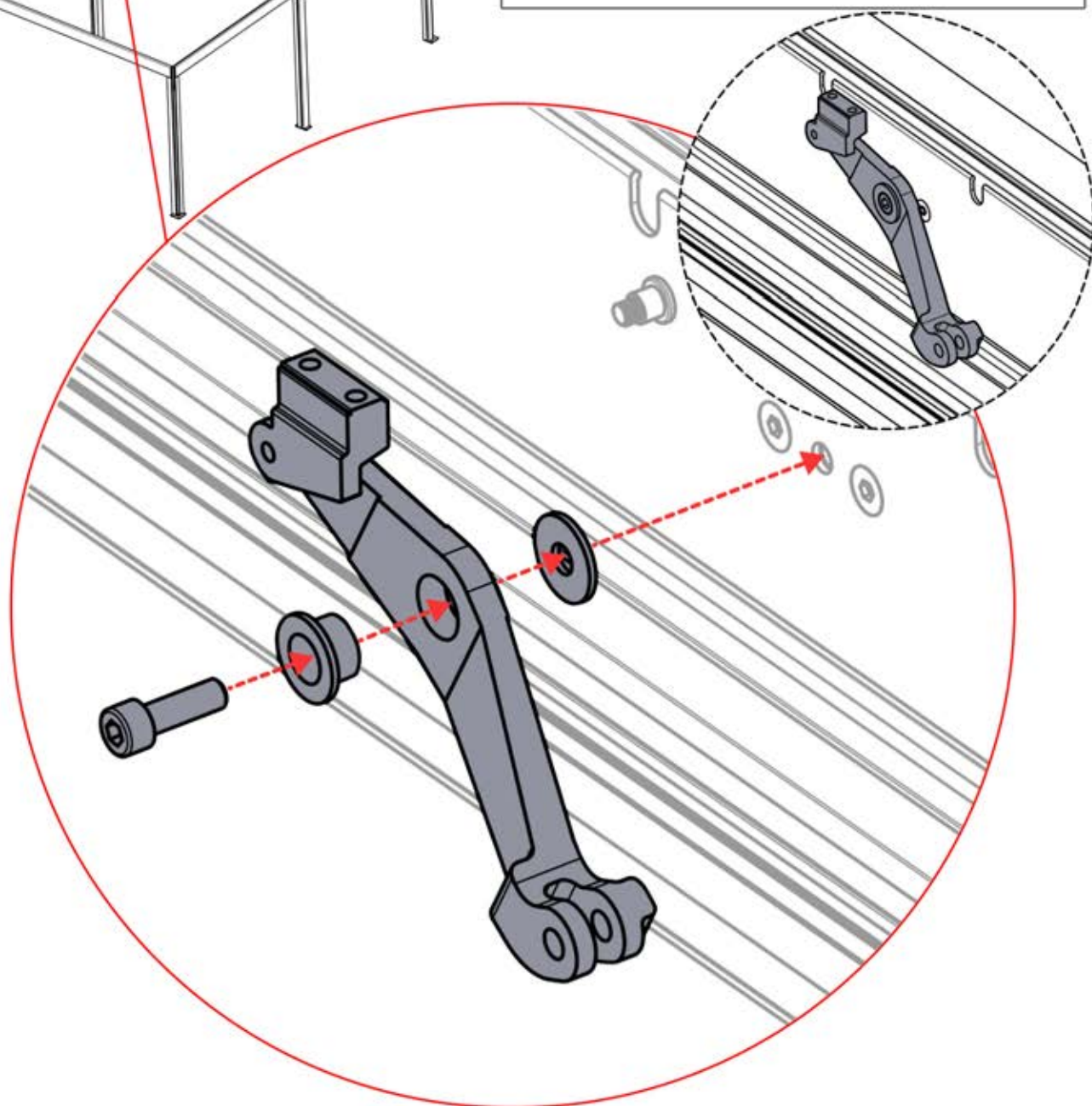
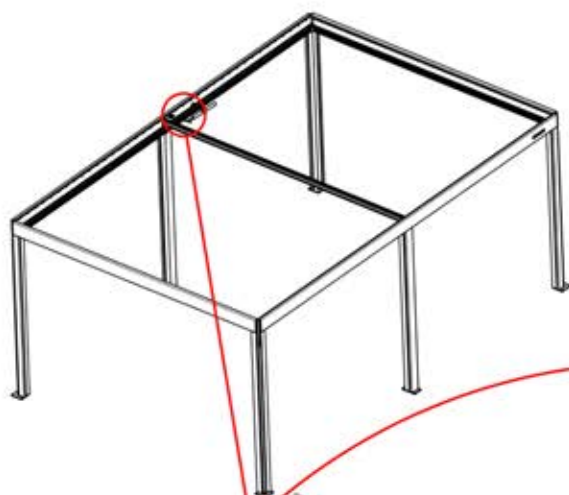
PN-200000502
1x



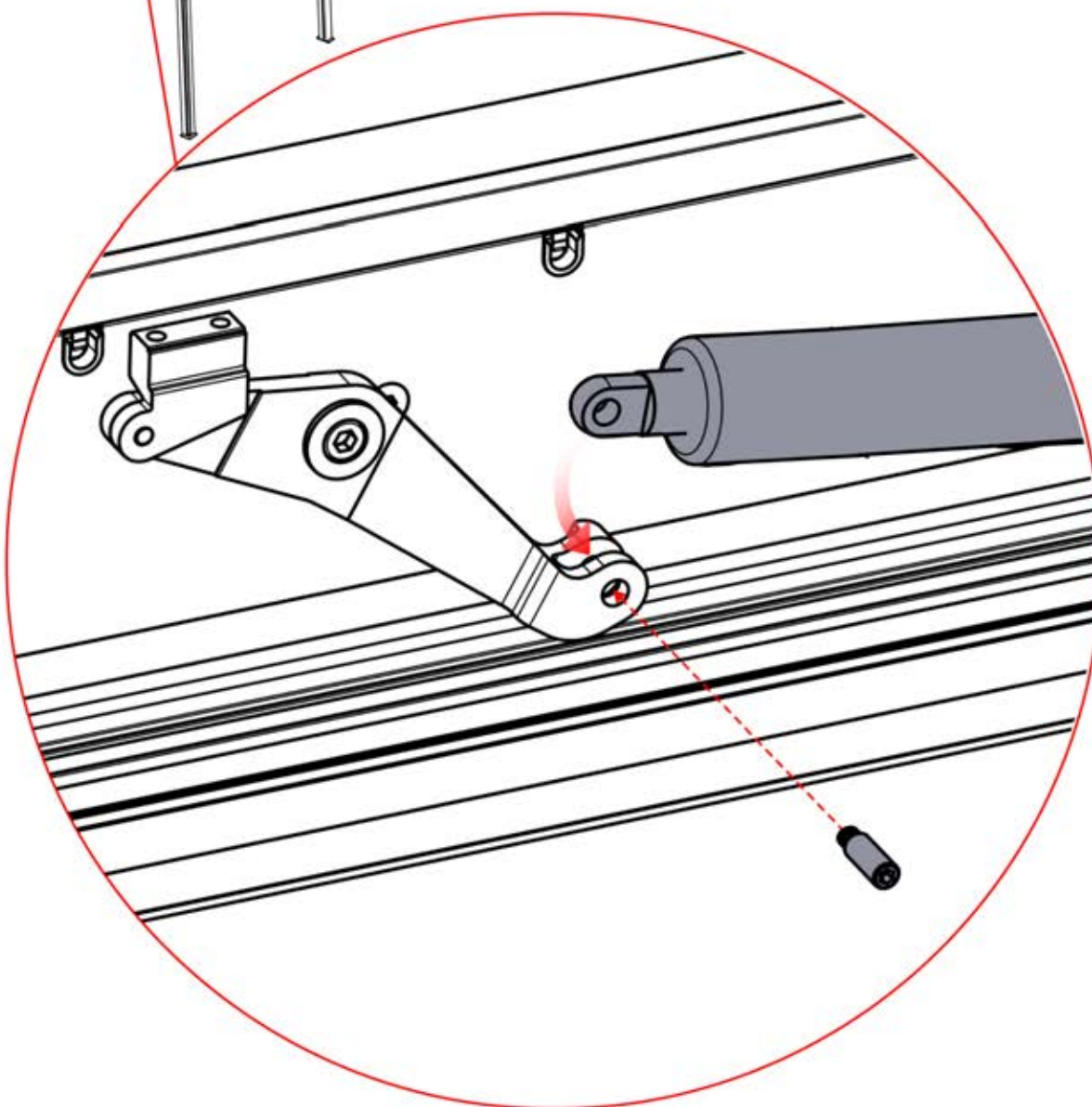
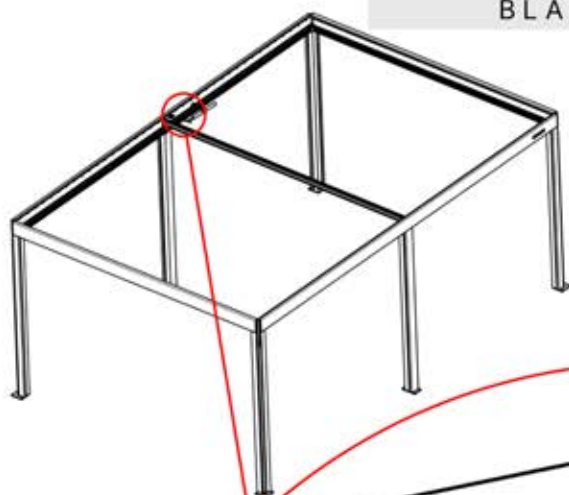
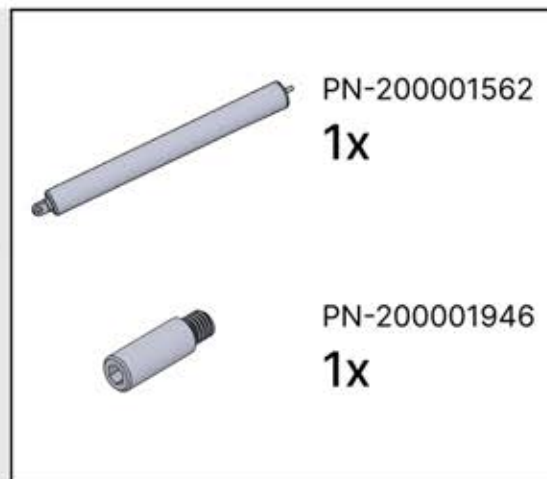
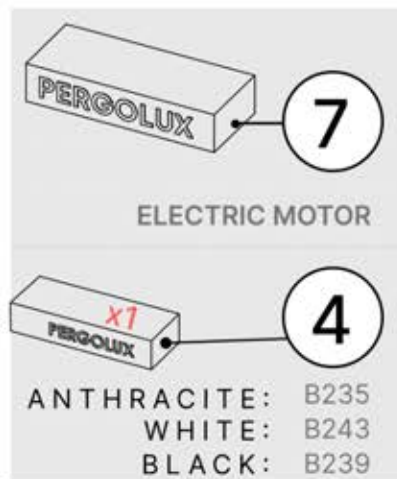
PN-200003373
1x

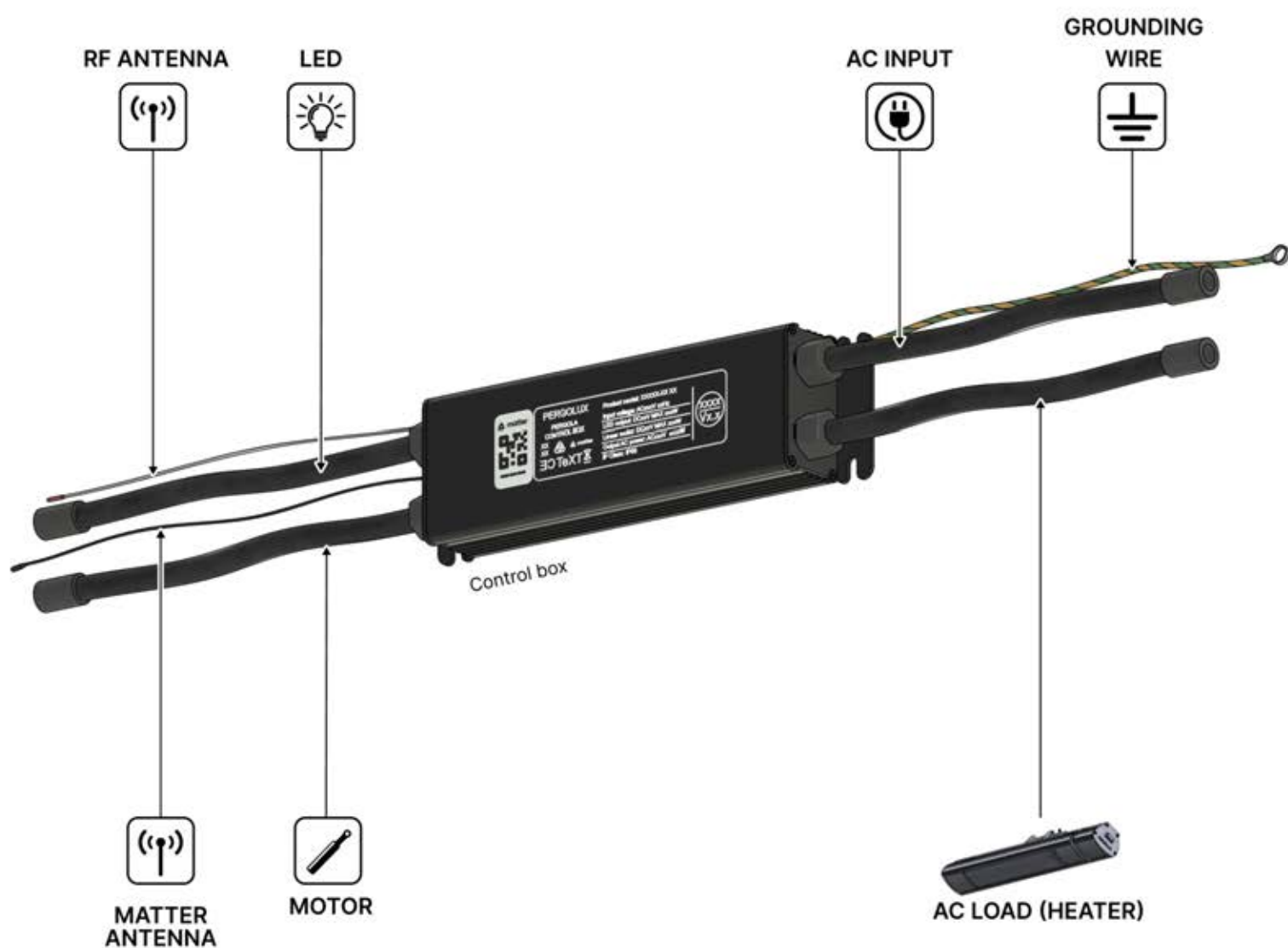


PN-200000561
1x

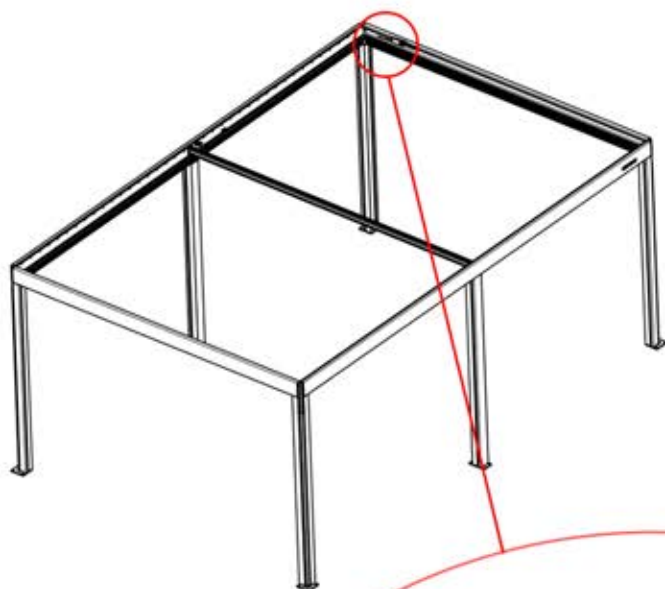
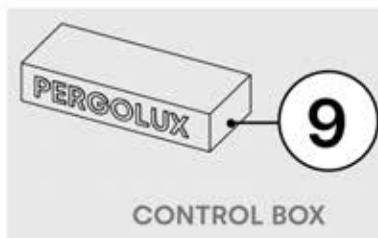


25



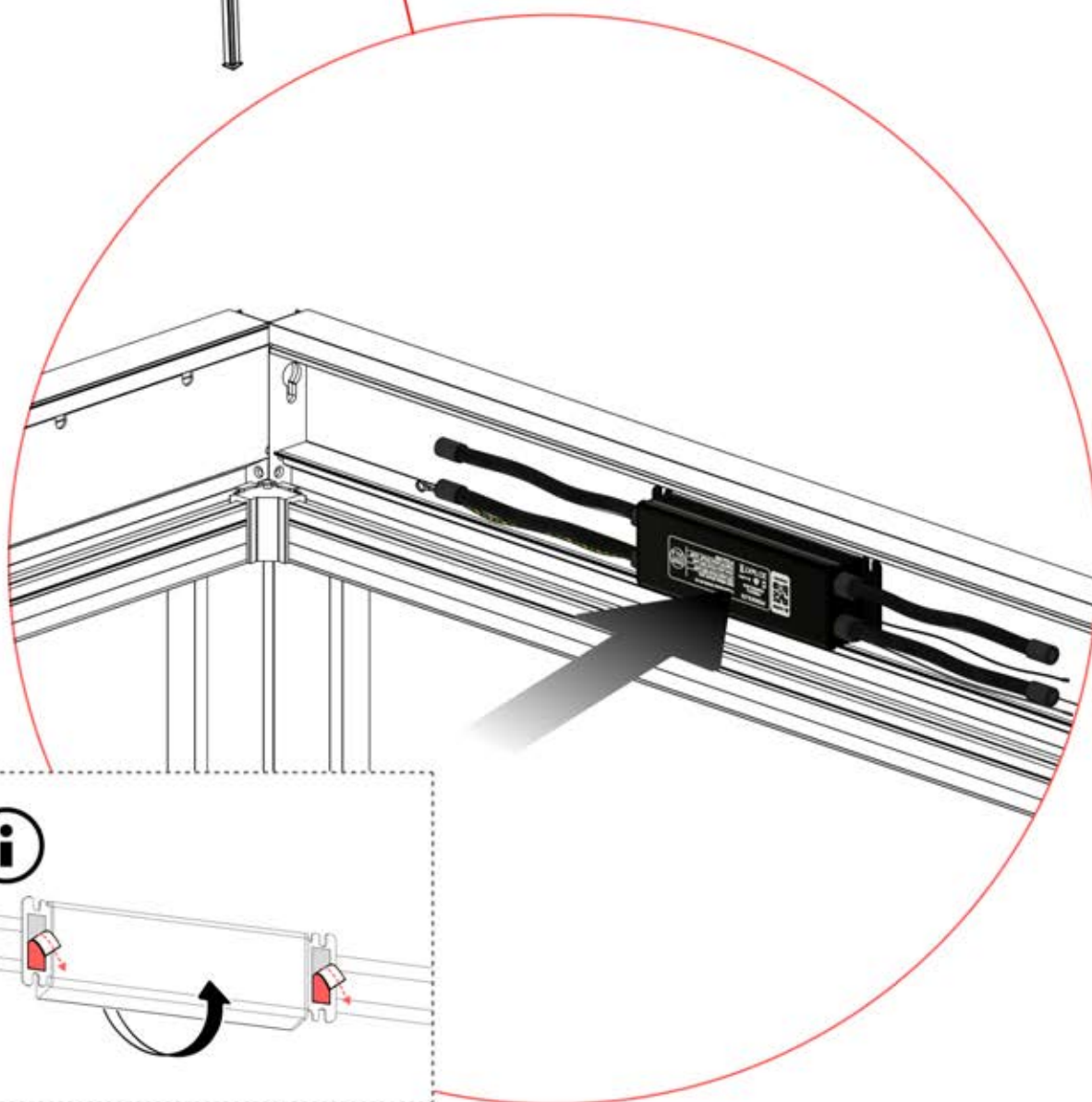


26

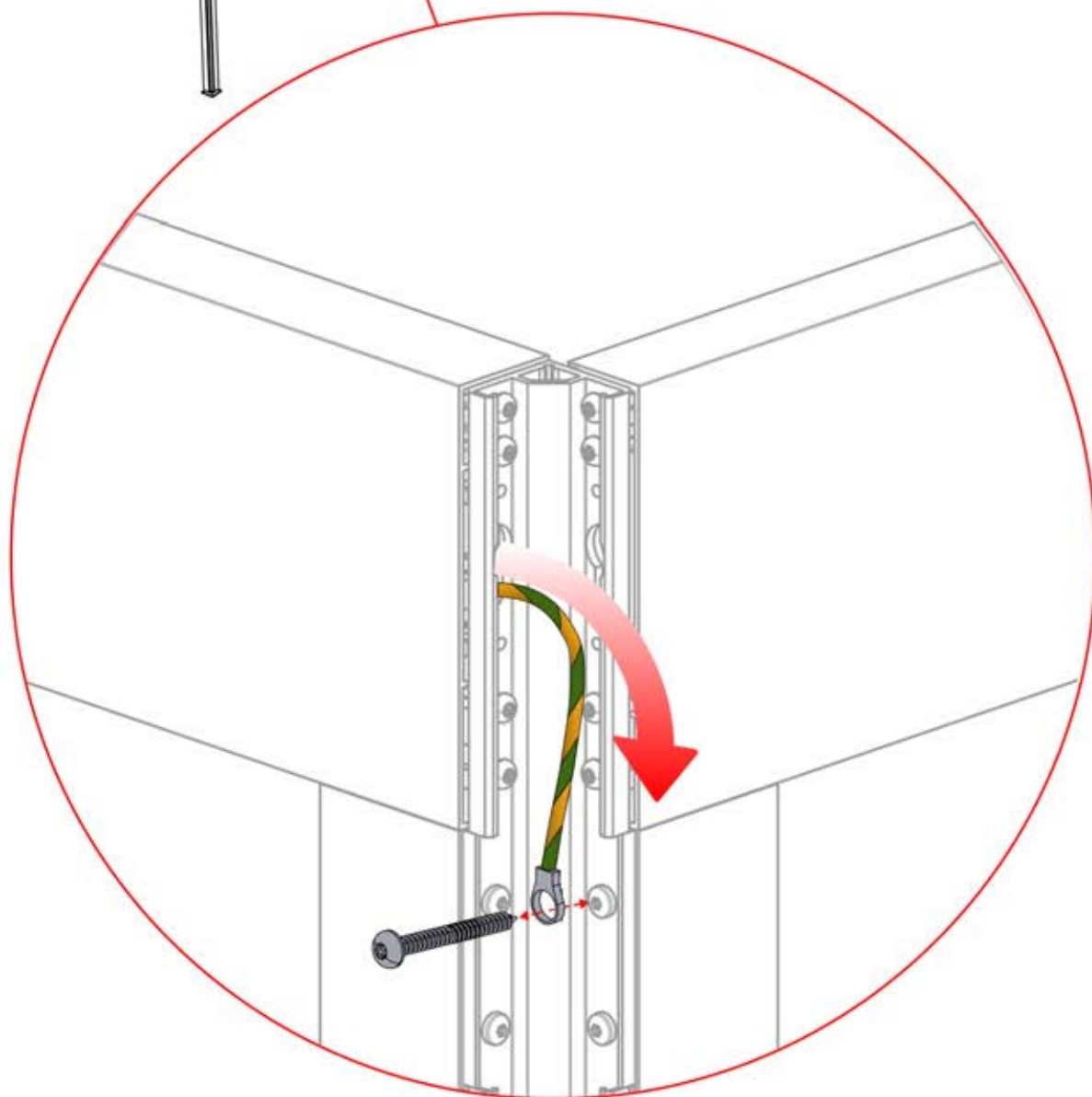
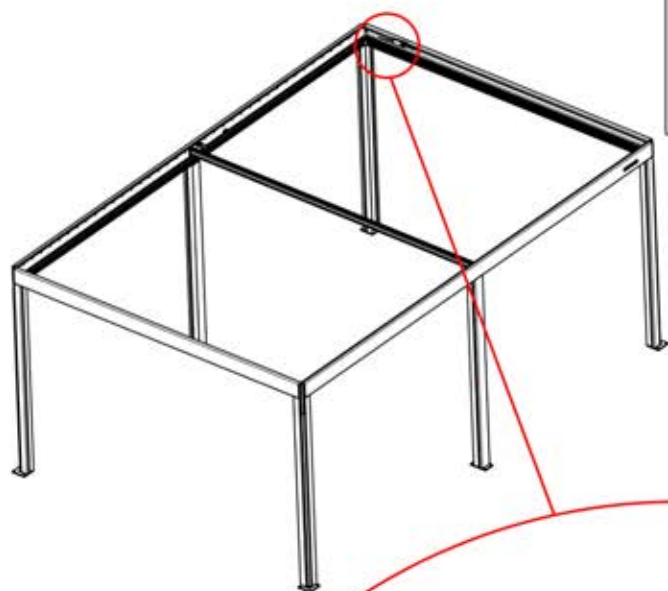
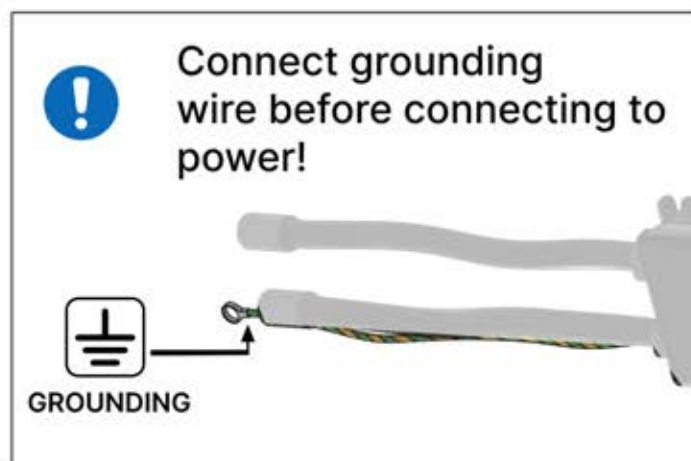


!

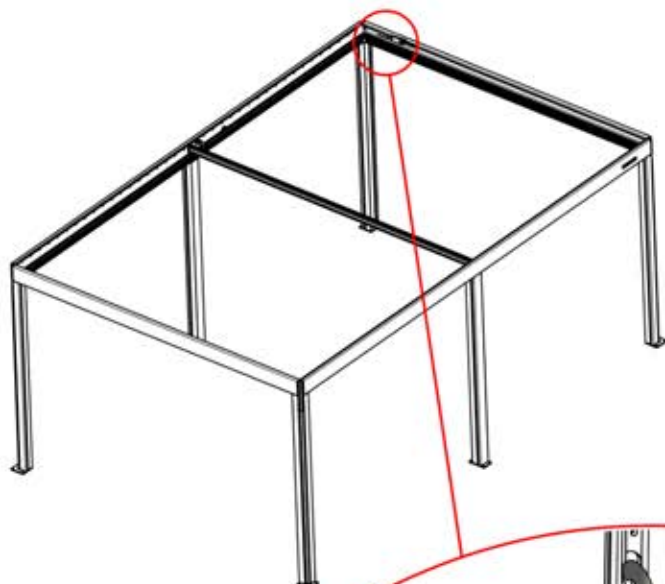
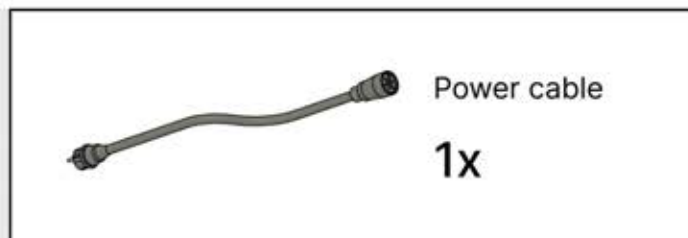
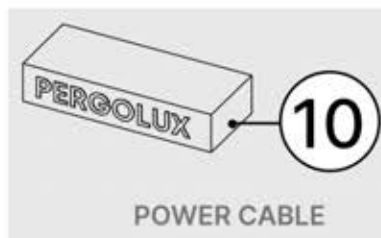
Control Box can be installed on Preferred W BEAM



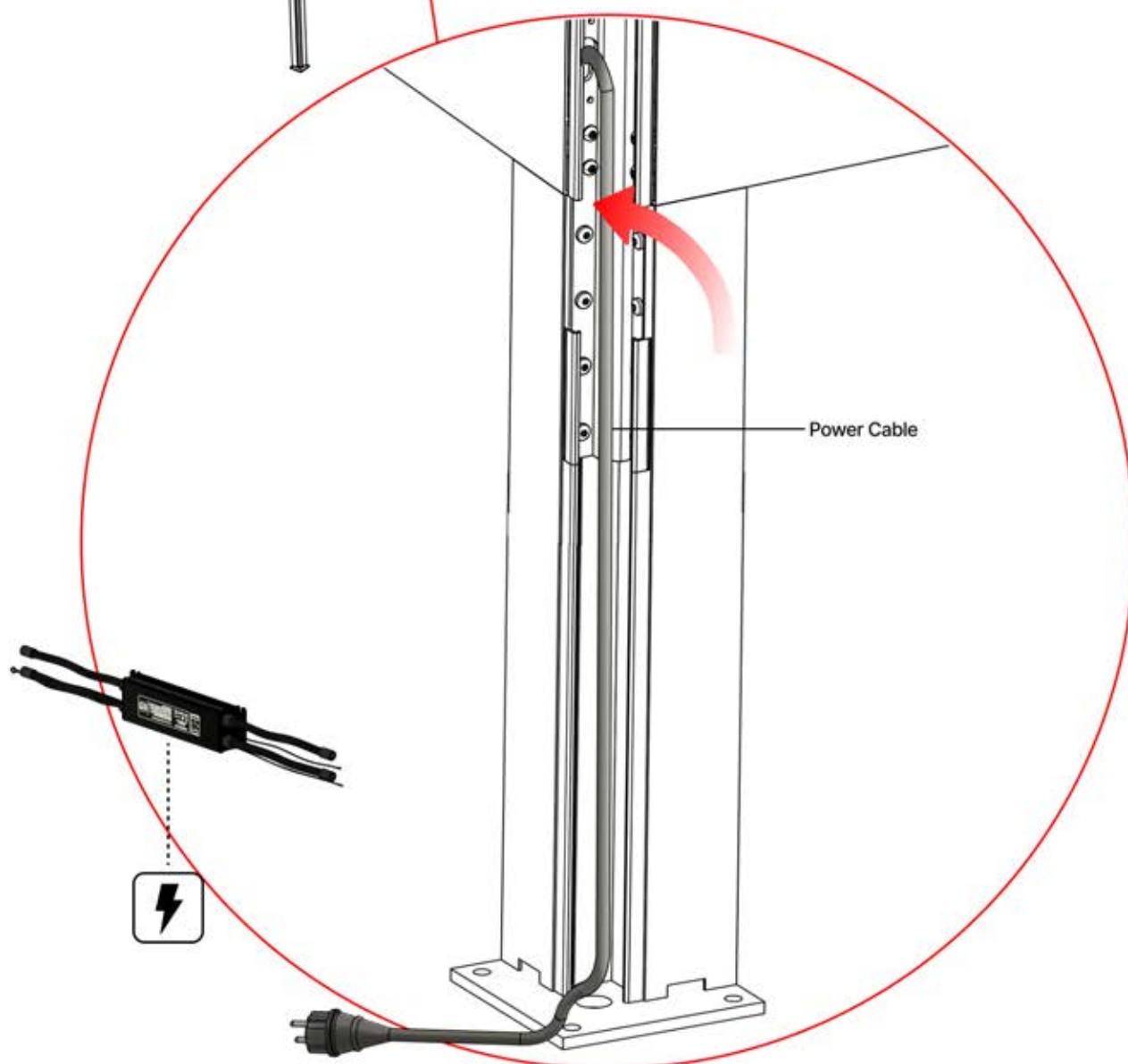
27



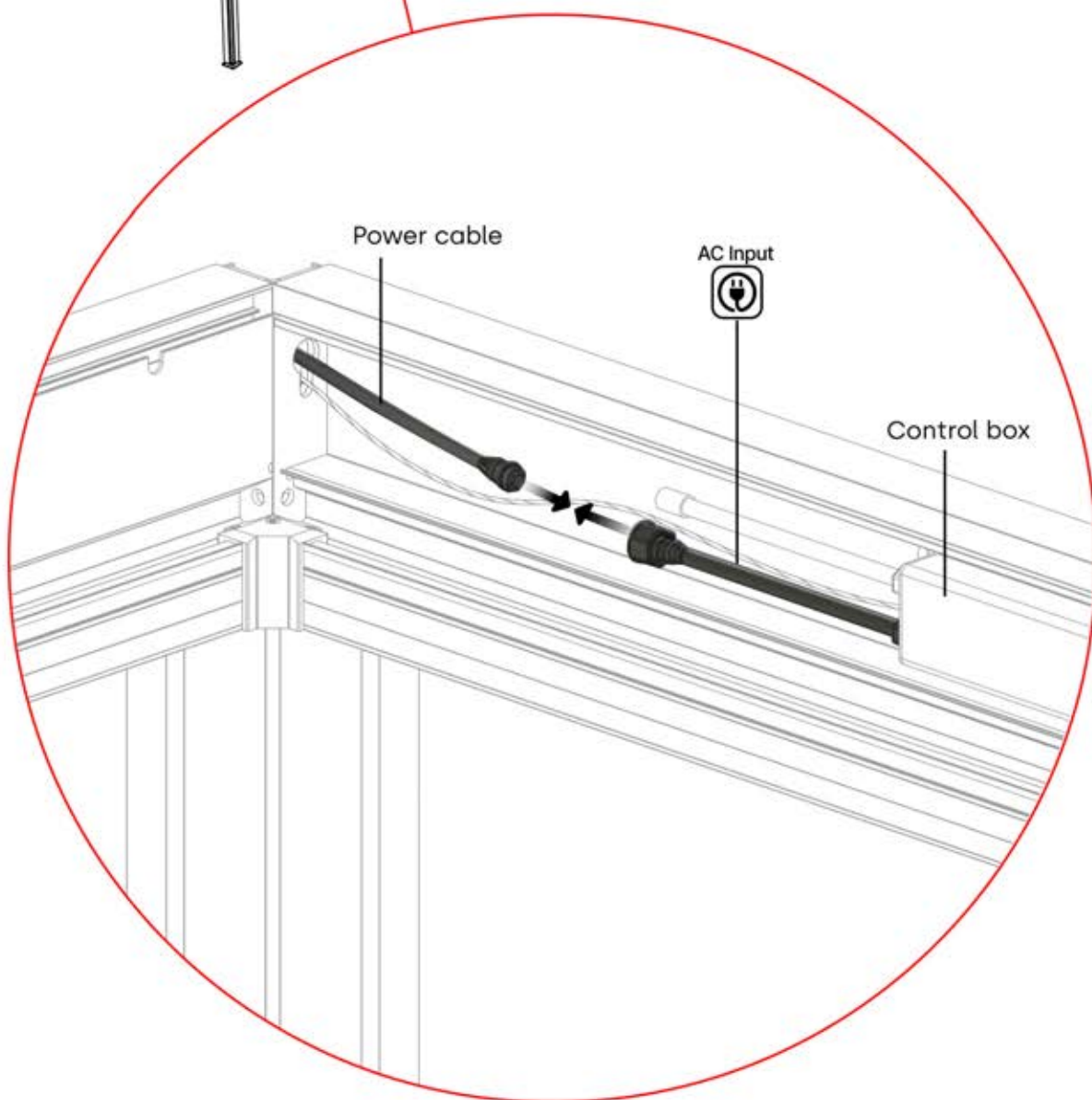
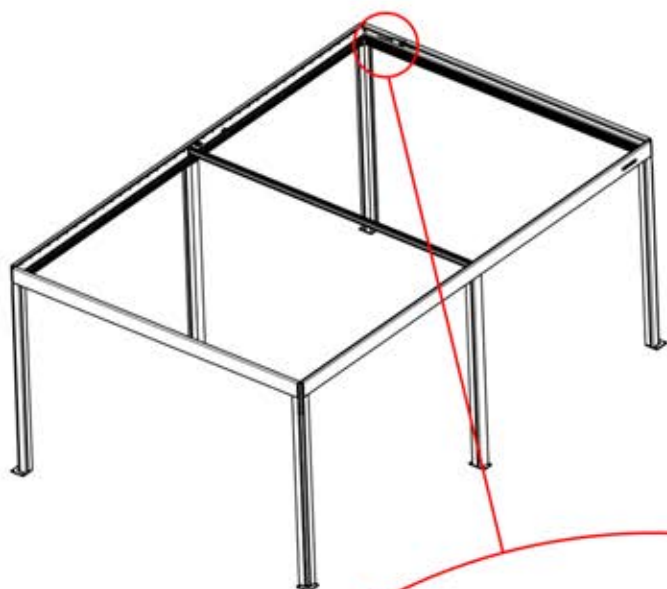
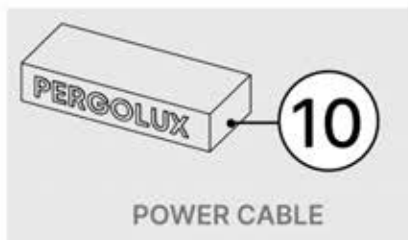
28



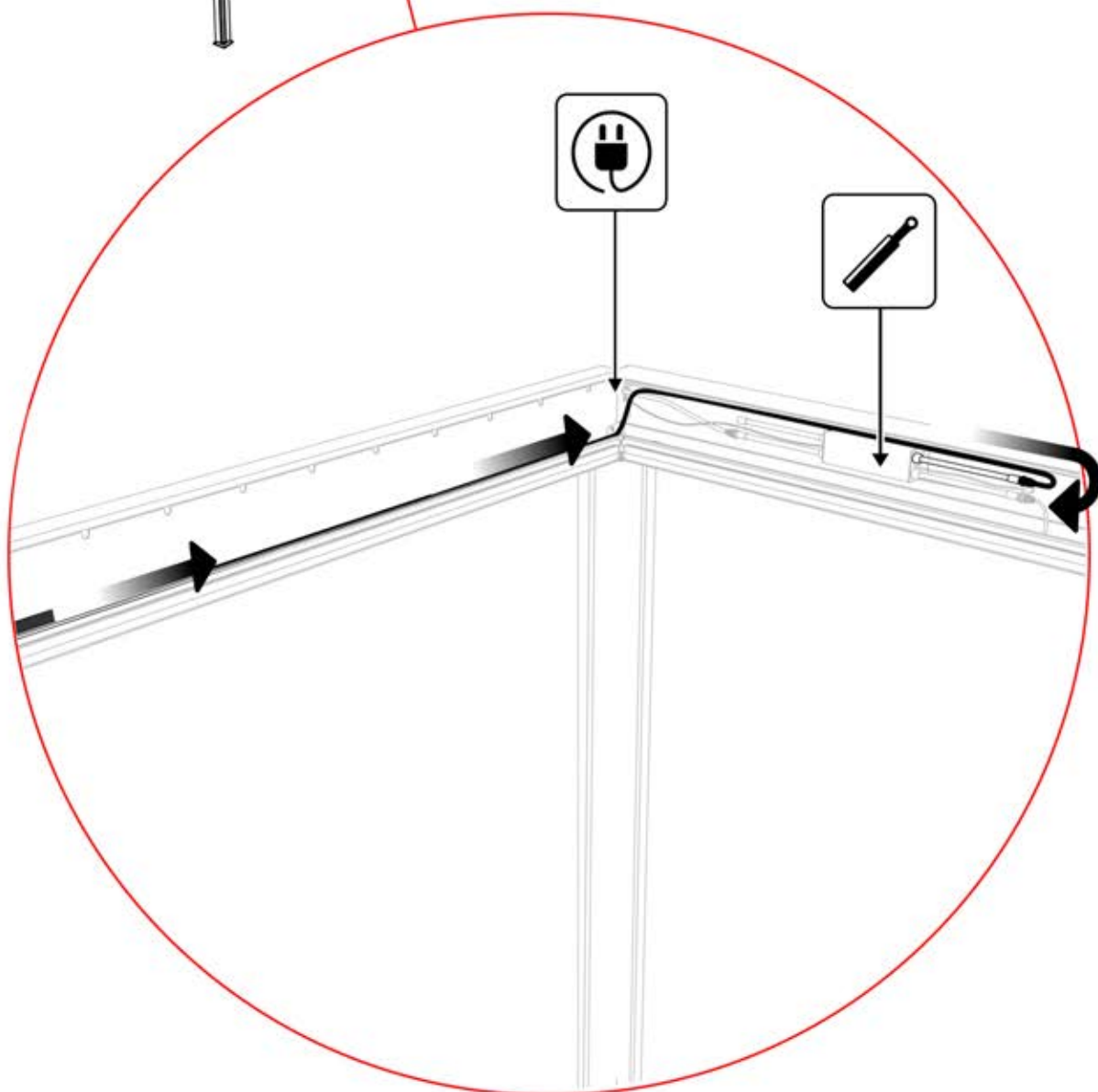
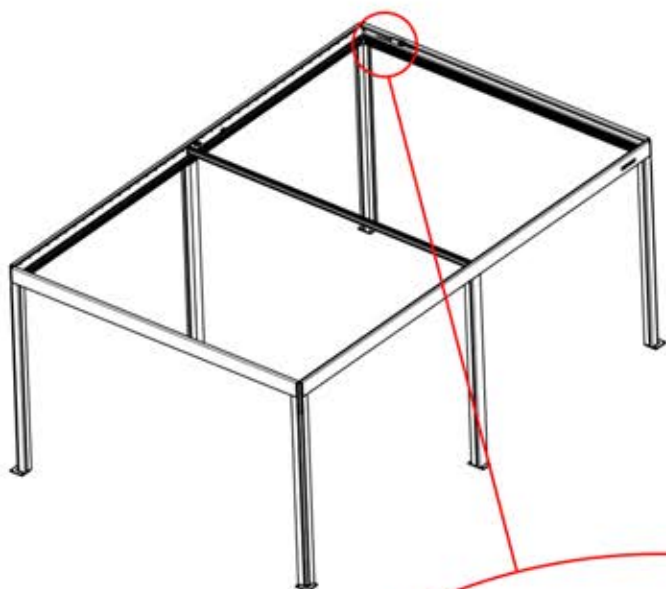
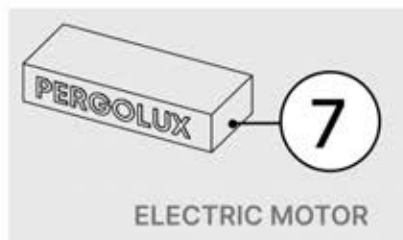
!
Power Cable can be
routed through all
the Poles.



29



30

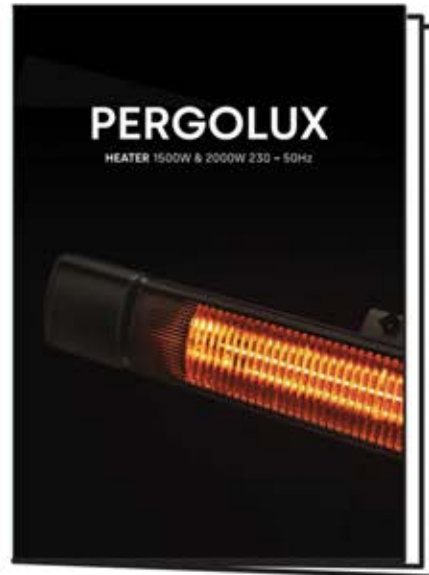


31

1

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

Follow the instructions in the heater assembly manual.



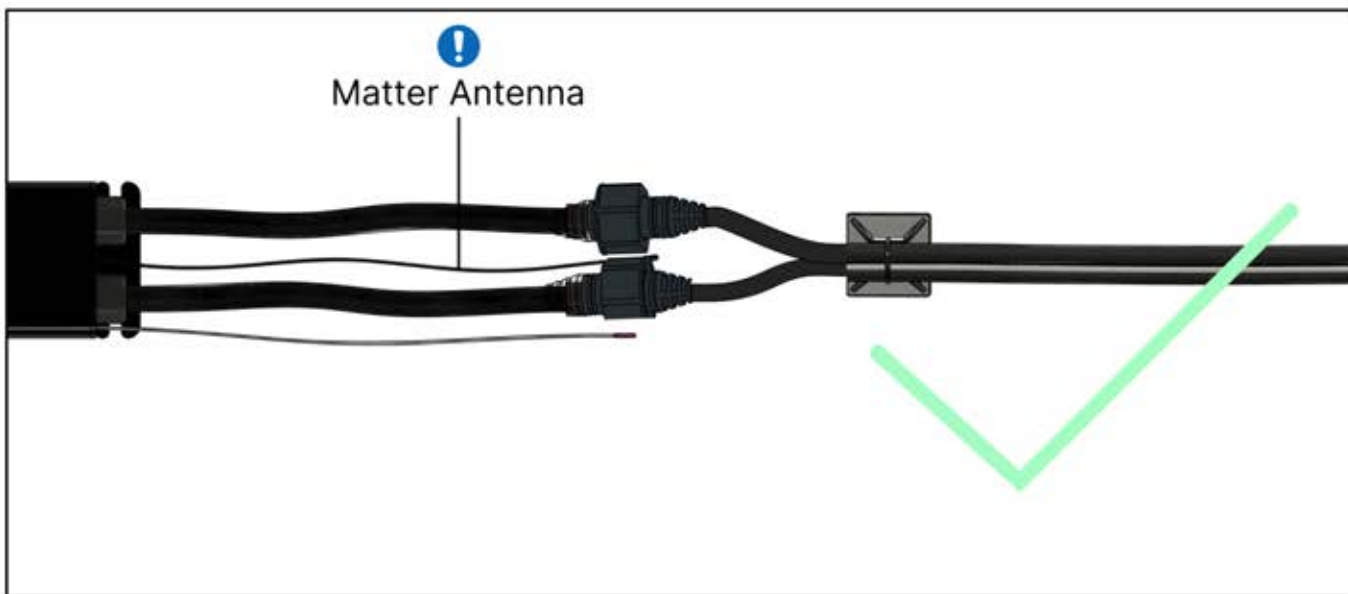
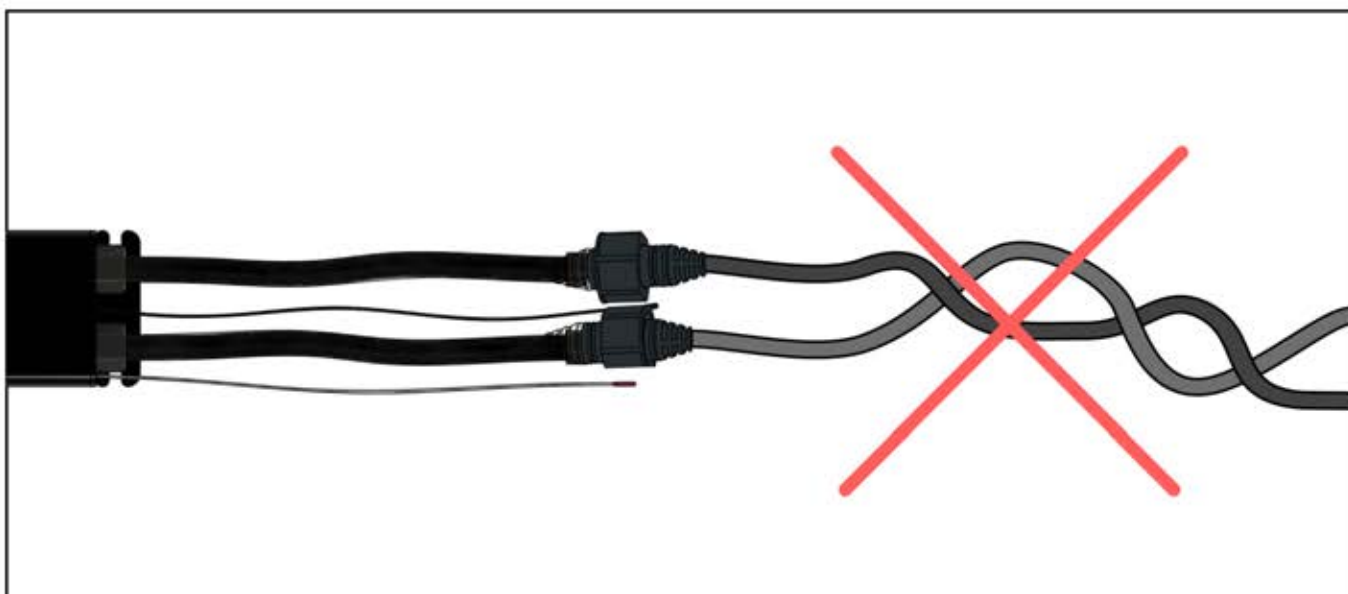
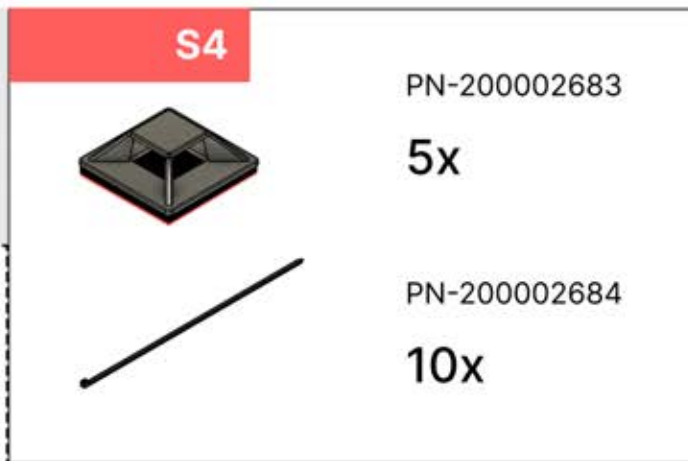
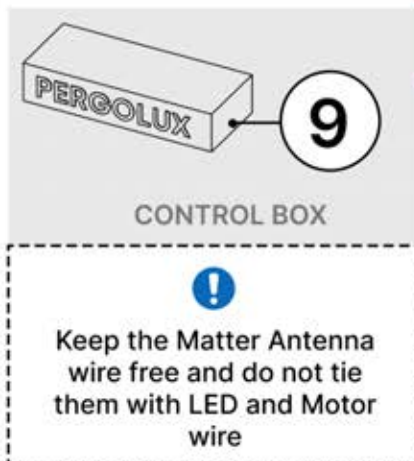
2

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

Follow the instruction in the assembly manual.



32



33



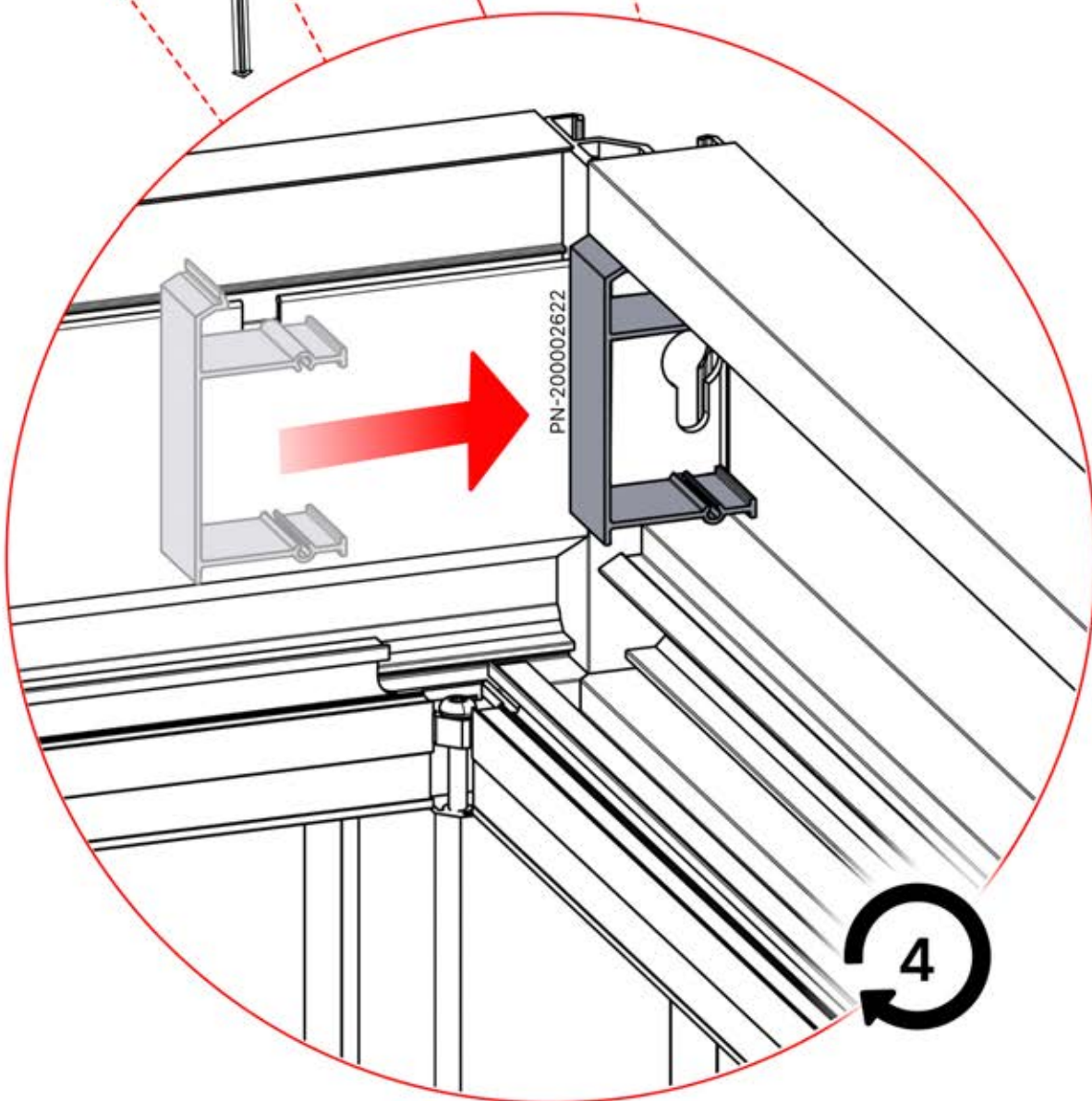
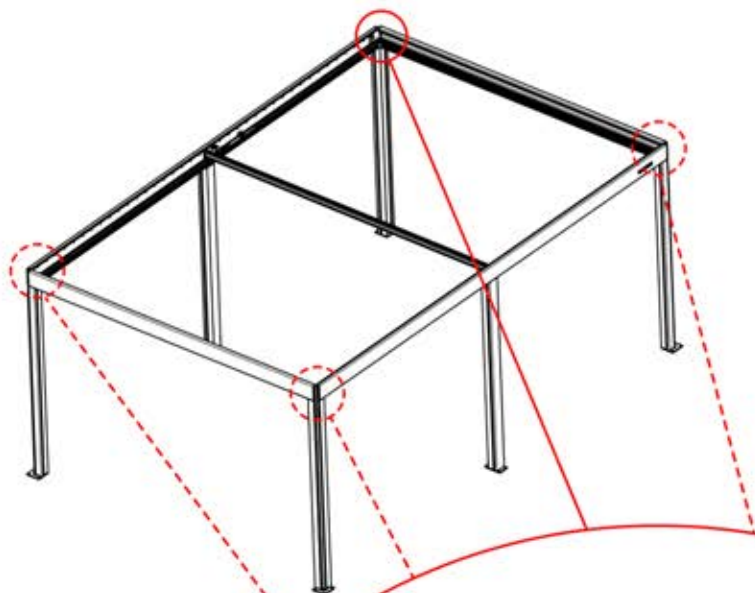
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

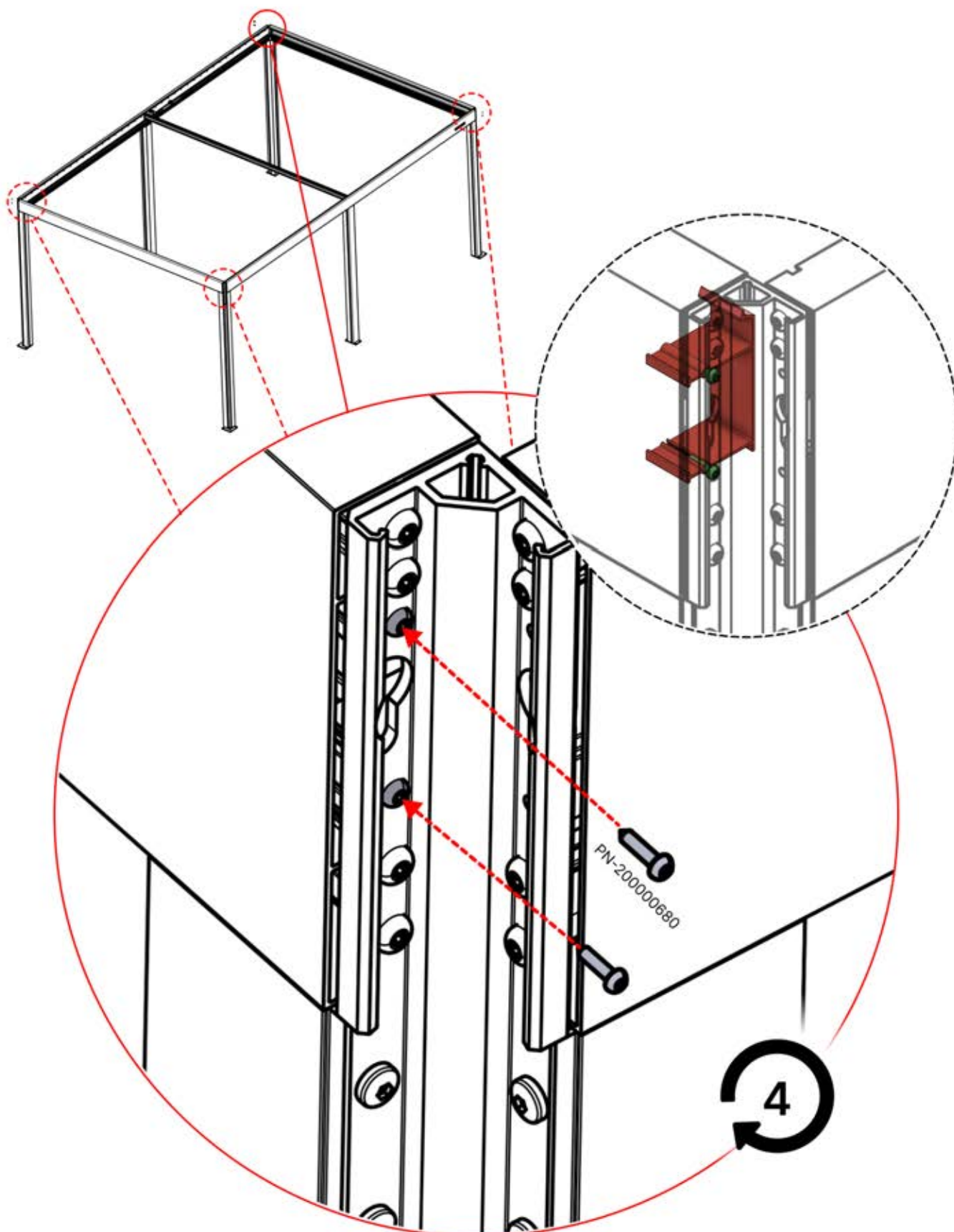
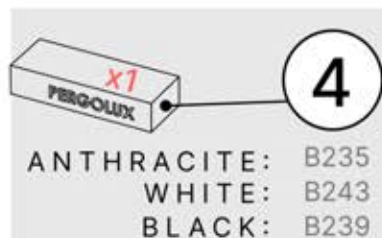


PN-200002622

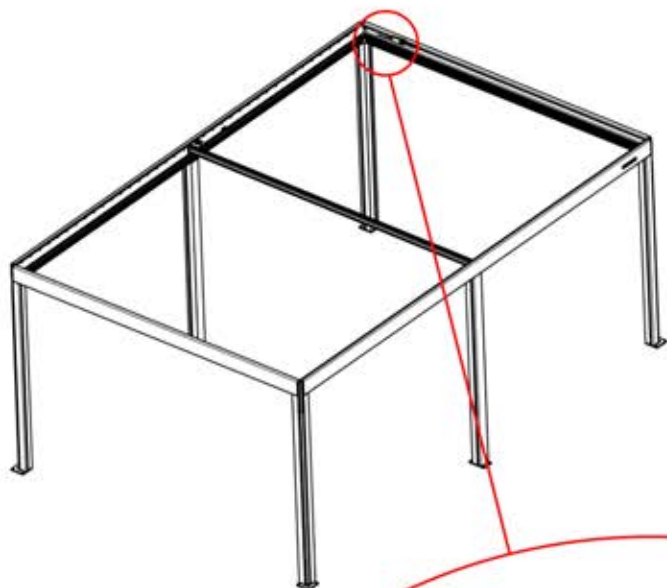
4x



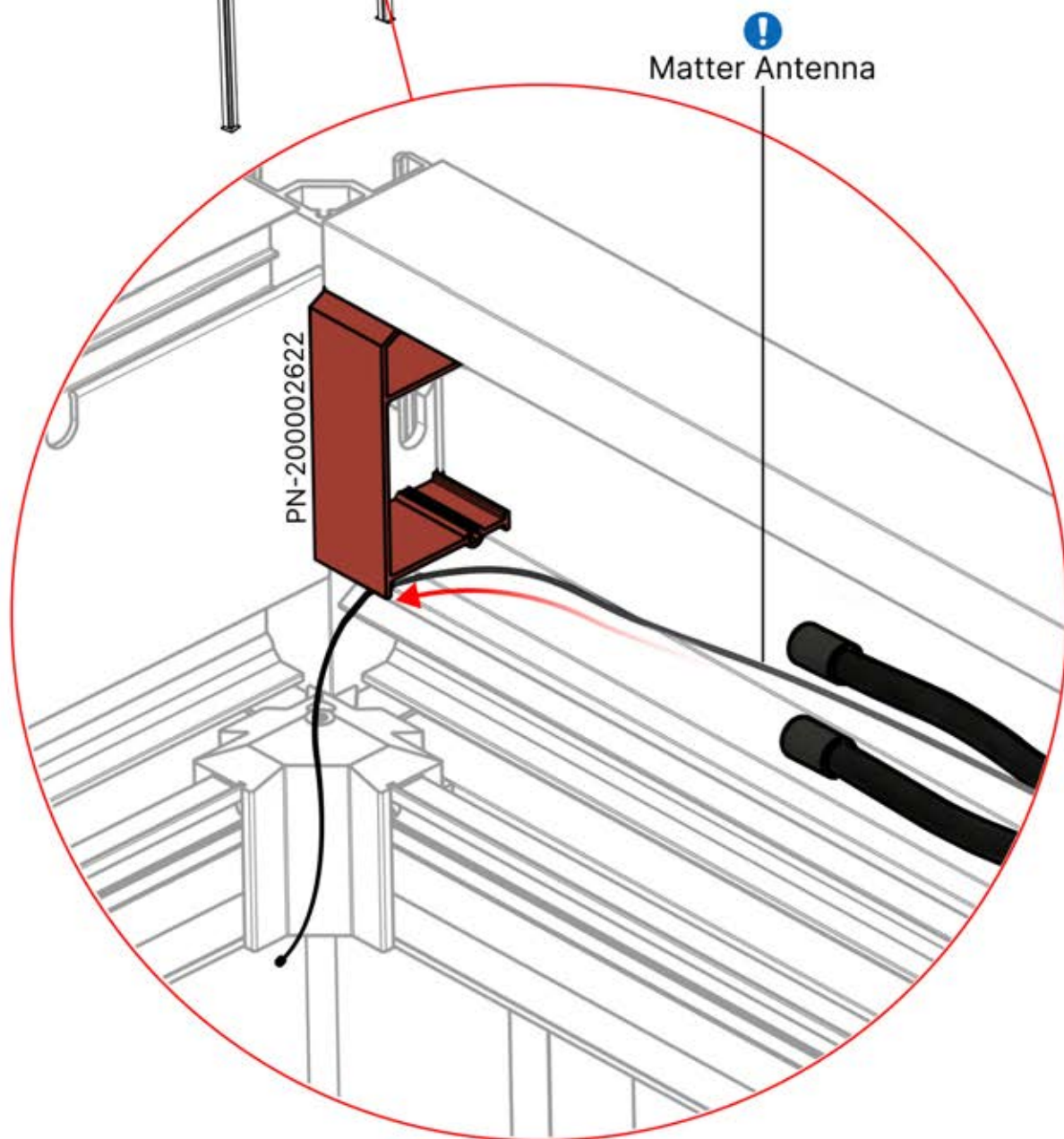
34



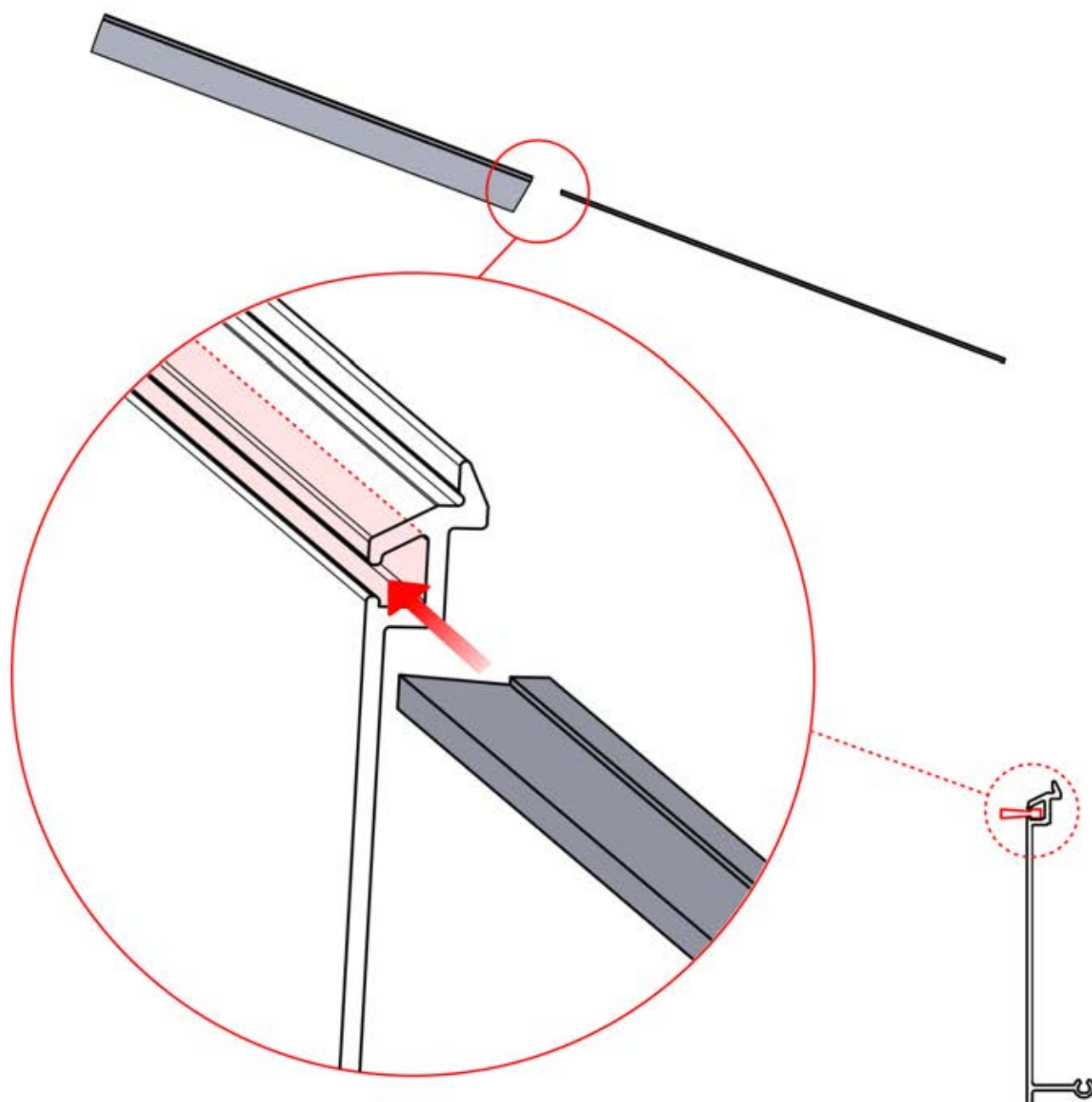
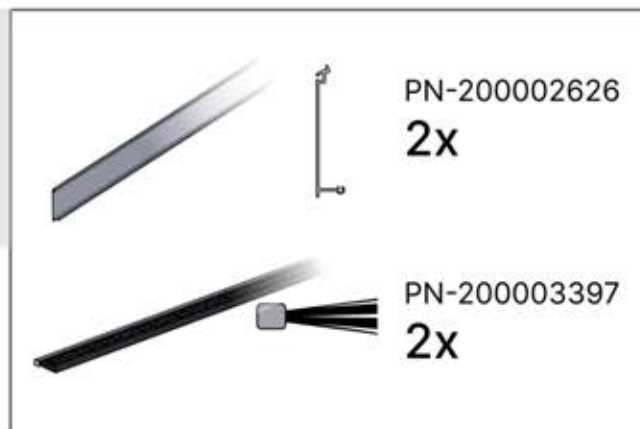
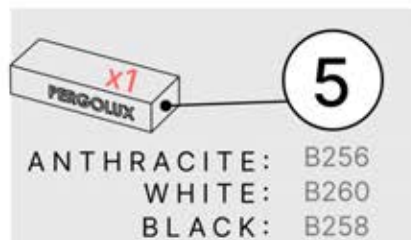
35



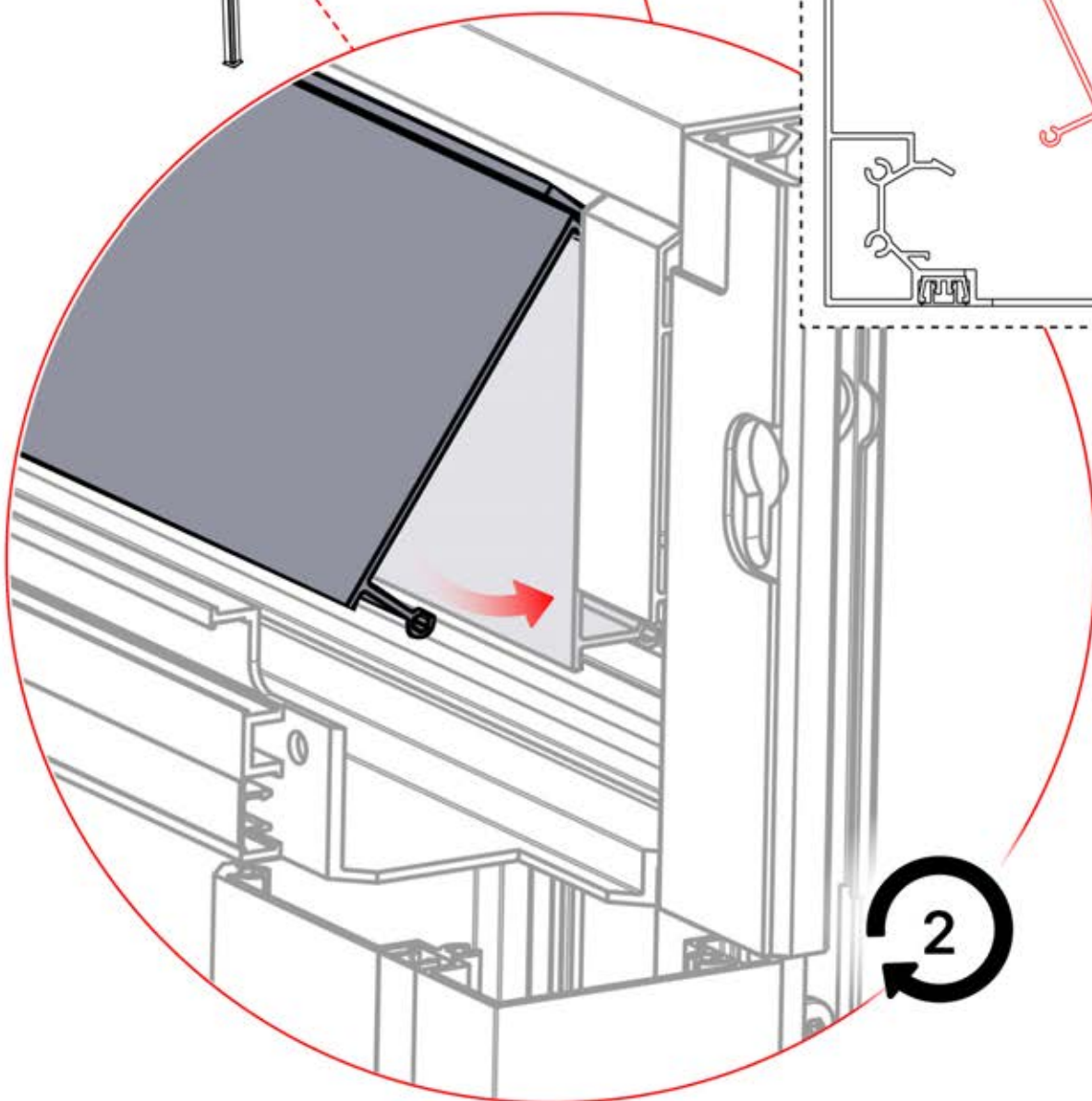
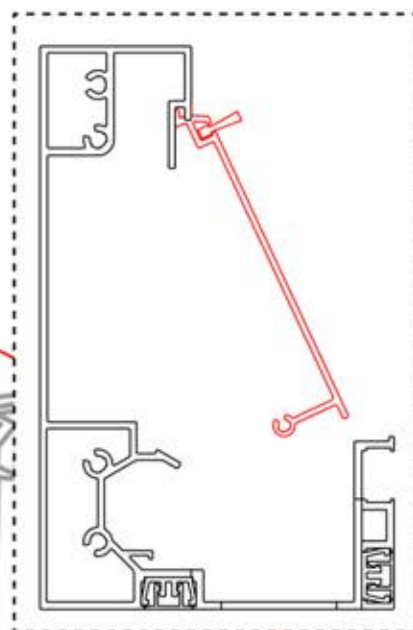
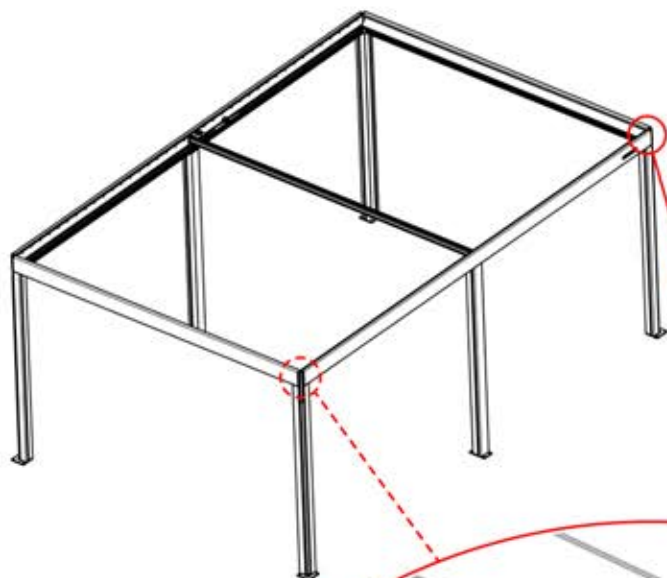
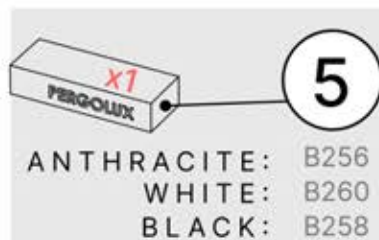

Route the Matter
Antenna and place it
below the highlighted
part(PN-200002622).



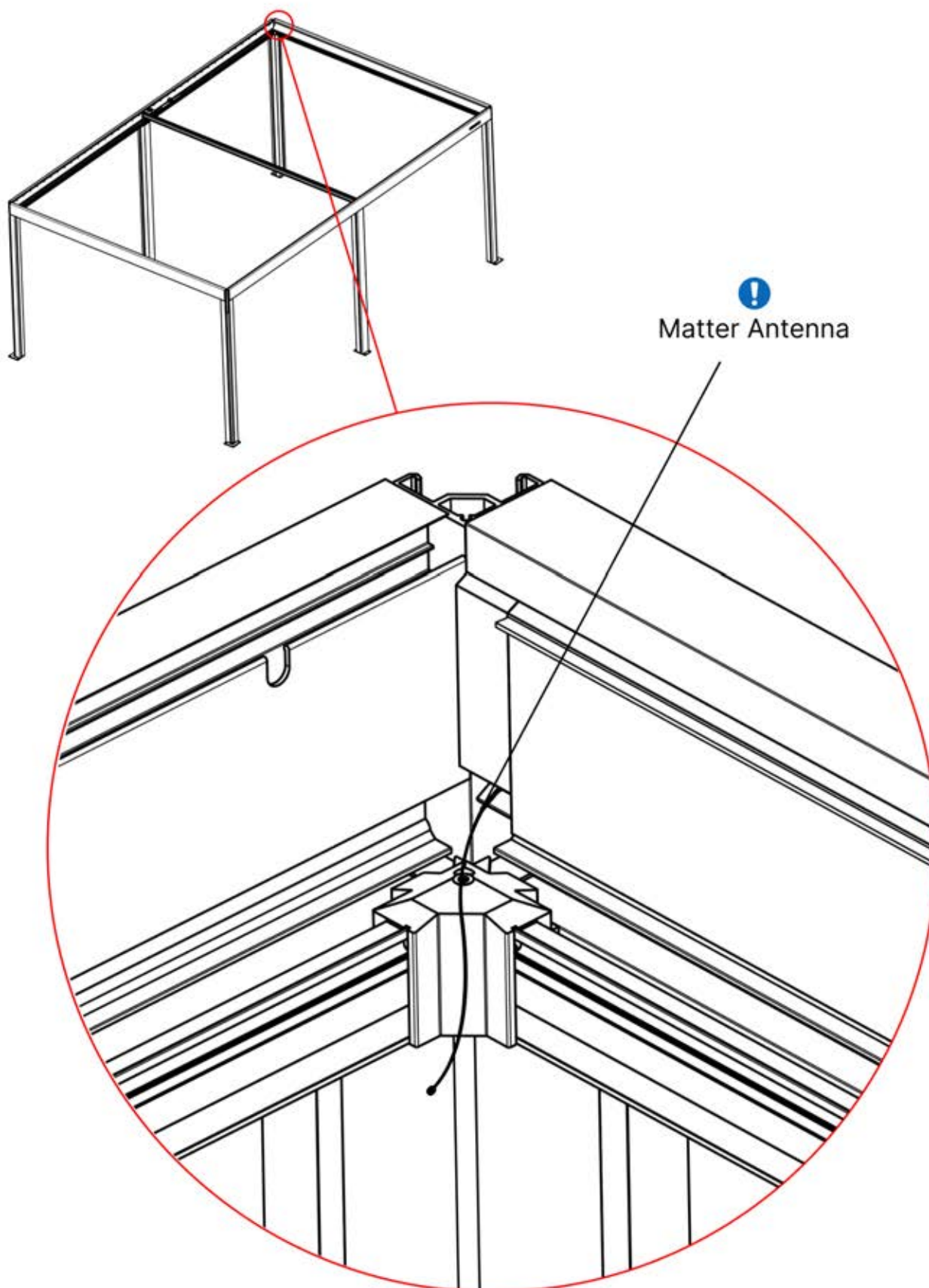
36



37



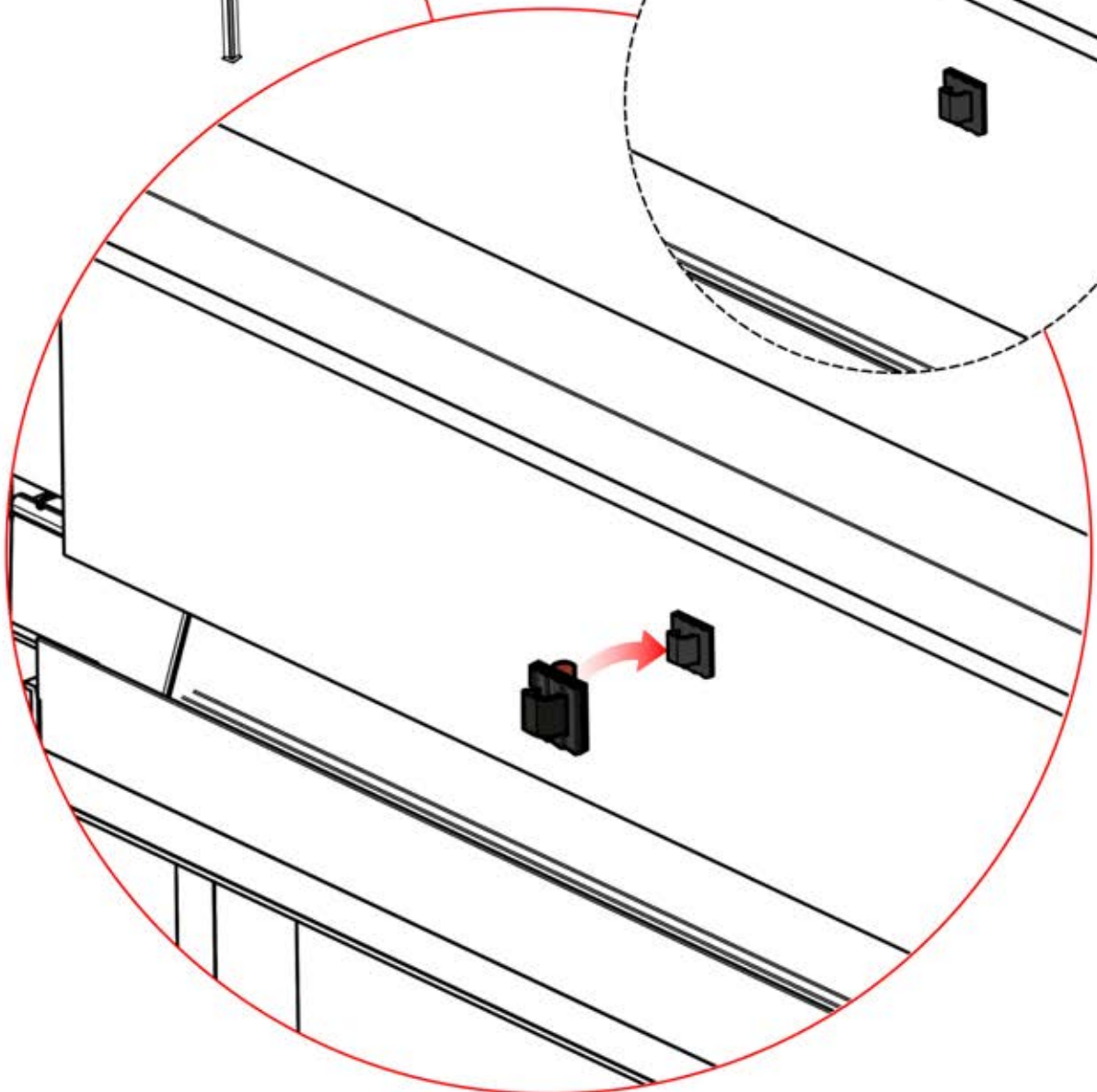
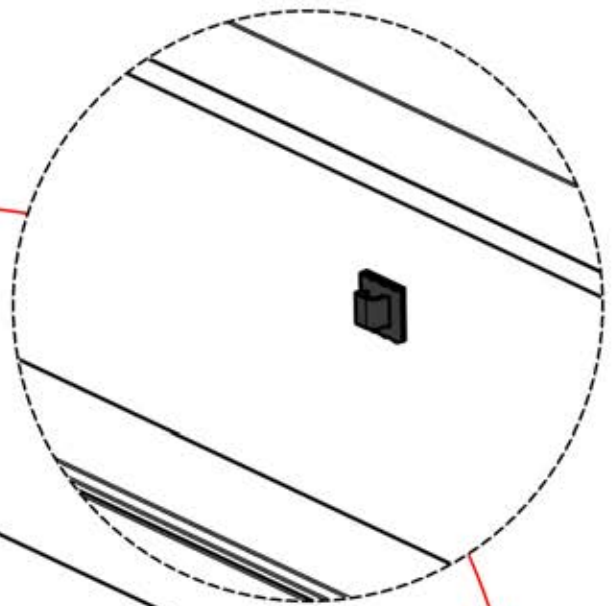
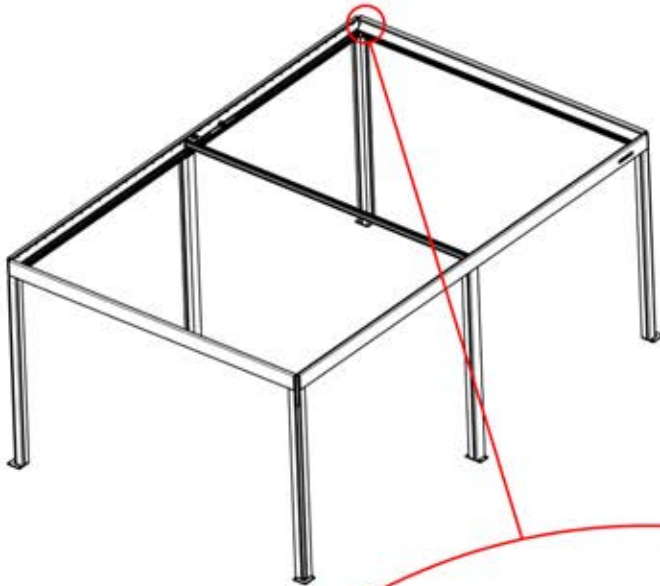
INFORMATION



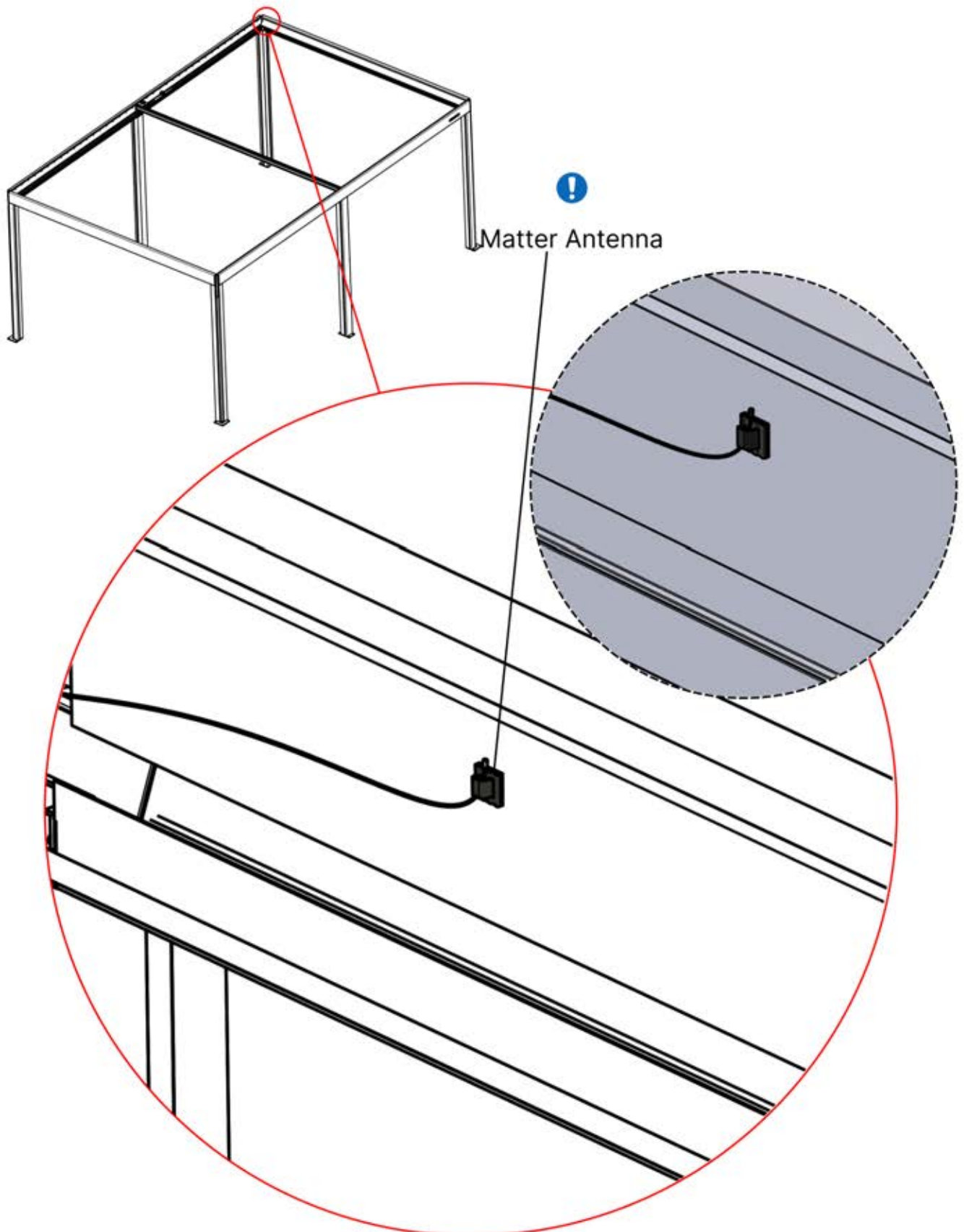
38



Matter
Antenna Clip
1x



39

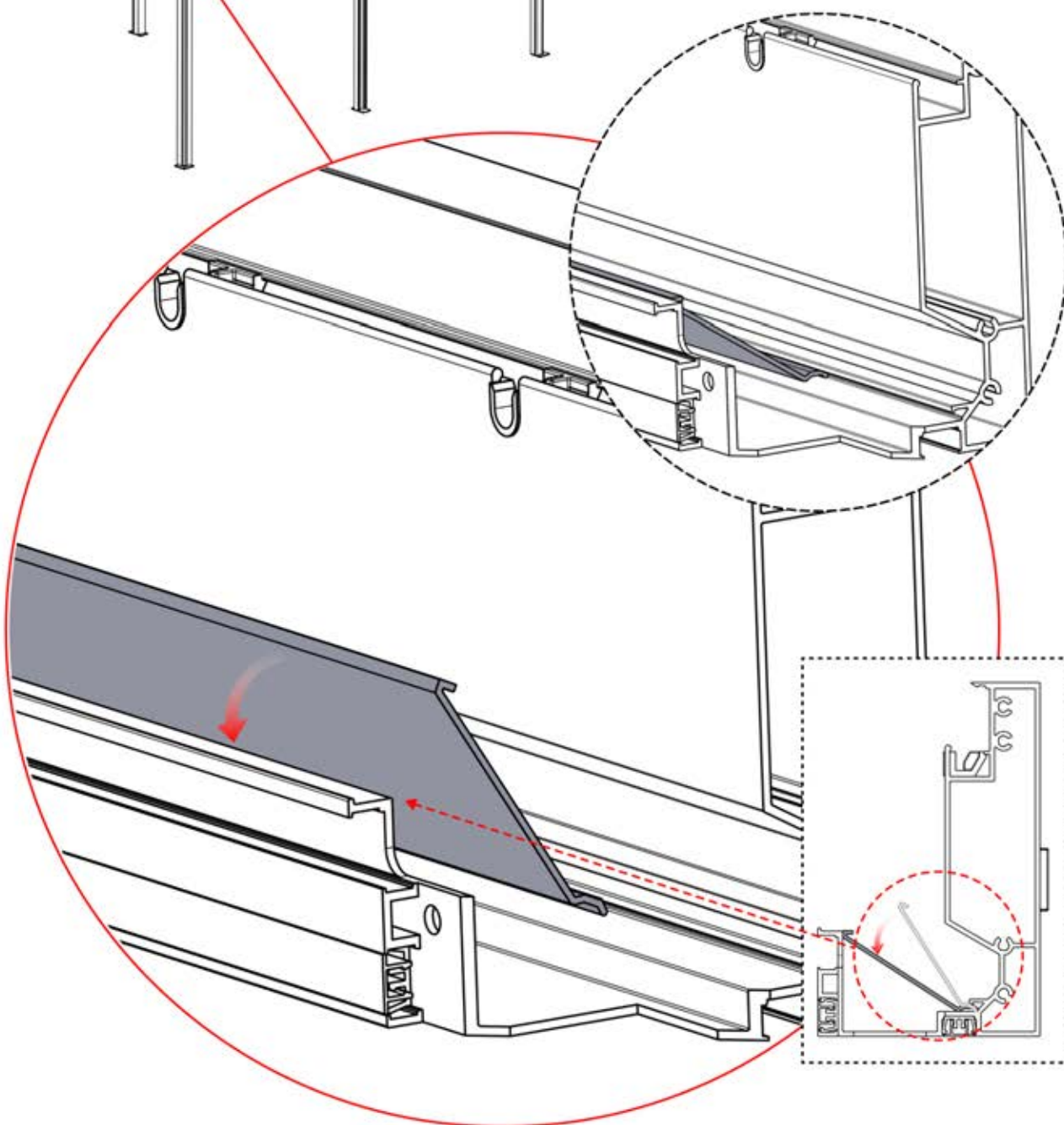
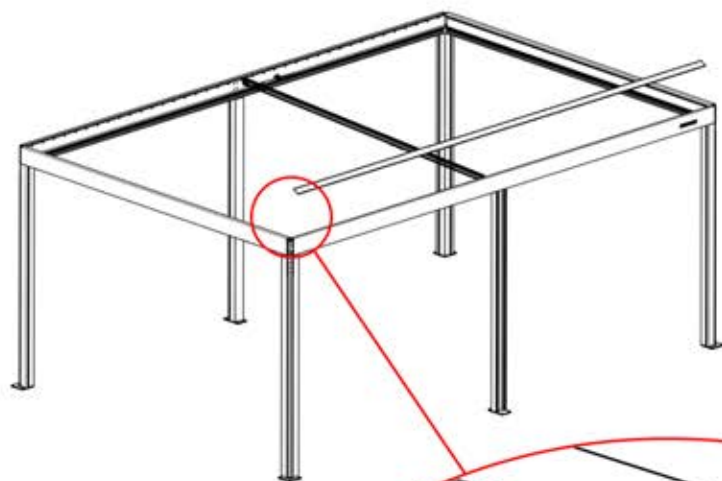
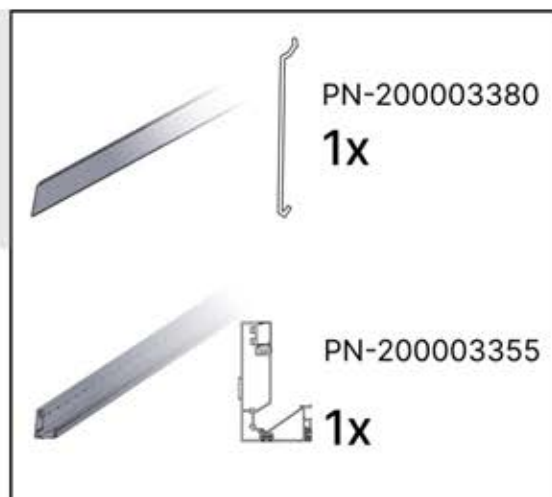


40



4

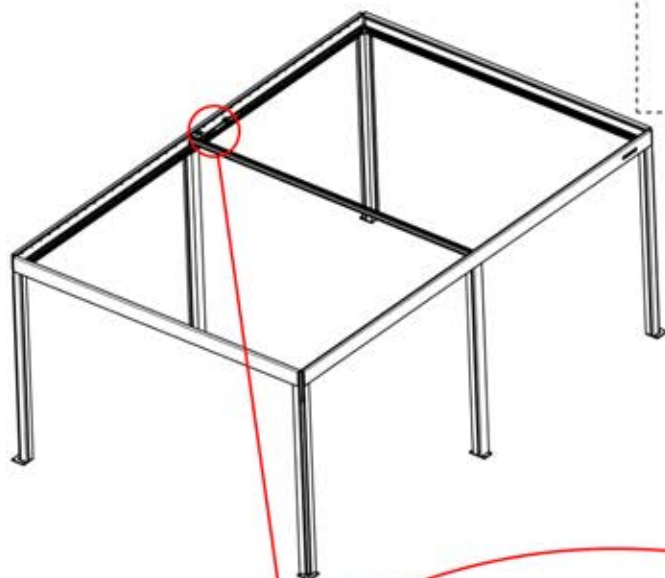
ANTHRACITE: B235
WHITE: B243
BLACK: B239



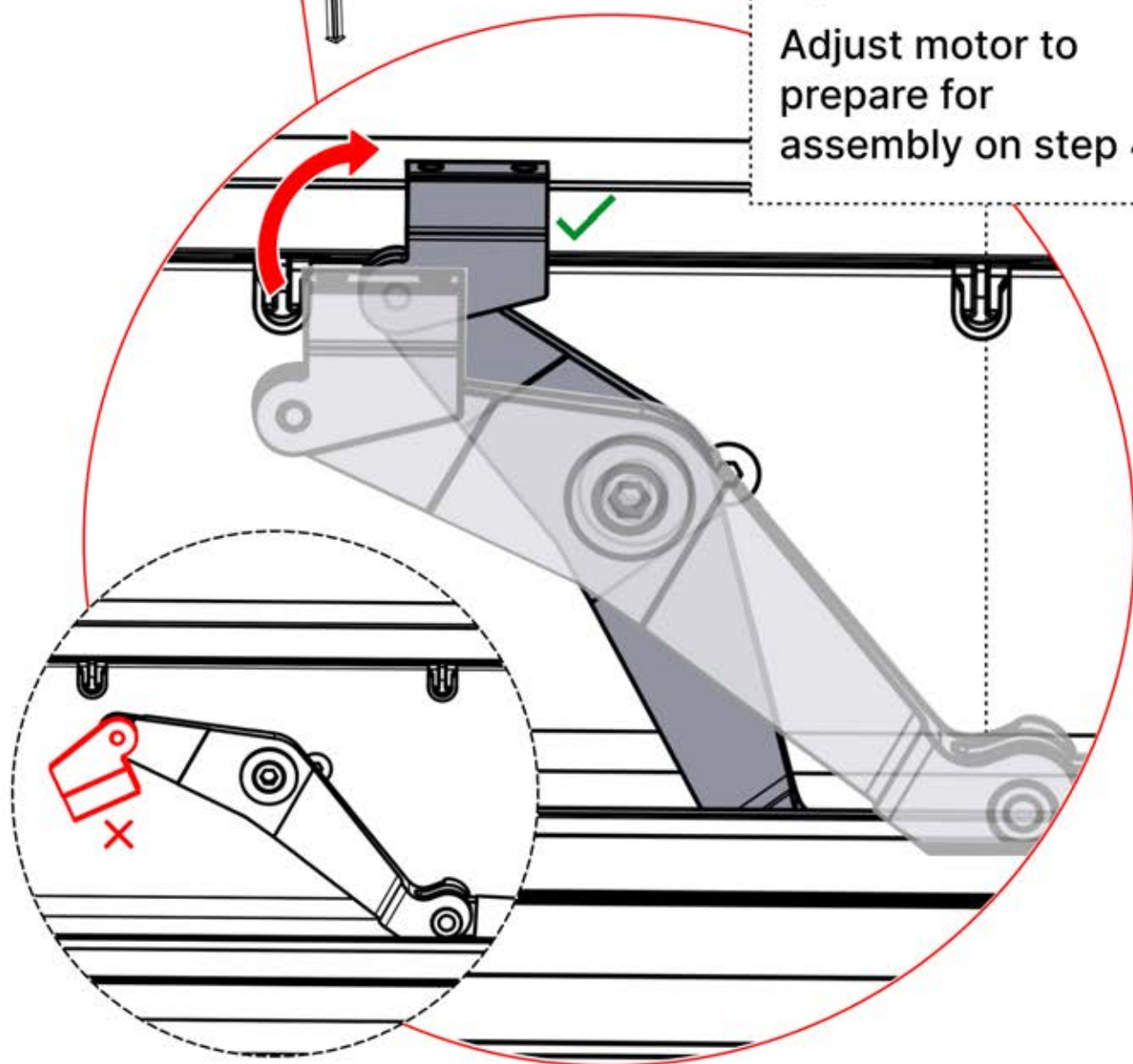
41



Remote
Controller



Adjust motor to
prepare for
assembly on step 42



42



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



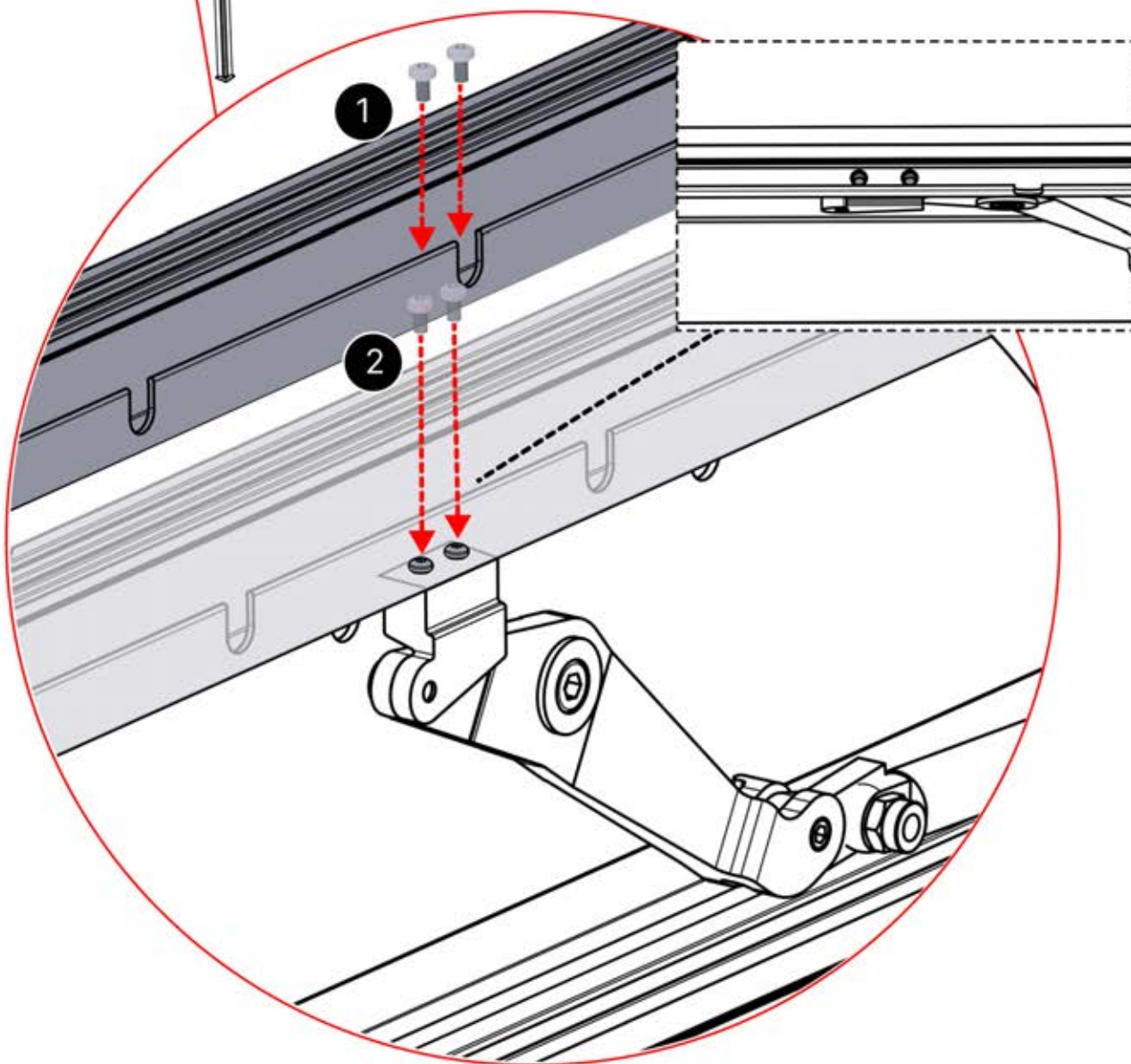
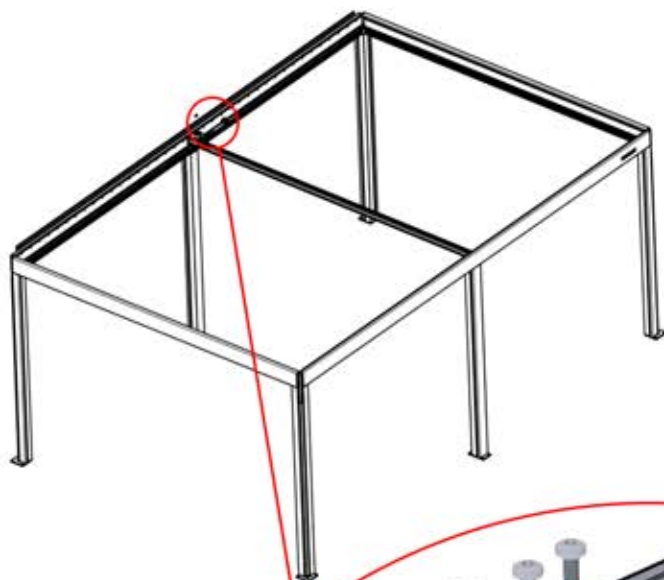
PN-200002866

1x

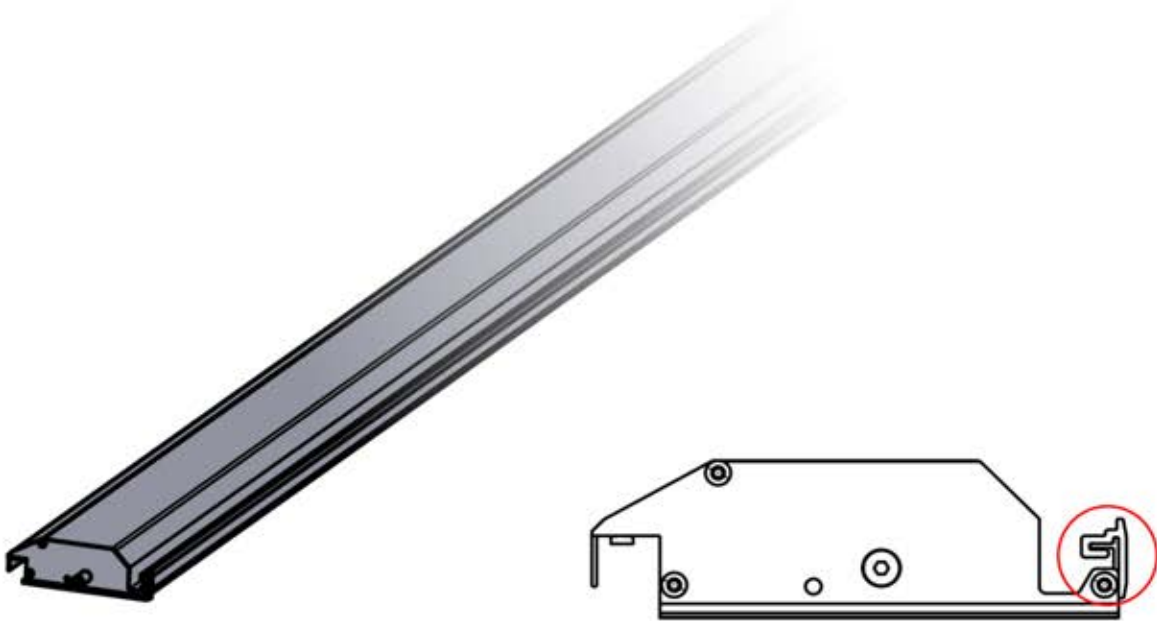


PN-200000826

2x



ITEMS IN BOX



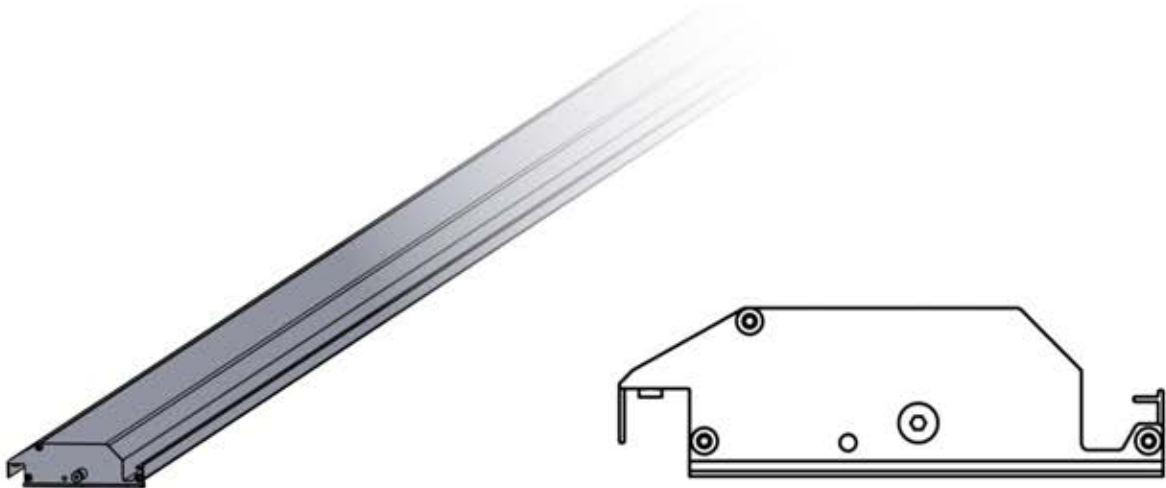


6

ANTHRACITE: B268
WHITE: B272
BLACK: B270

PLR 150 G2 PRO LOUVER END FS 4M
PACKAGE
PN-200002645

1x



Standard



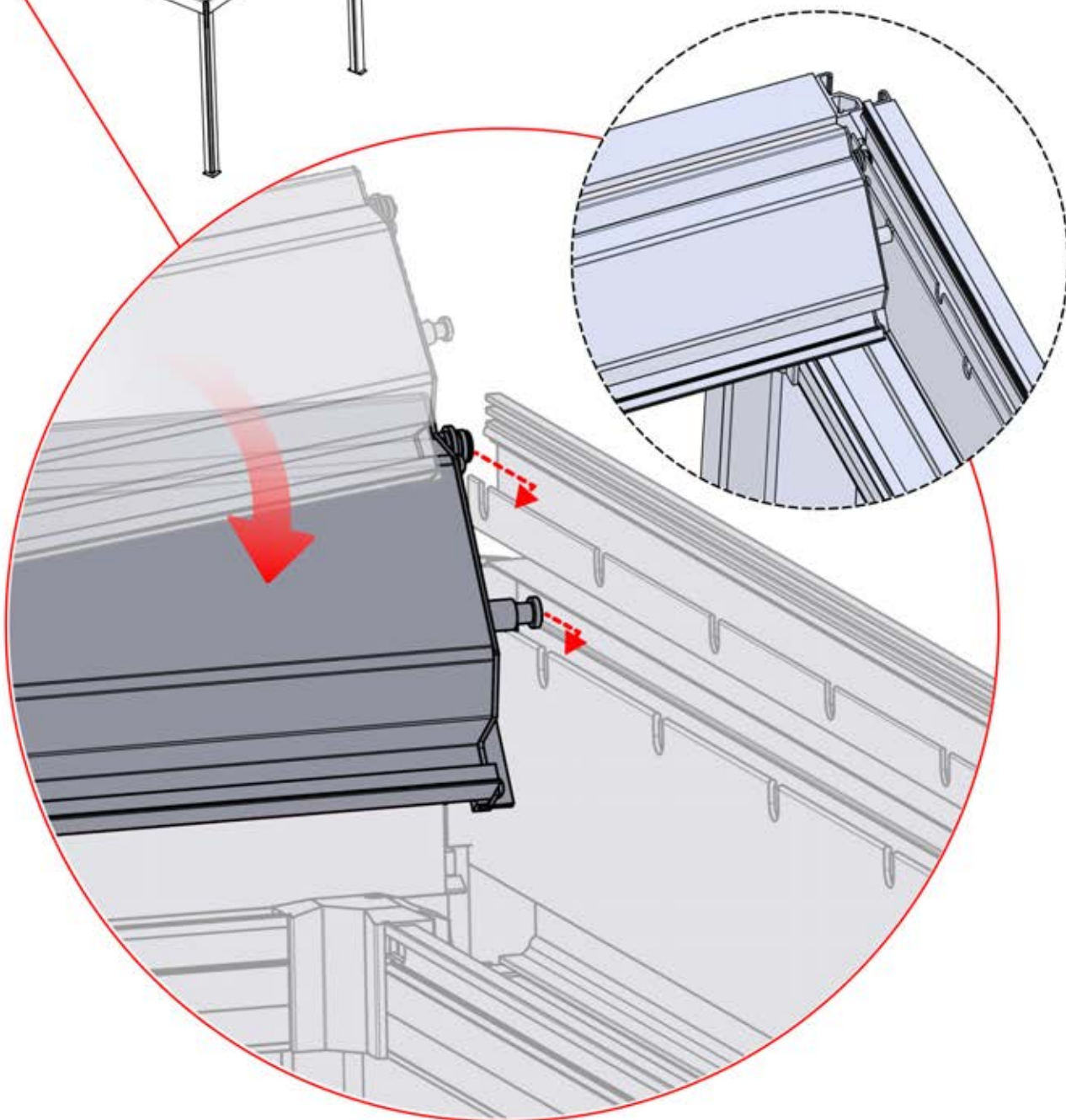
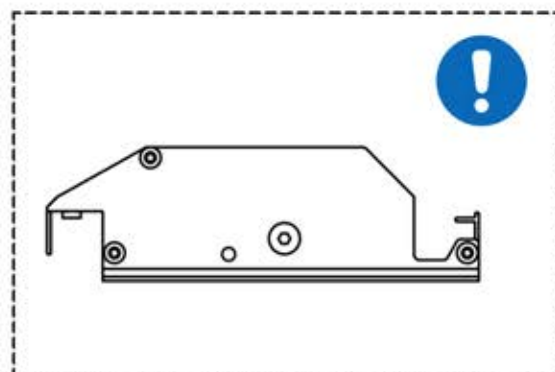
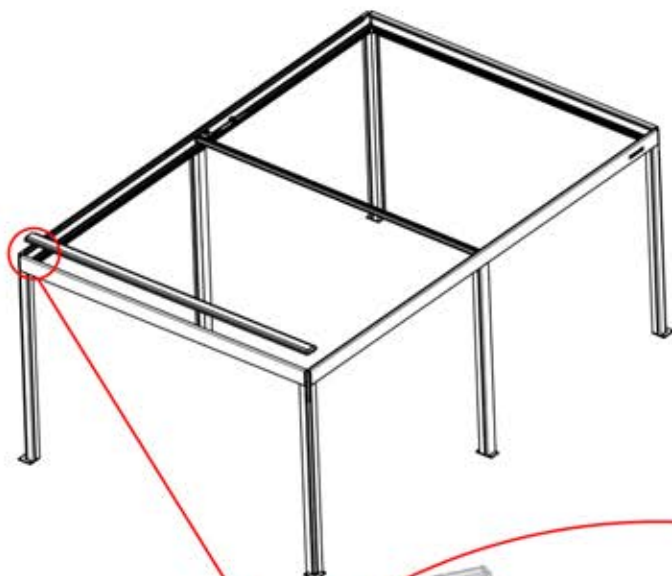
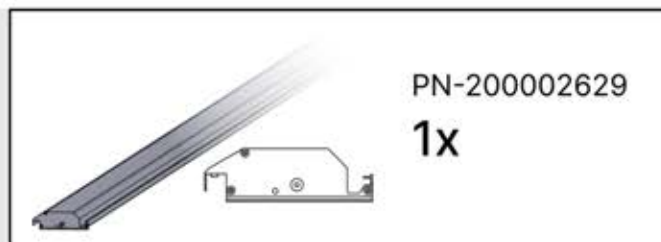
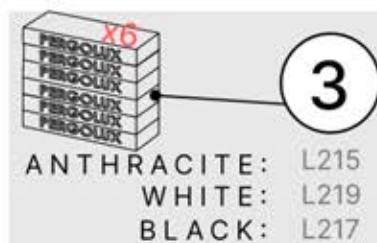
3

ANTHRACITE: L215
WHITE: L219
BLACK: L217

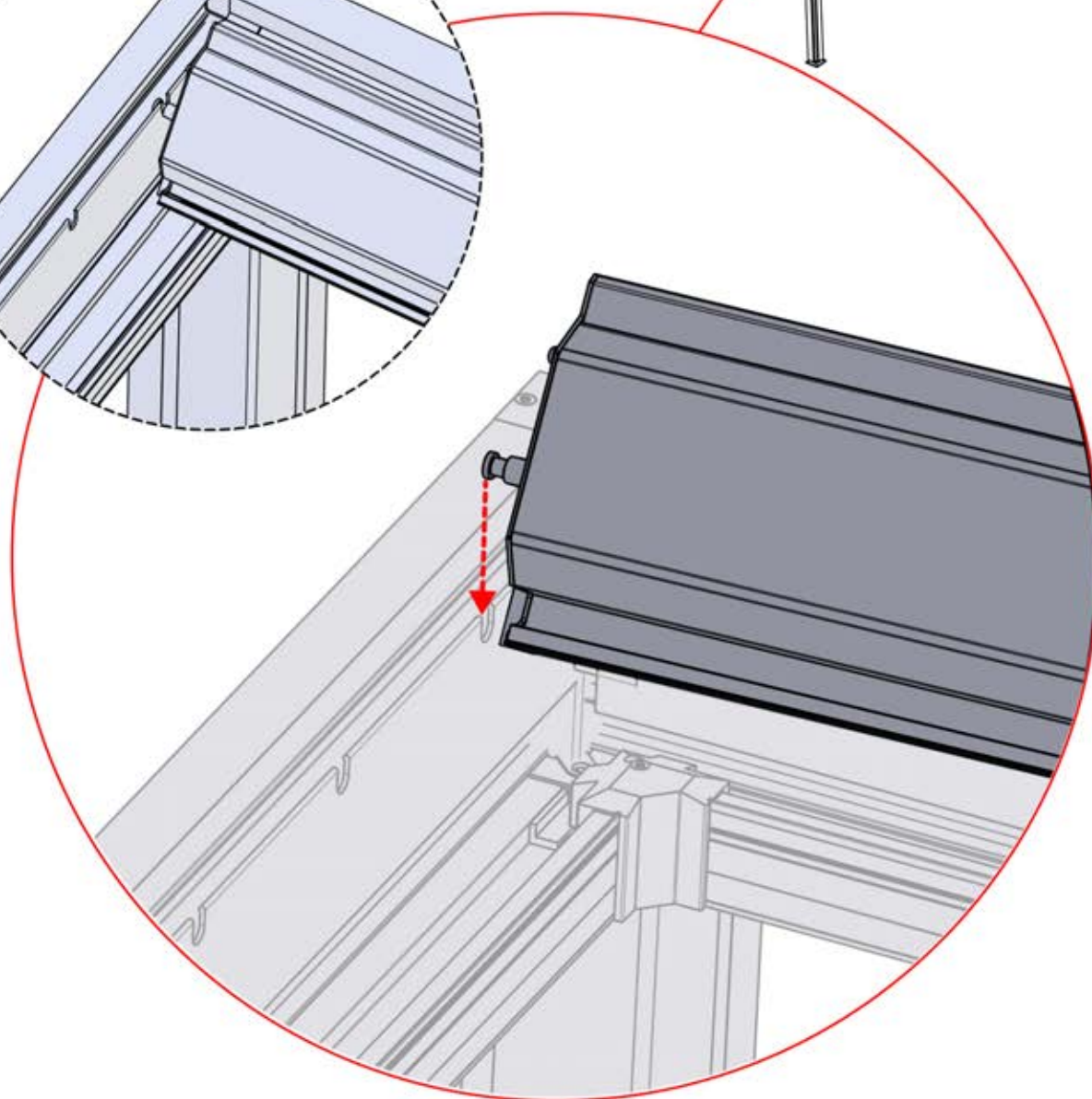
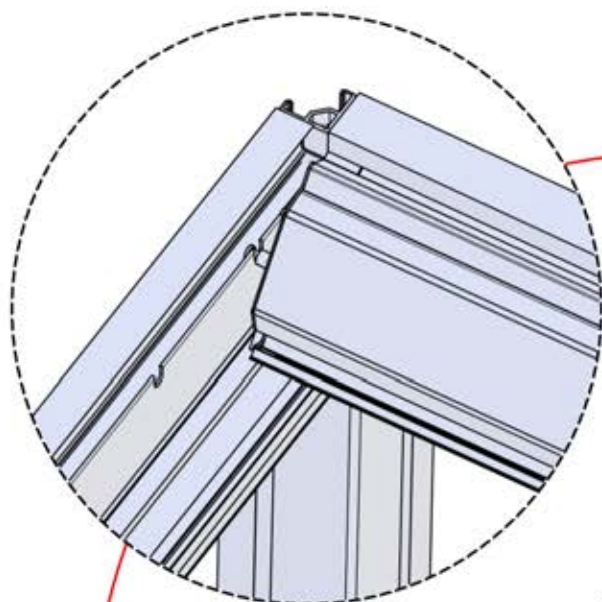
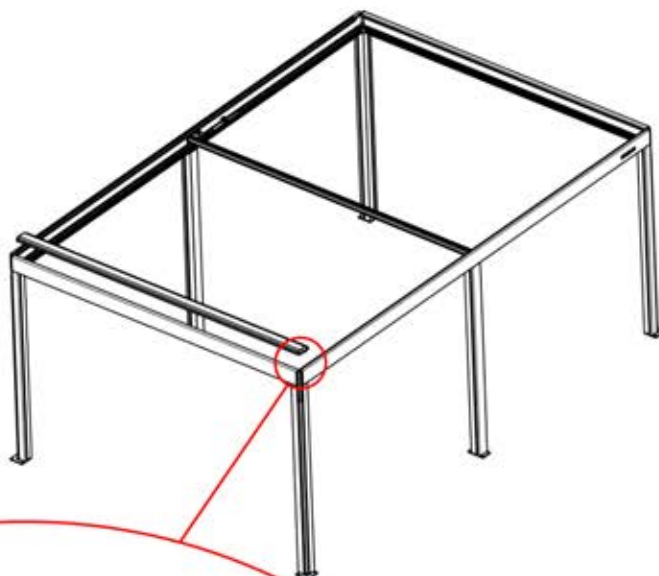
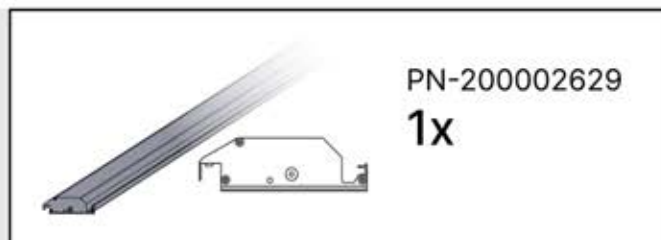
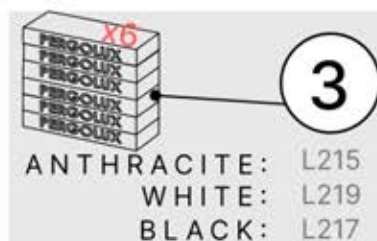
PLR 150 G2 PRO LOUVER STD FS 4M
PACKAGE
PN-200002629

37x

43



44



45

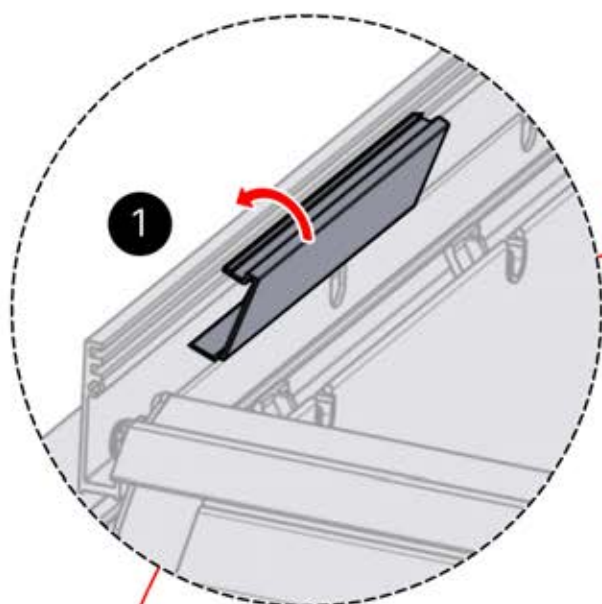
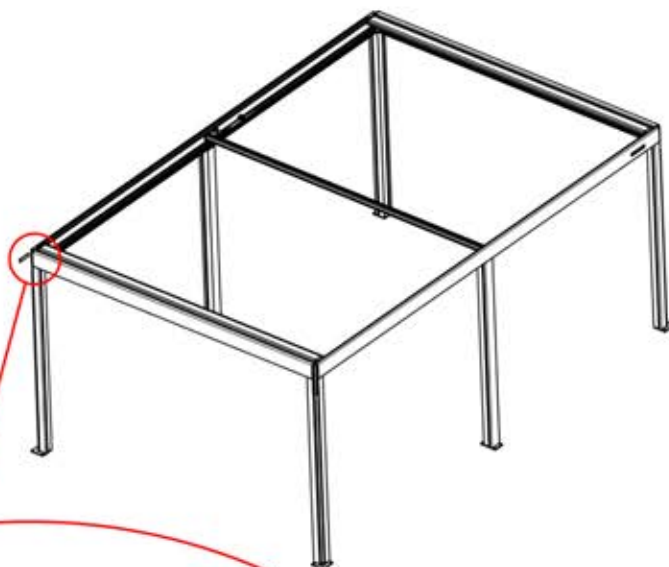


4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



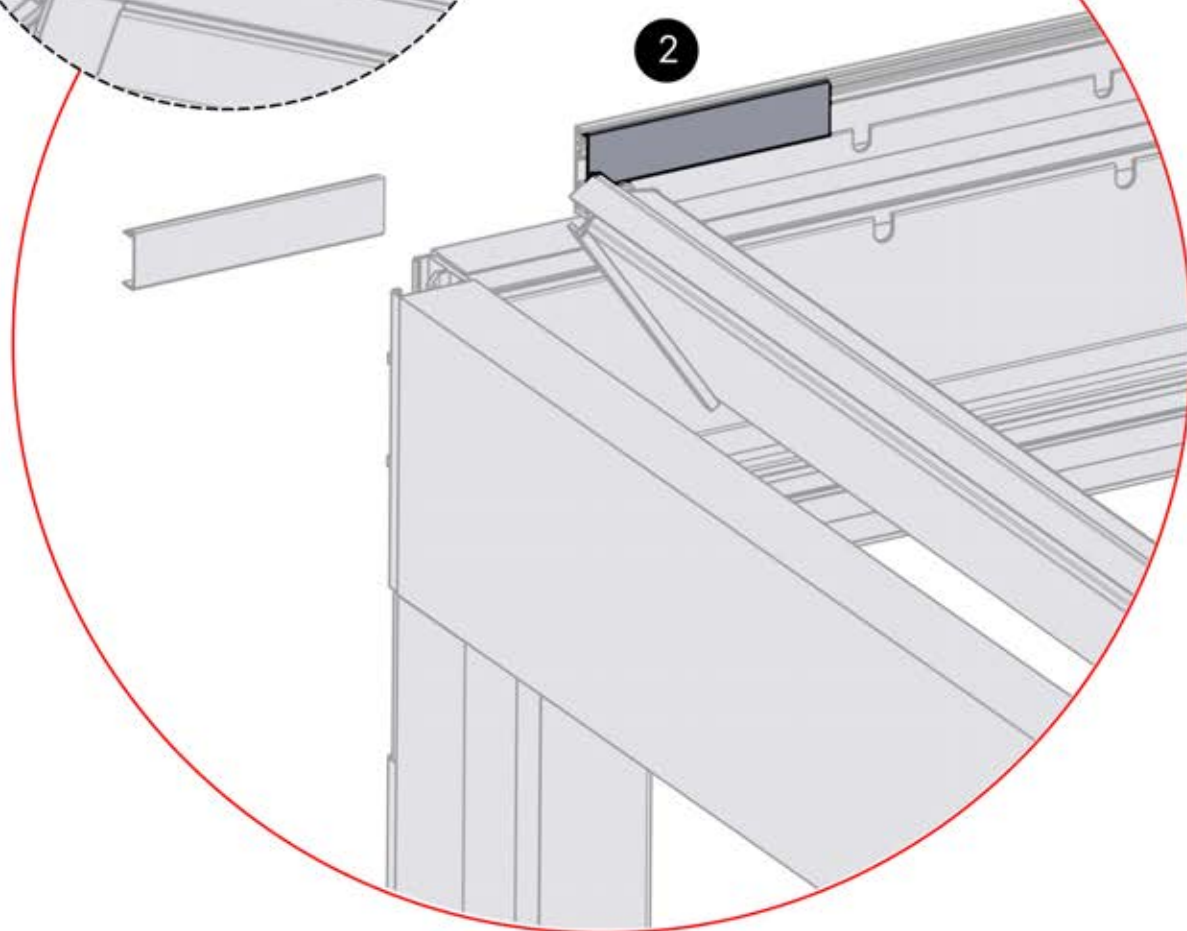
PN-200003033
1X



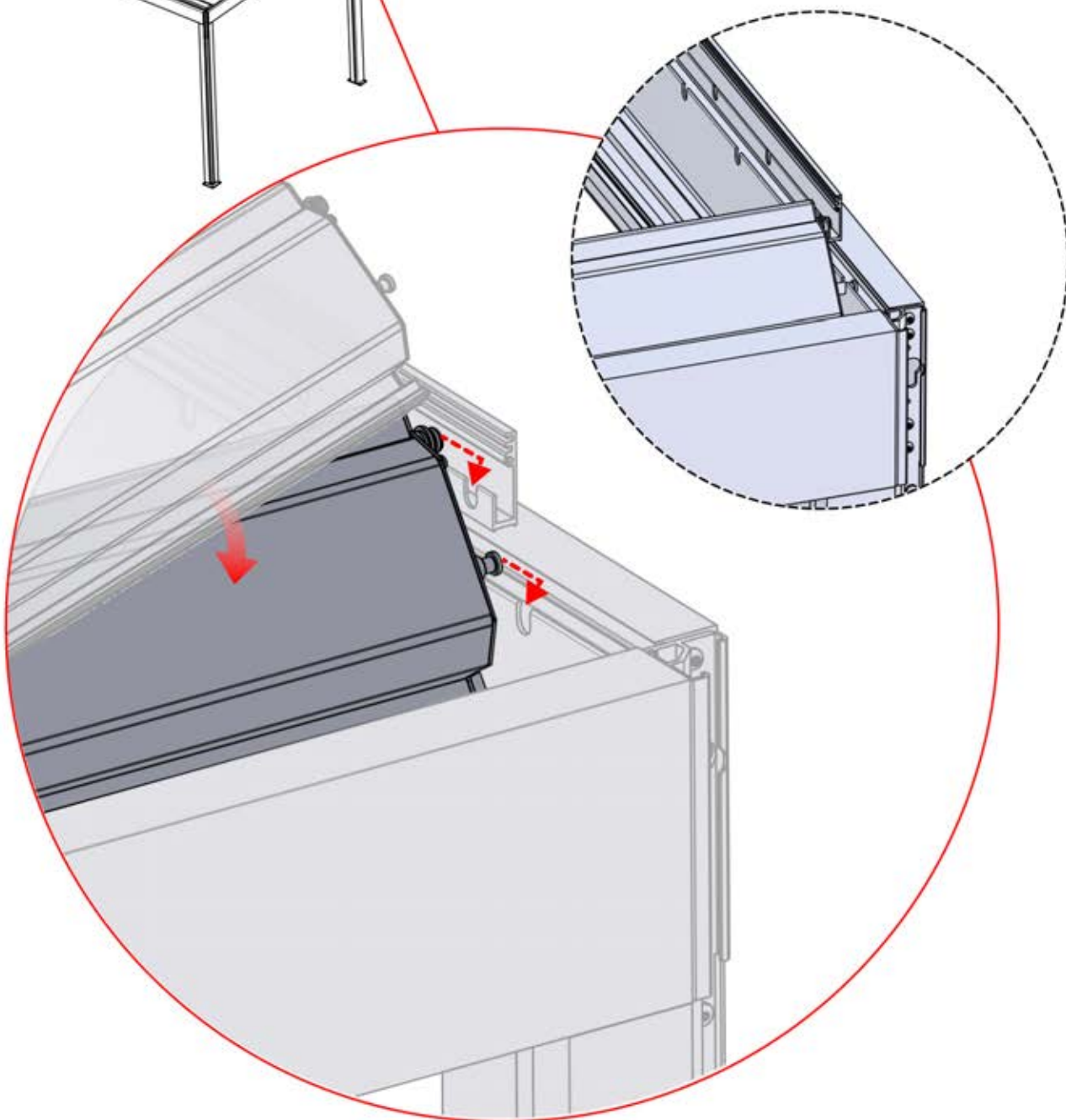
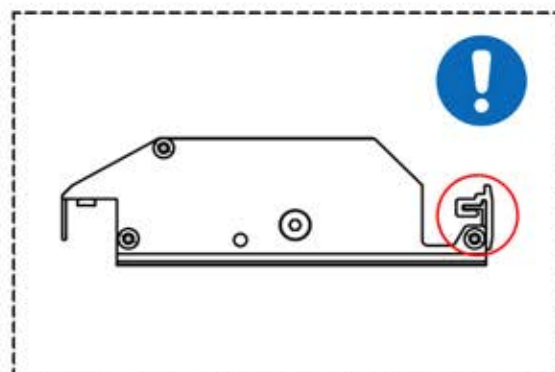
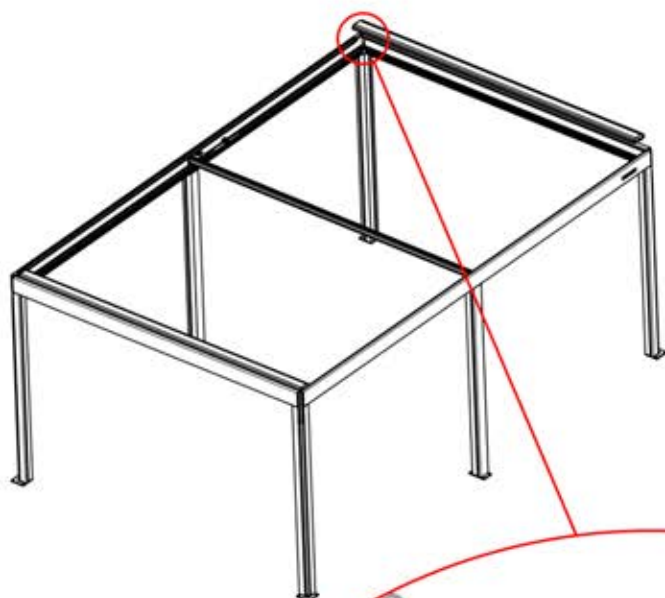
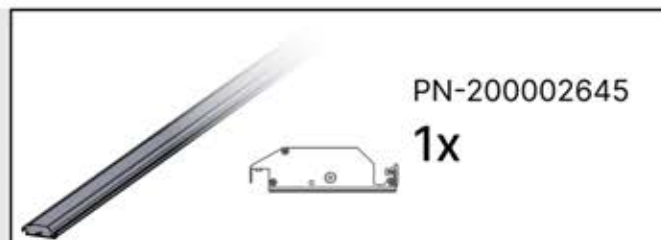
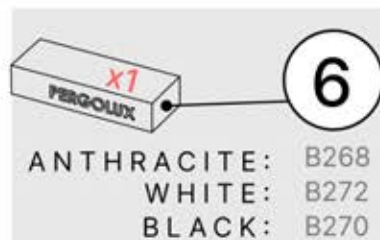
1

1

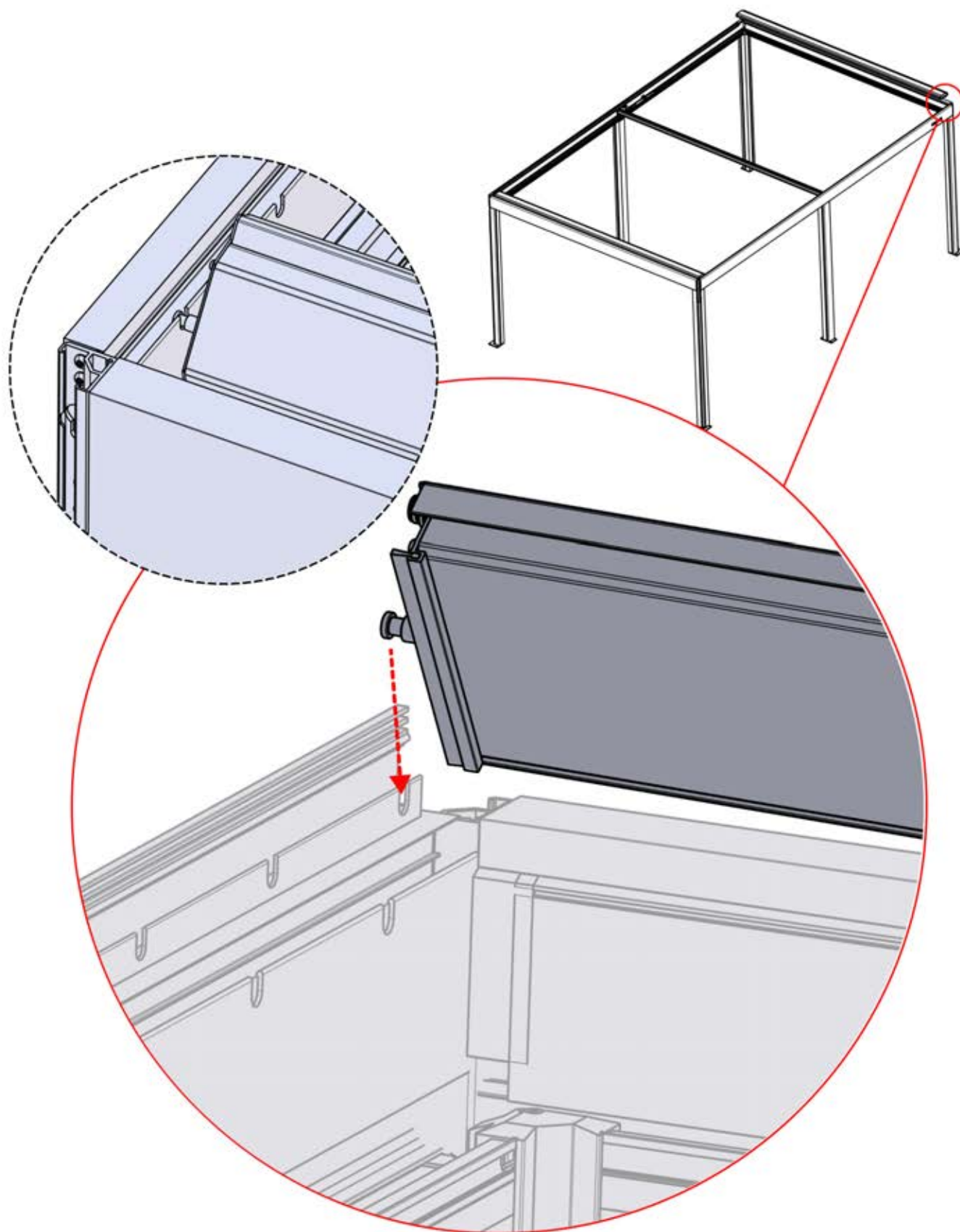
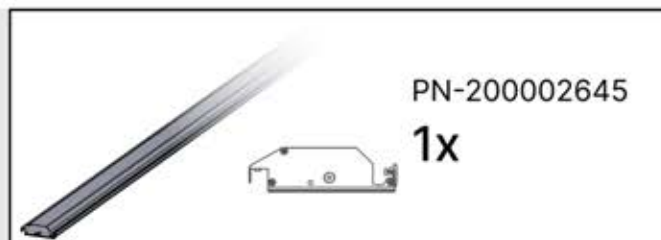
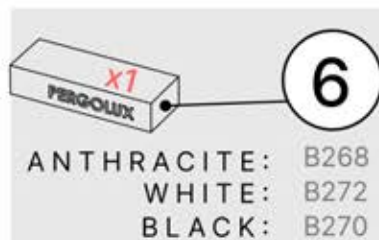
2



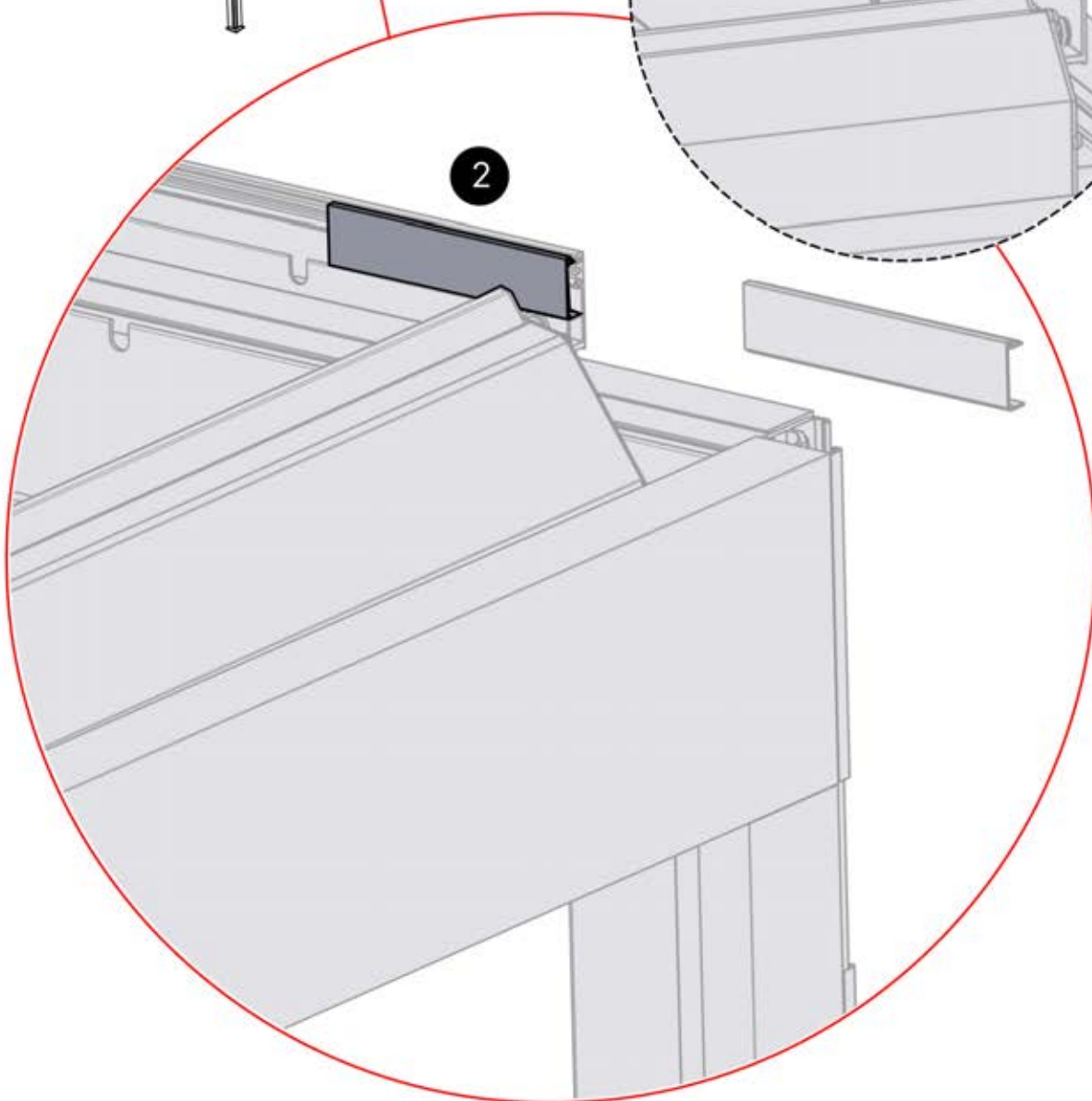
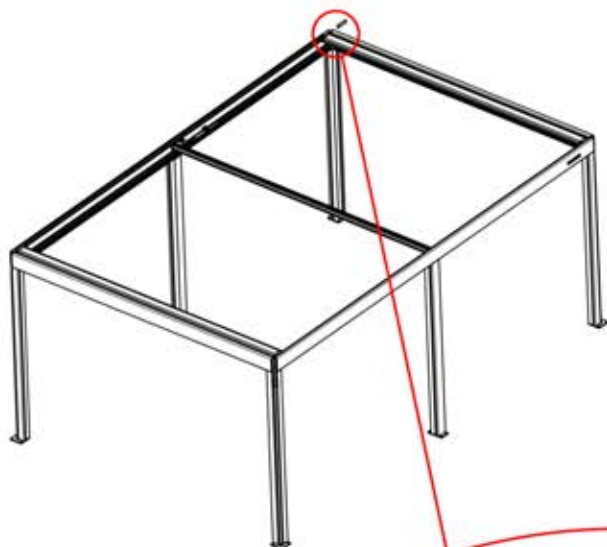
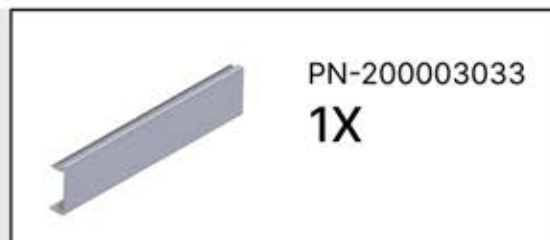
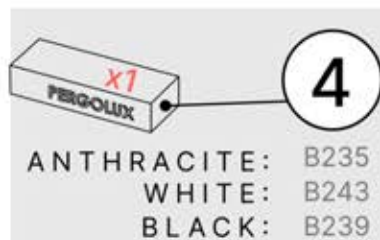
46



47



48



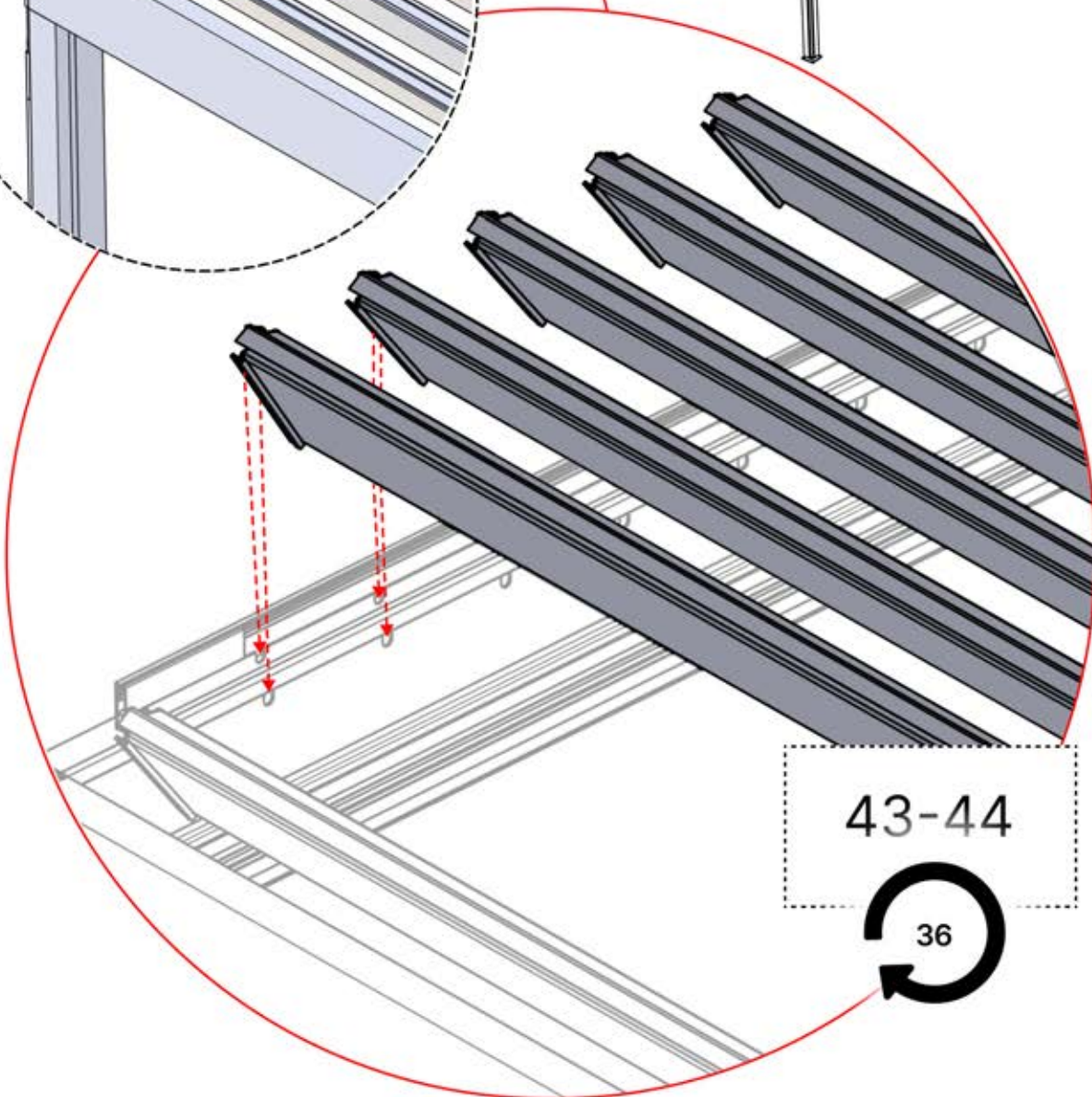
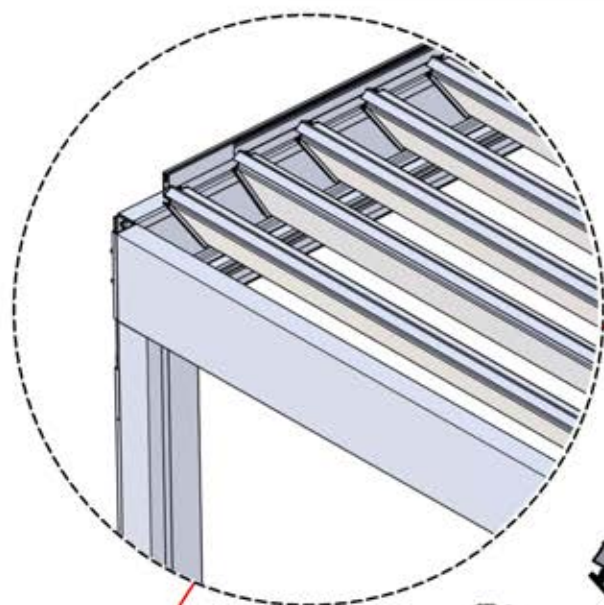
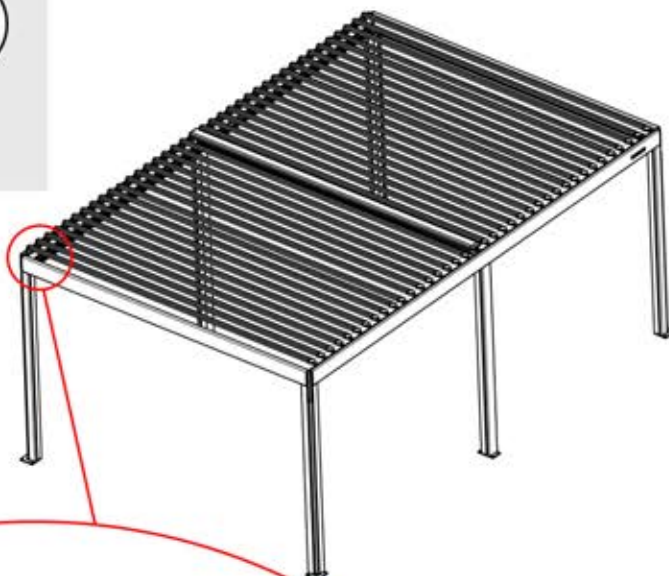
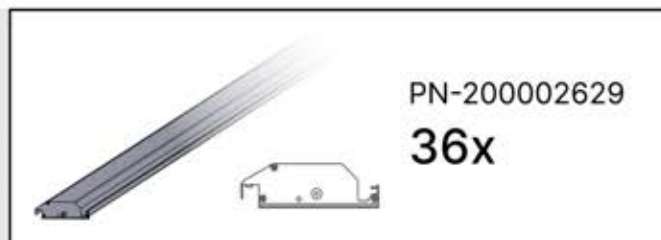
49



ANTHRACITE: B268
WHITE: B272
BLACK: B270



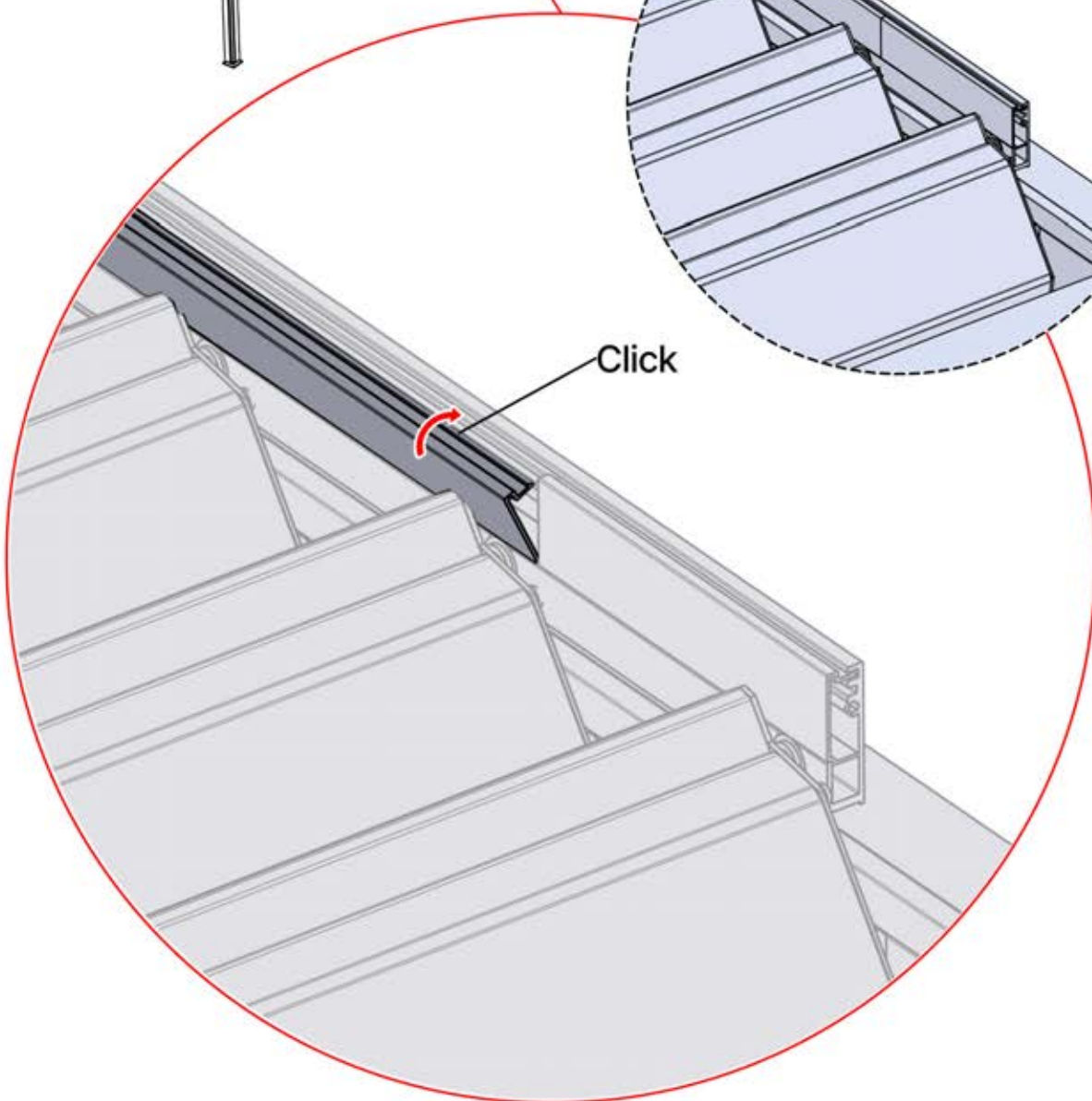
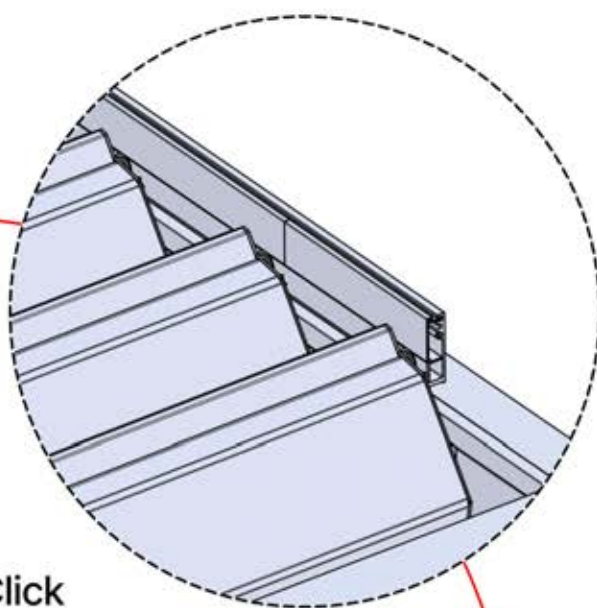
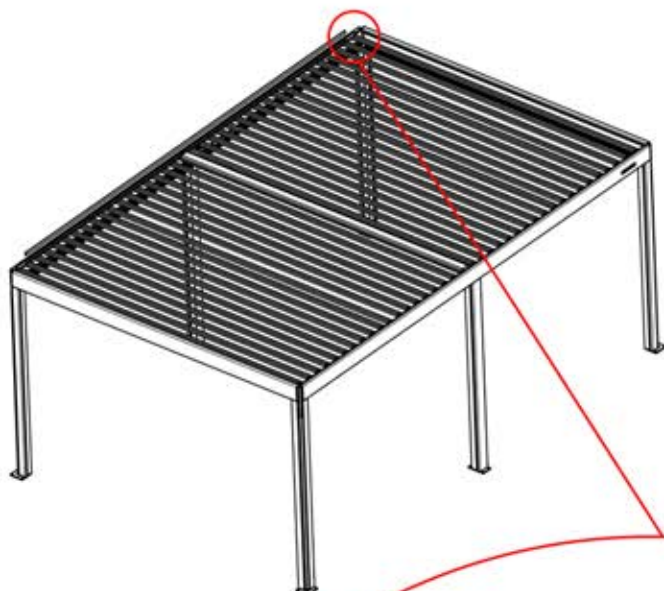
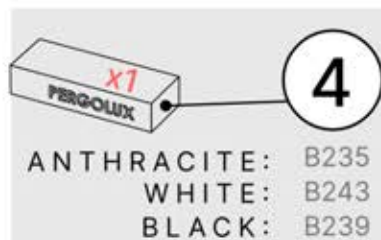
ANTHRACITE: L215
WHITE: L219
BLACK: L217



43-44

36

50

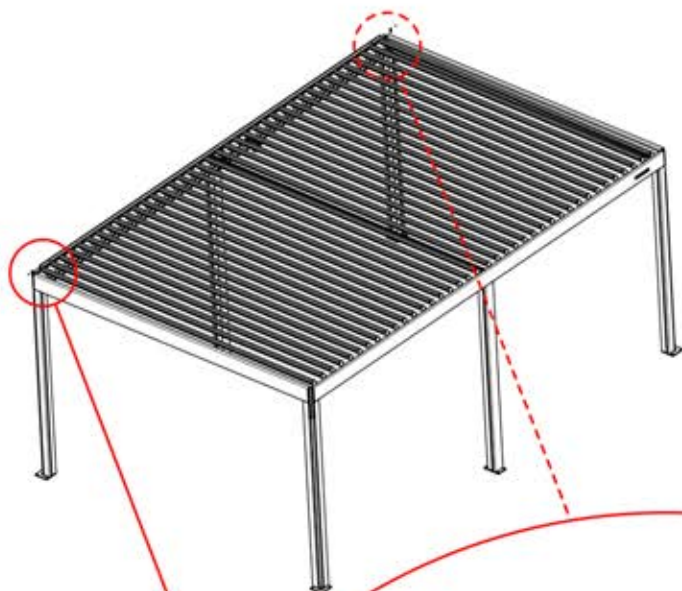


51



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



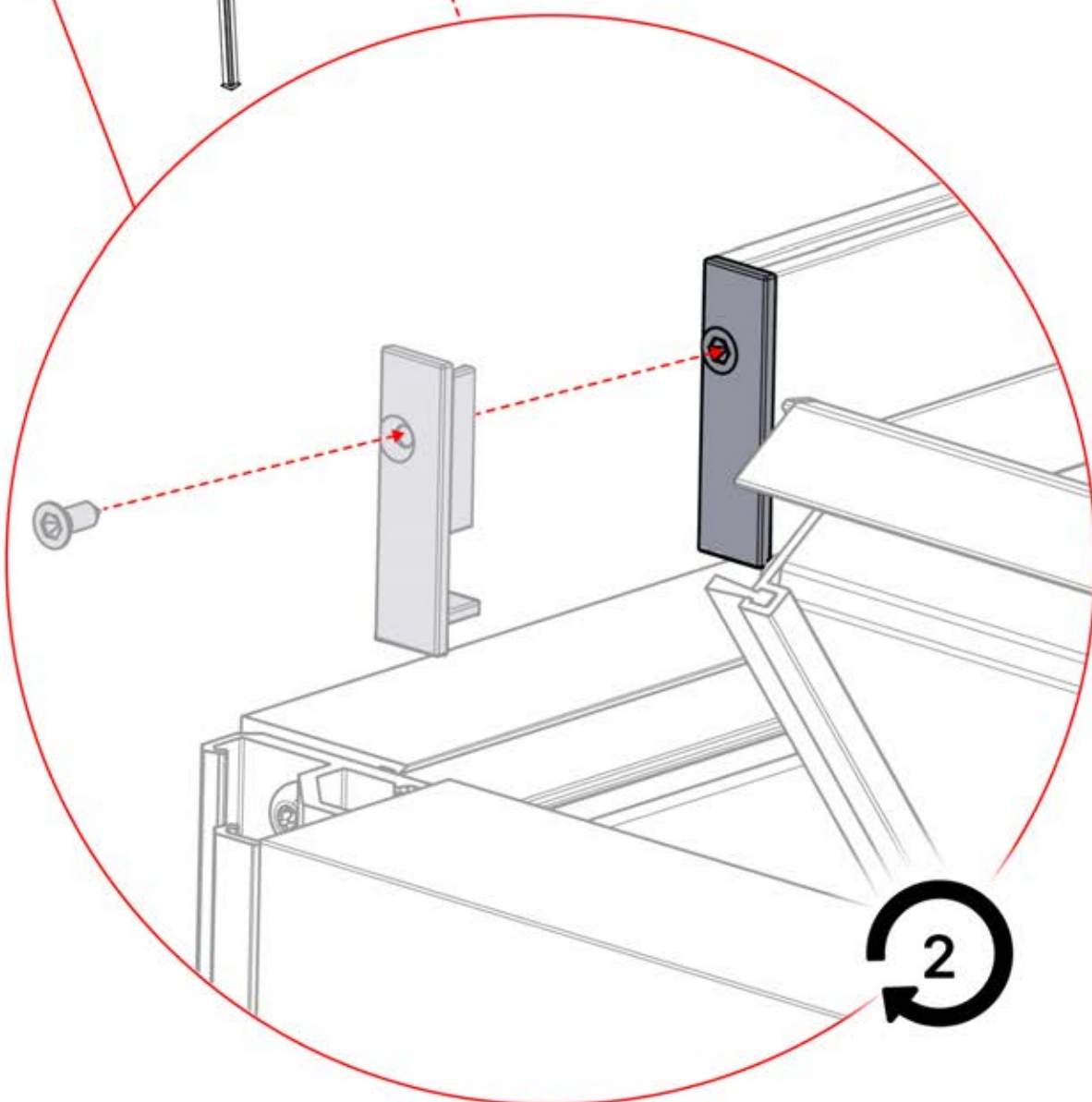
PN-200003030
1x



PN-200003031
1x



PN-200001207
2x



52



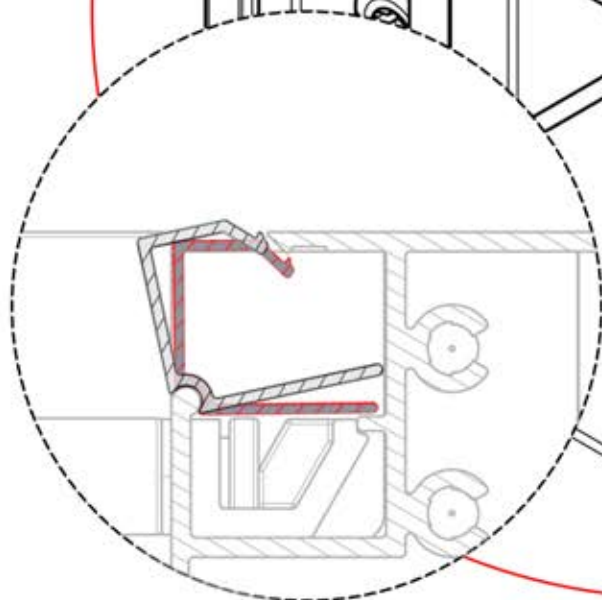
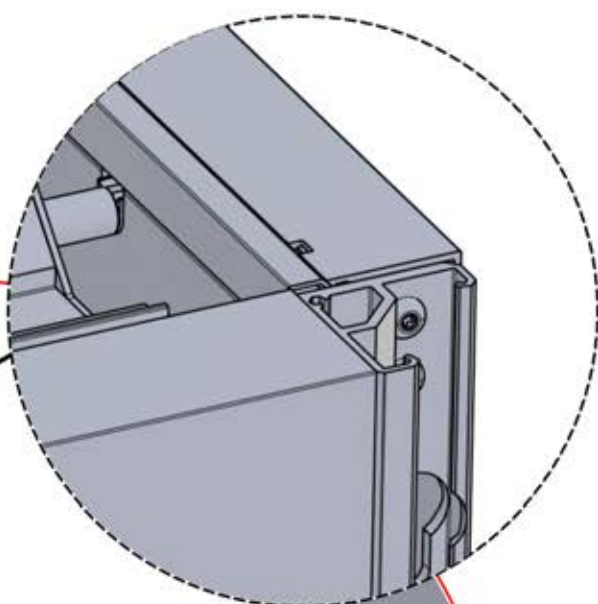
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200002863

1x

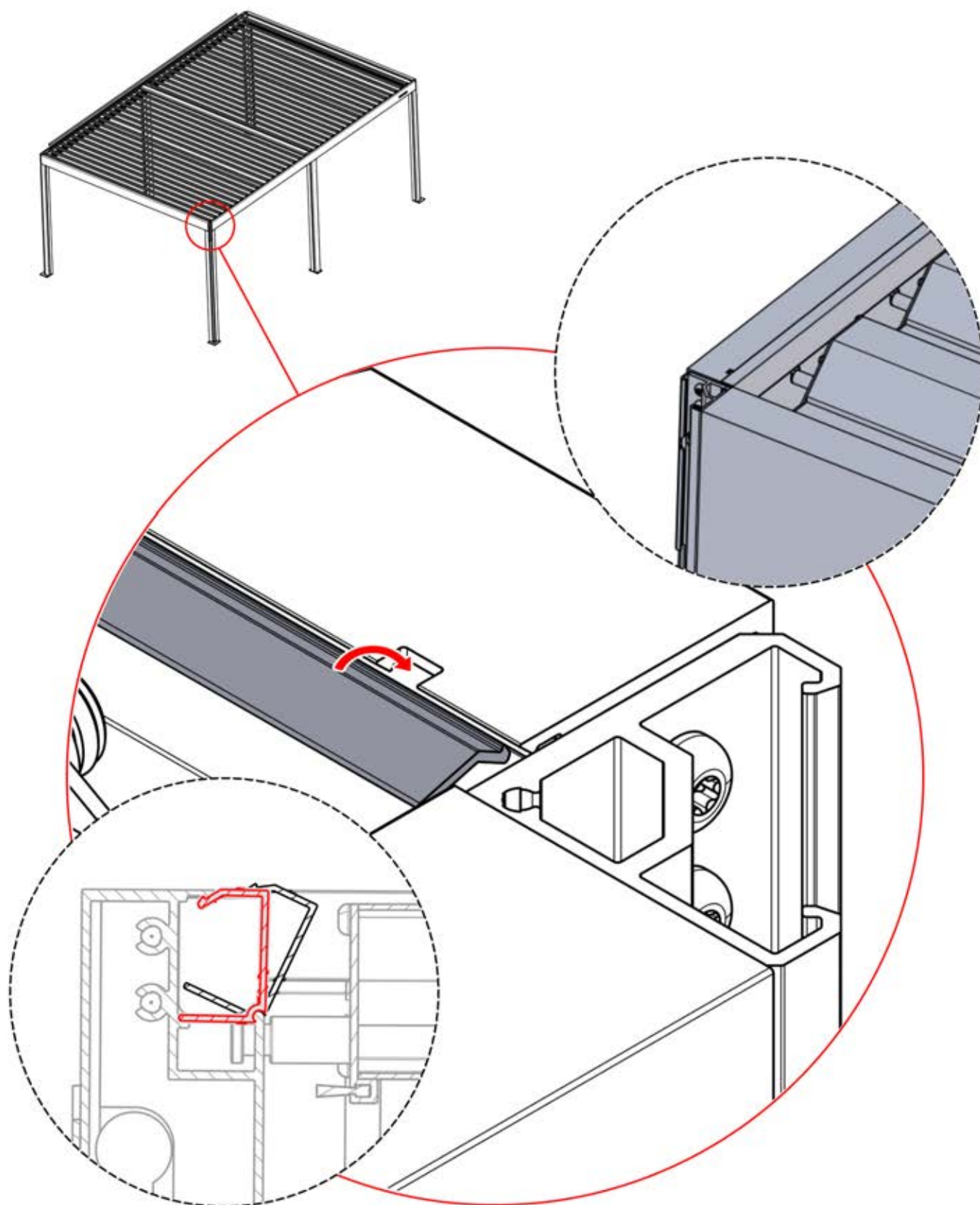
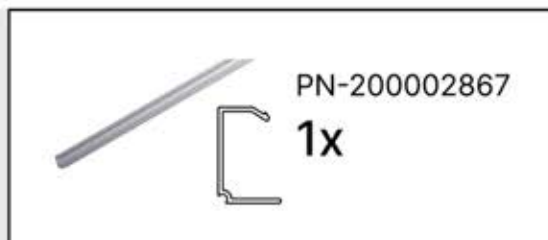


53



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



54

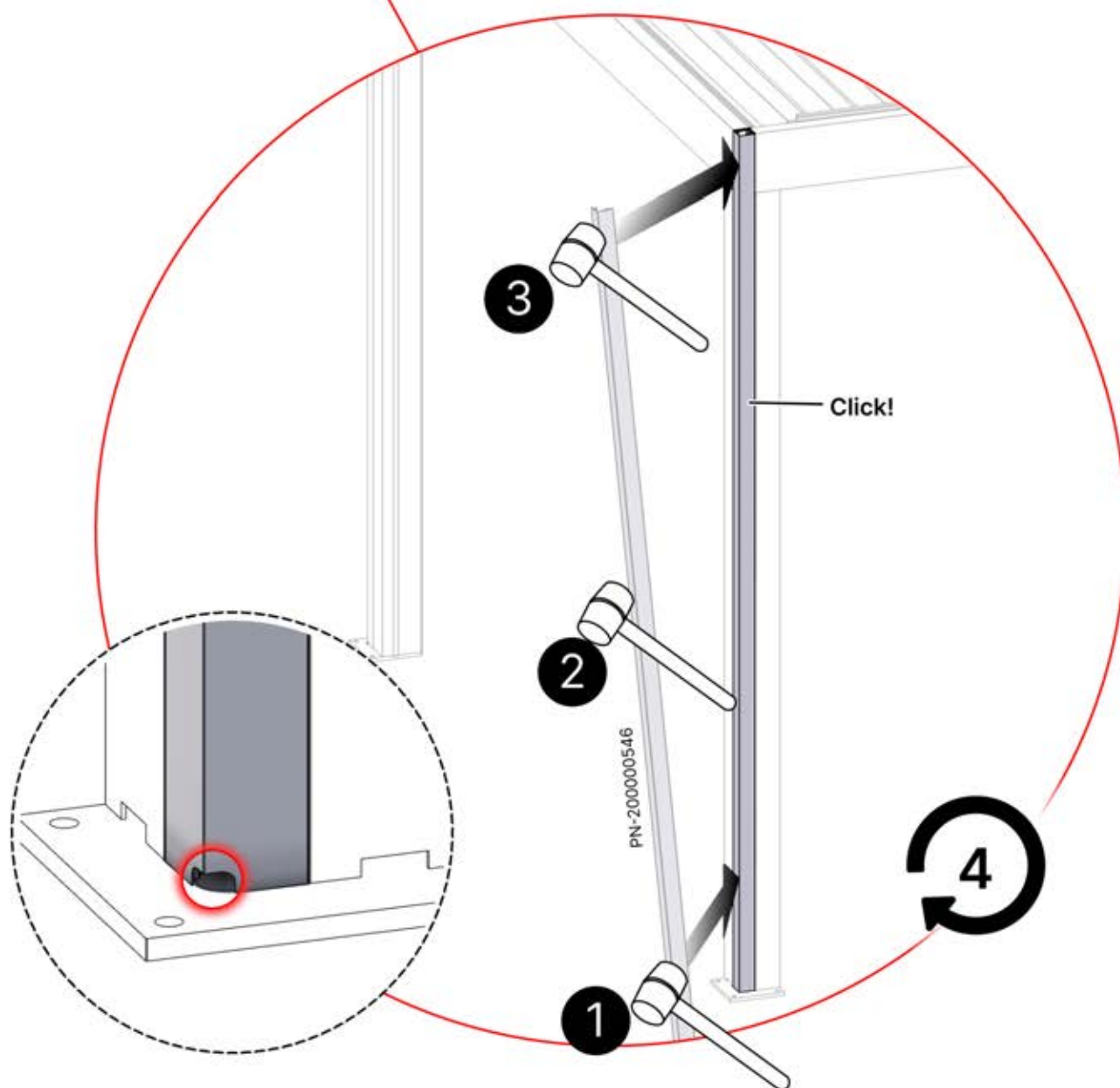
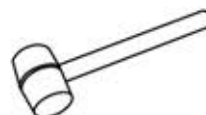


1

ANTHRACITE: C120
WHITE: C122
BLACK: C121

PN-200003386

4X

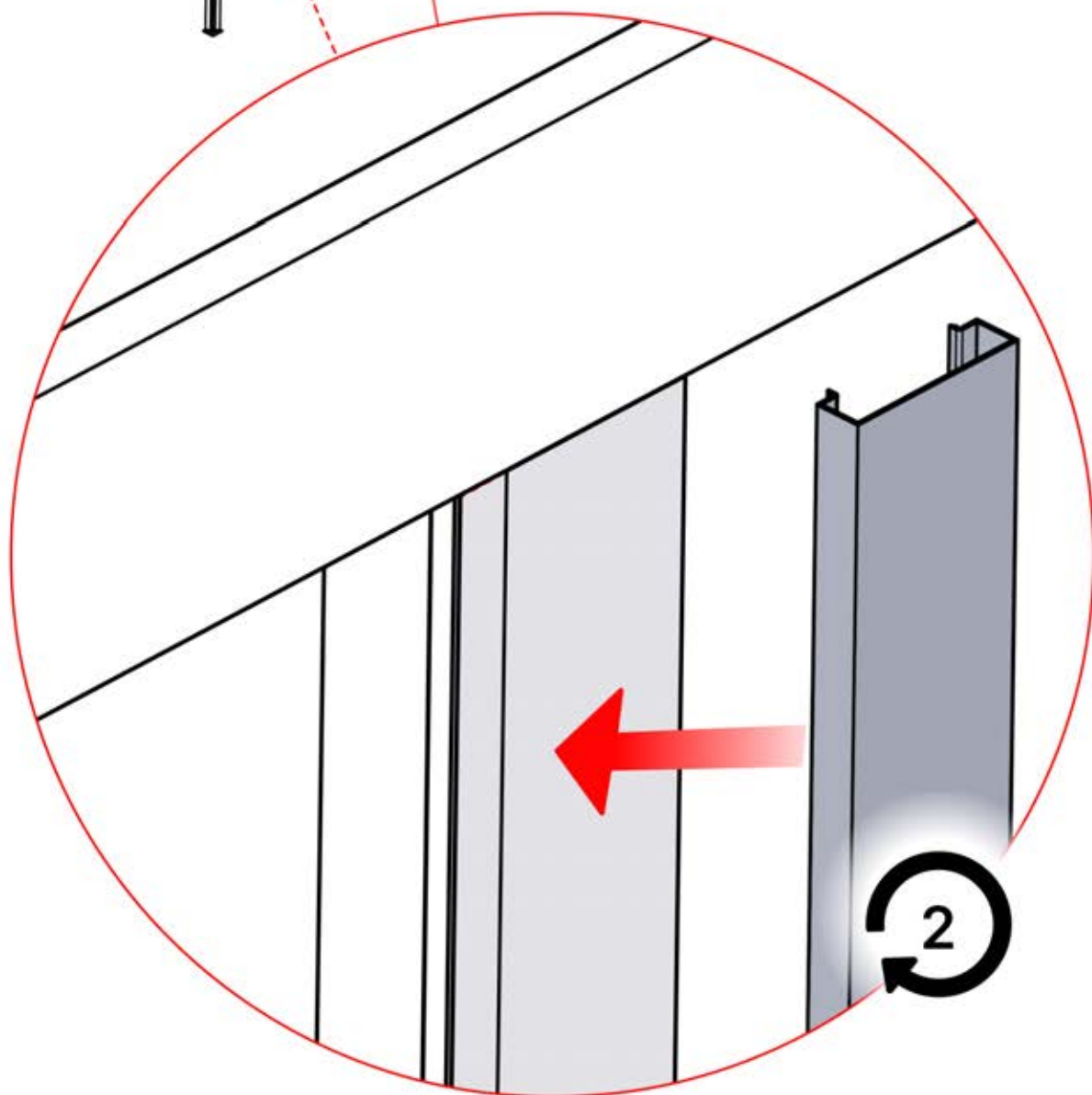
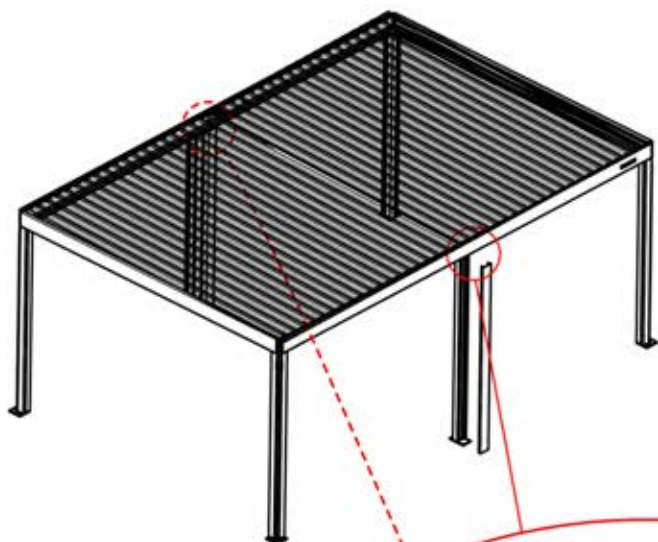
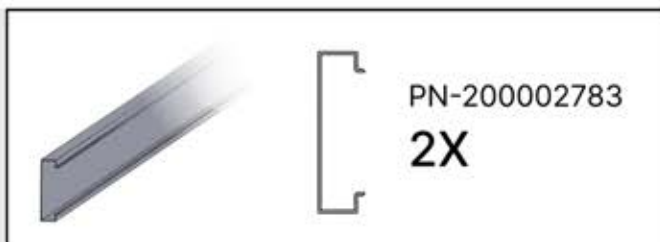


55

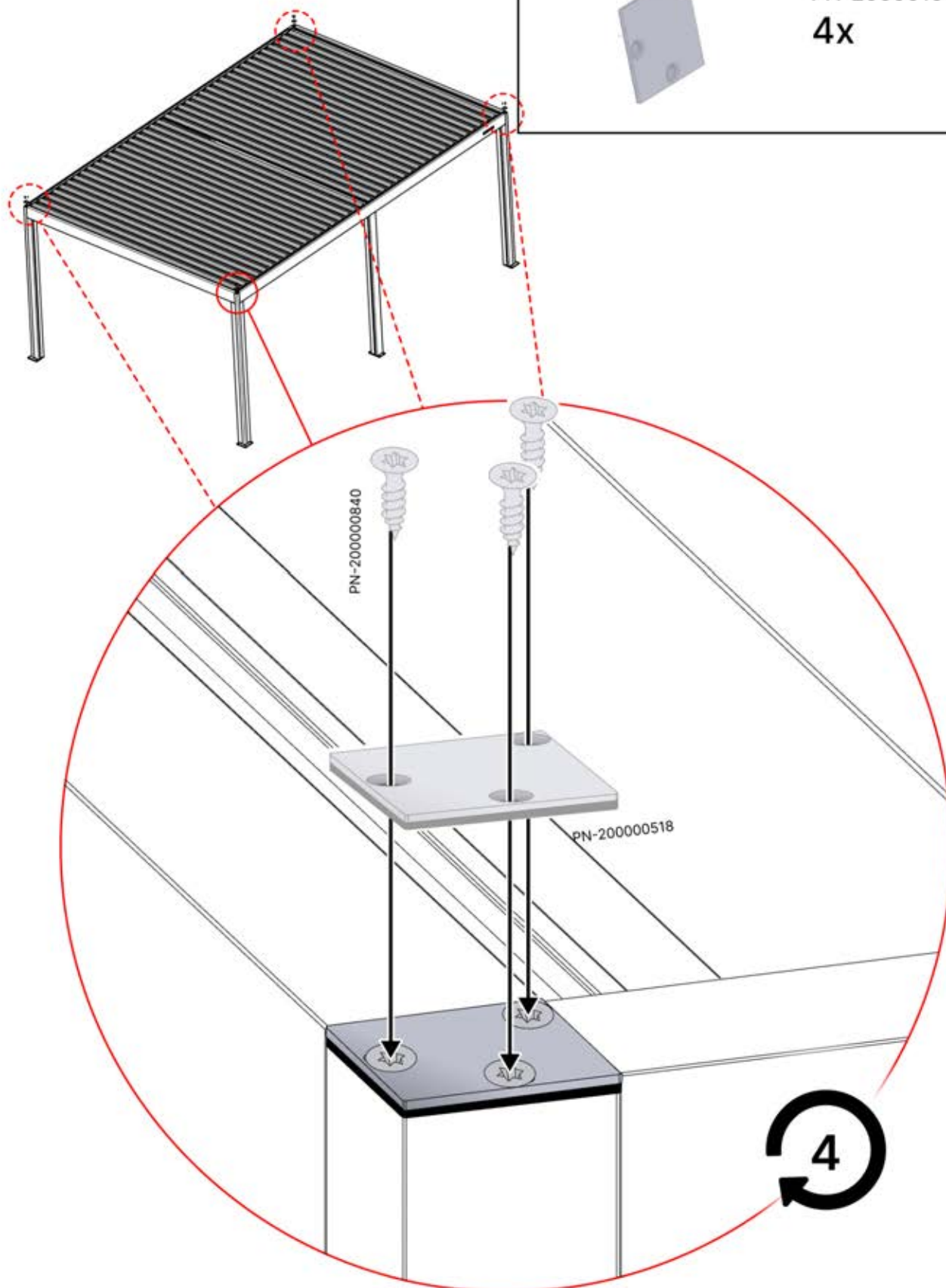
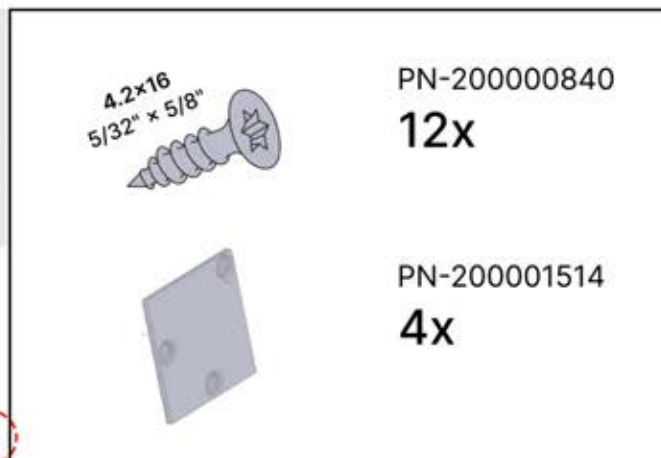
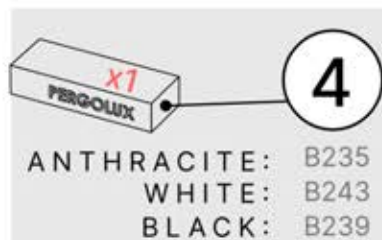


2

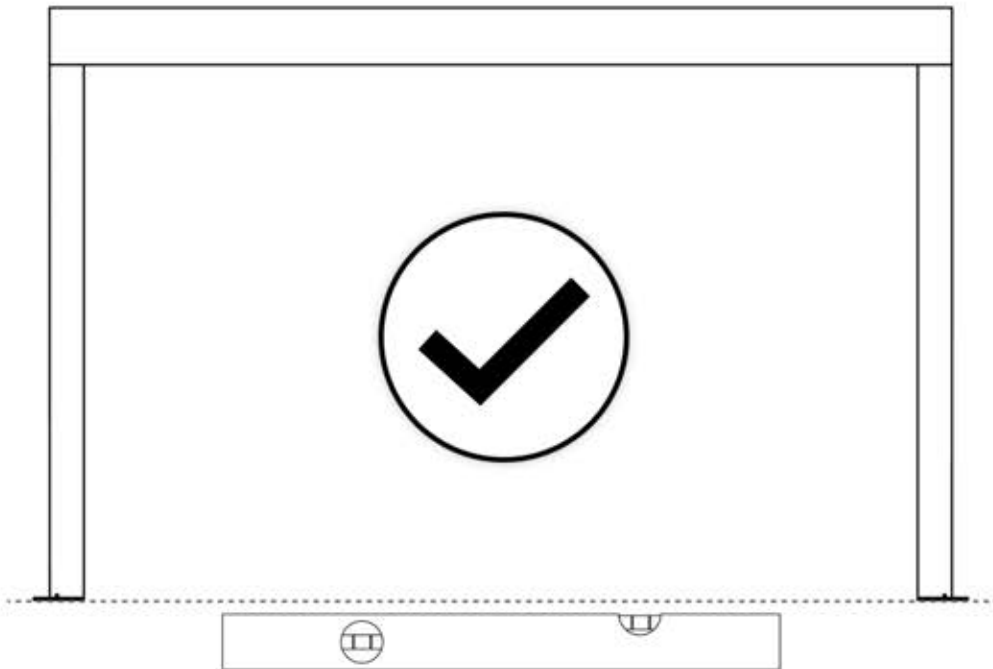
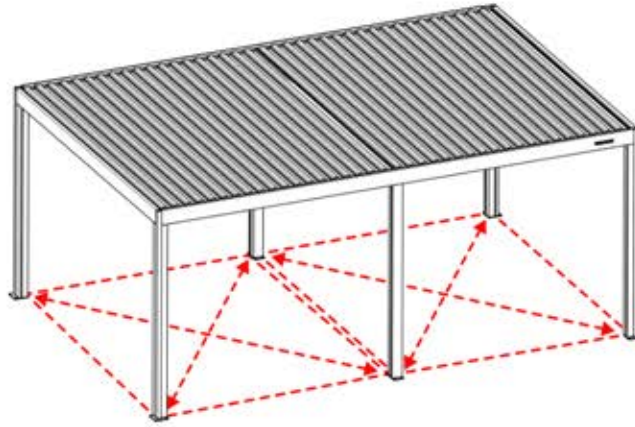
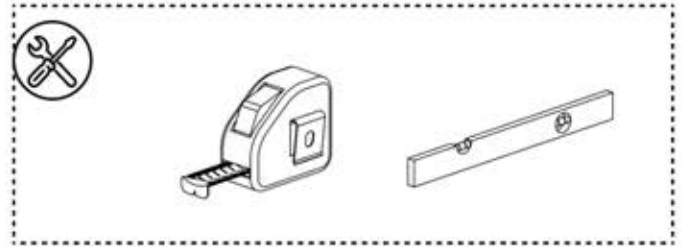
ANTHRACITE: C123
WHITE: C125
BLACK: C124



56



57



58



Use on
concrete



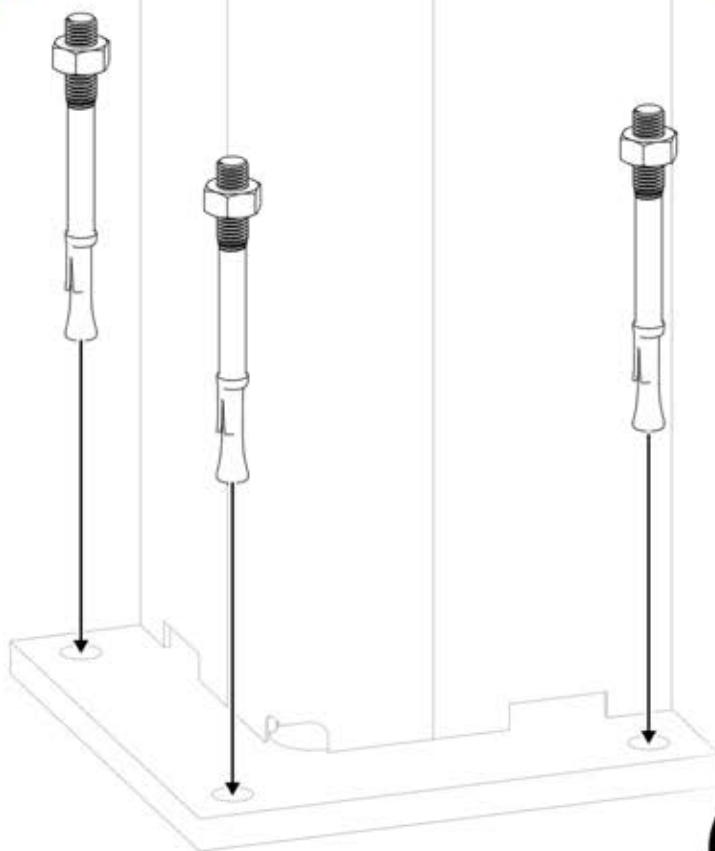
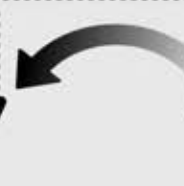
x12



Use on
wood

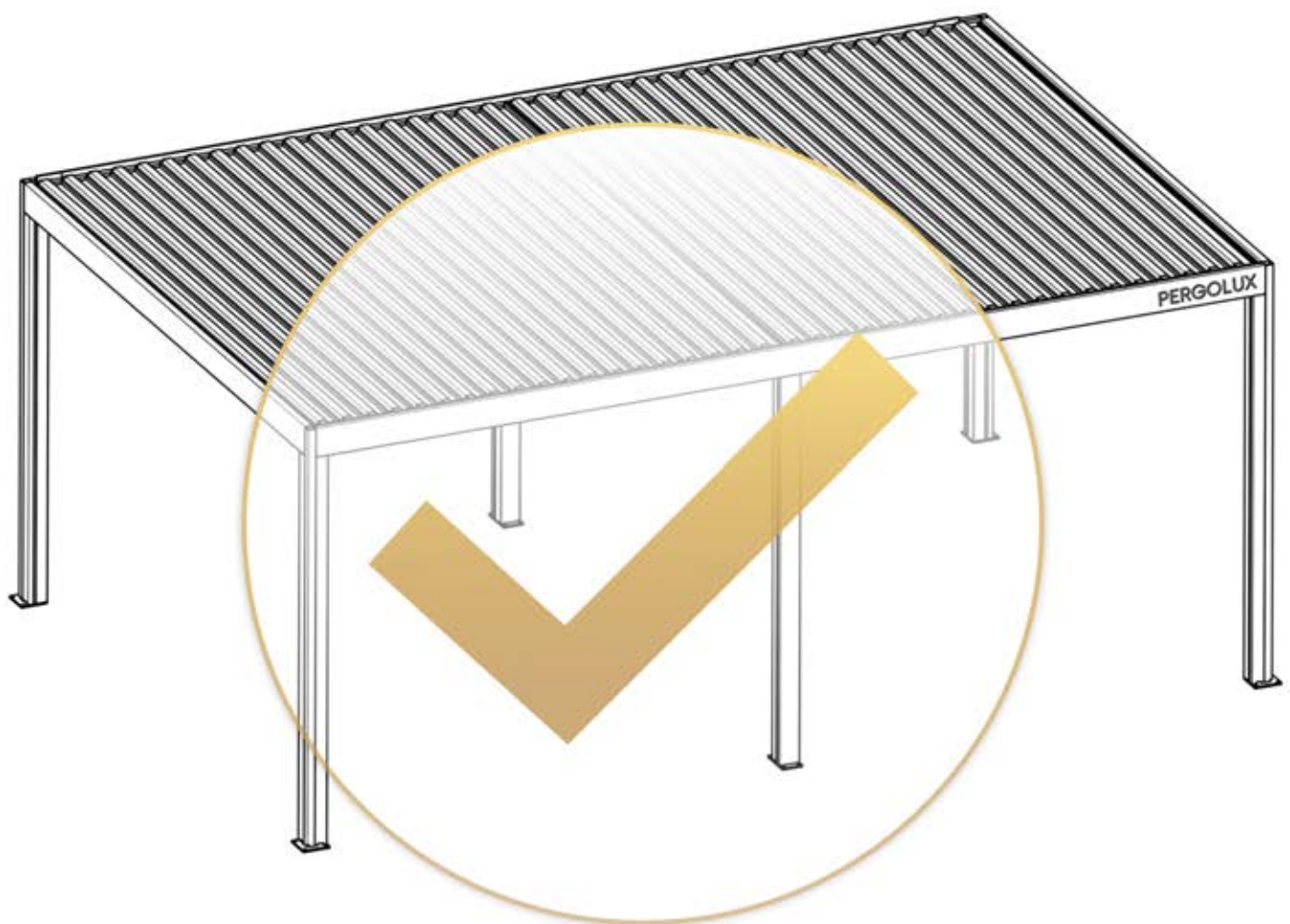


x12



PERGOLUX | PERGOLA PRO FREESTANDING S4

3 × 6 M / 10' x 19'



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678

