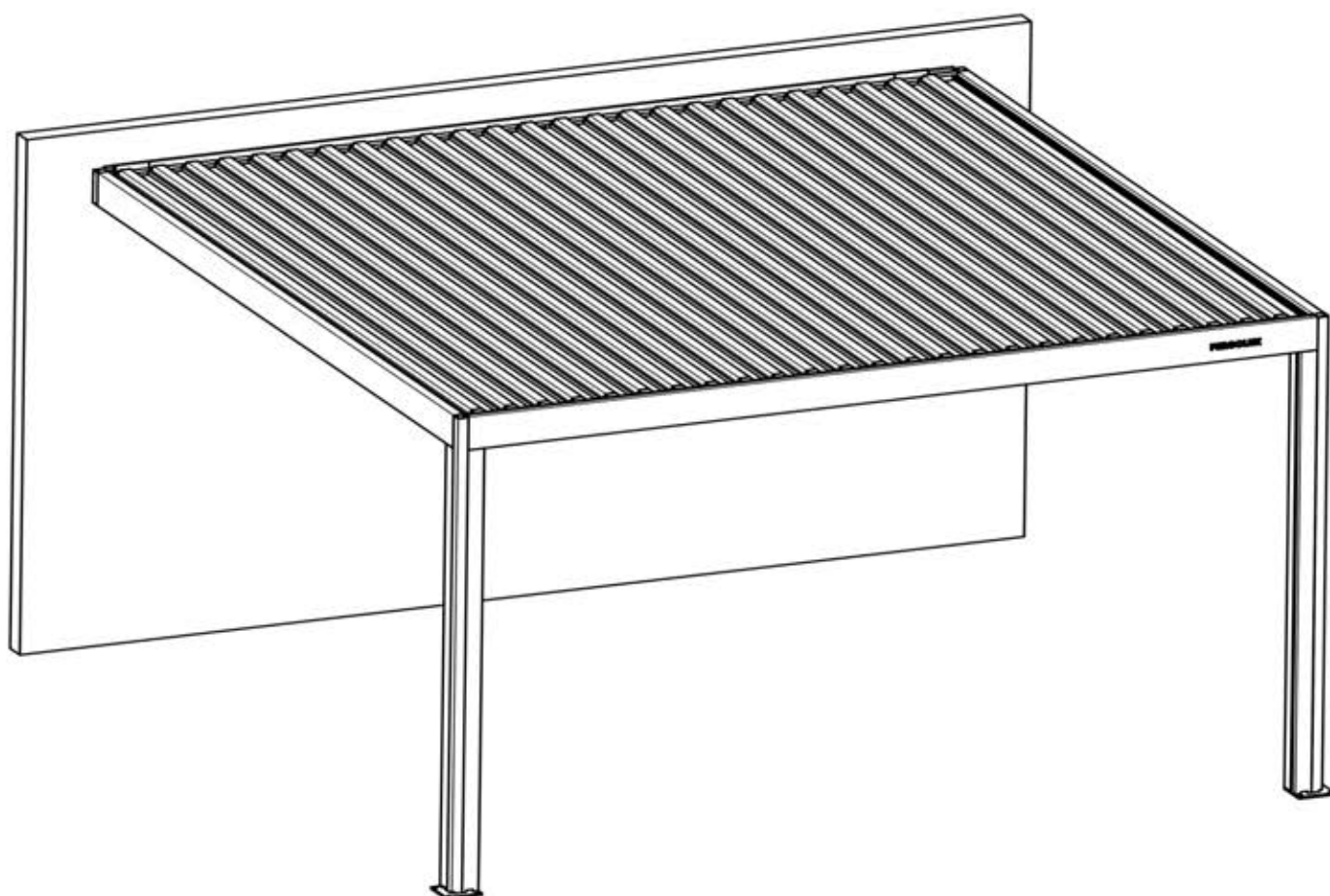


Pergola
PRO+

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

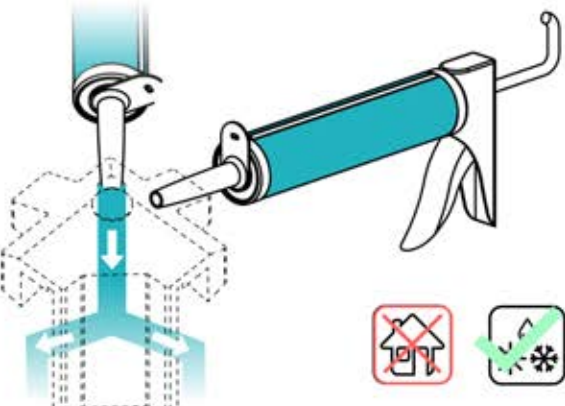


Turn around

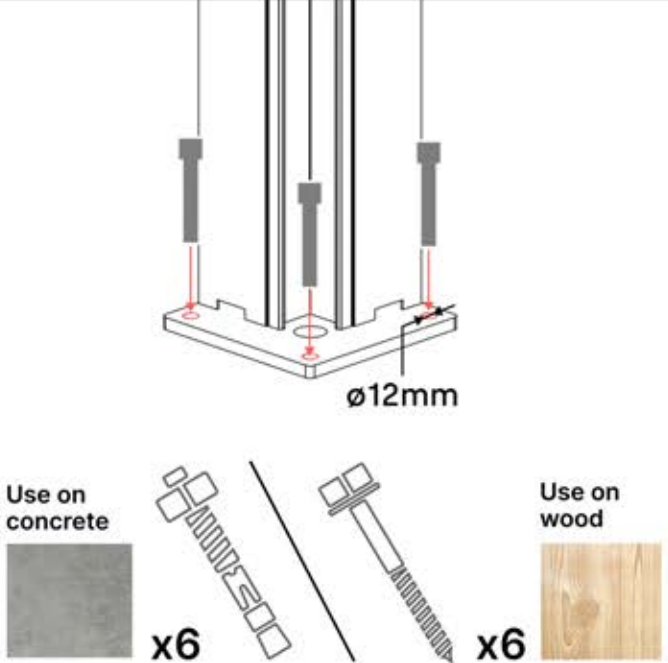


Discard

INFORMATION



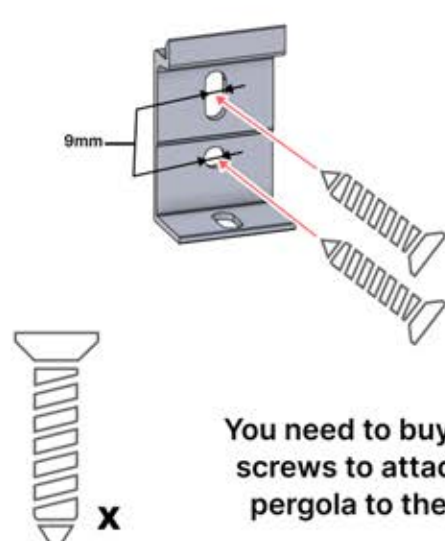
Use a high-quality, weather-resistant and mold-resistant adhesive and sealant to seal the corners of the pergola and prevent leakage. Look for products that are designed for outdoor use and provide a strong, long-lasting bond.



Use on concrete x6

Use on wood x6

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



9mm

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

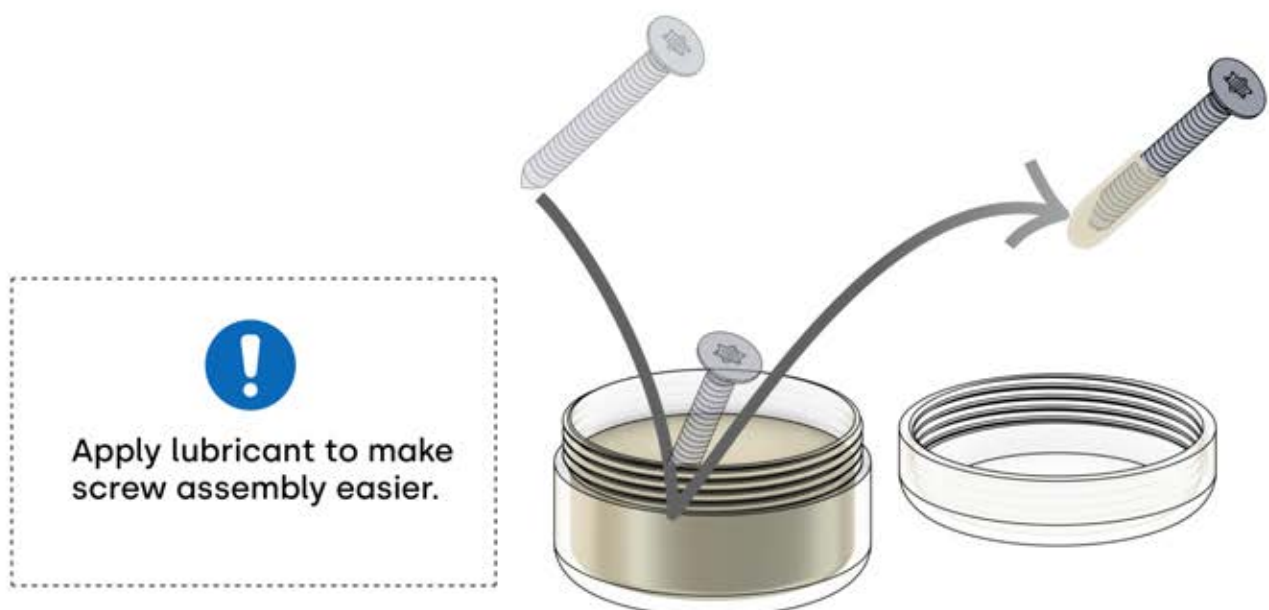


SHOP

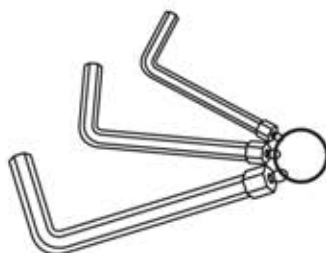
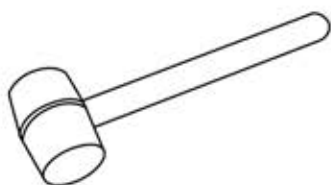
INFORMATION

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

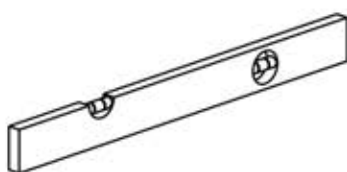
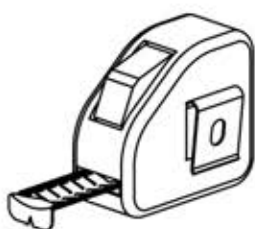
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION



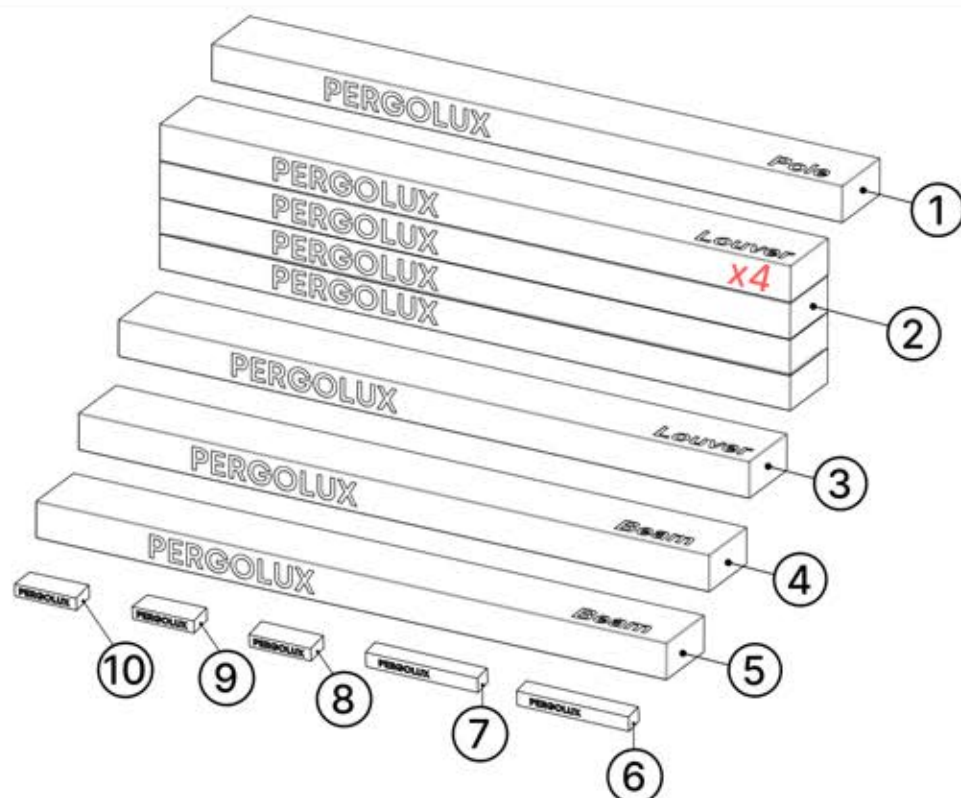
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

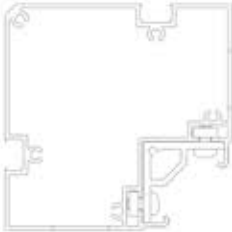


PACKAGE OVERVIEW



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		
⑩	SCREW KIT PN-200004209		

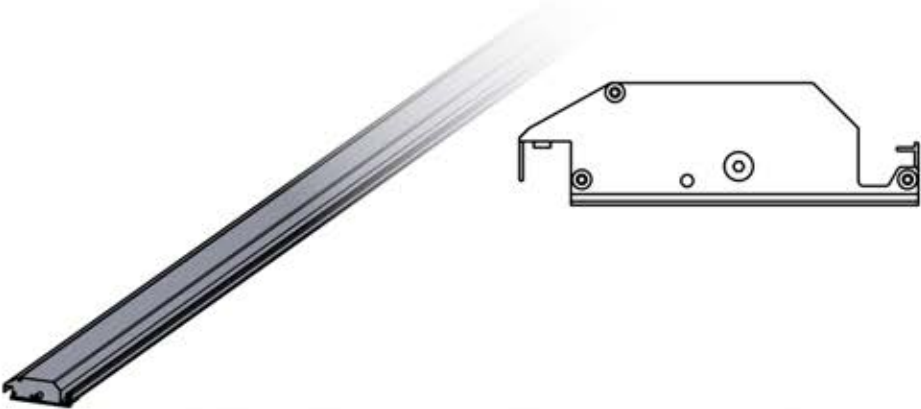
ITEMS IN BOX

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

ITEMS IN BOX

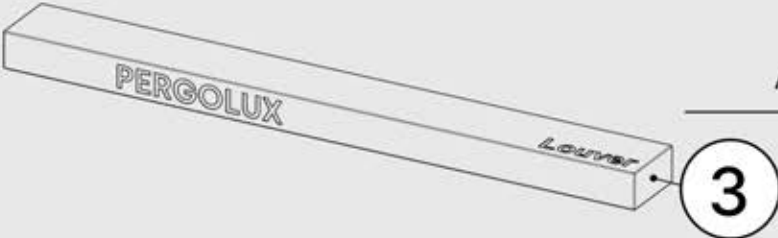


ANTHRACITE	WHITE	BLACK
L221	L225	L223

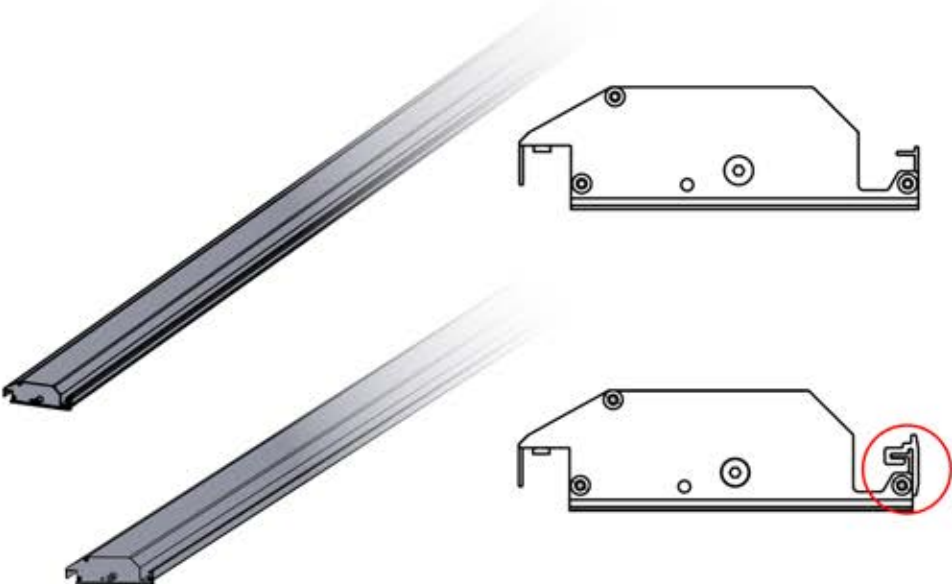


PN-200002879

24X



ANTHRACITE	WHITE	BLACK
L233	L237	L235



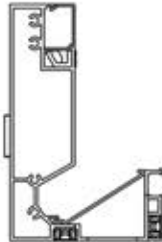
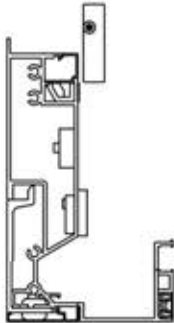
PN-200002879

6x

PN-200002957

1x

ITEMS IN BOX

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

ITEMS IN BOX



Note: If accessory bags lack part number stickers, refer to the manual for identification.



ANTHRACITE

WHITE

BLACK

4

B246

B254

B250



PN-200002972
1x



PN-200003332
1x

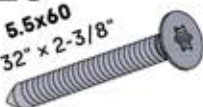


PN-200003381
1x



PN-20000
3326

5.5x60
7/32" x 2-3/8"



PN-200000560
10x



PN-20000
3320



PN-200000826
2x



PN-20000
3302



PN-200001514
4x

PN-200003322
1x



PN-200003323
1x



PN-200000840
18x

ITEMS IN BOX



Note: If accessory bags lack part number stickers, refer to the manual for identification.



ANTHRACITE

WHITE

BLACK

4

B246

B254

B250



PN-20000
3278



PN-200003030
1x

PN-200003031
1x



PN-200003033
2x

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



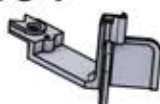
PN-200000569
8x



PN-200000516
2x



PN-20000
3364



PN-200002792
2x



PN-200002617
2x

ITEMS IN BOX



Note: If accessory bags lack part number stickers, refer to the manual for identification.



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-20000

3305



PN-200000510

5x

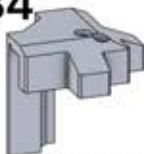
PN-200000669

5x



PN-20000

3284



PN-200002625

4x



PN-200000655

5x



PN-20000

3309



PN-200003308

2x

PN-200003324

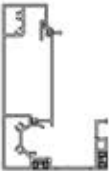
2x



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



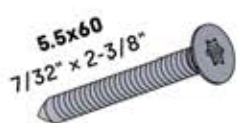
PN-200003781

1x



10

**SCREW KIT
PN-200004209**



PN-200004204

14x



PN-200004205

32x



All electric parts should be tested before installation.

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

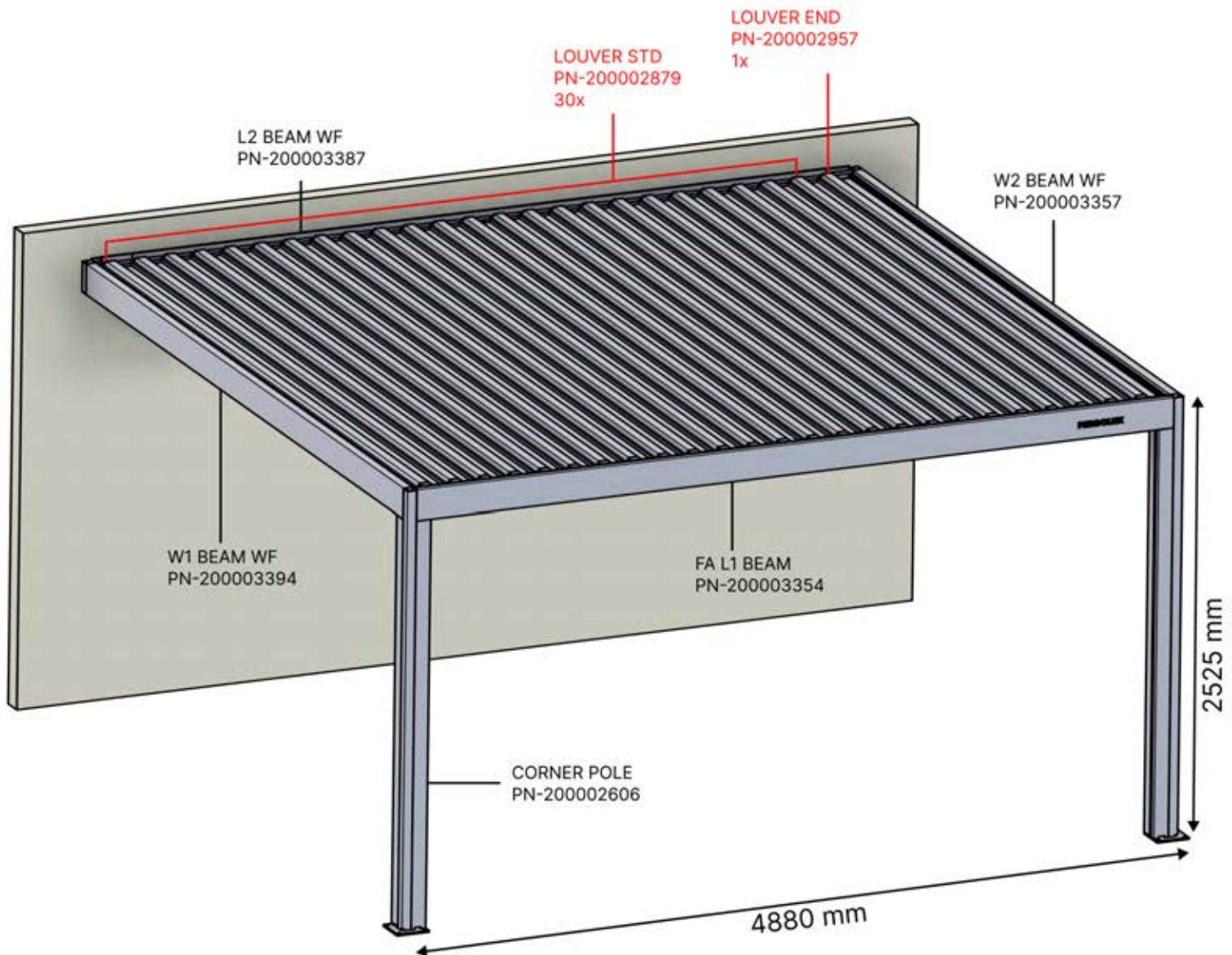
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



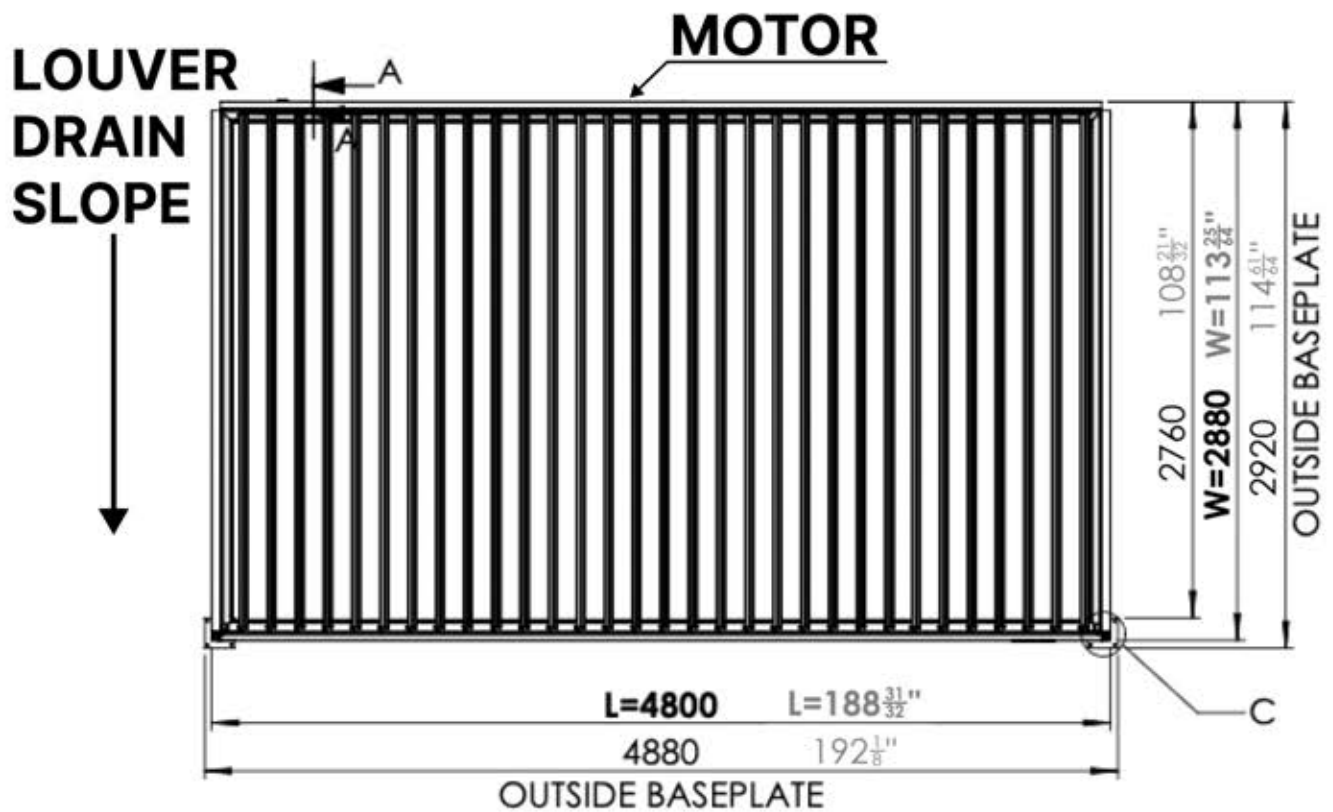
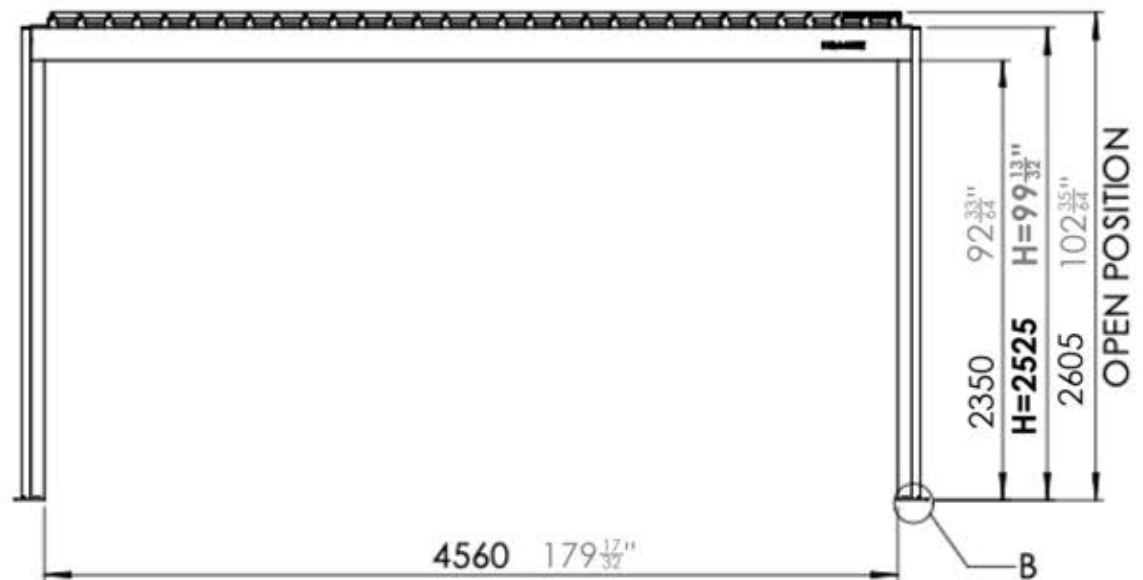
CONTROL BOX

[View Manual](#)

3 × 5 M / 10' x 16'



3 × 5 M / 10' x 16'



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.

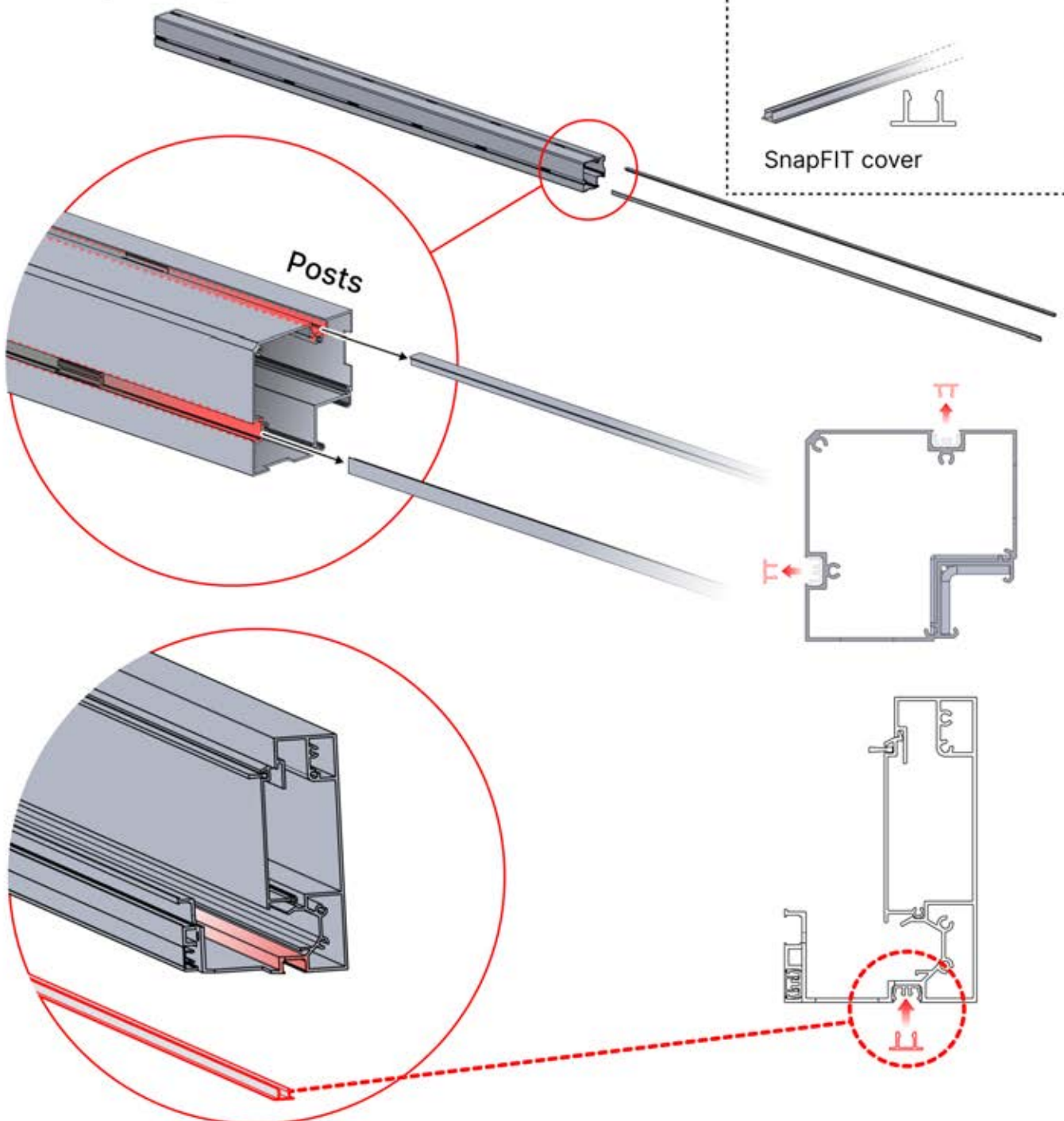
Cover and clips



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.

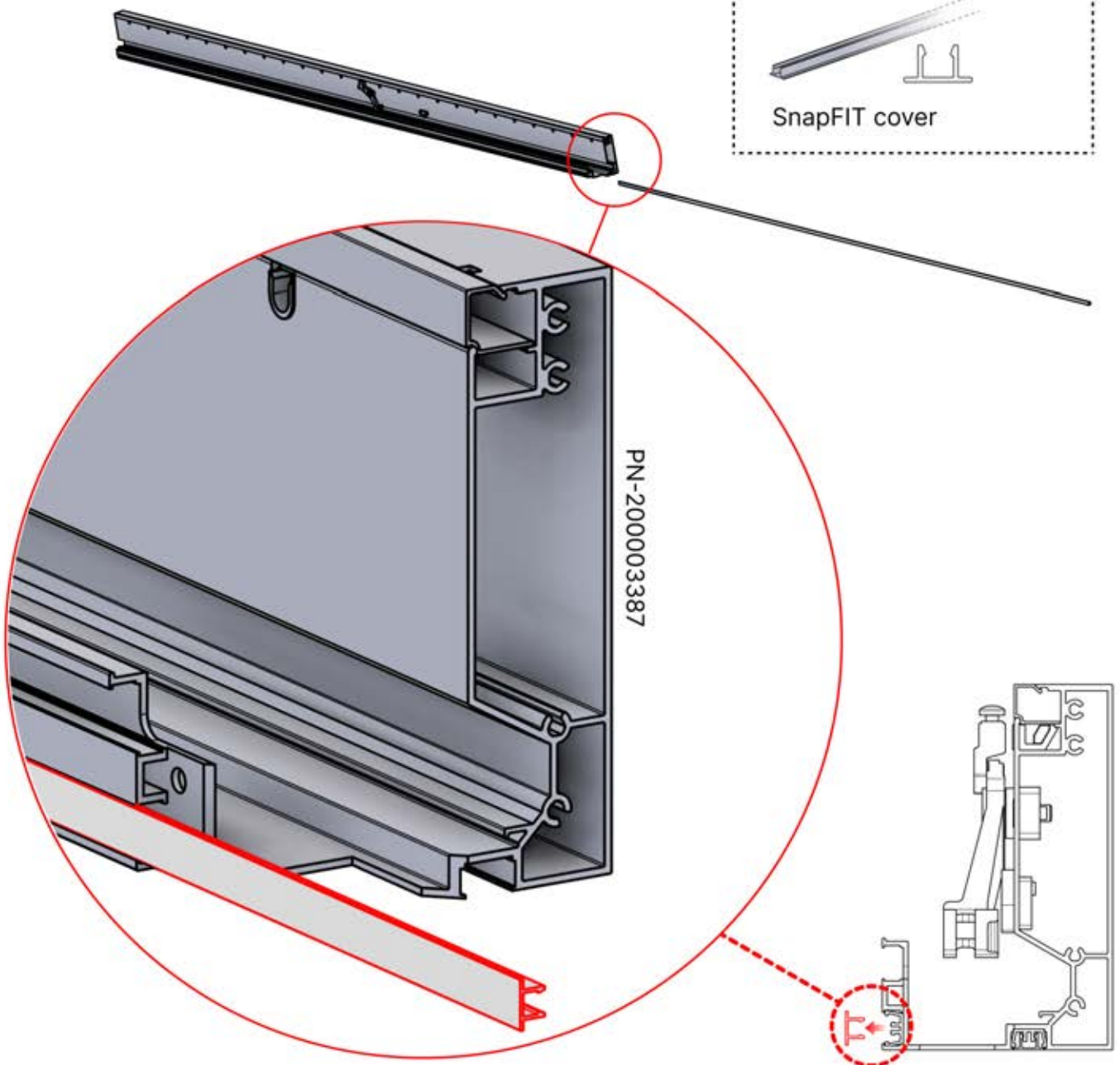
Cover and clips



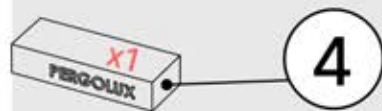
PN-200000512
SnapFIT COVER CLIP



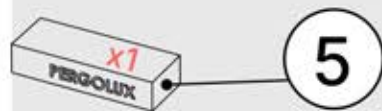
SnapFIT cover



INFORMATION



ANTHRACITE: B246
WHITE: B254
BLACK: B250



ANTHRACITE: B262
WHITE: B266
BLACK: B264



PN-200003357

1x

PN-200003394

1x

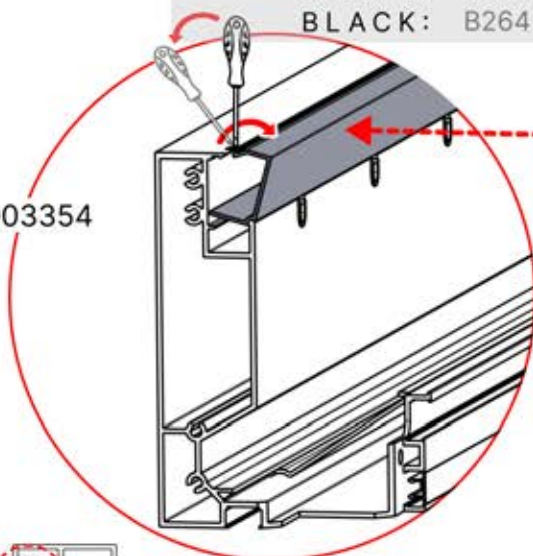
PN-200003354

1x

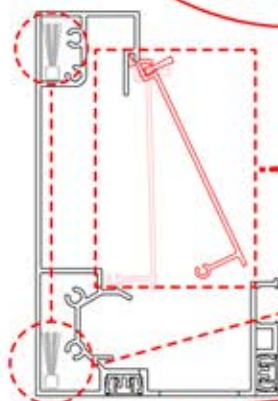
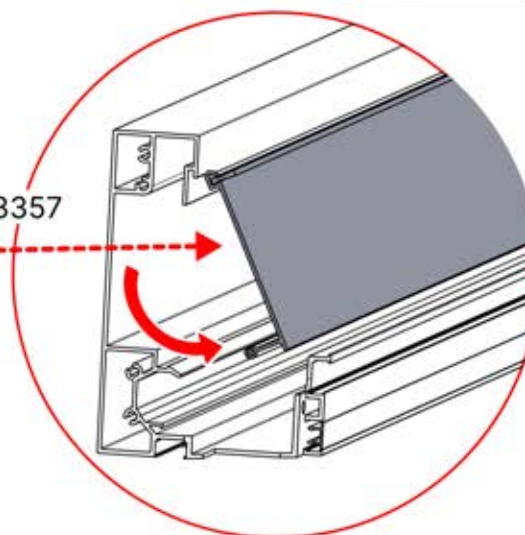
PN-200003387

1x

PN-200003354

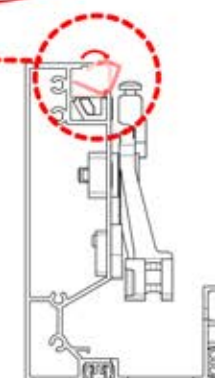


PN-200003357

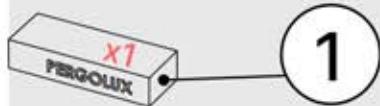


! Remove the brush from the beam and set it aside. It will be installed during a later step in the manual.

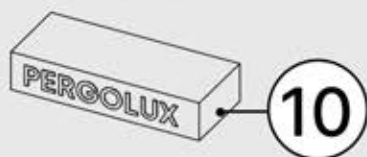
PN-200003387



01



ANTHRACITE: C120
WHITE: C122
BLACK: C121



SCREW KIT
PN-200004209



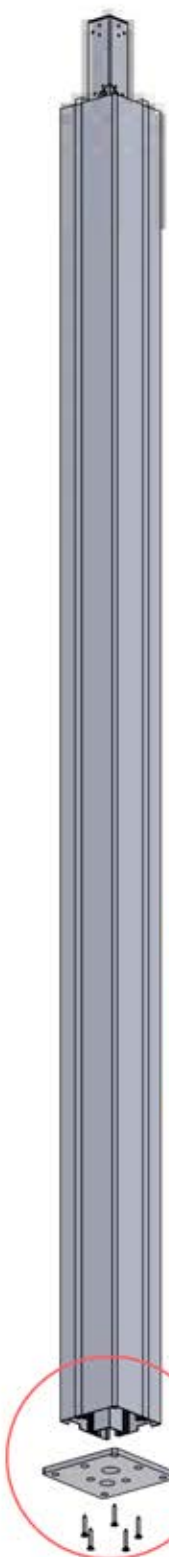
PN-200002606
2x



PN-200002614
2x



5.5x60
7/32" x 2-3/8"
PN-200004204
10x



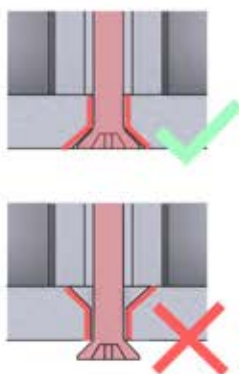
PN-200002606

PN-200002614

PN-200004204

PN-200004204

2



02



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200000510
5x

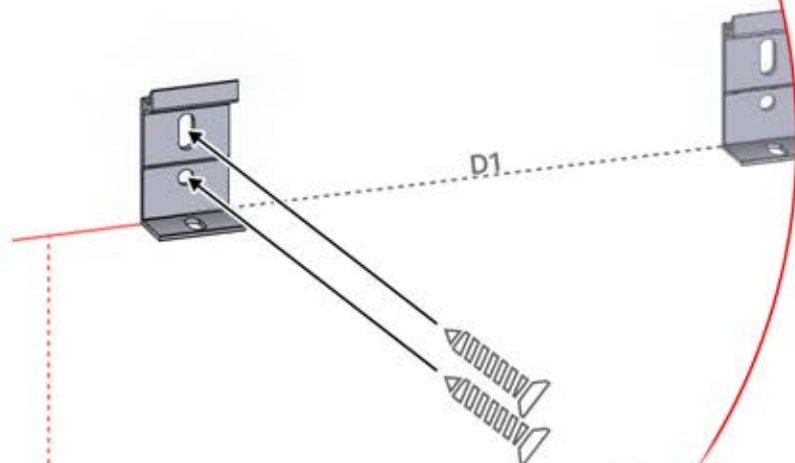
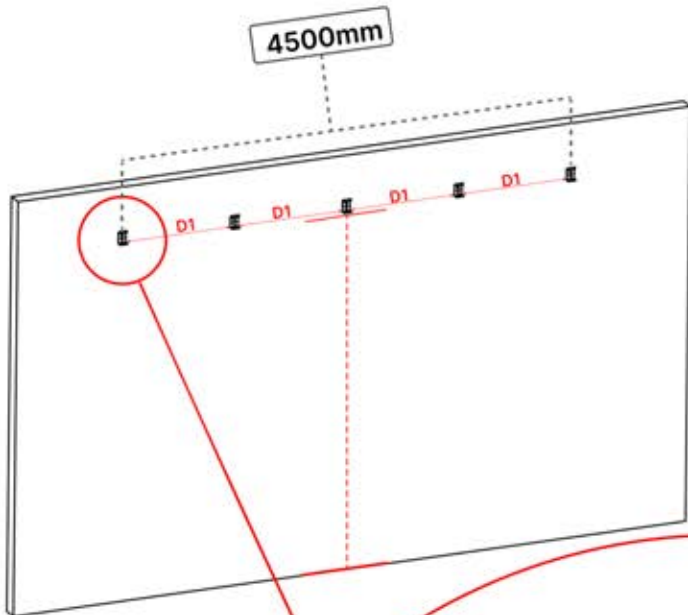
PN-20000
3305



x10



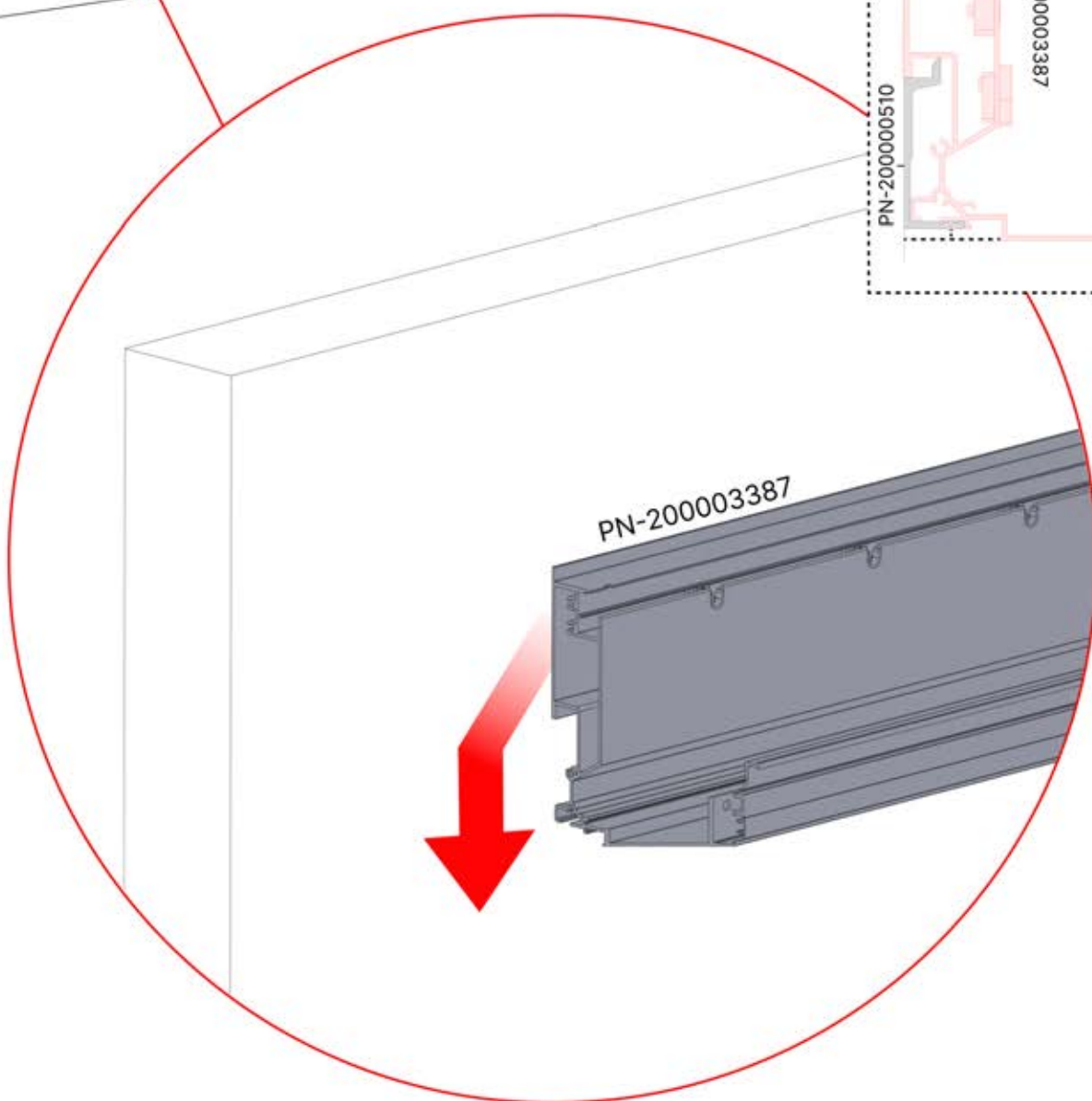
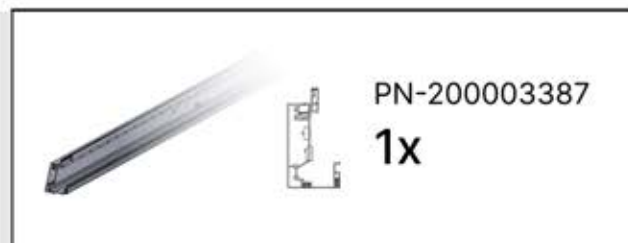
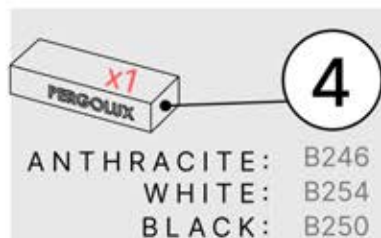
Install the first and last wall mount brackets (PN-200000510) 4500 mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.



2356 mm
92 3/4"



03



04

 **x1**

4

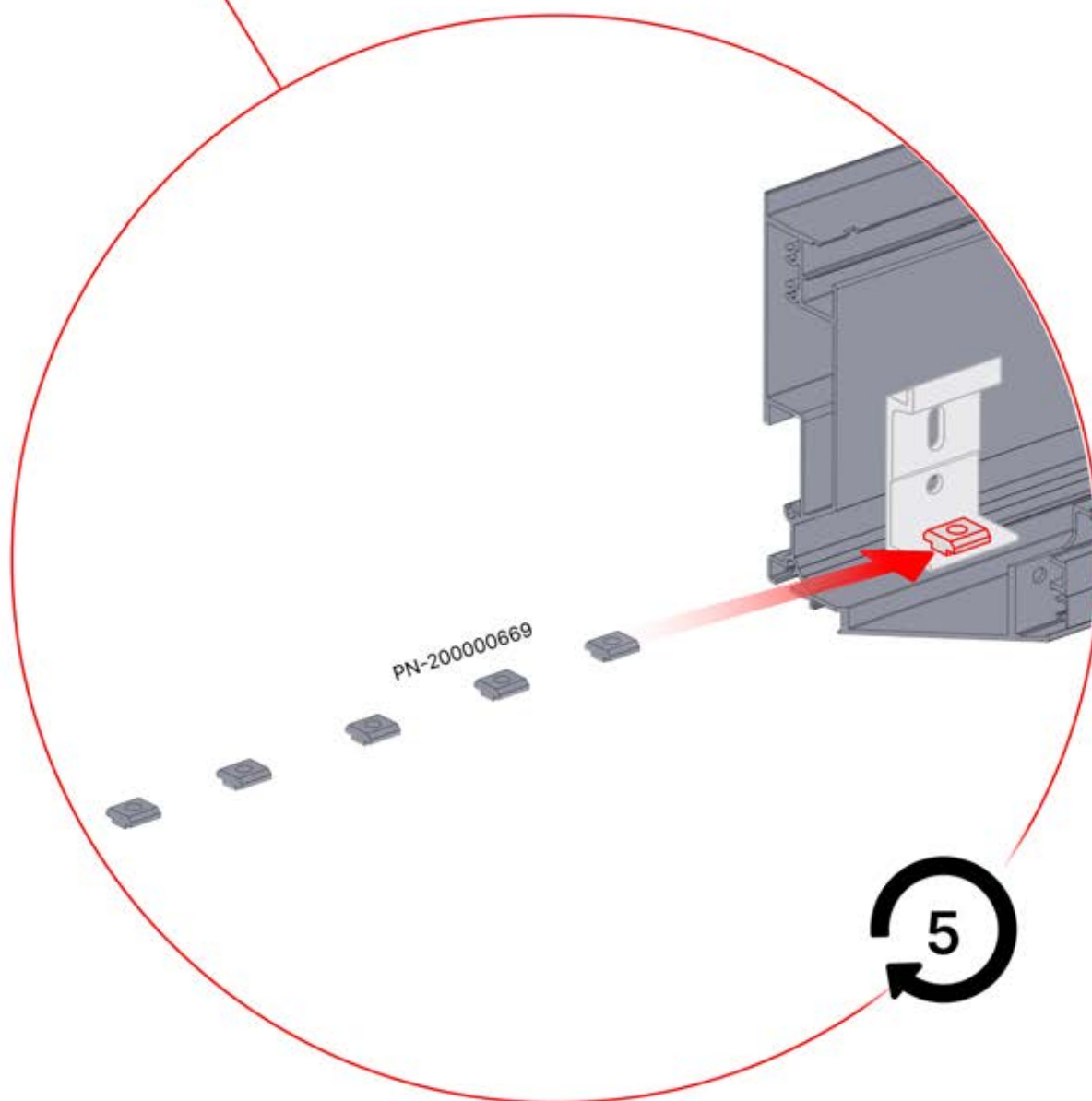
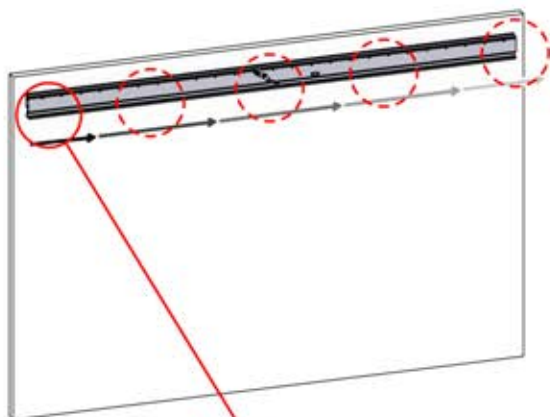
ANTHRACITE: B246
WHITE: B254
BLACK: B250



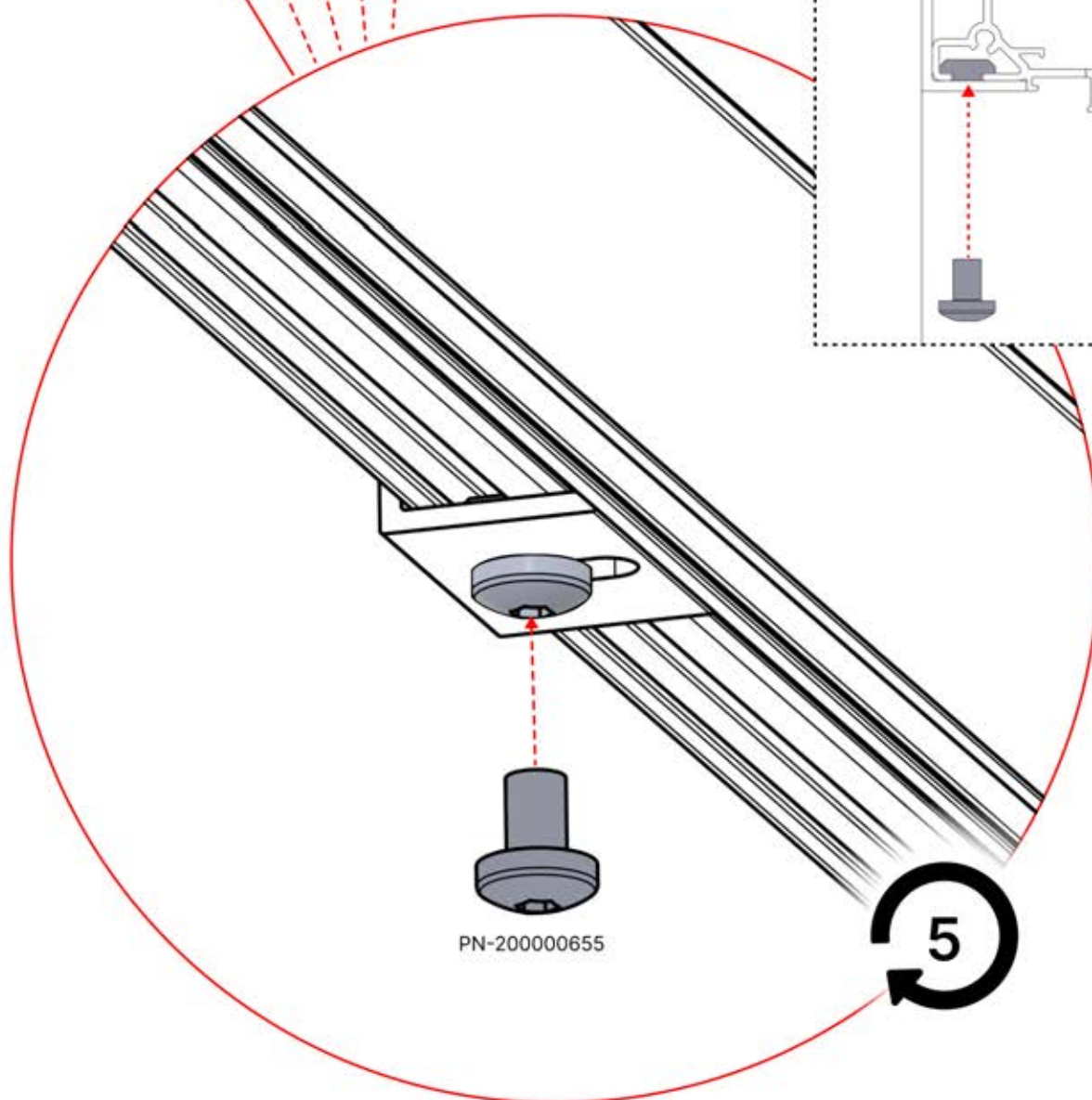
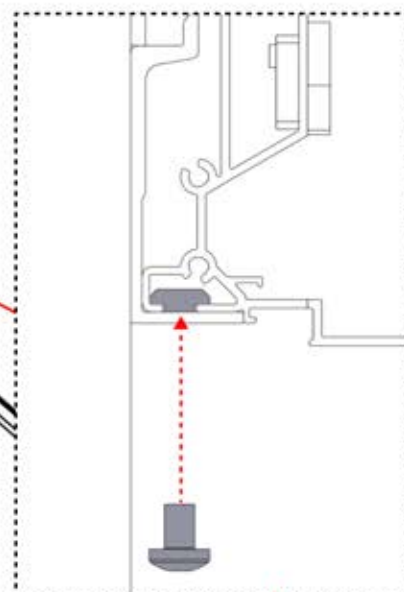
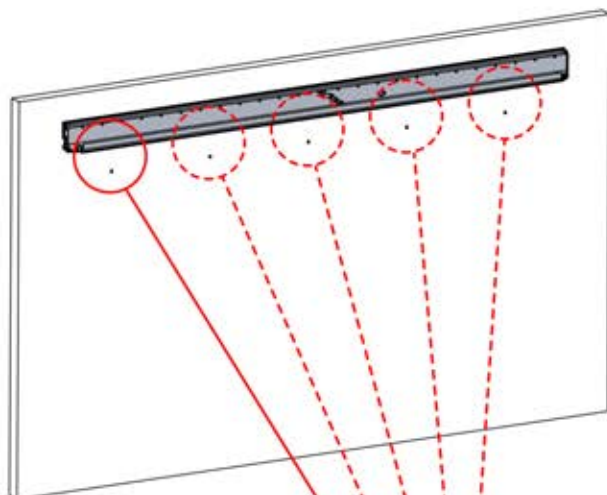
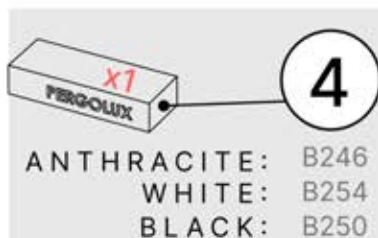
PN-200000669
5x

PN-20000
3305

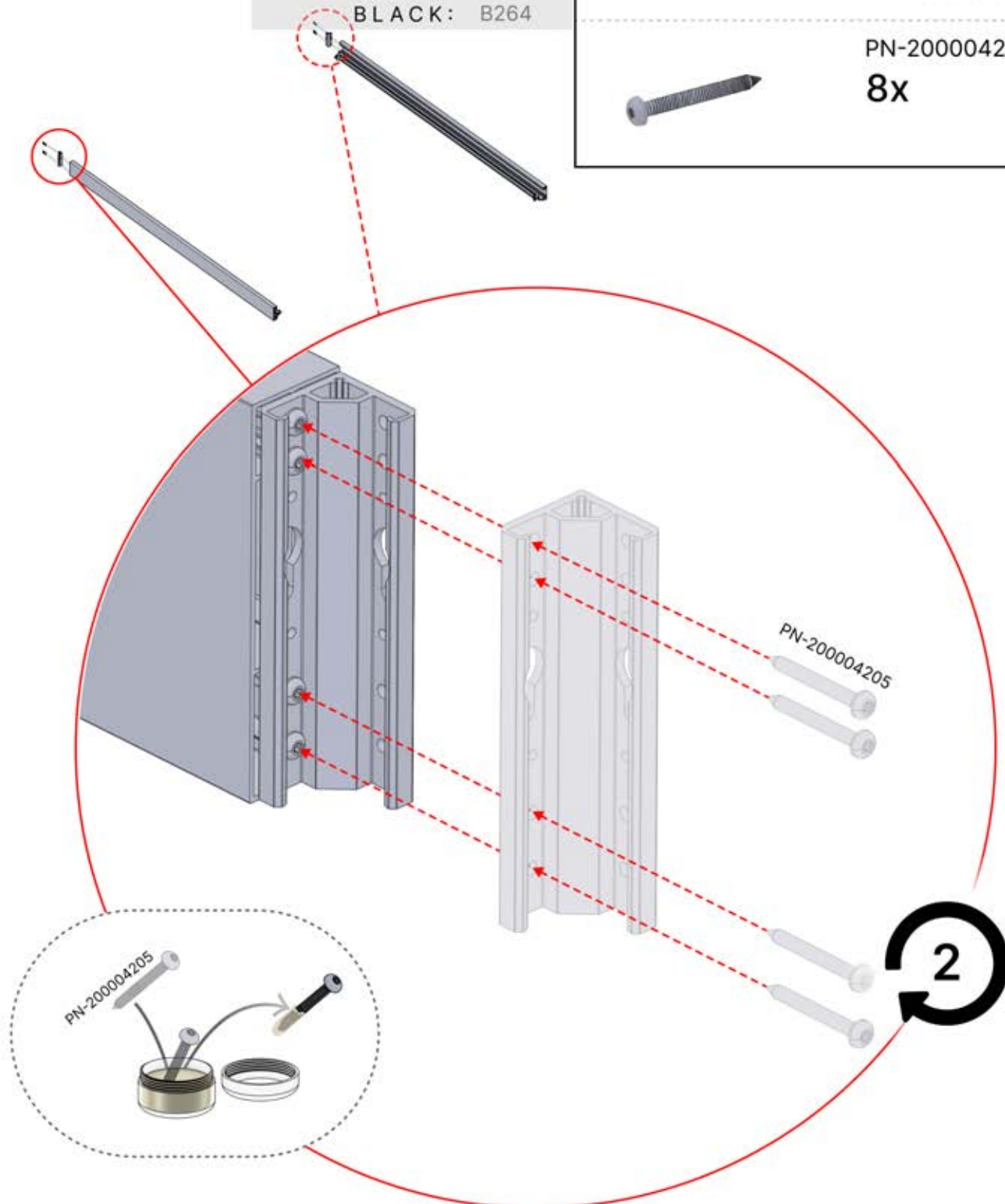




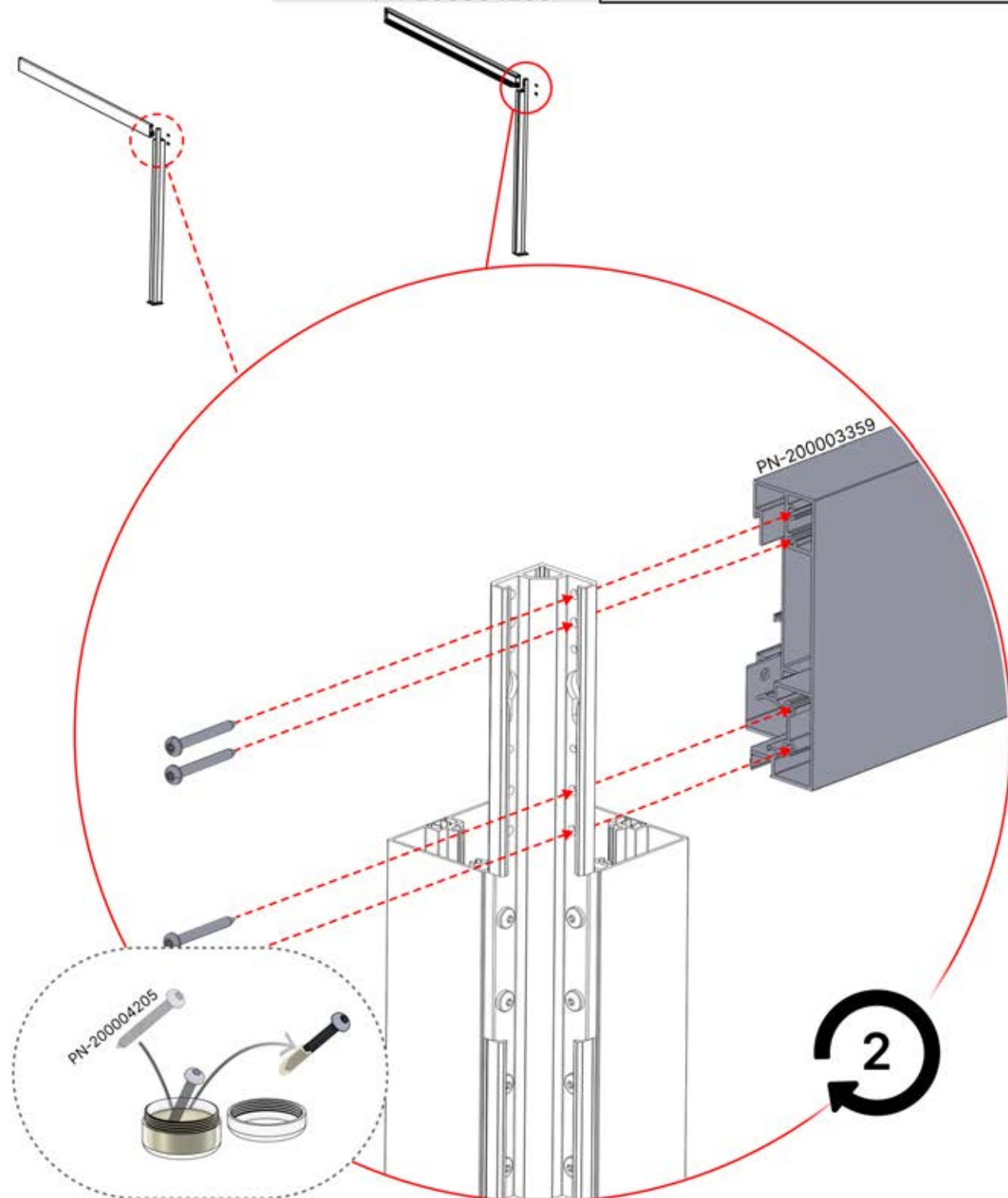
05



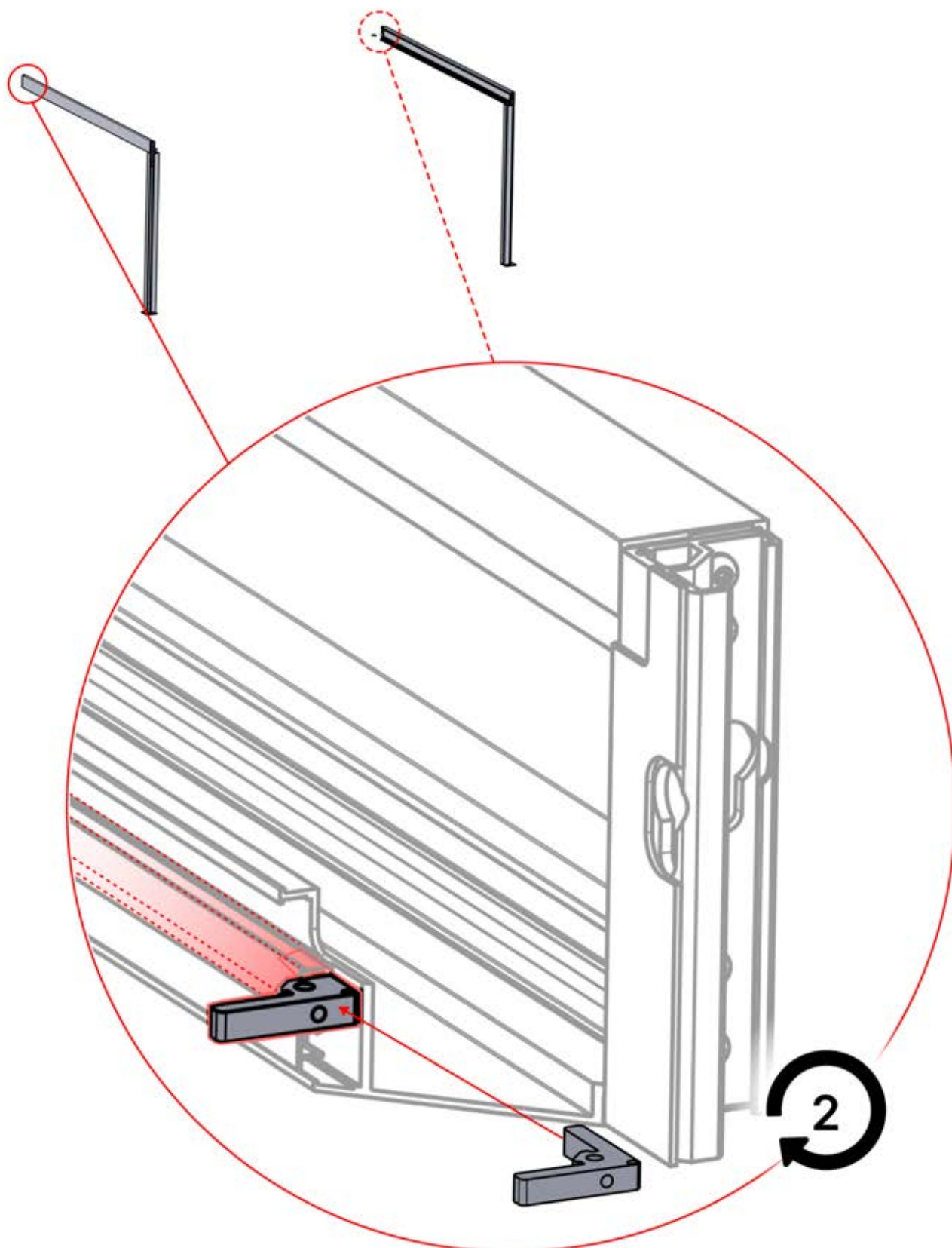
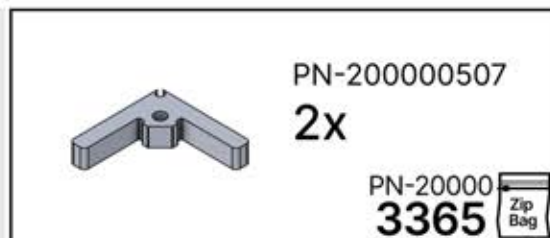
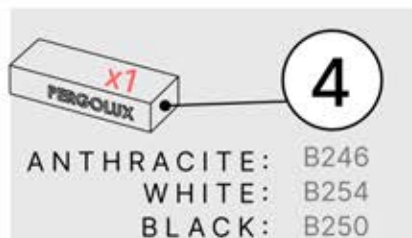
06



07



08



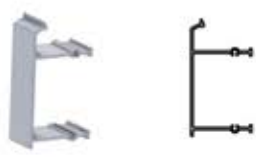
09



x1

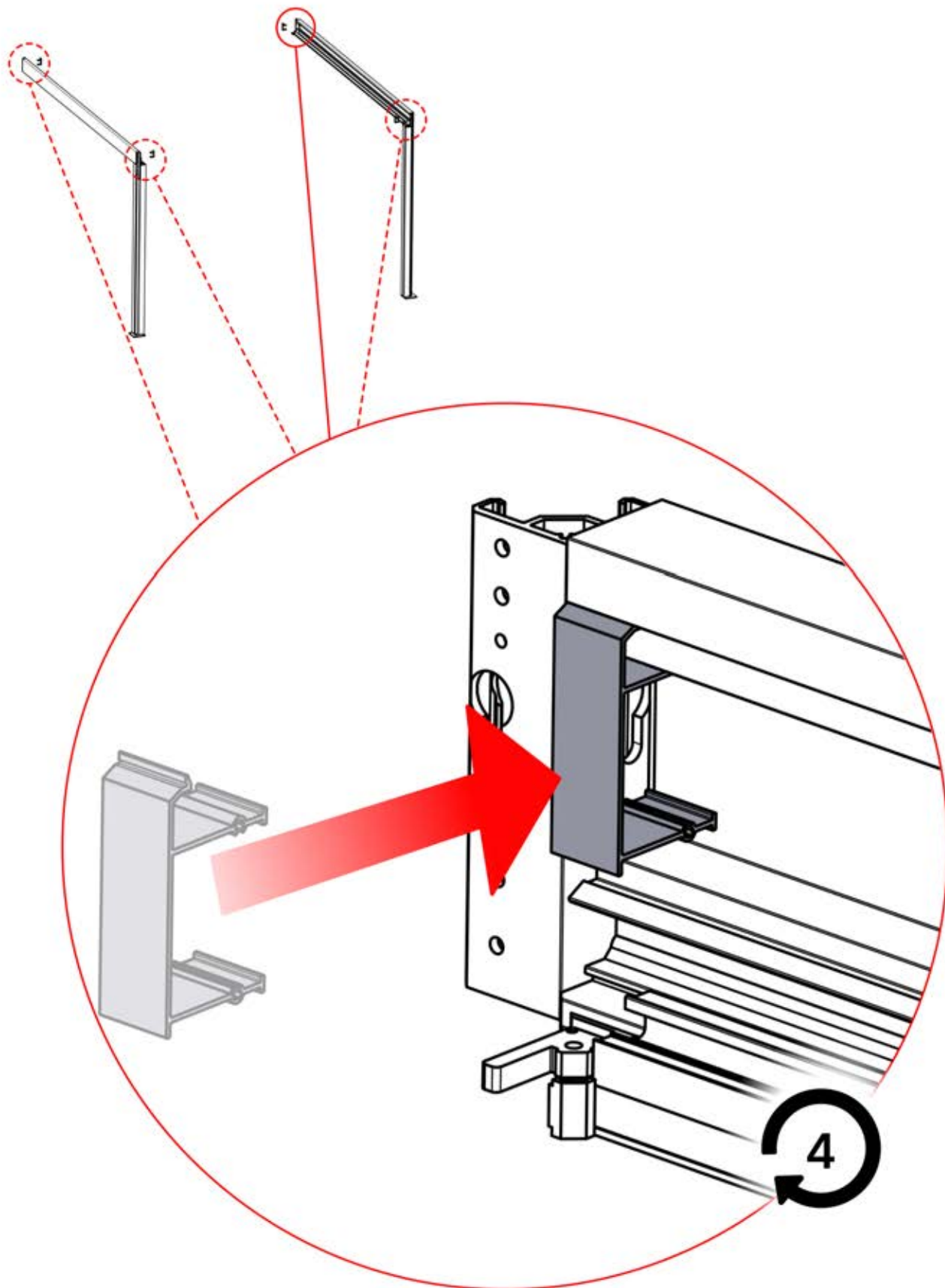
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200002622
4x
PN-20000
3281





10



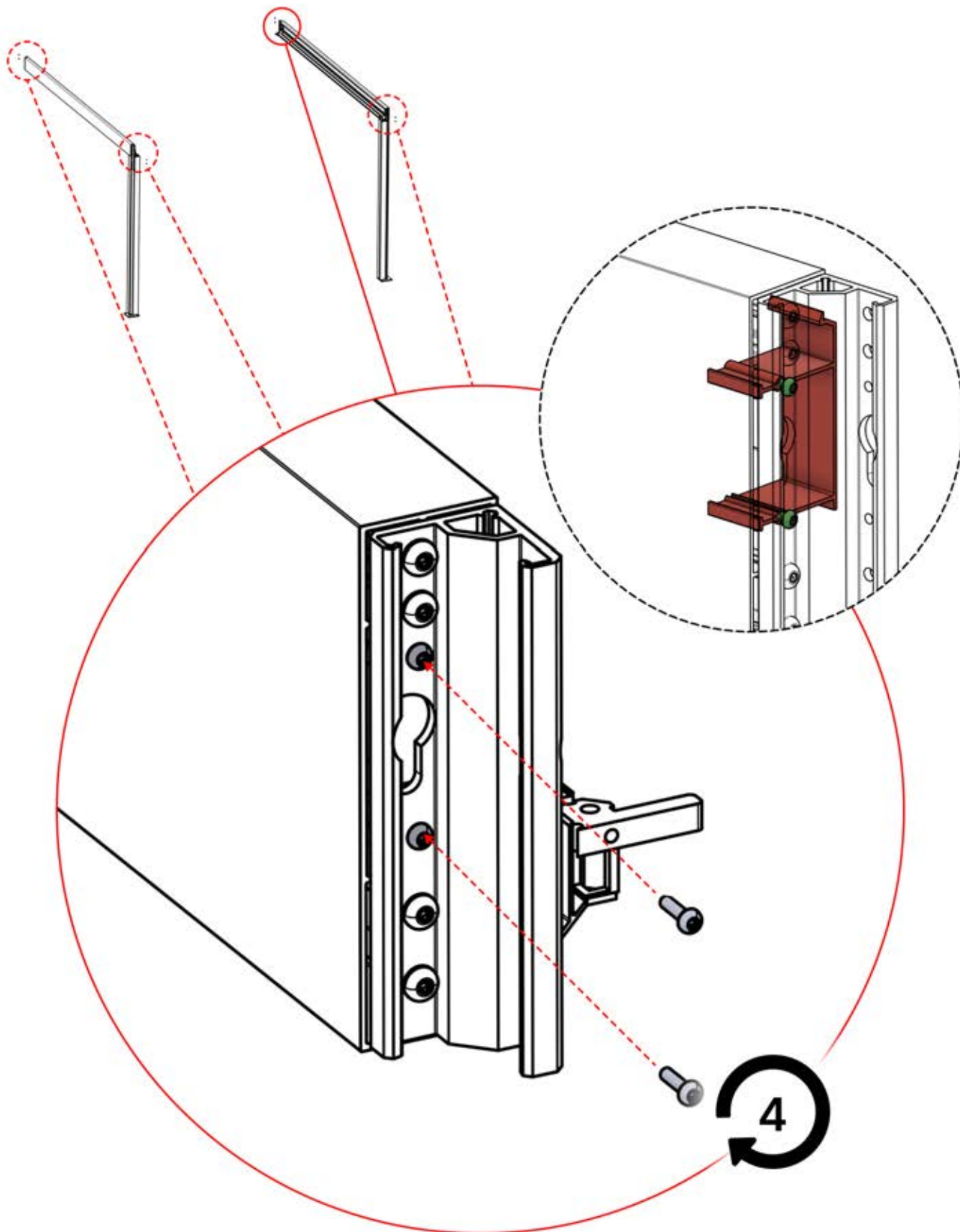
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

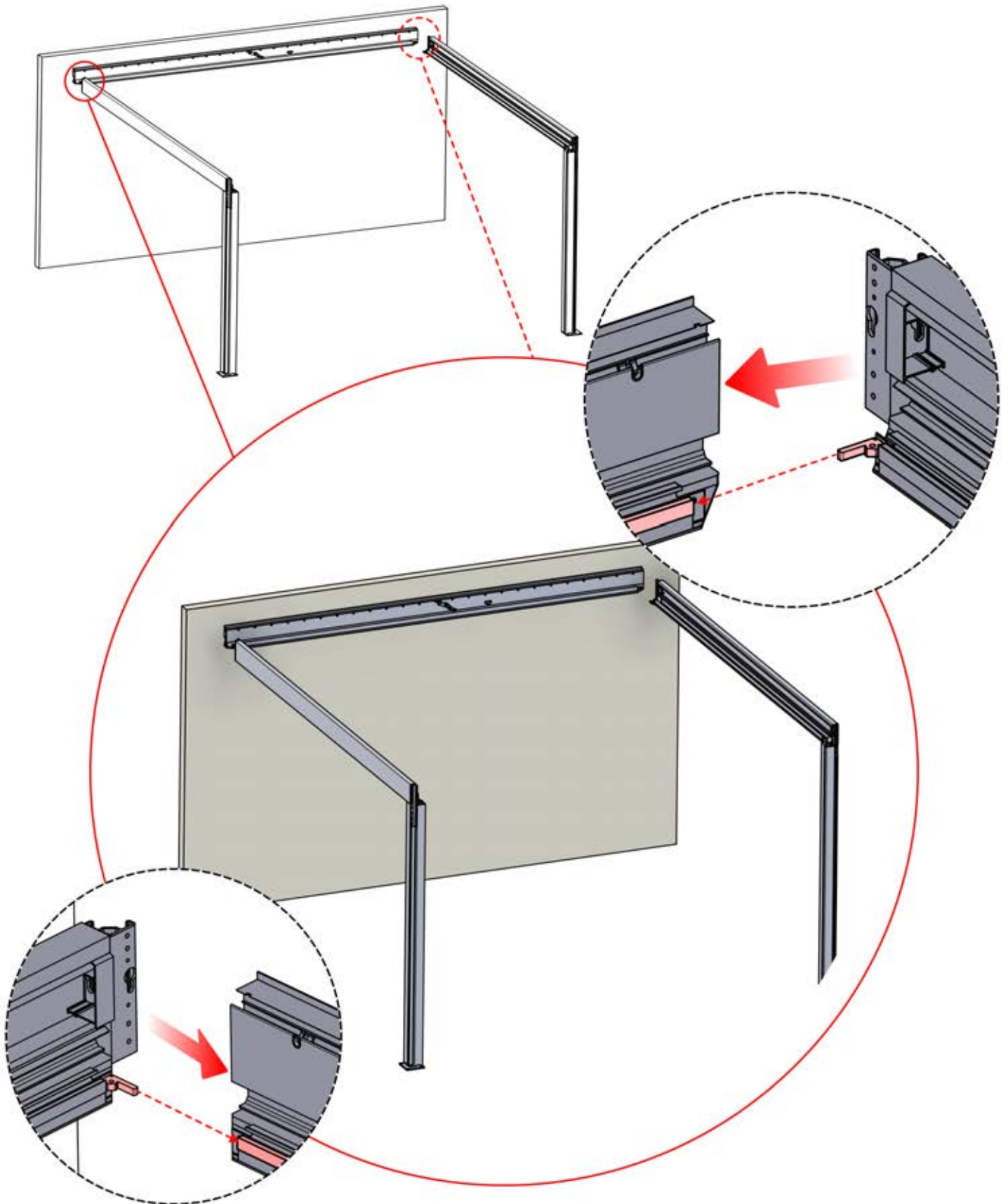


PN-200000680

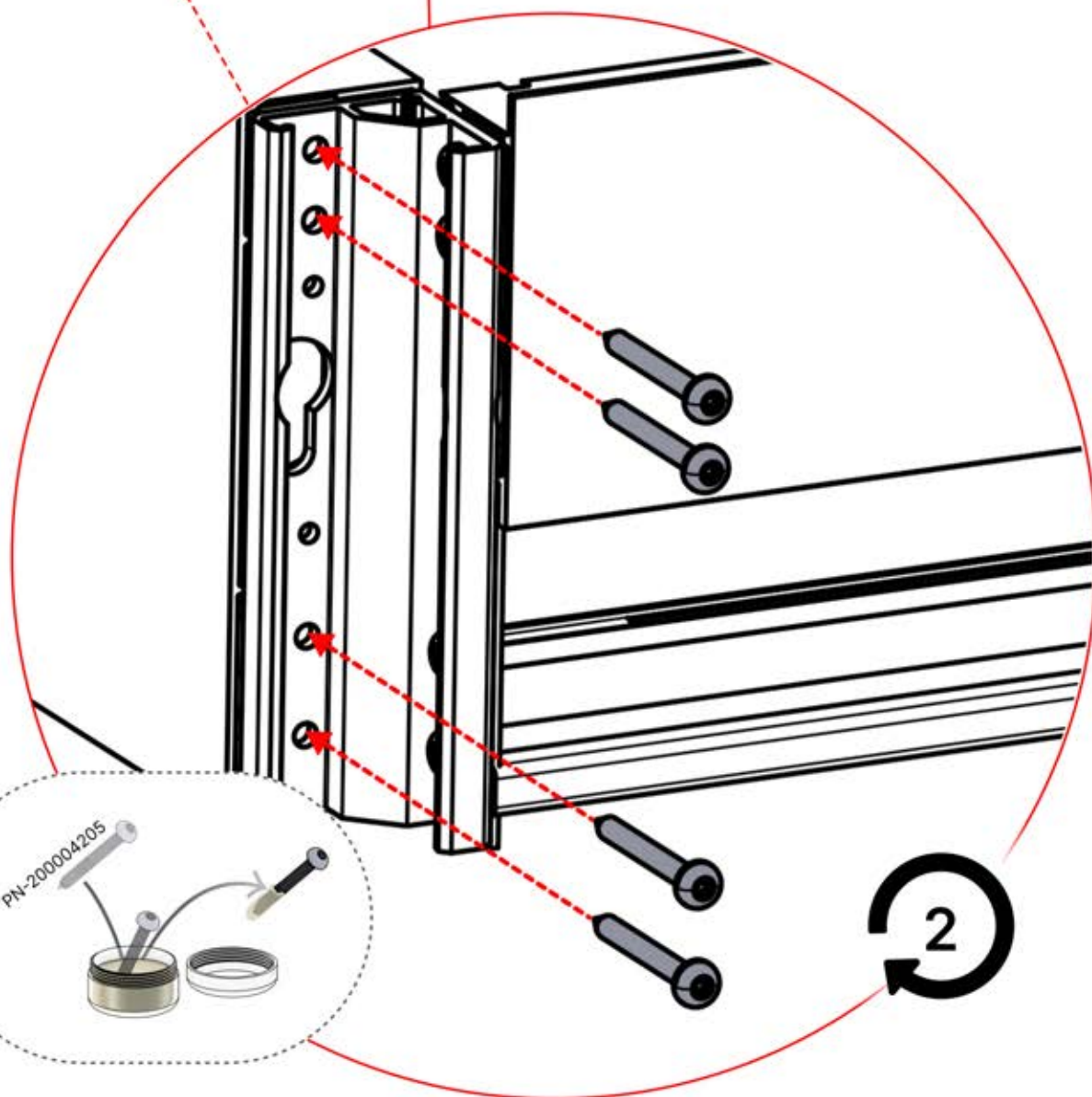
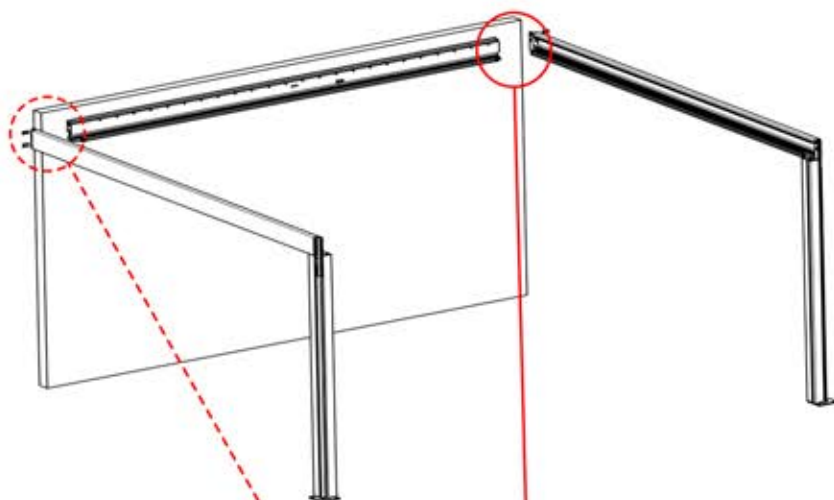
8x

PN-20000
3281

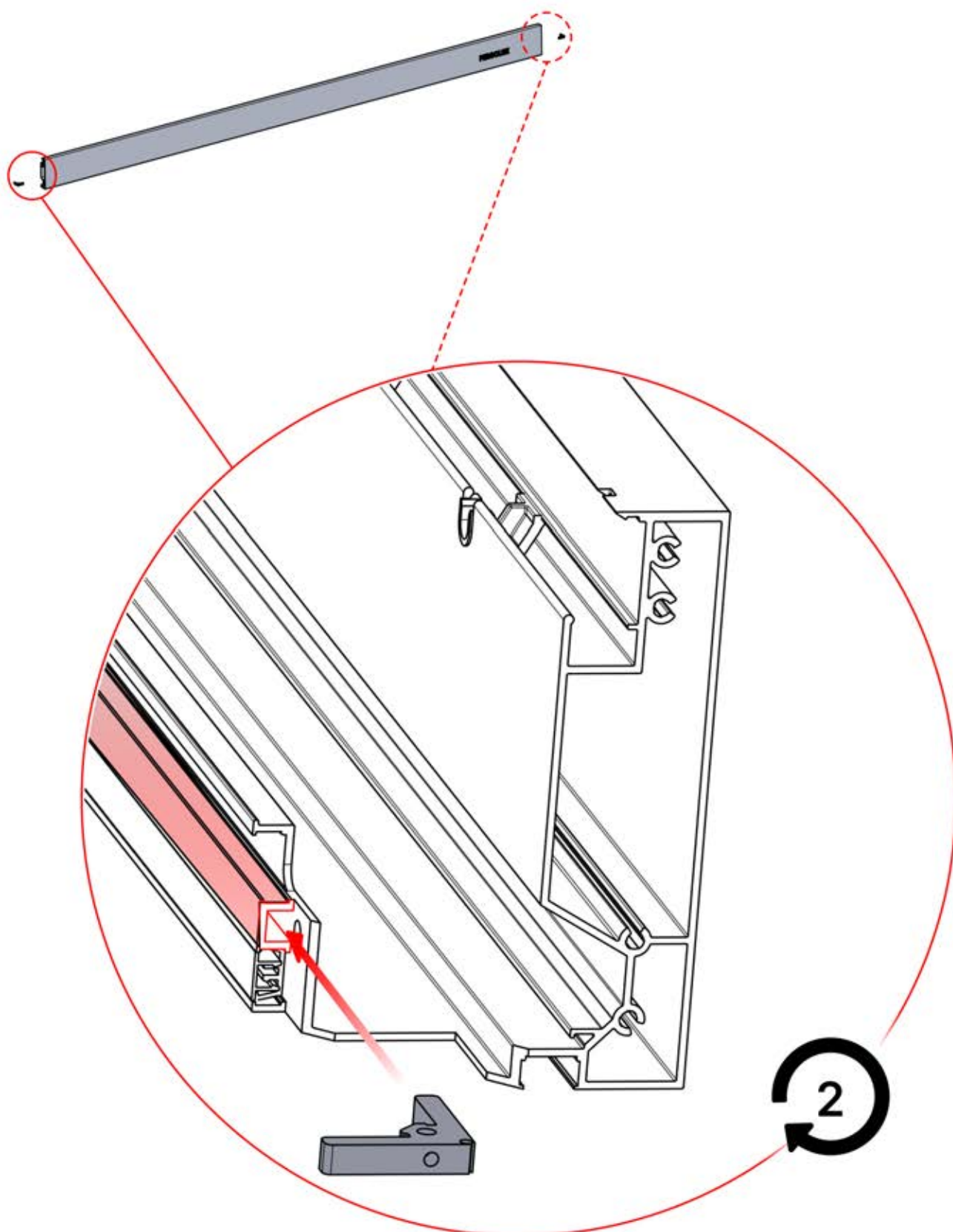
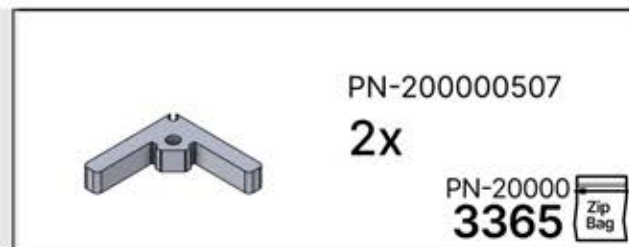
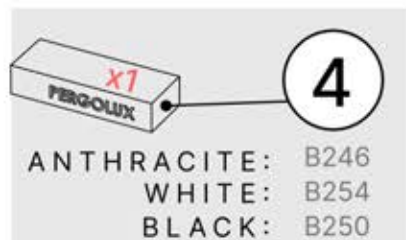
11



12



13



14



4

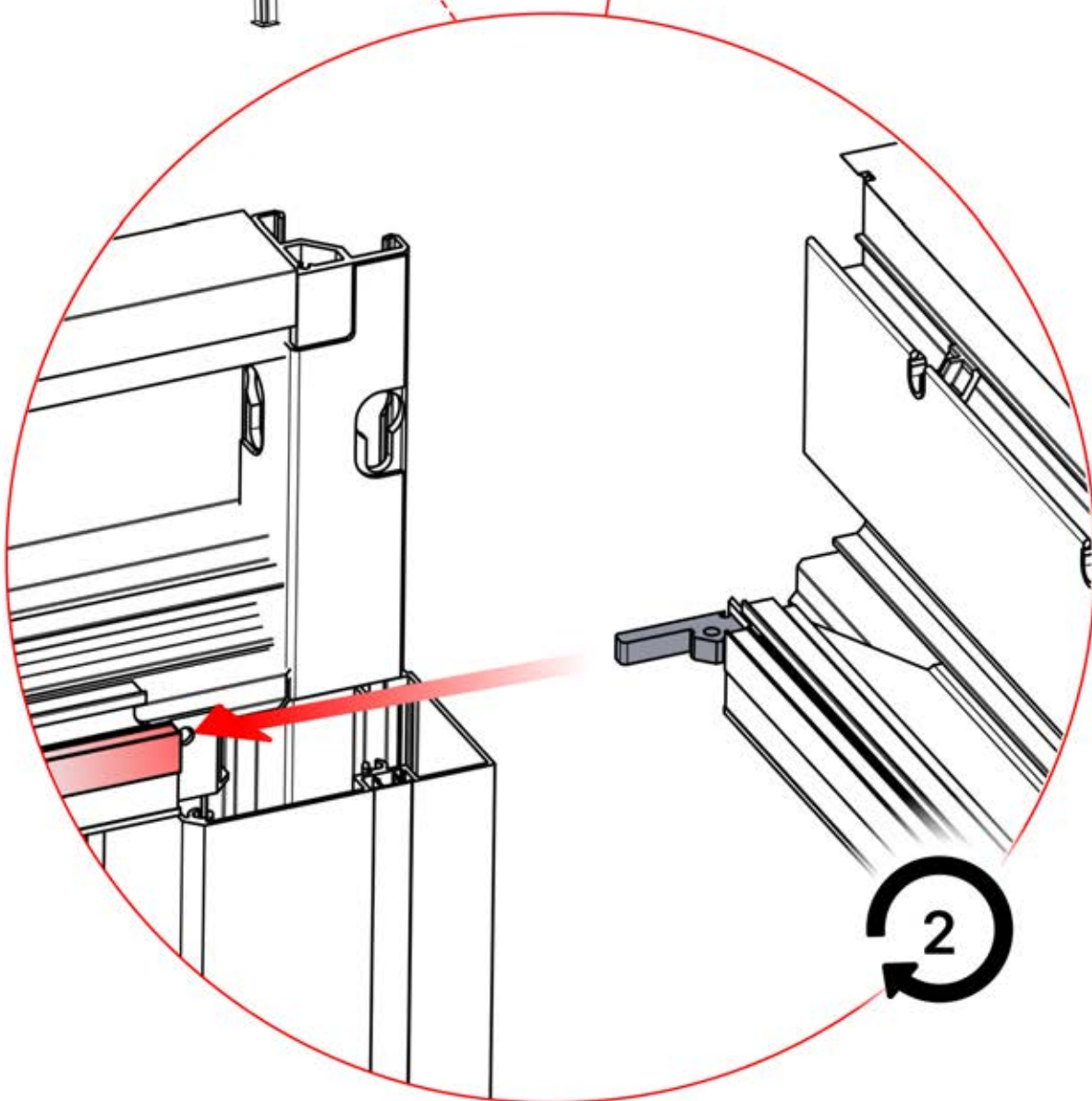
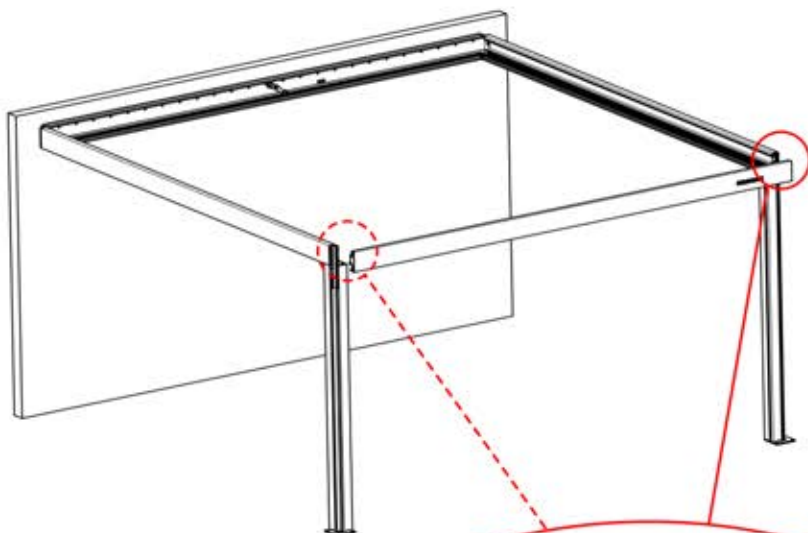
ANTHRACITE: B246
WHITE: B254
BLACK: B250



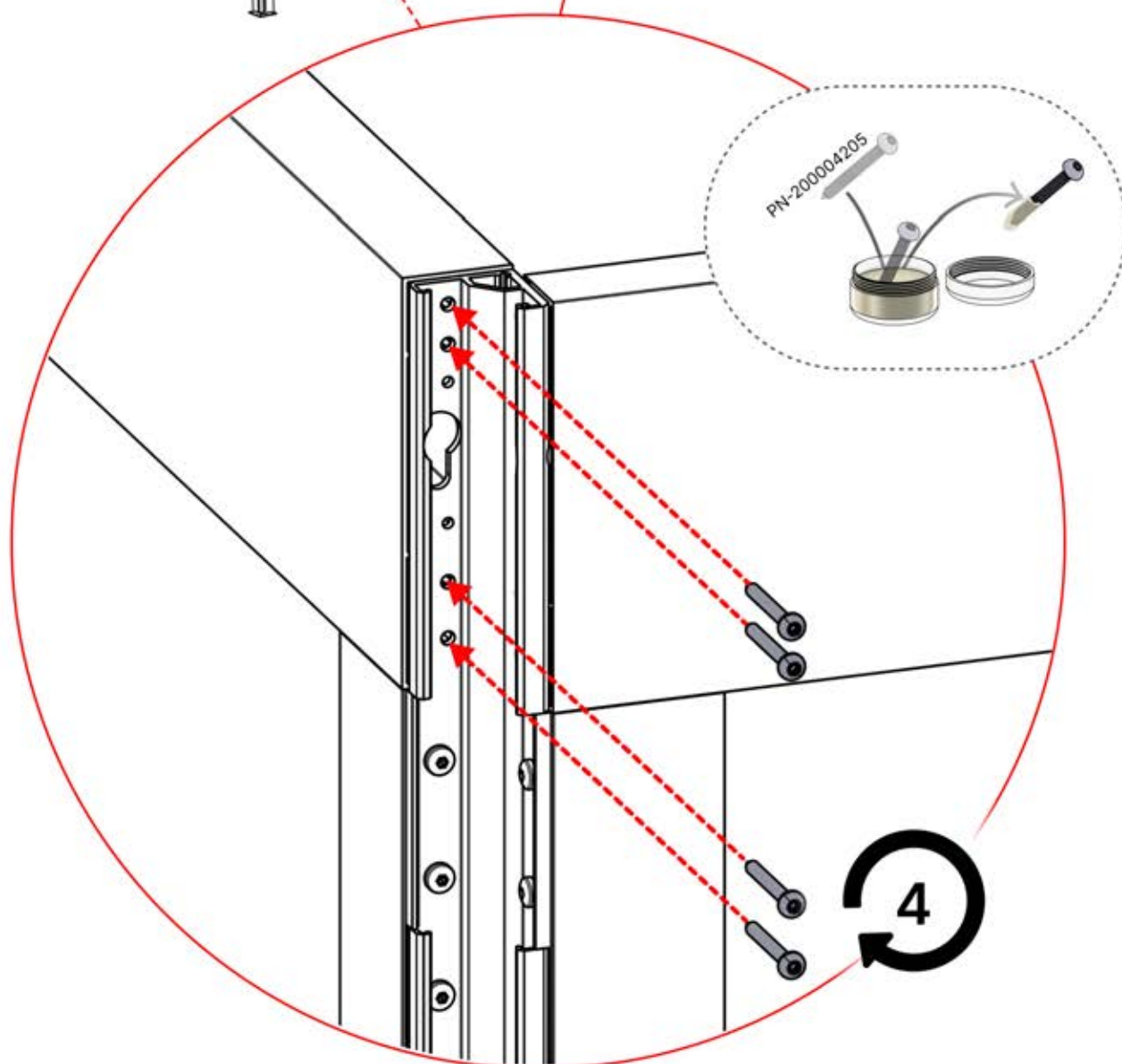
PN-200000507

2x

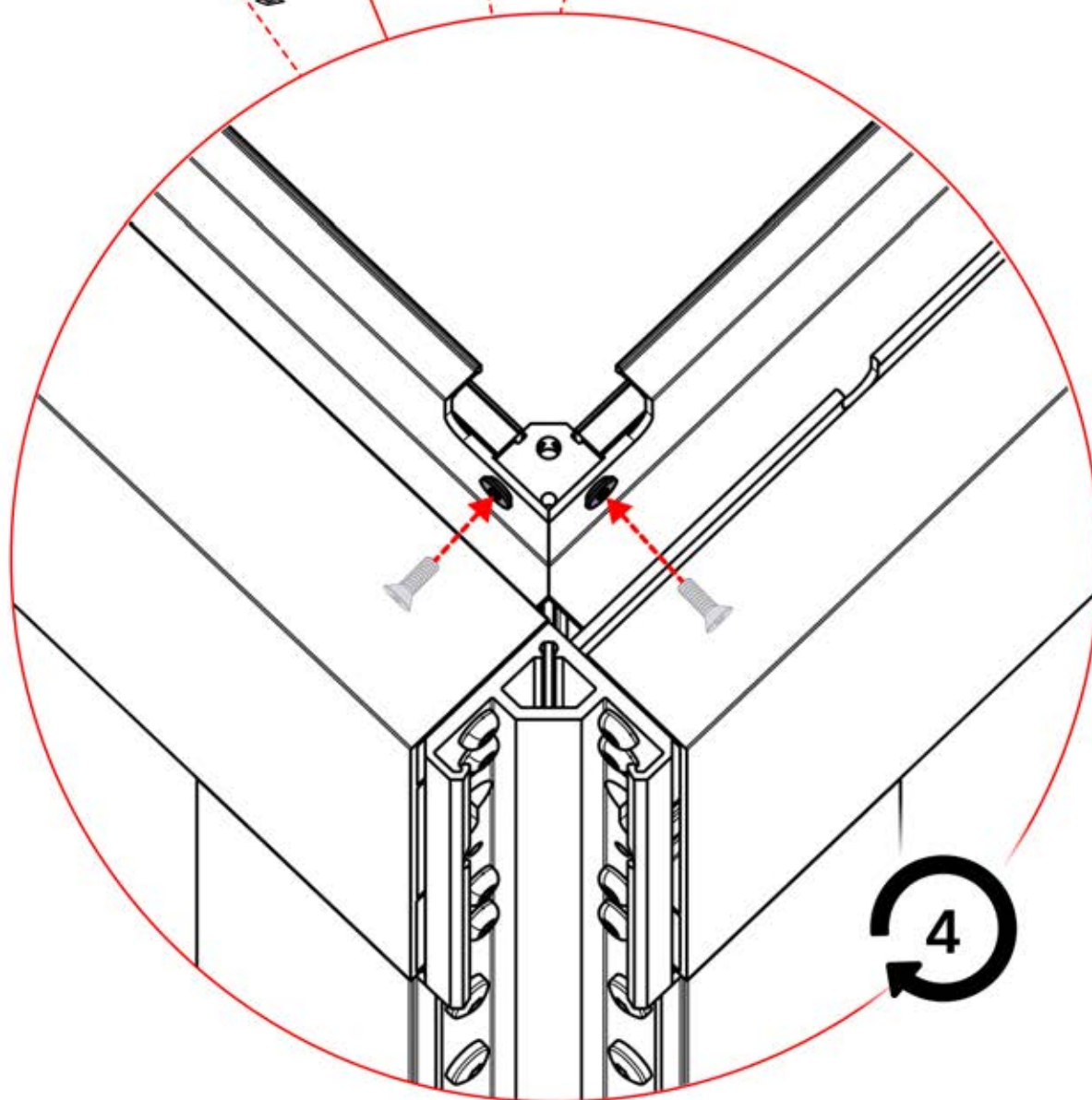
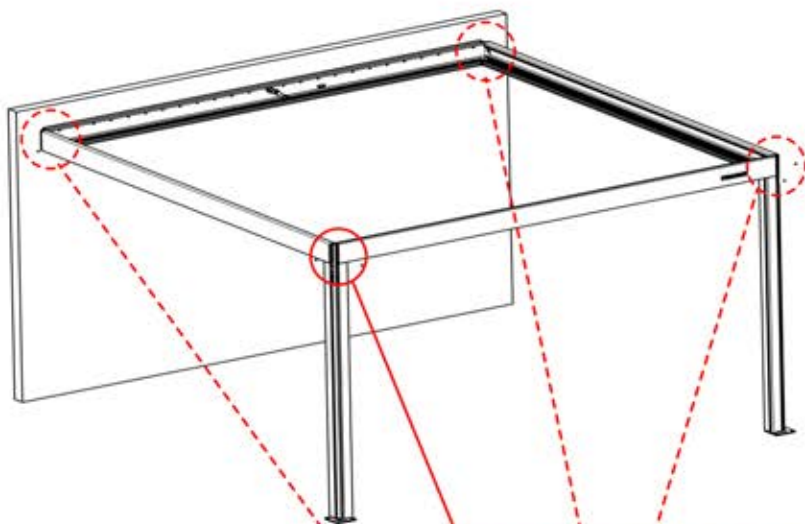
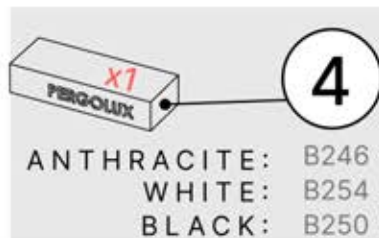
PN-20000
3365



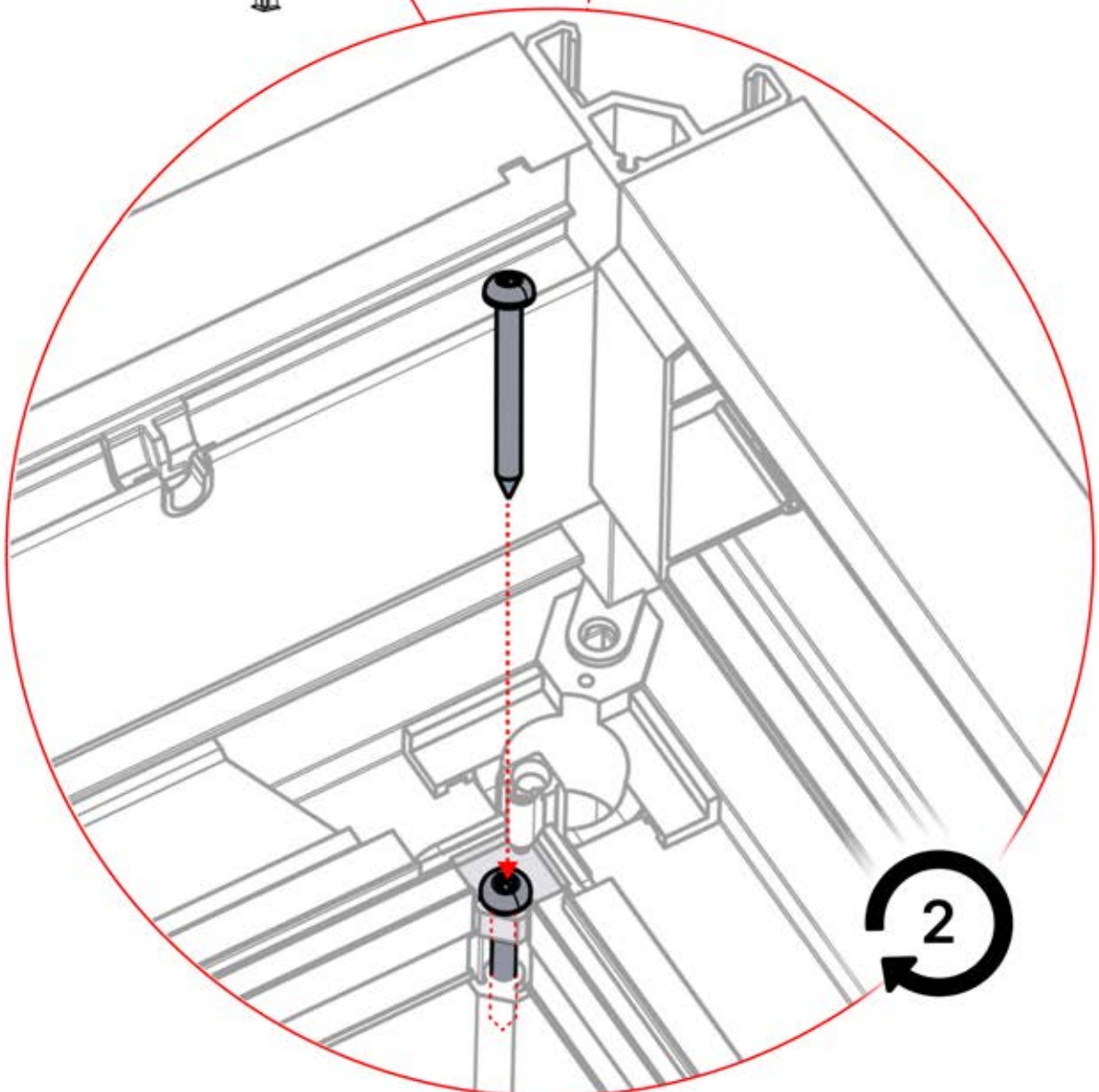
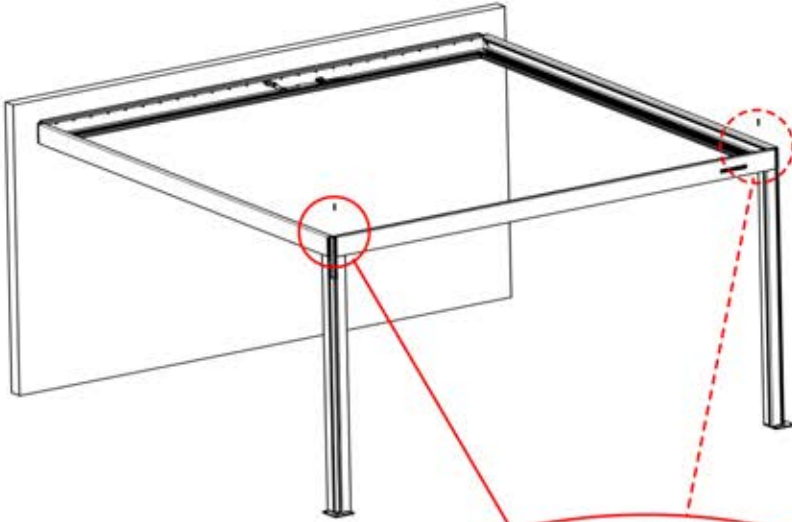
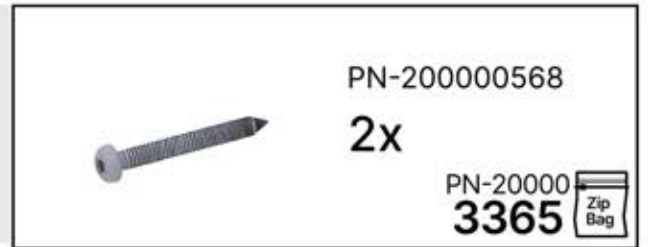
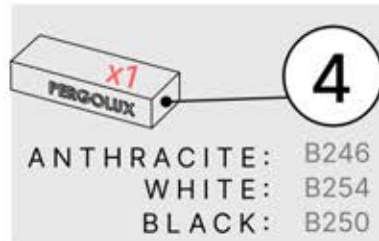
15



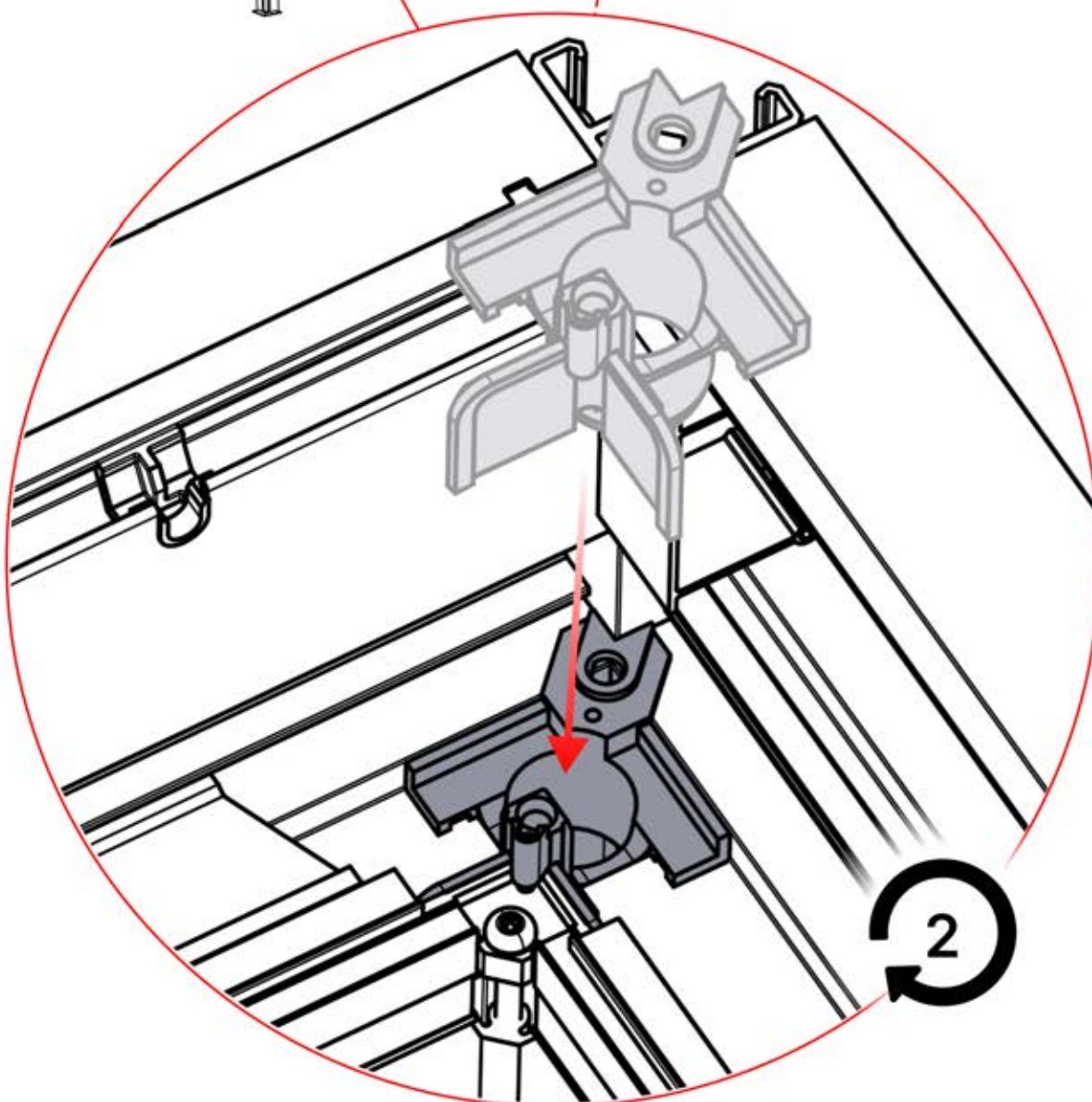
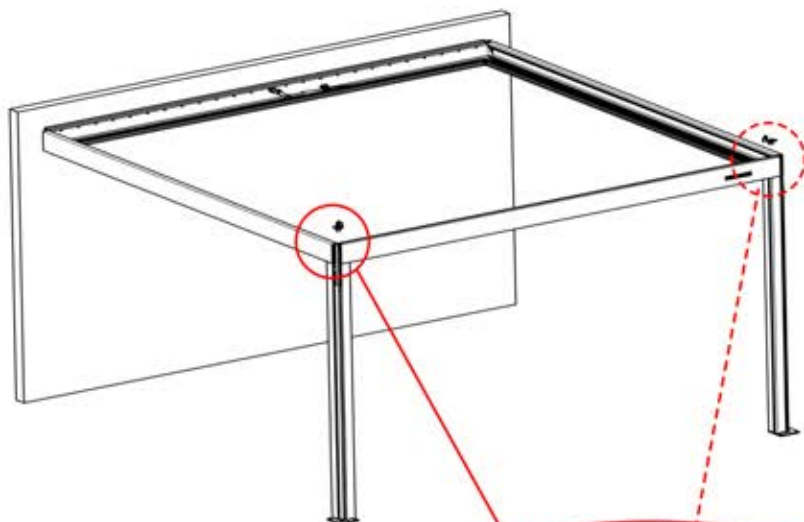
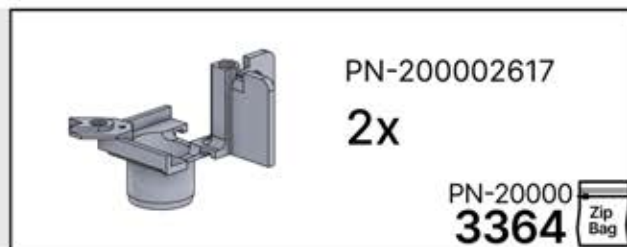
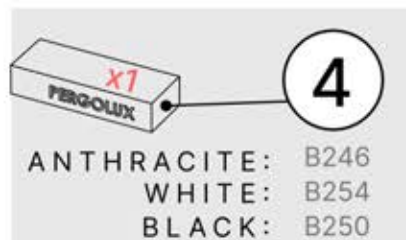
16



17



18



19

x1
FERGOWUX

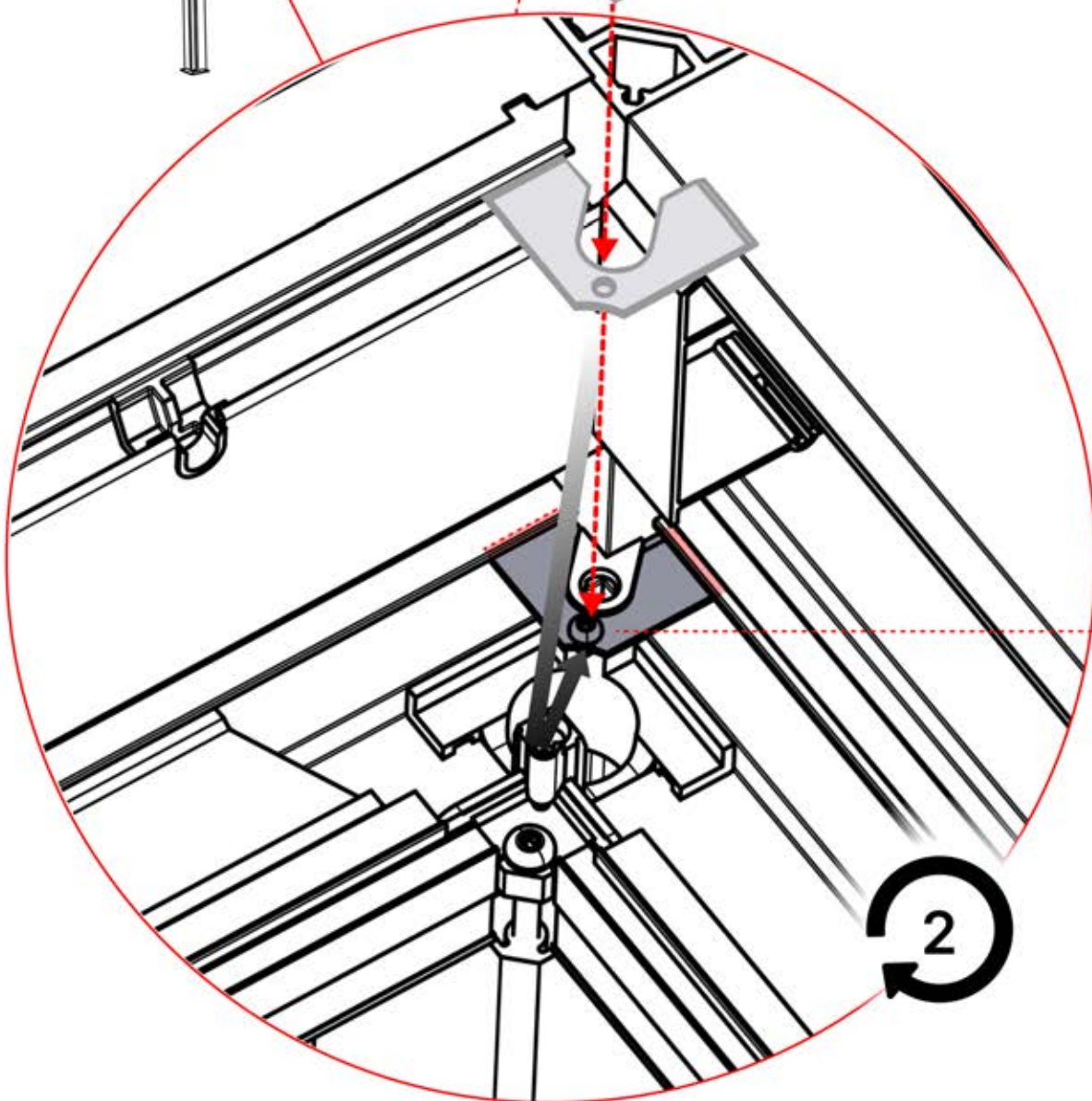
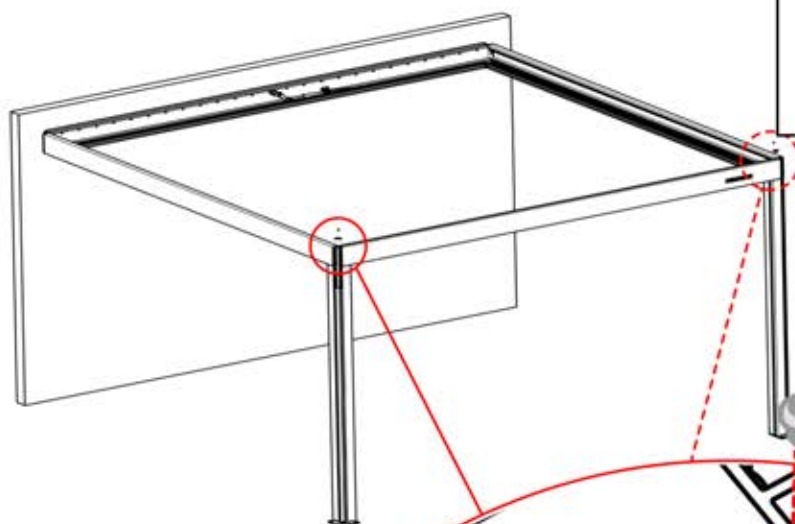
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

 PN-200002618
2x

 3.5x8
6 x 5/16" PN-200000571
2x

PN-20000
3276 

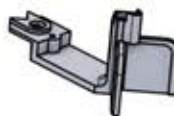


20



4

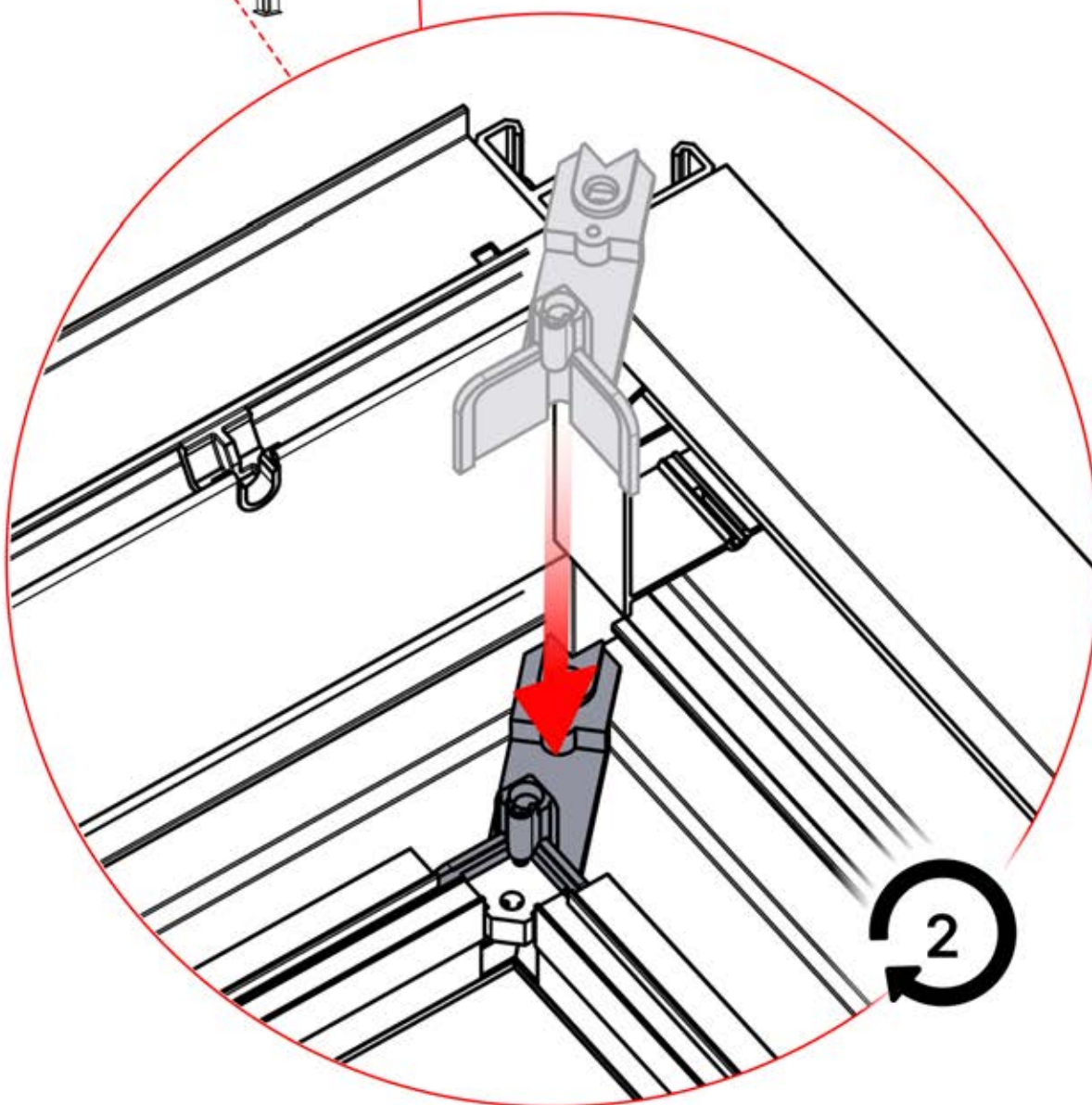
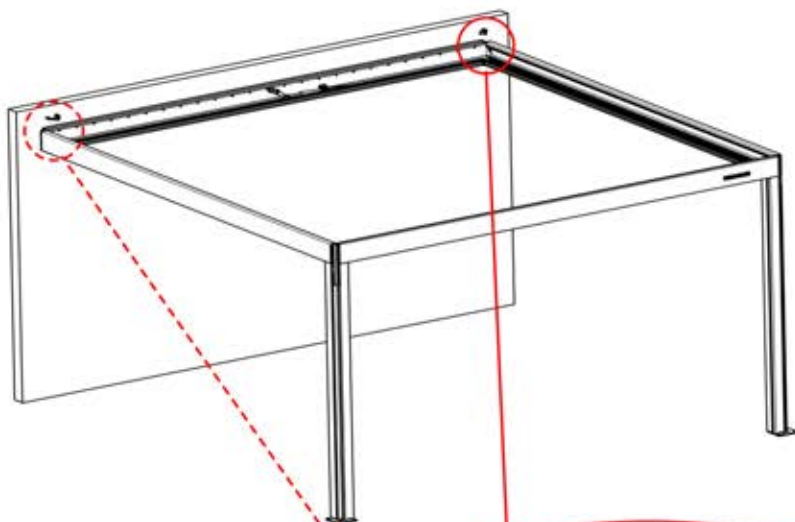
ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200002792

2x

PN-20000
3364



21



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200002618

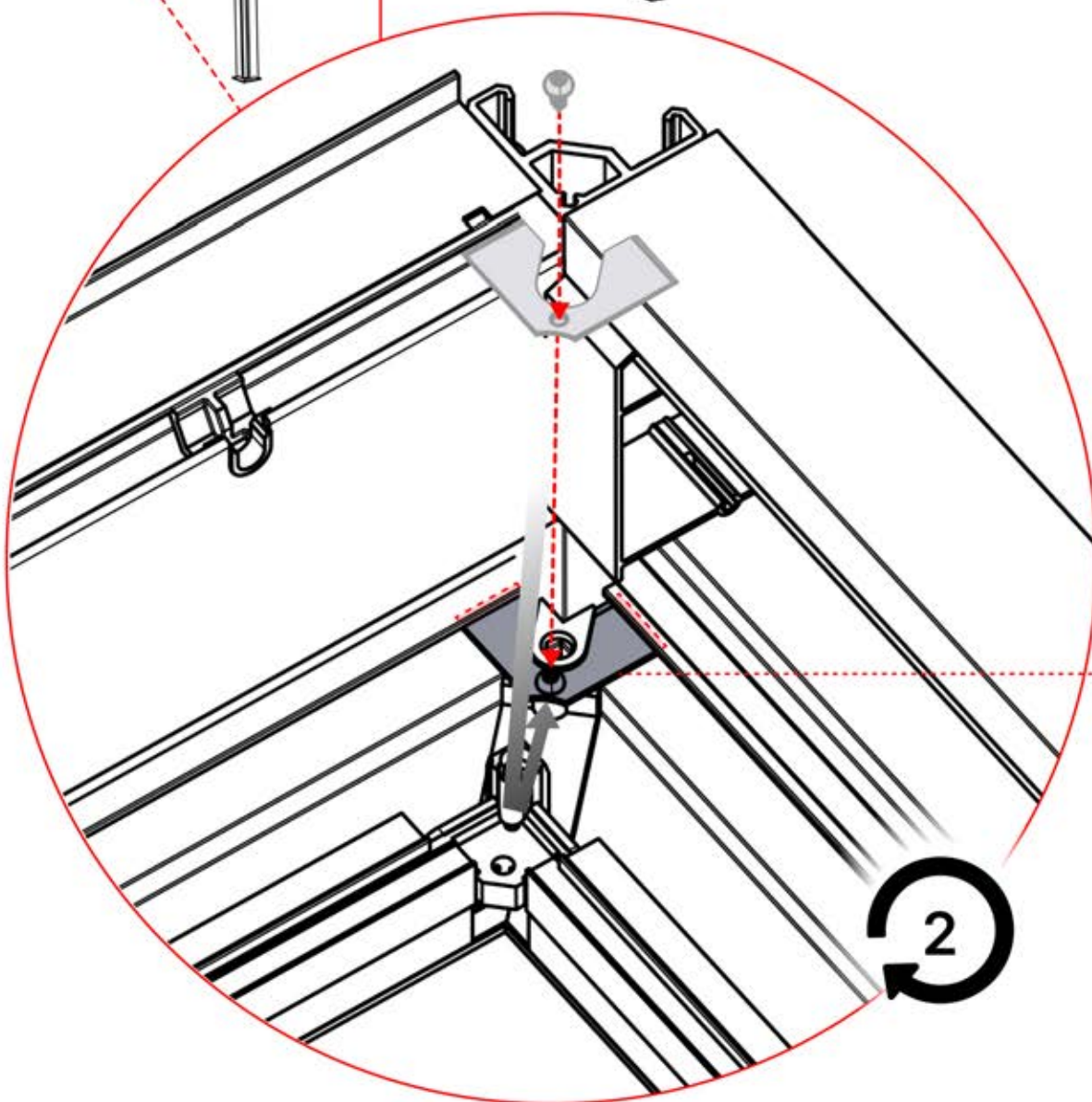
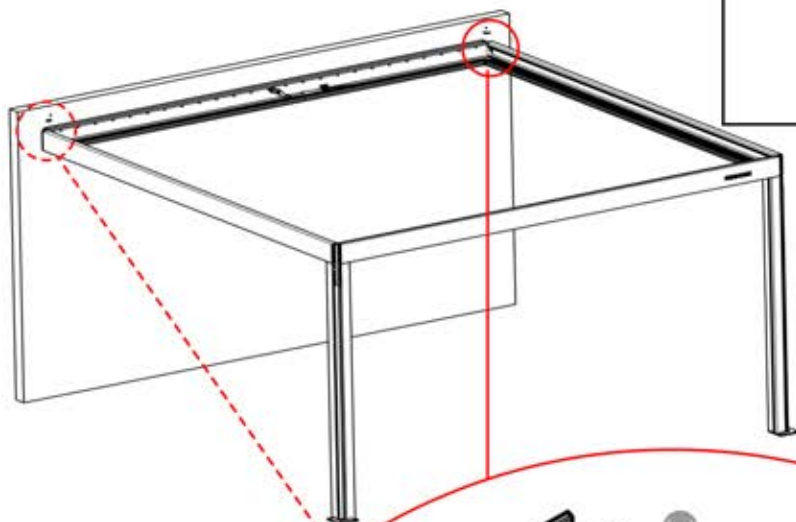
2x



PN-200000571

2x

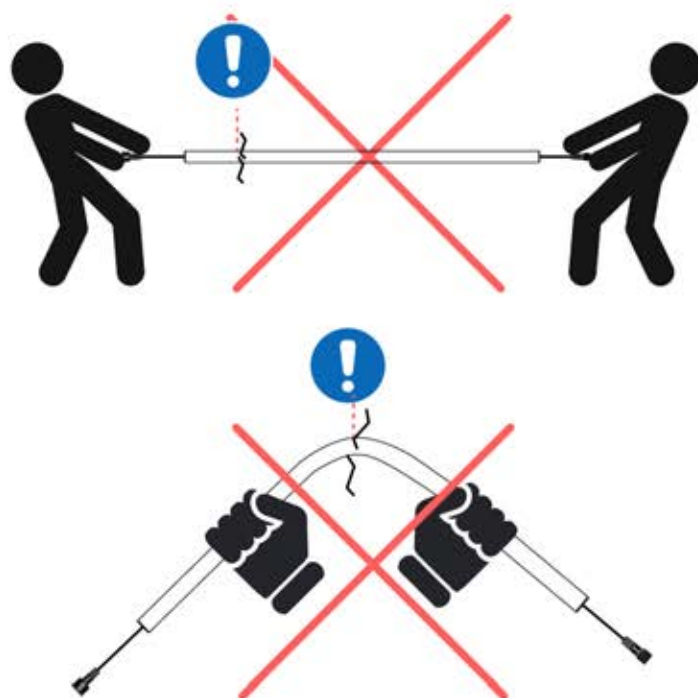
PN-20000
3276



IMPORTANT INFORMATION

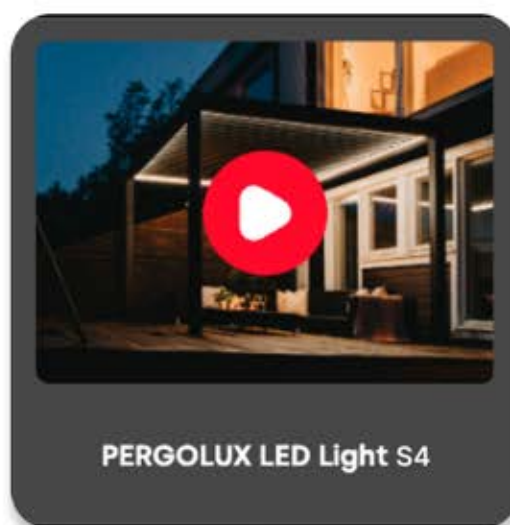
Handle with care.

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.

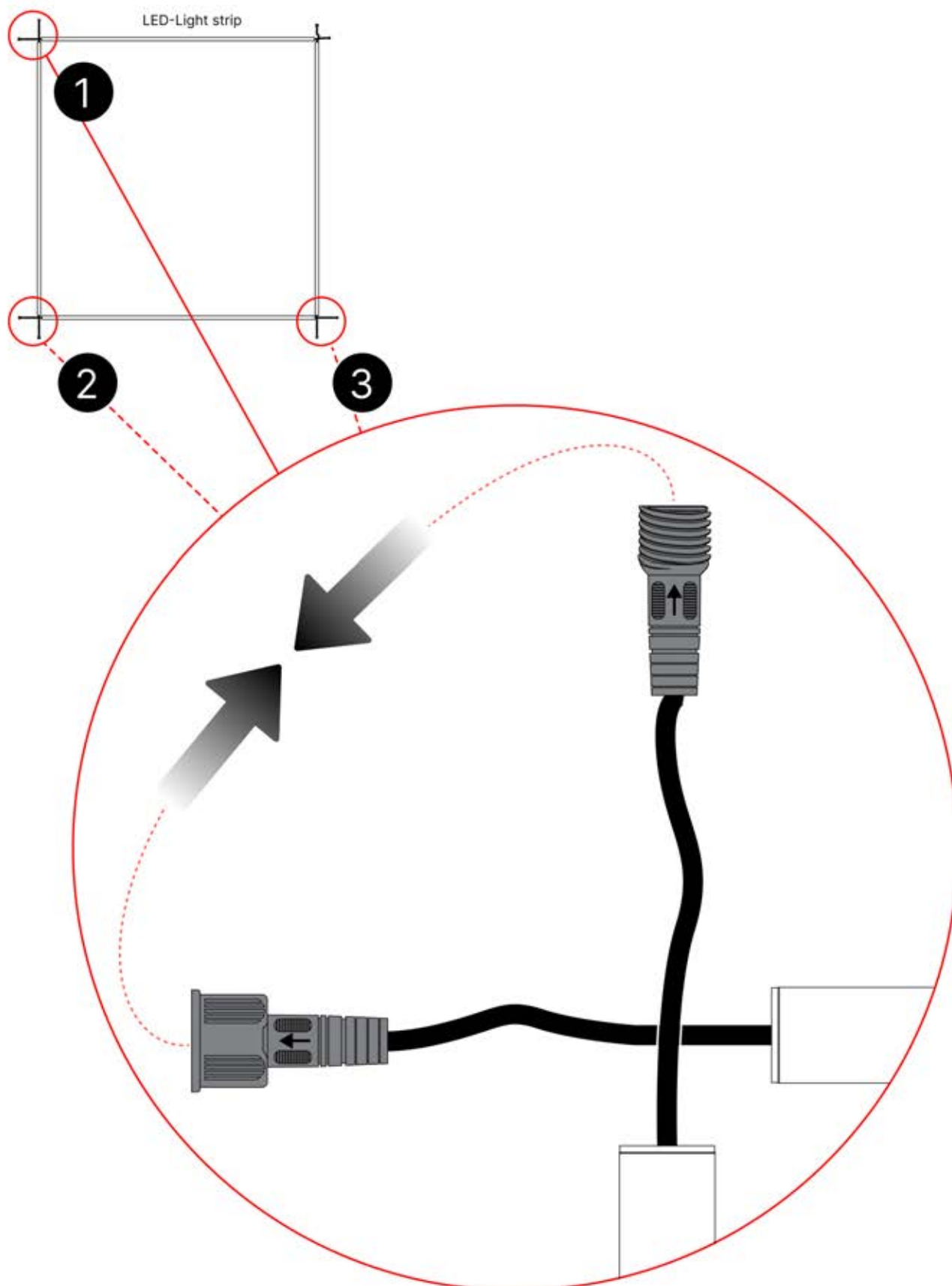


Important! Please watch all the videos before starting the assembly.

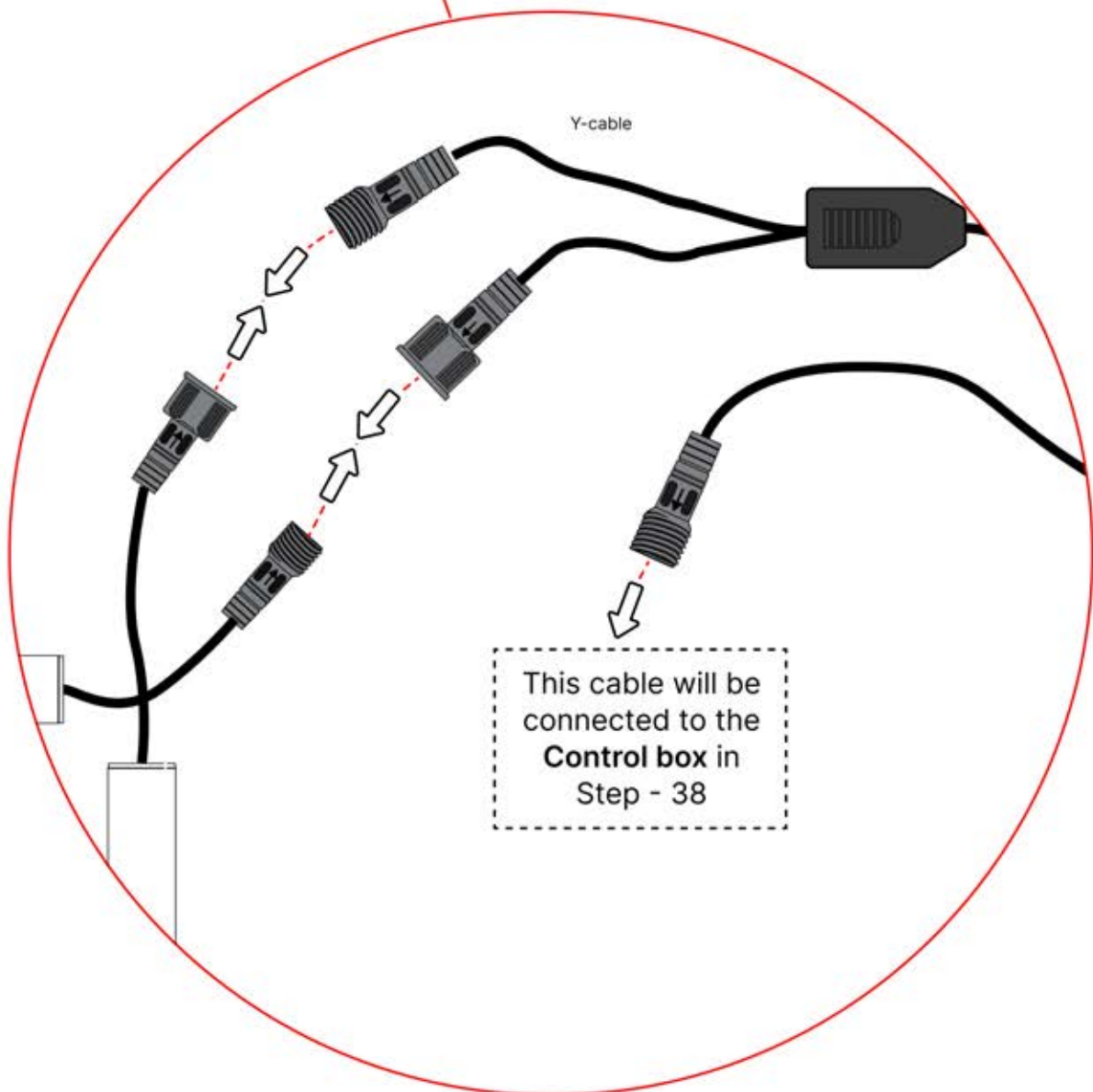
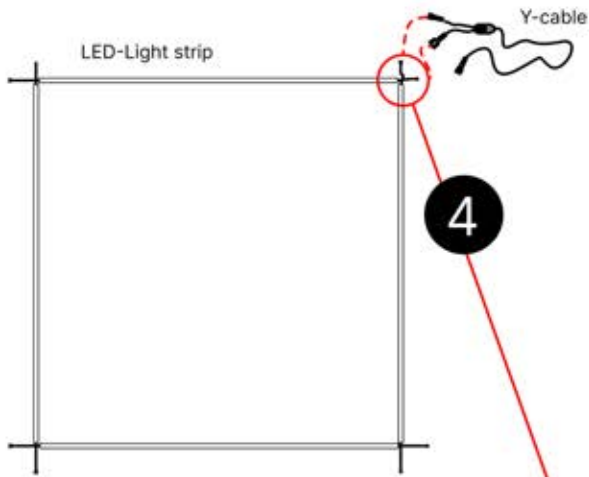
The videos contain important information relevant to the assembly process.



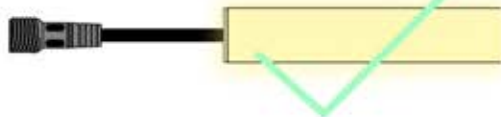
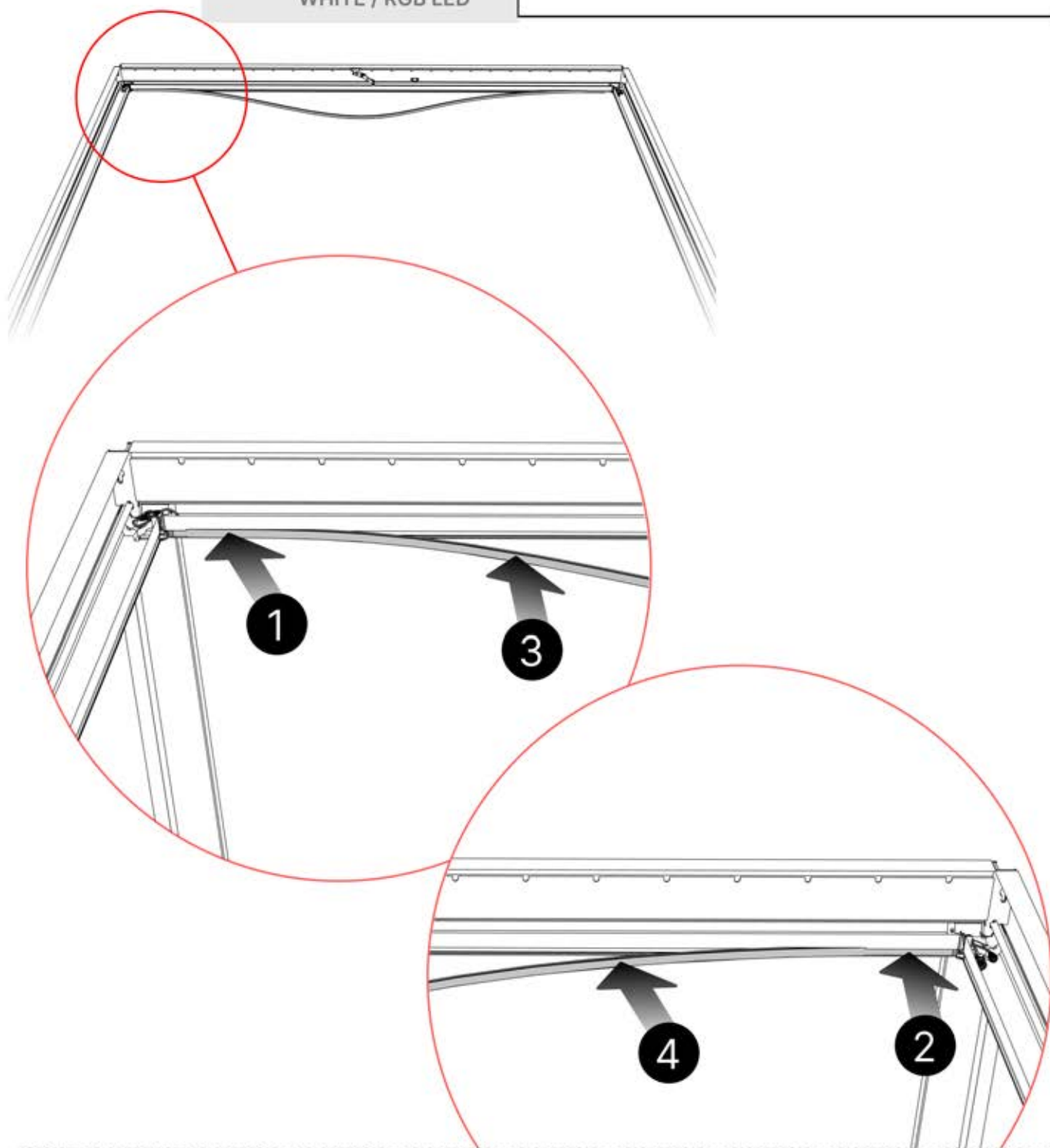
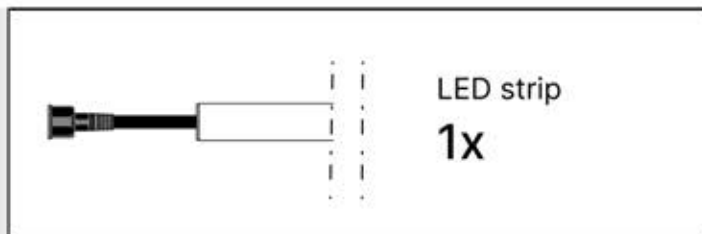
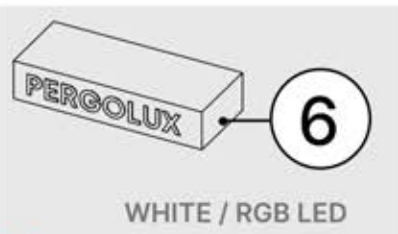
INFORMATION



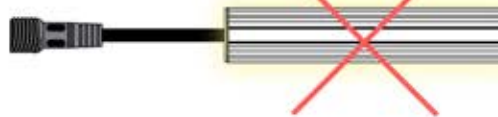
INFORMATION



22

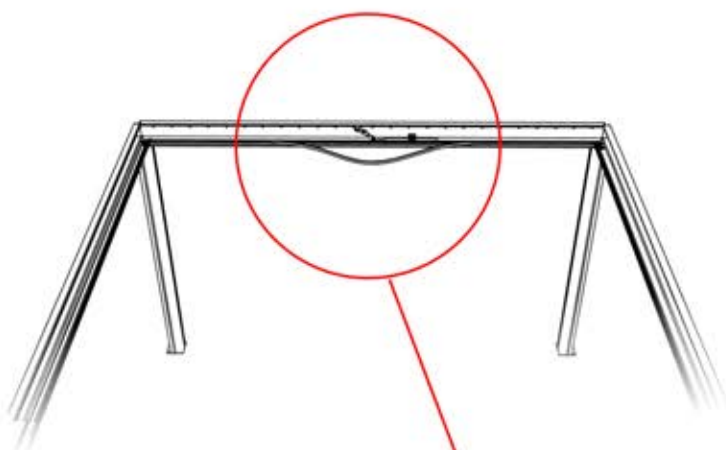


This side is the front and
should face outward

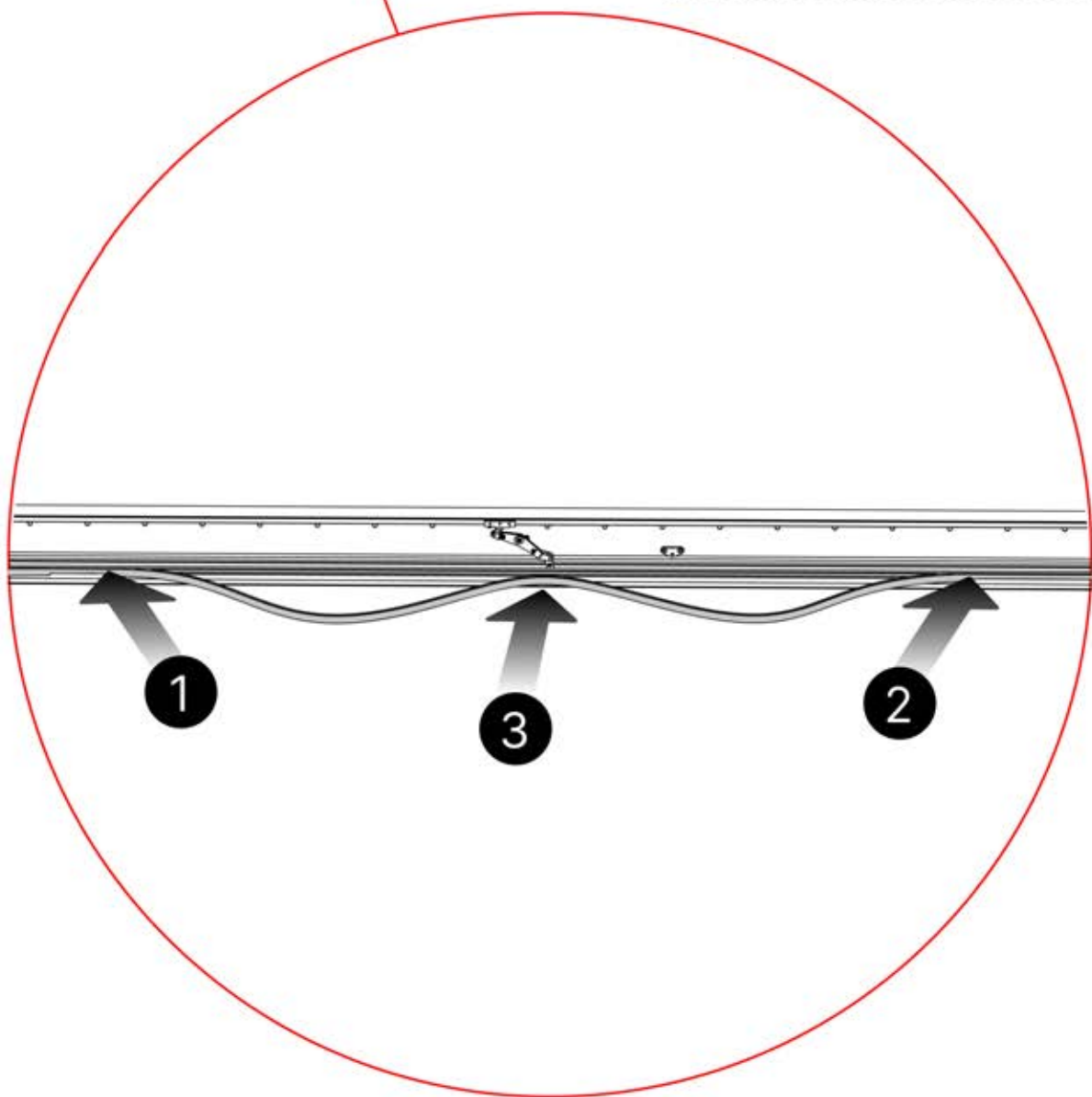


This side is the back and should
be positioned to face the beam

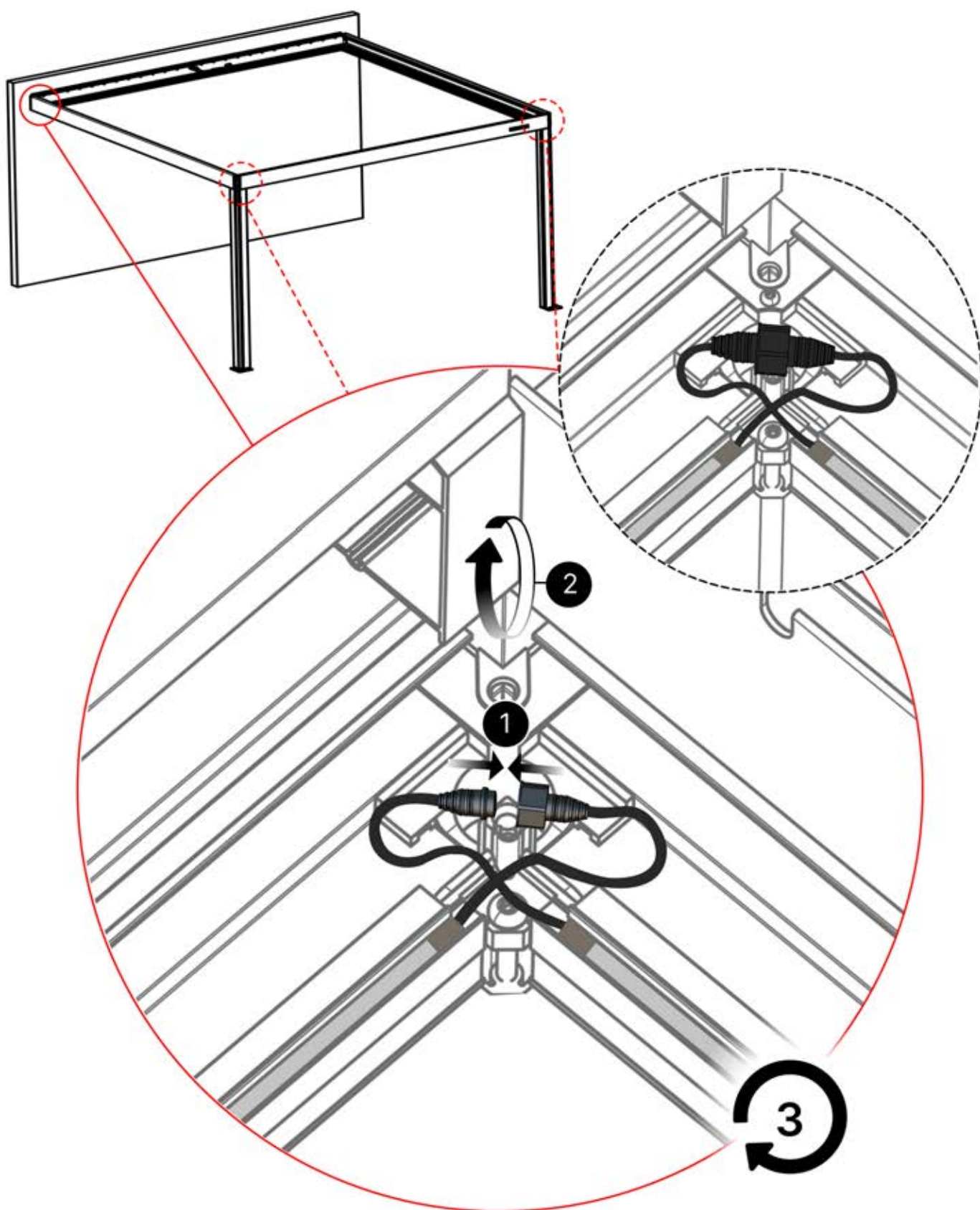
23



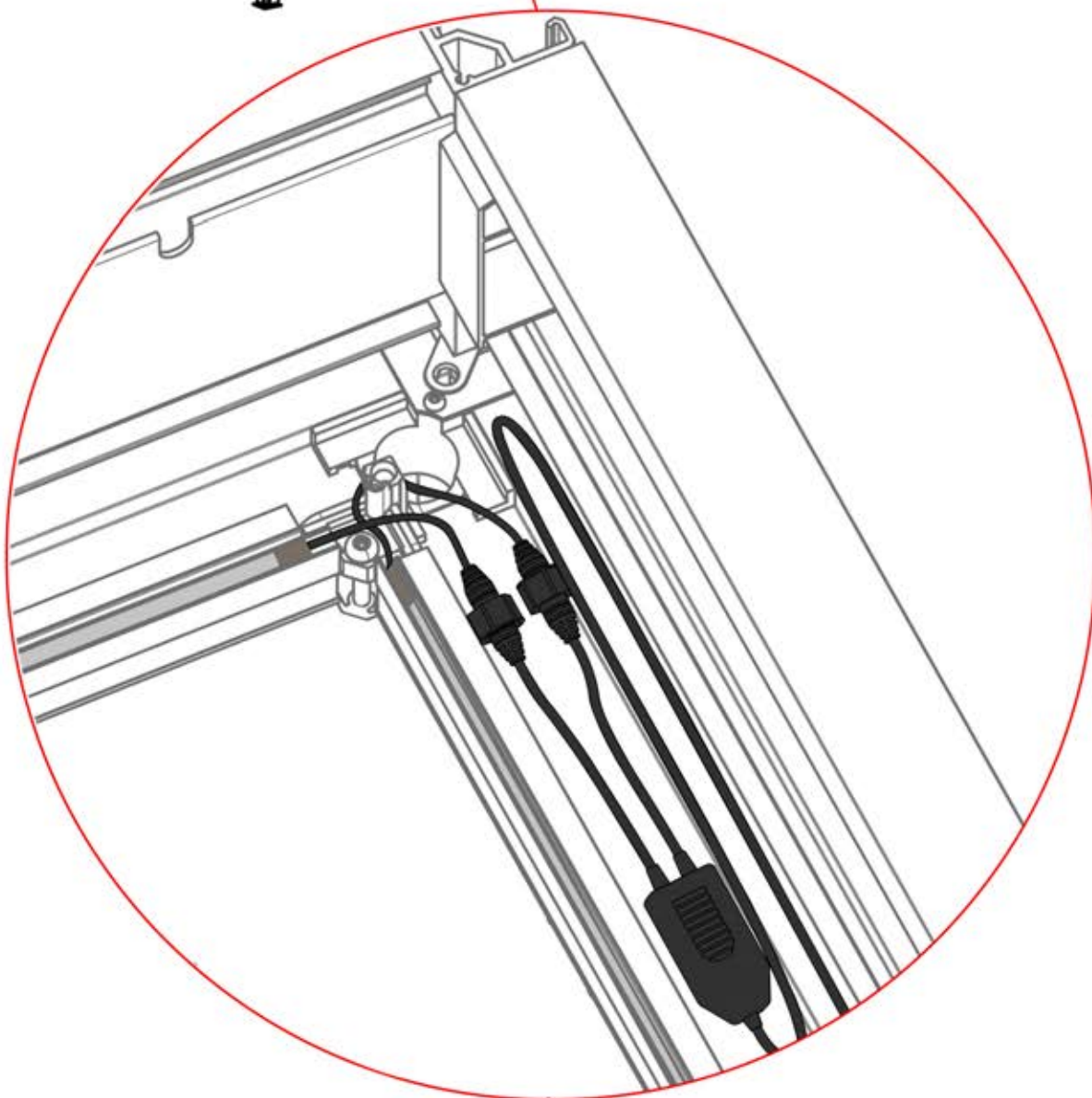
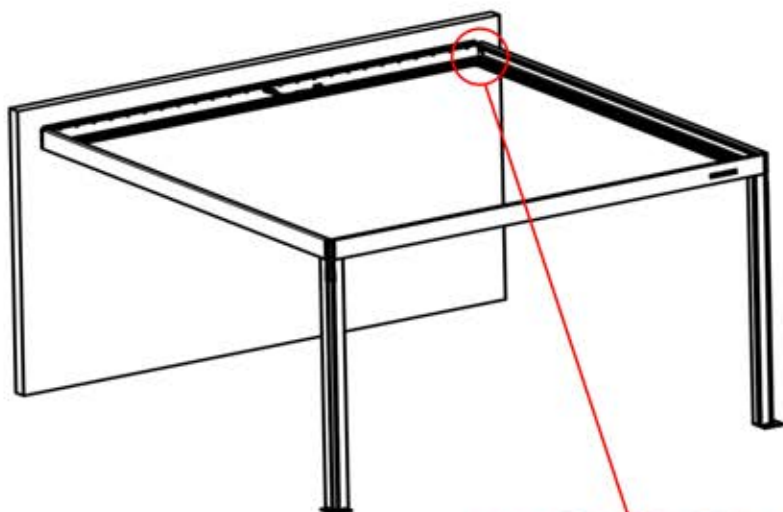
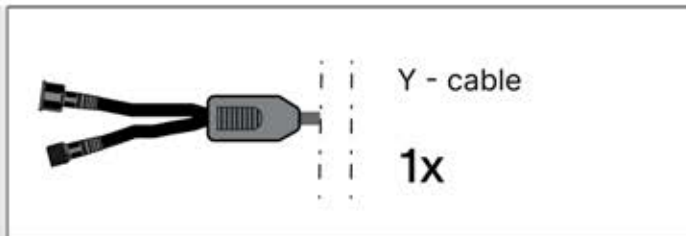
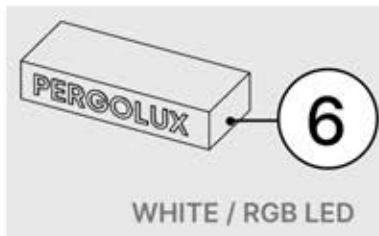
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



24



25



26



4

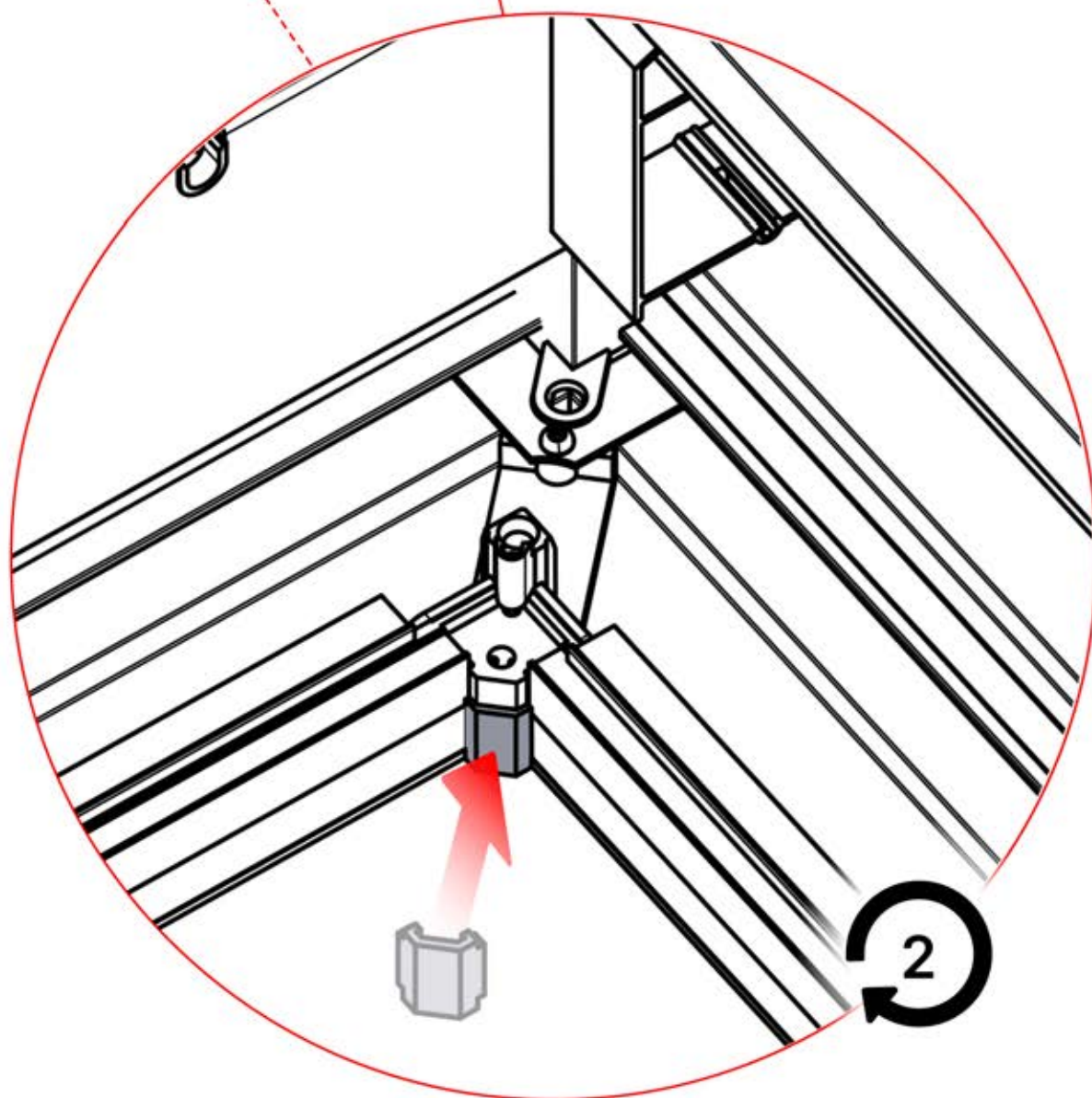
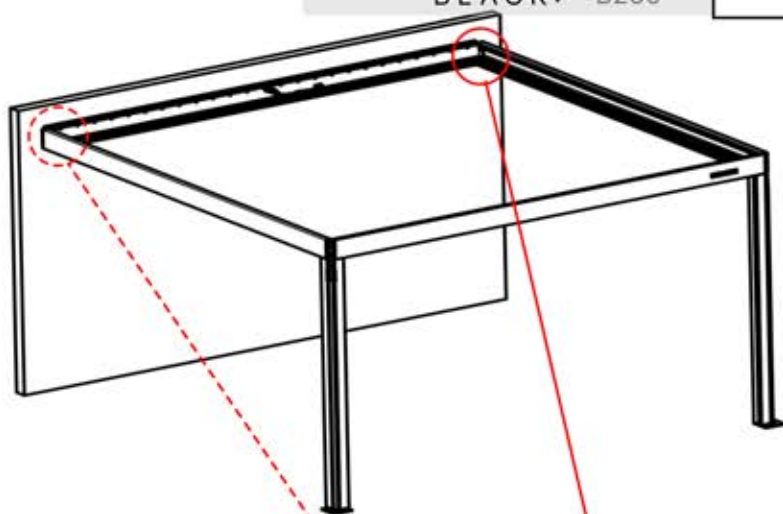
ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200000516

2x

PN-20000
3365



27



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200002625

4x

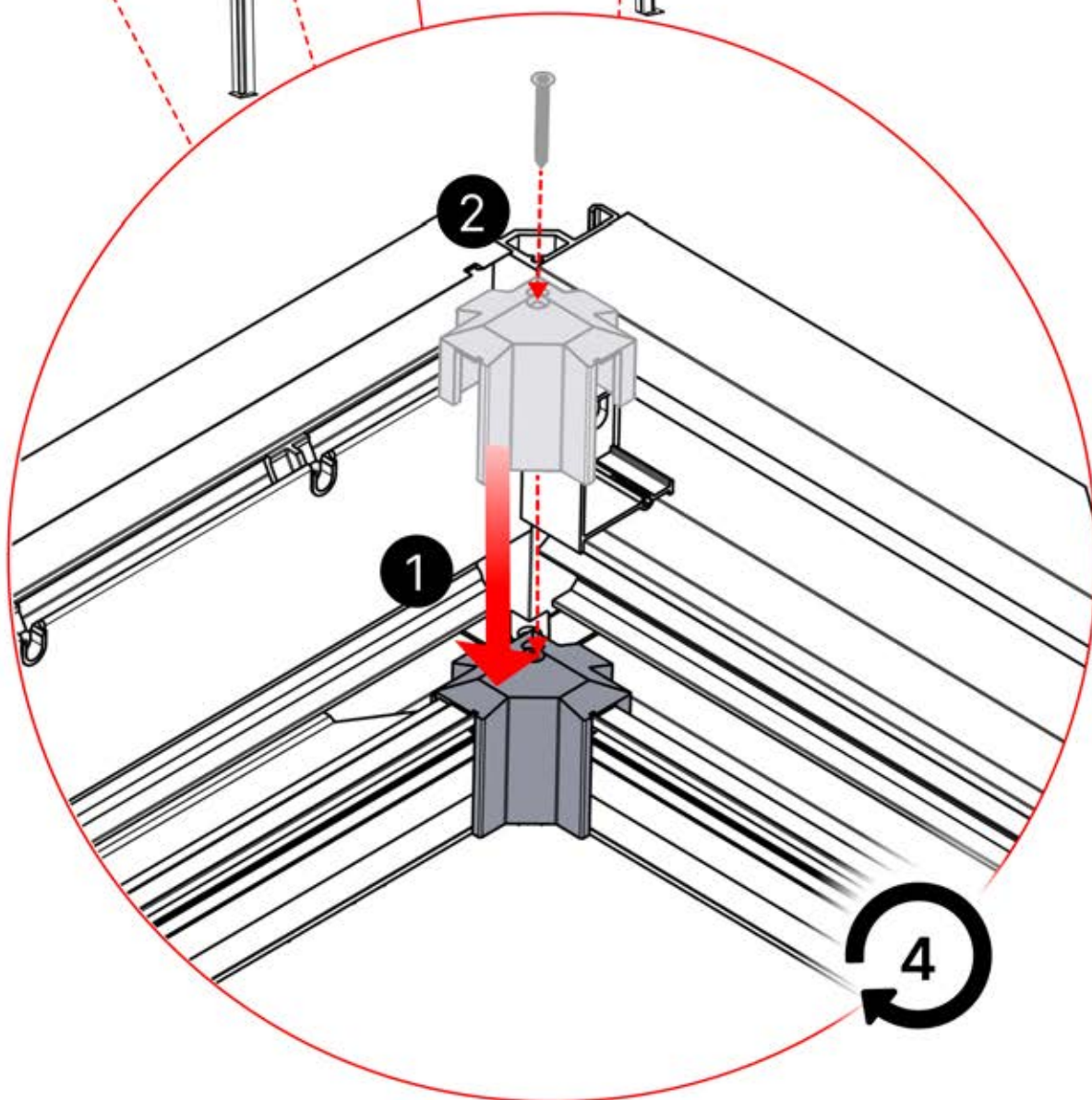
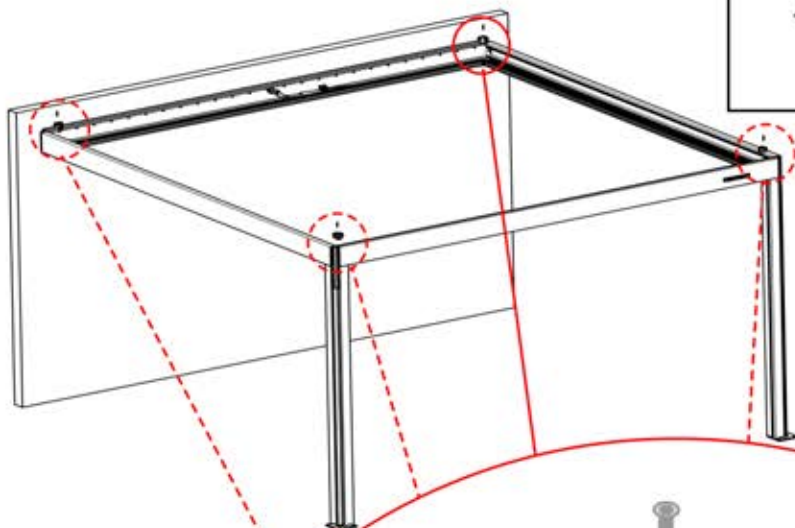
PN-20000
3284

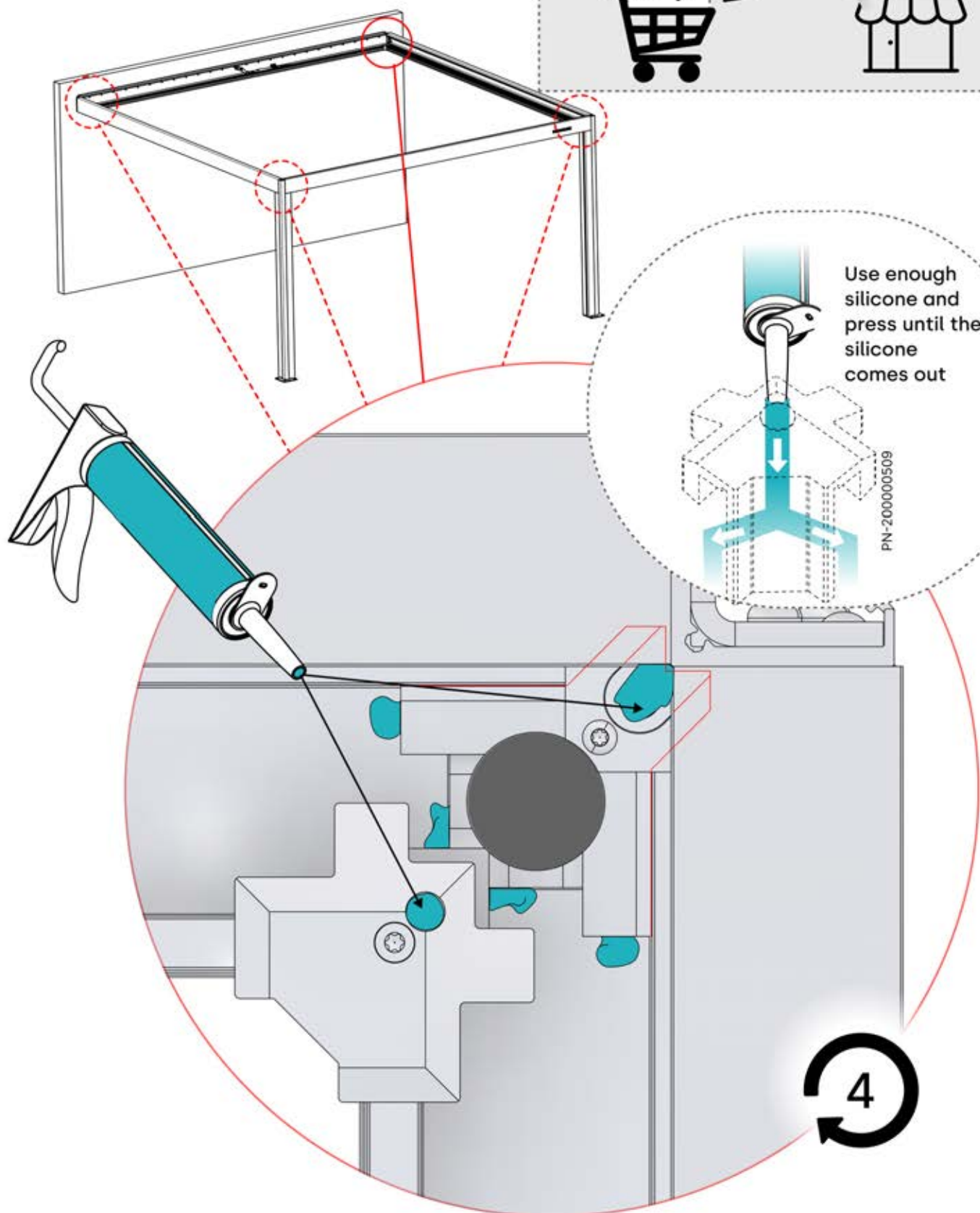


PN-200000960

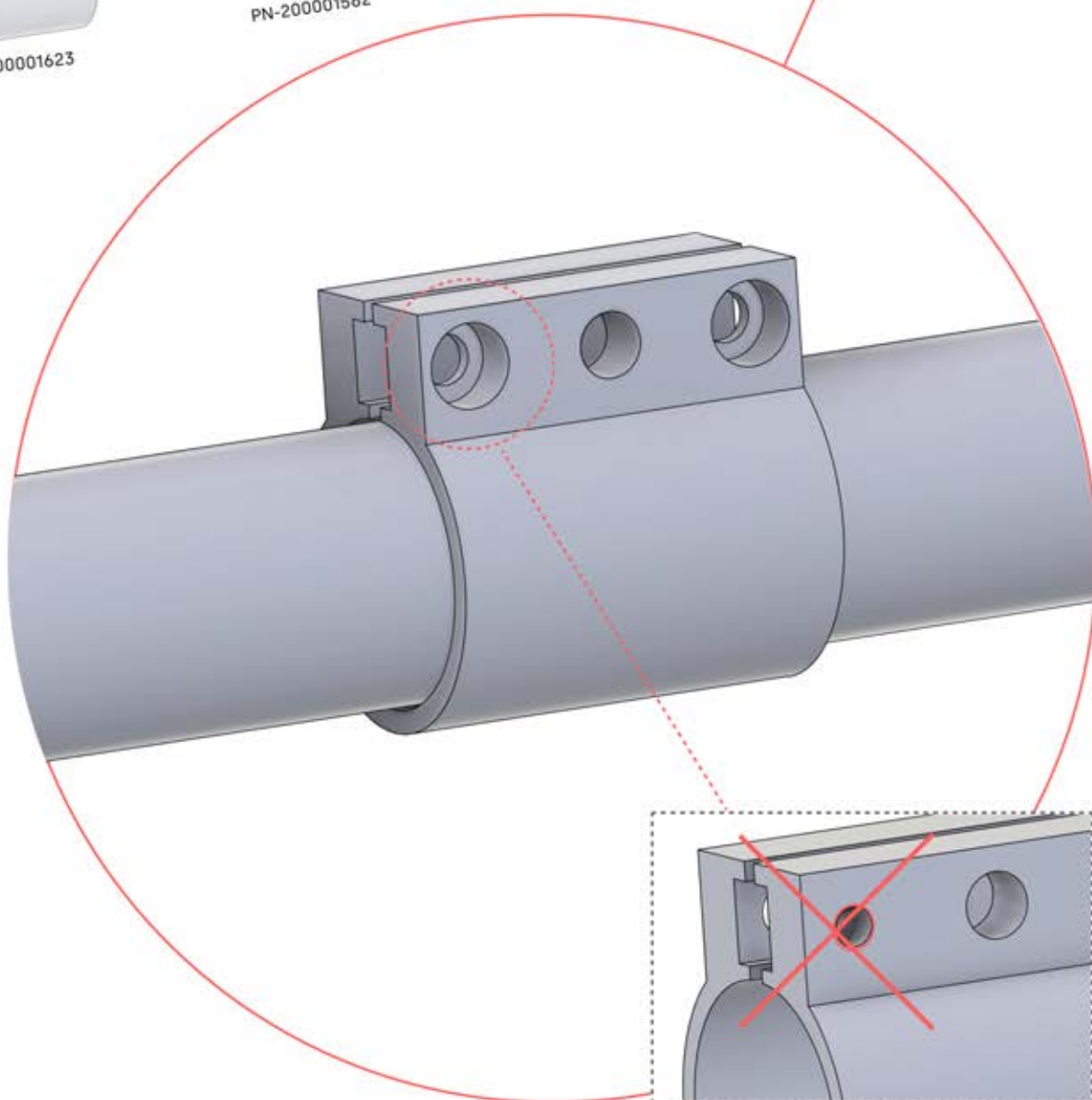
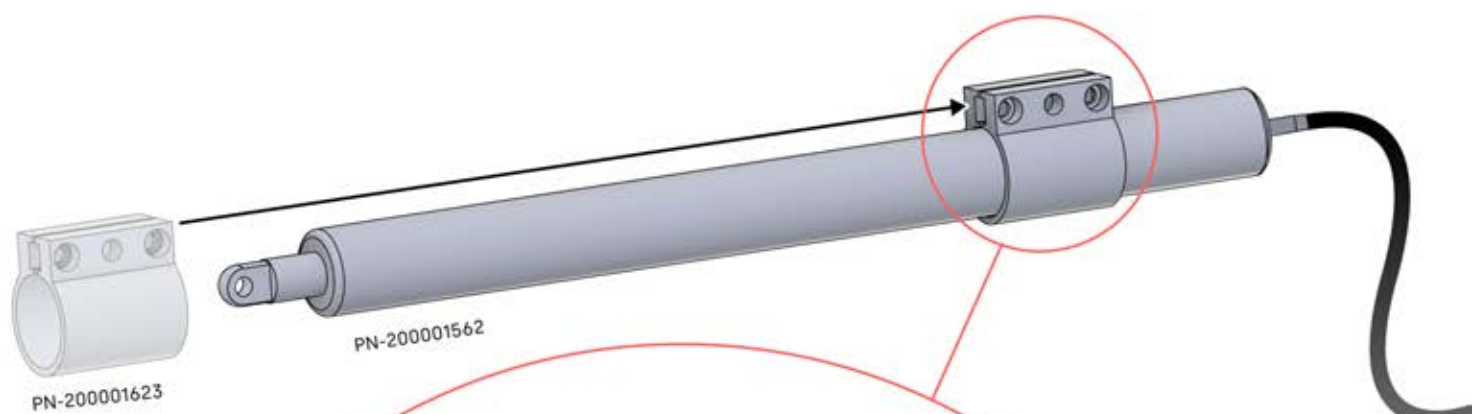
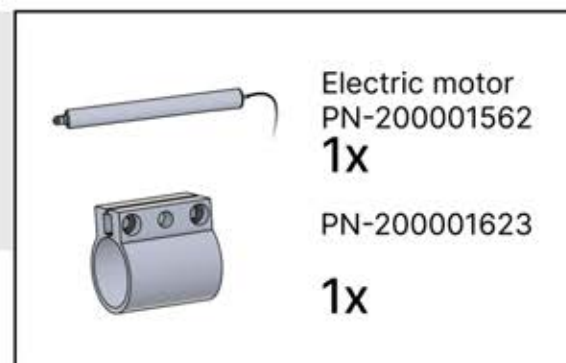
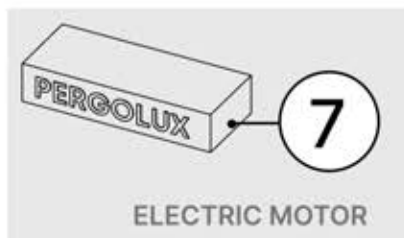
4x

PN-20000
3379

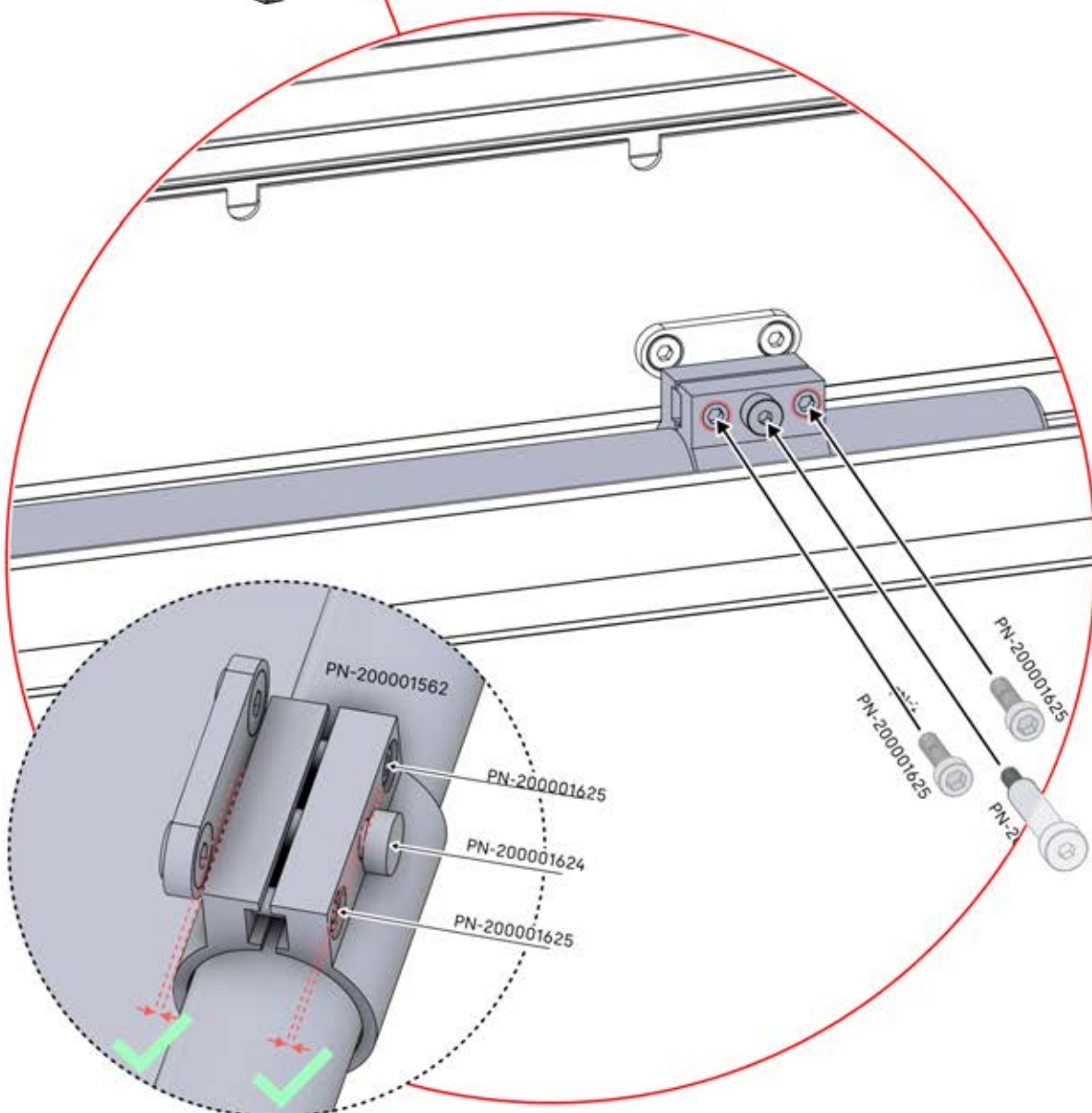
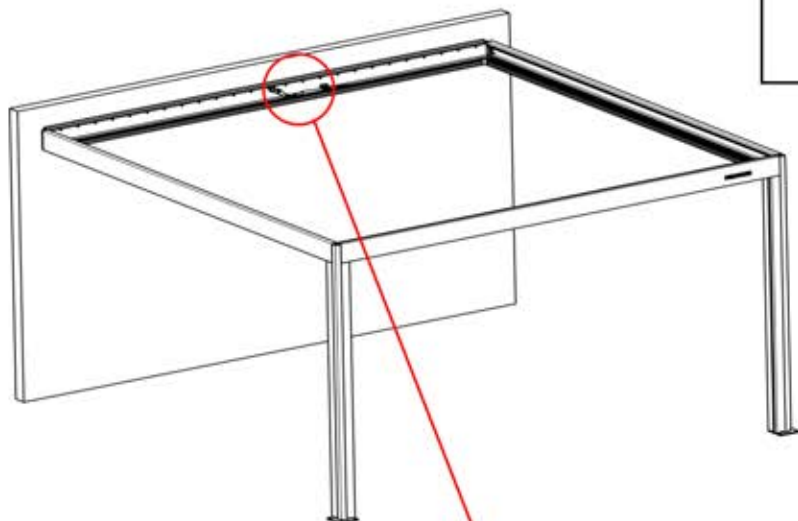
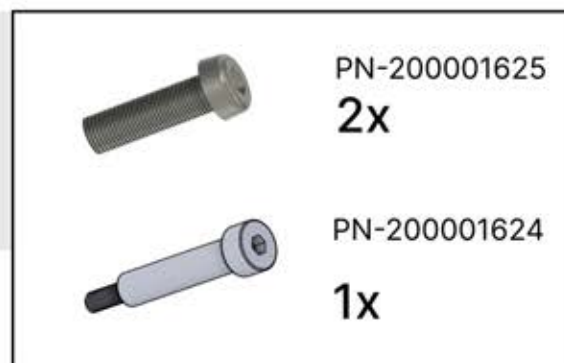
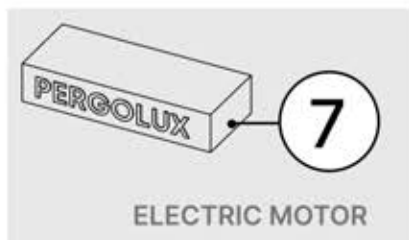




29



30



31



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200003372

1x



PN-200000502

1x



PN-200003373

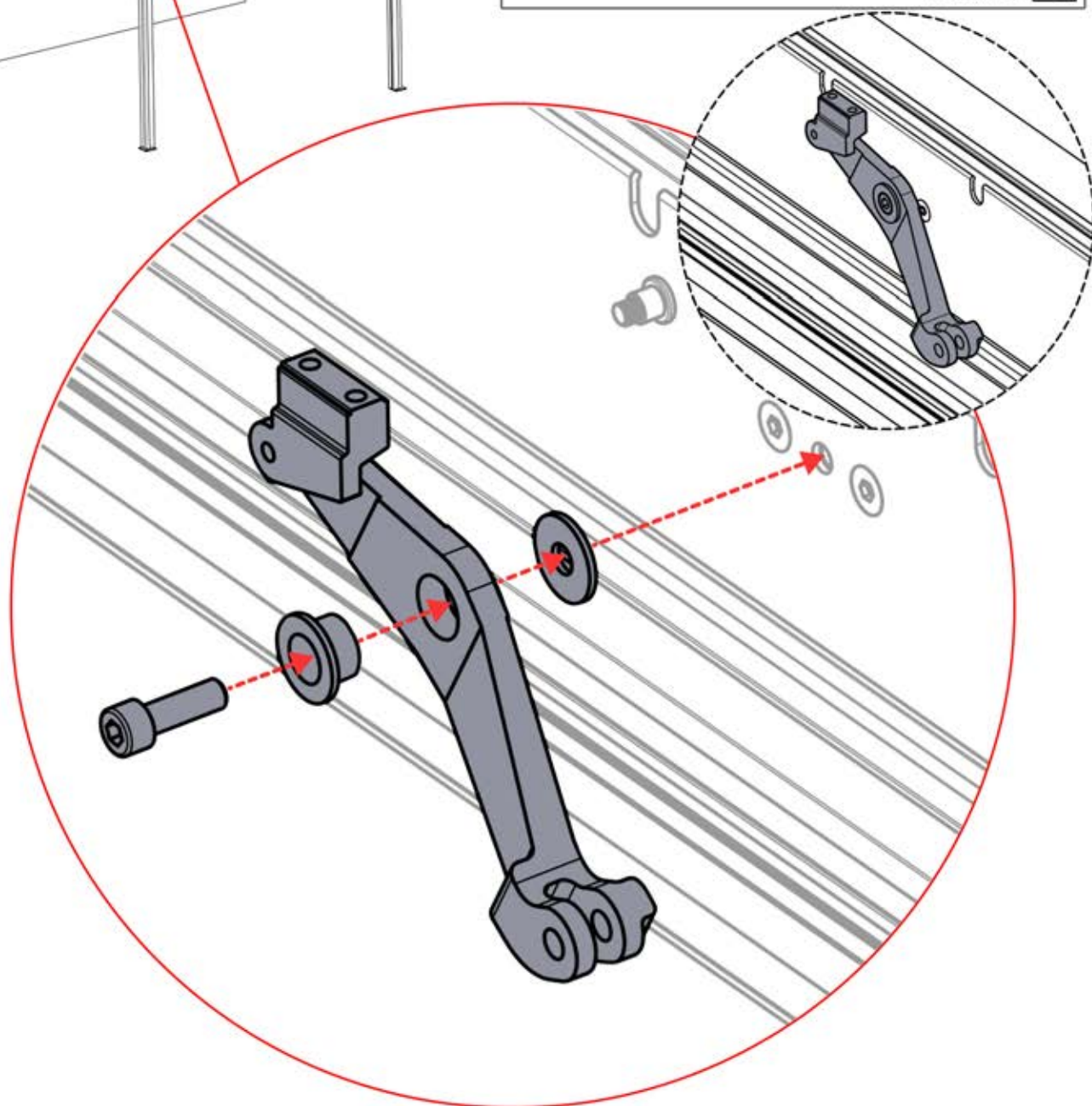
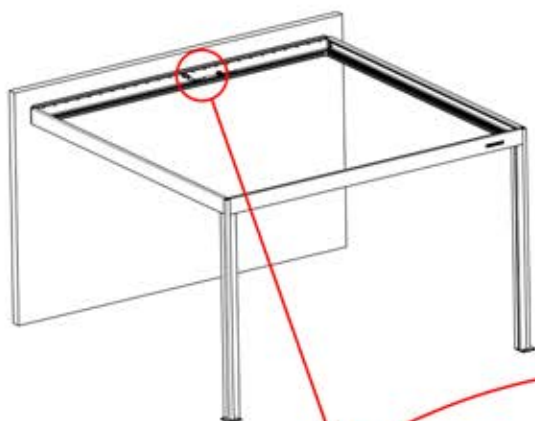
1x



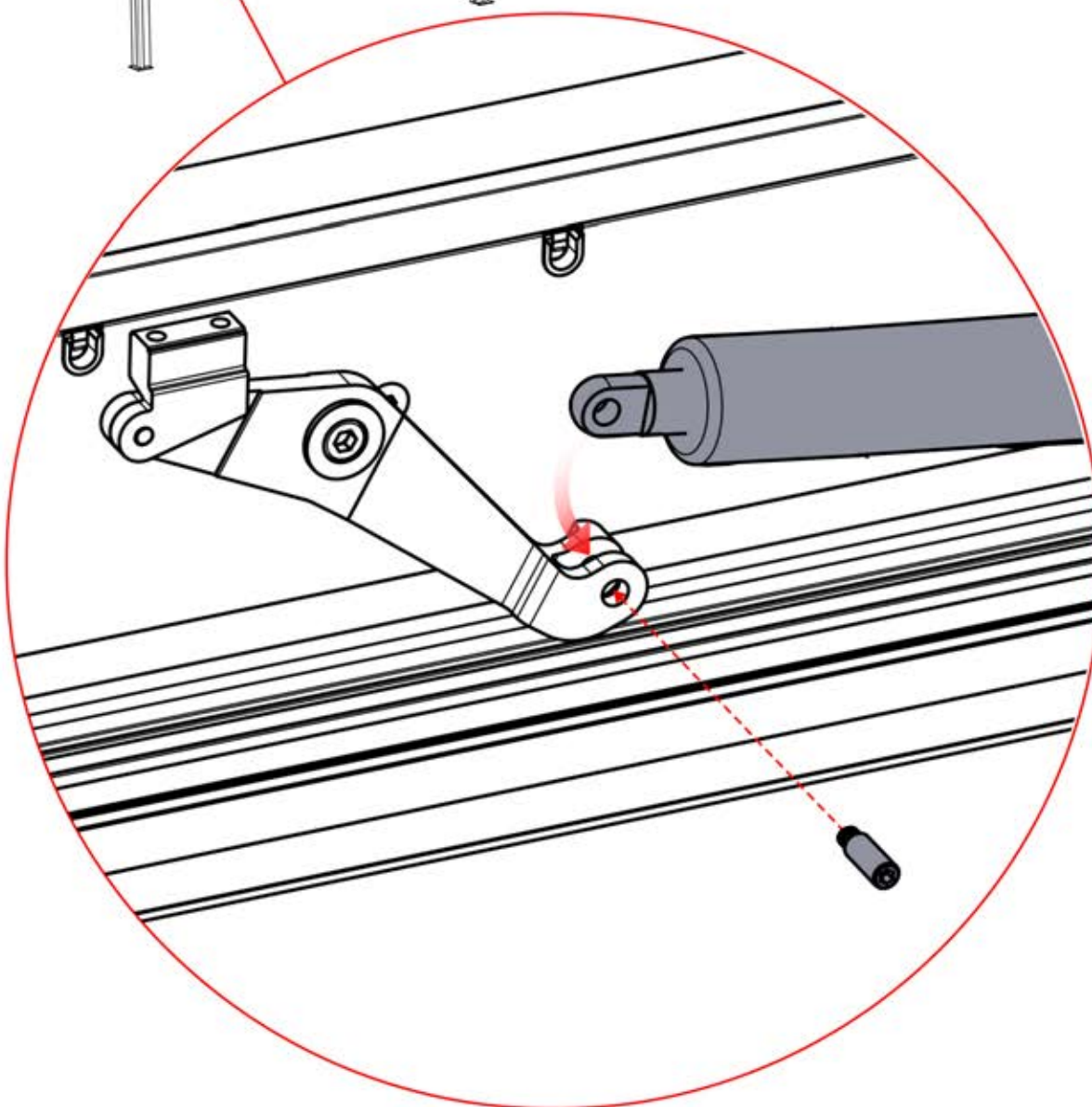
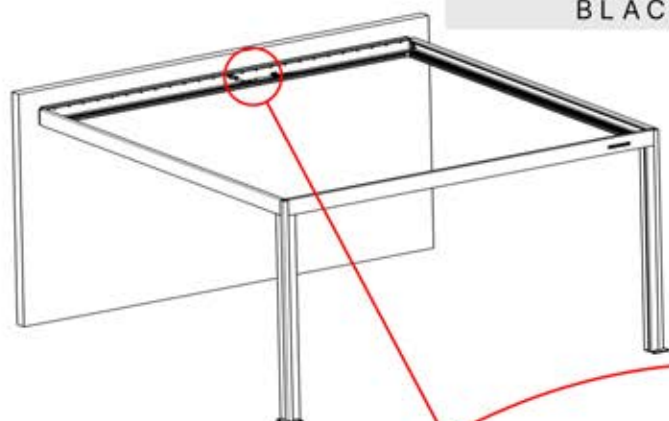
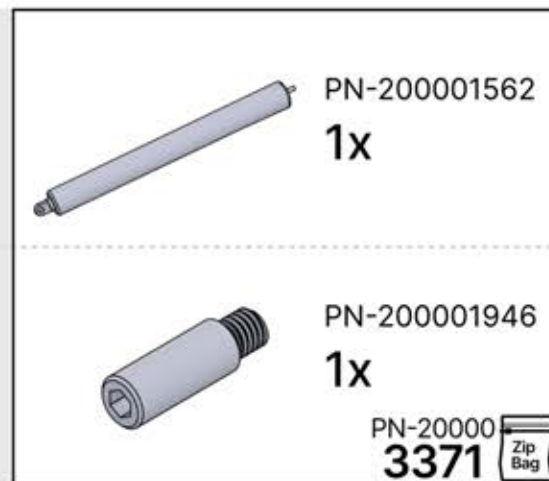
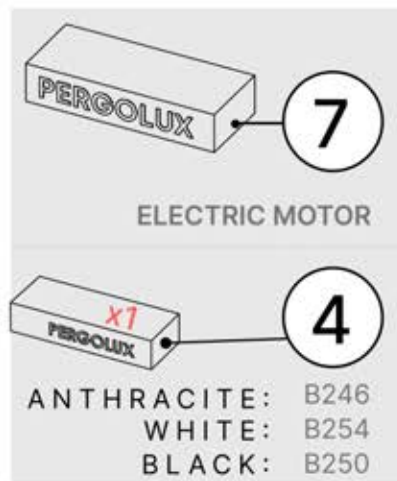
PN-200000561

1x

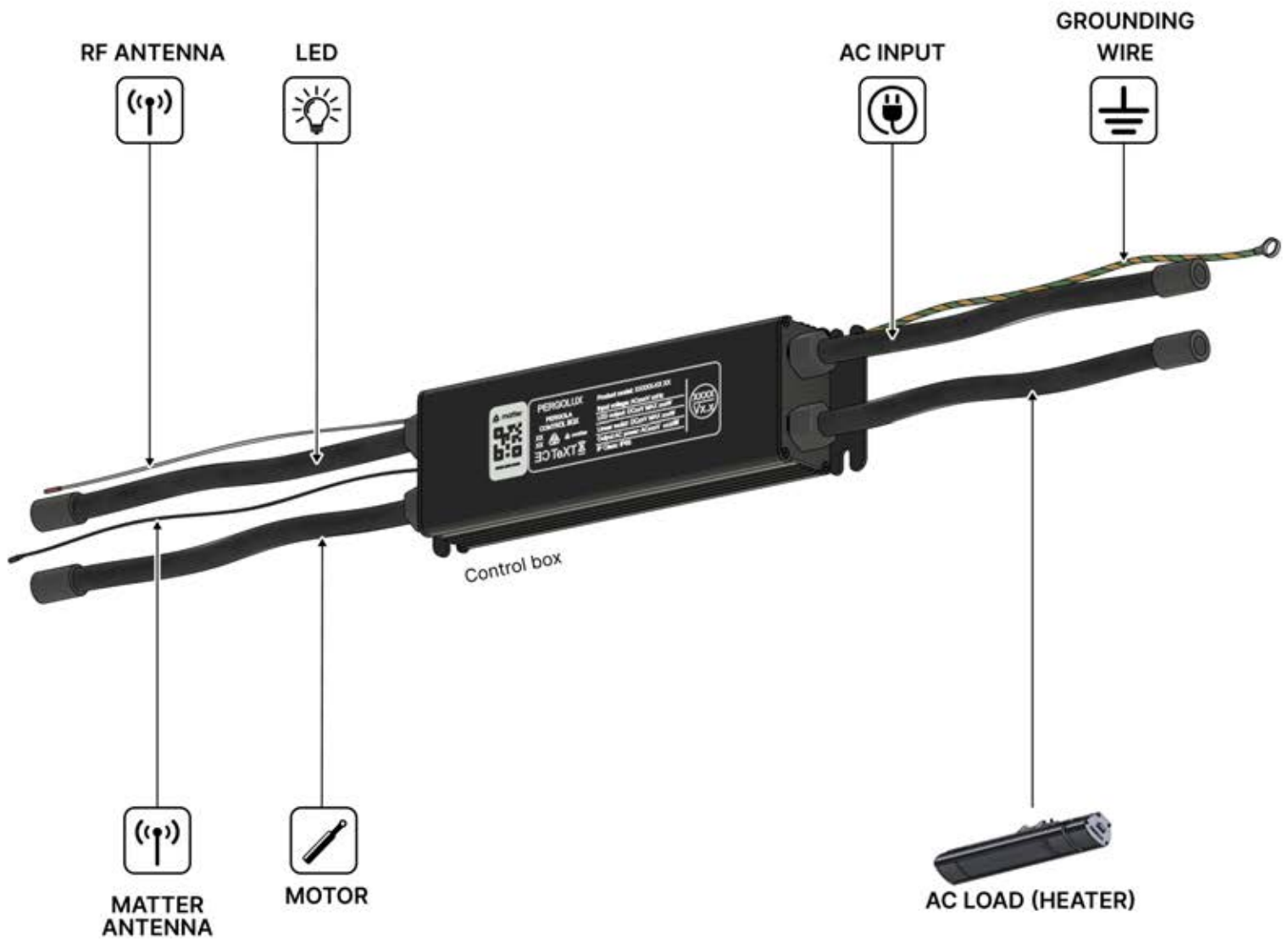
PN-20000
3371 Zip Bag



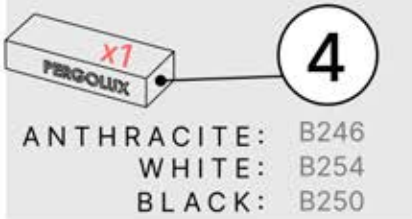
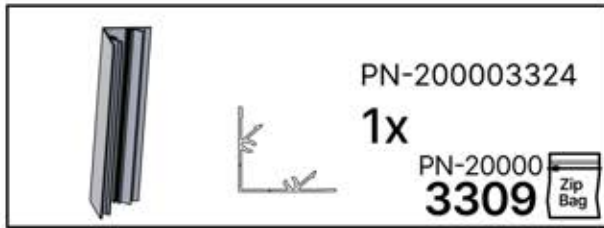
32



INPUTS AND OUTPUTS

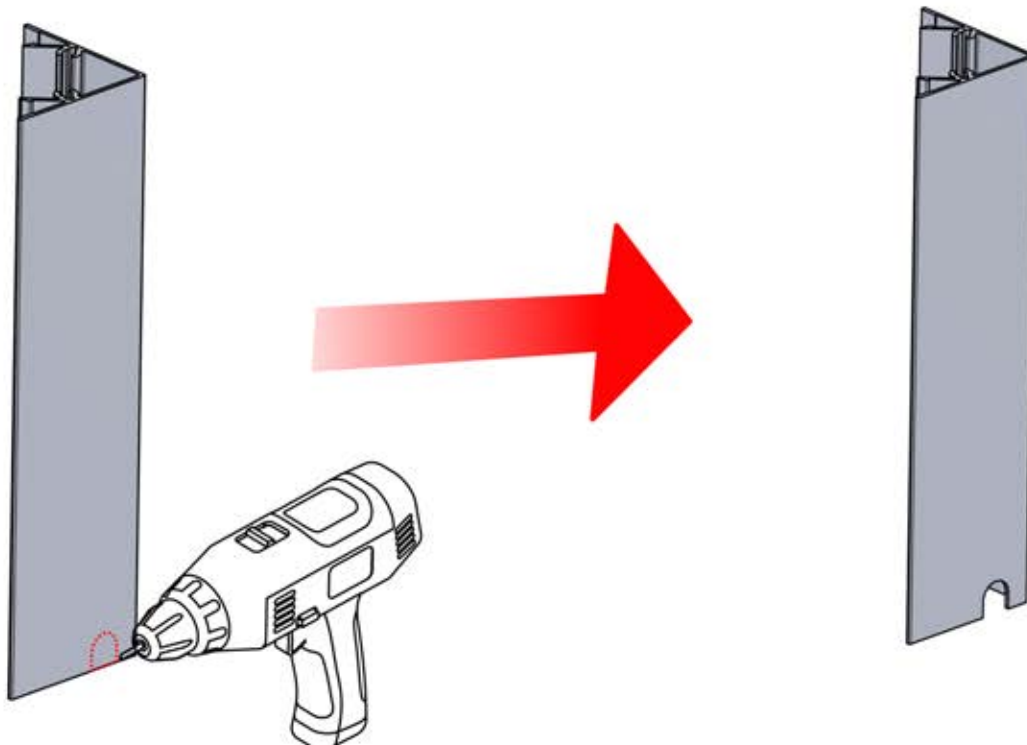


INFORMATION

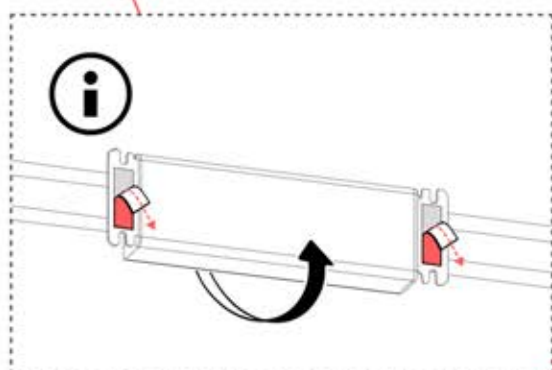
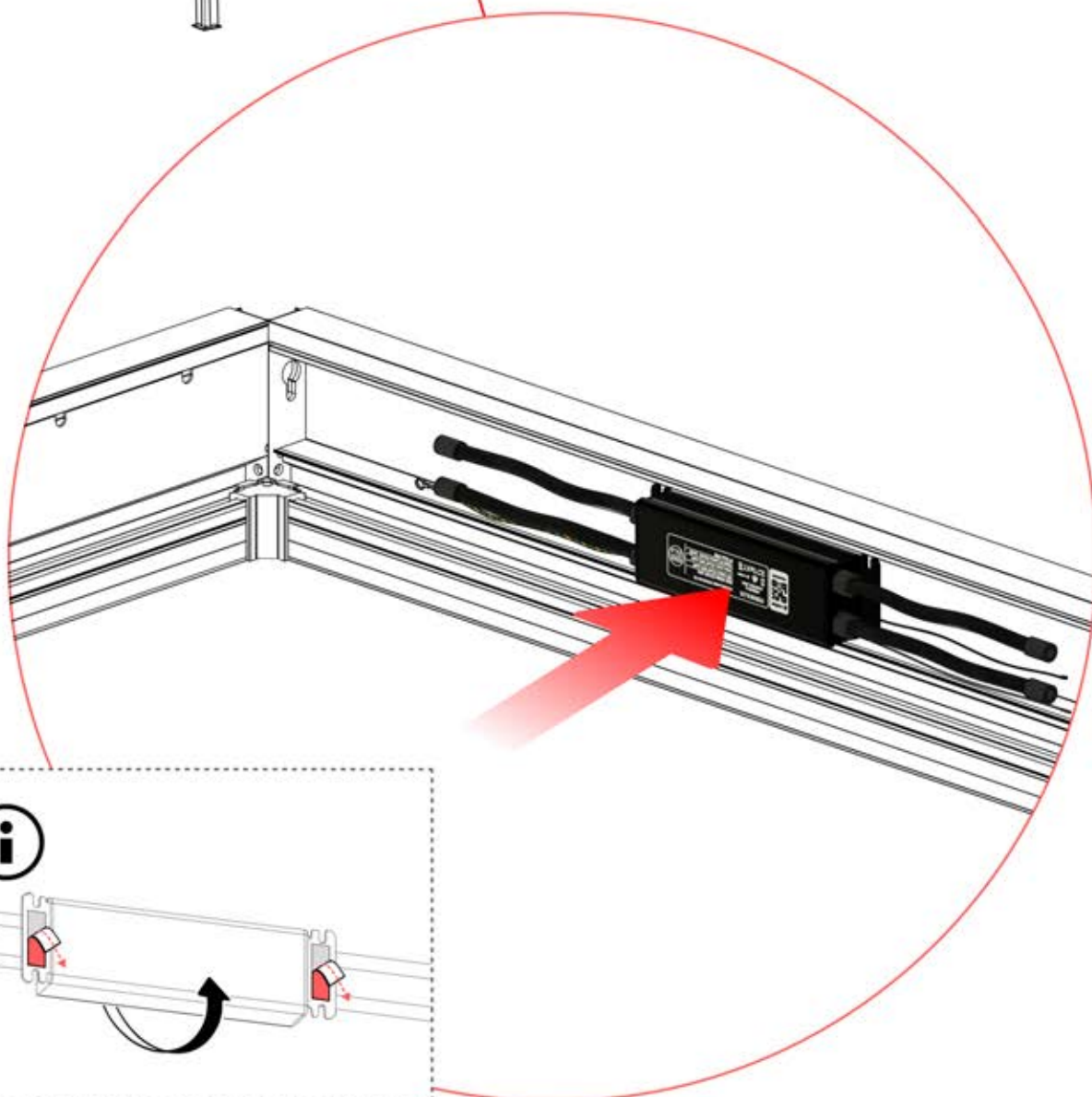
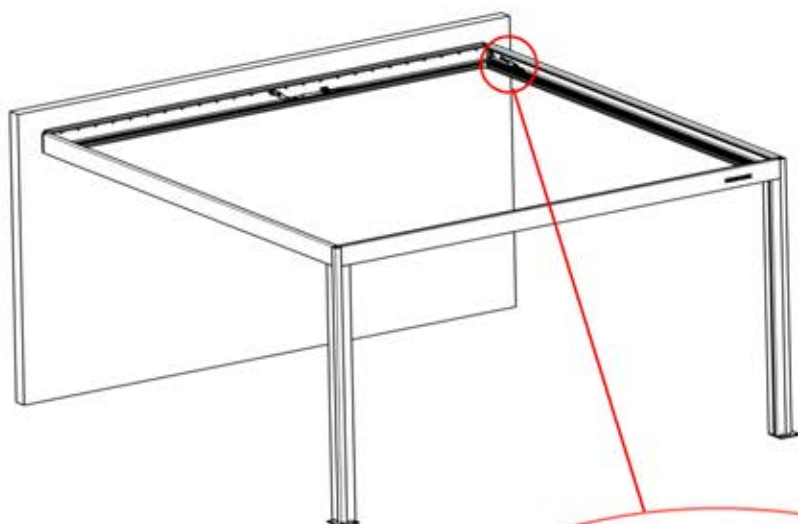
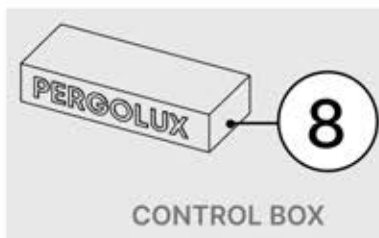


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200003324**) as illustrated. This allows the cable to pass through during installation in step 58.

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.



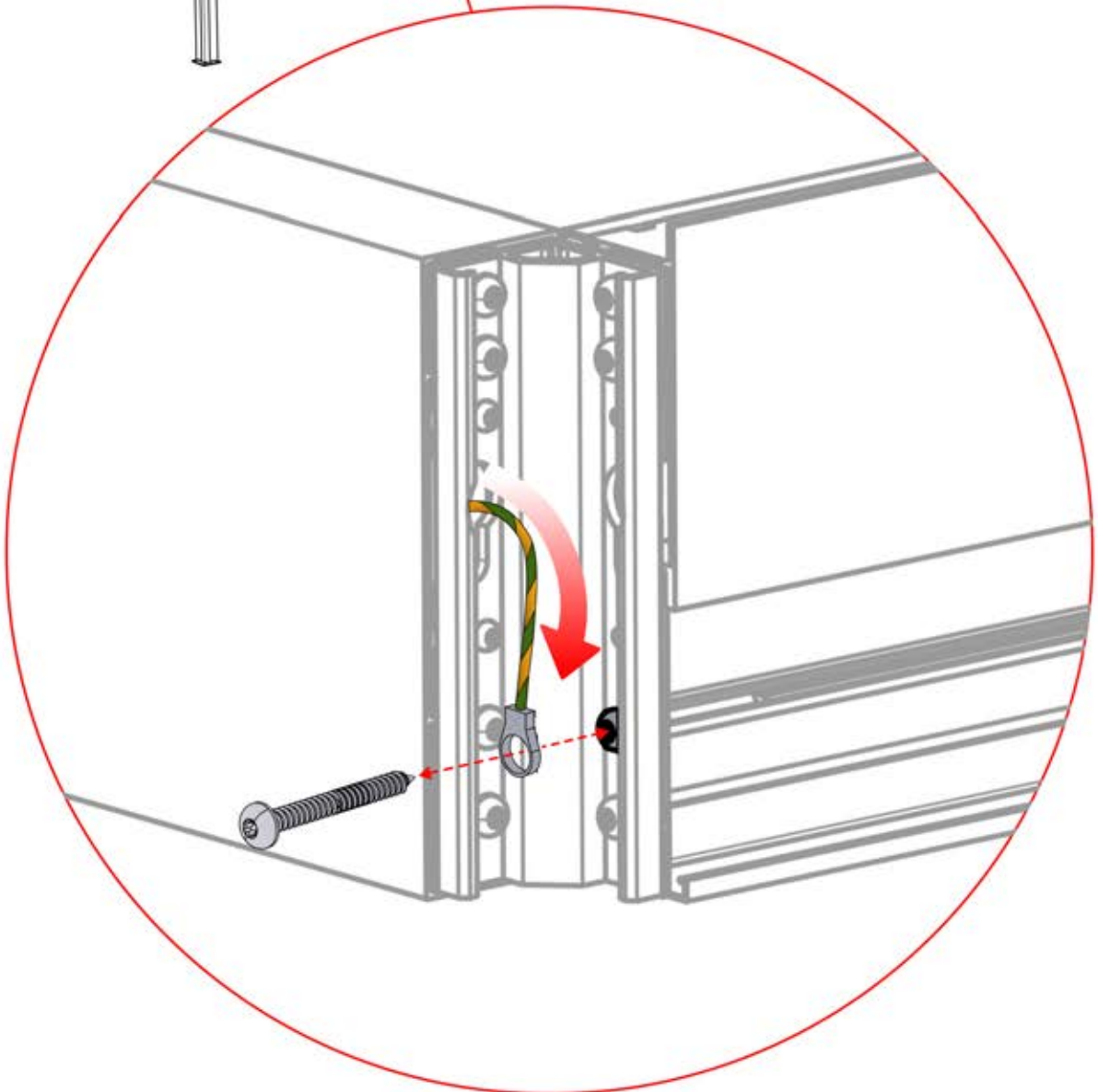
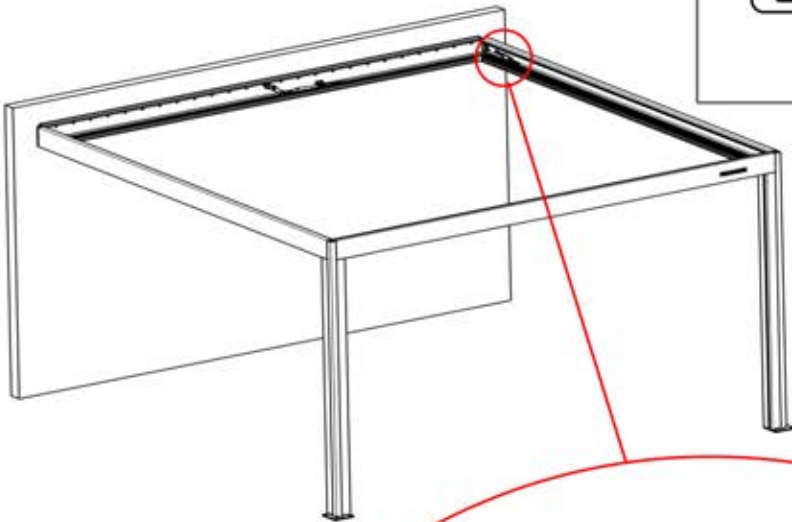
33



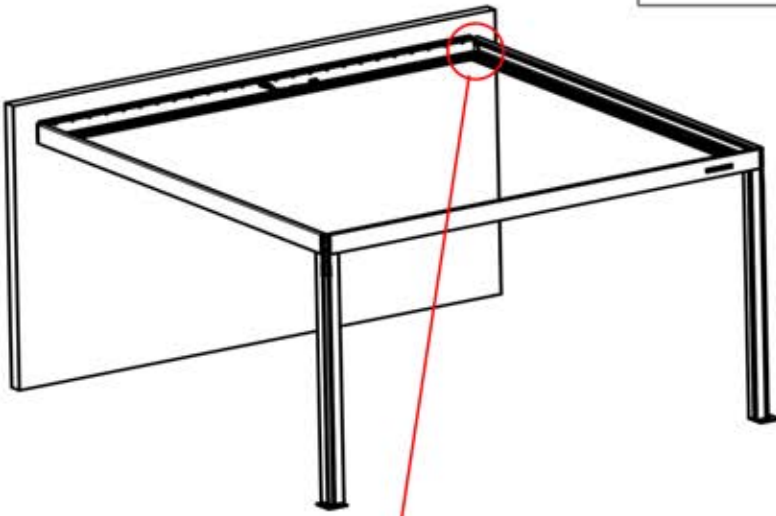
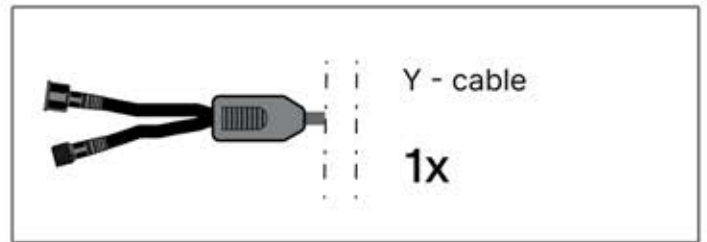
34



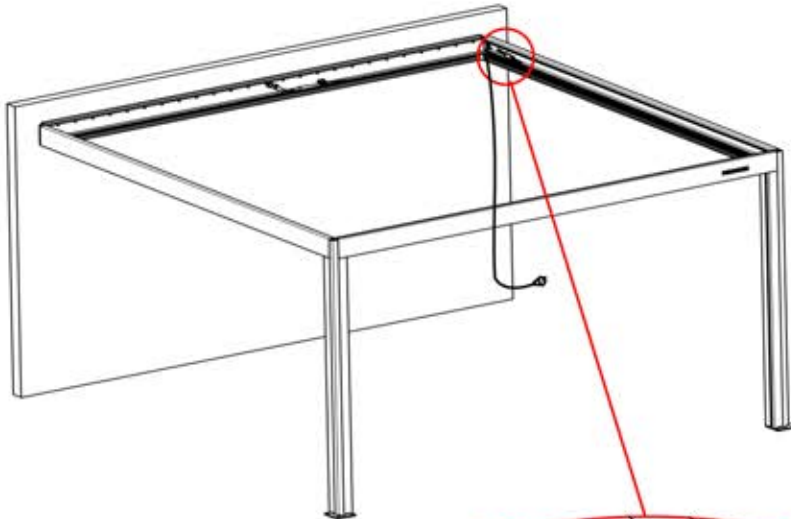
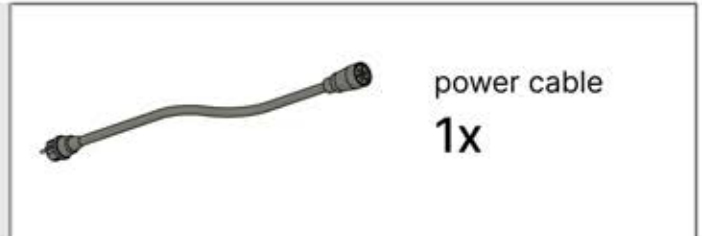
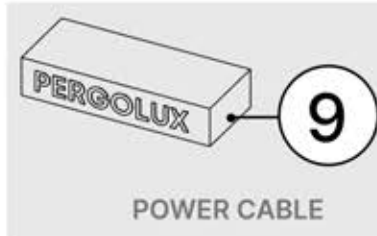
Connect grounding
wire before connecting to
power!



35

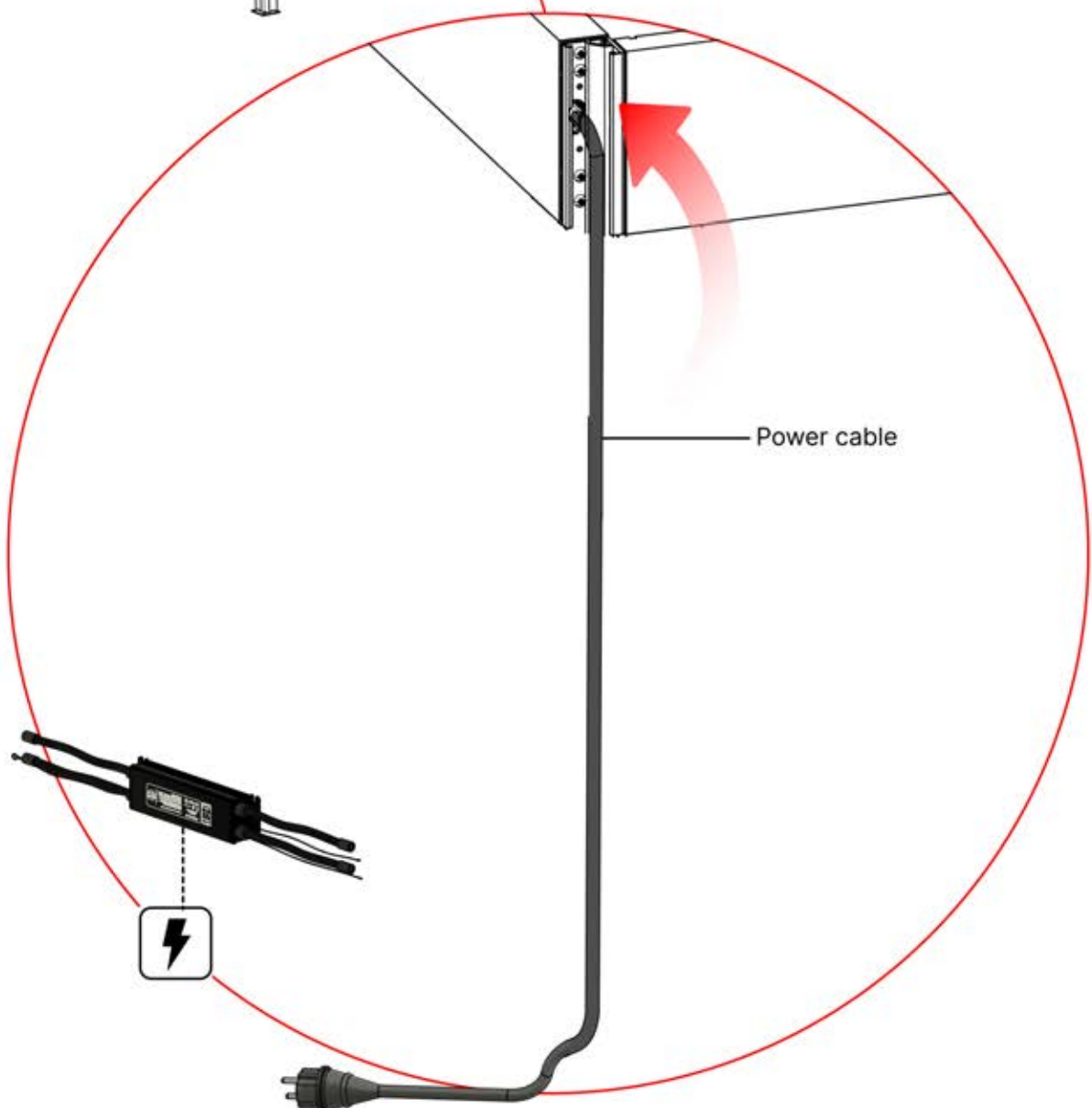


36

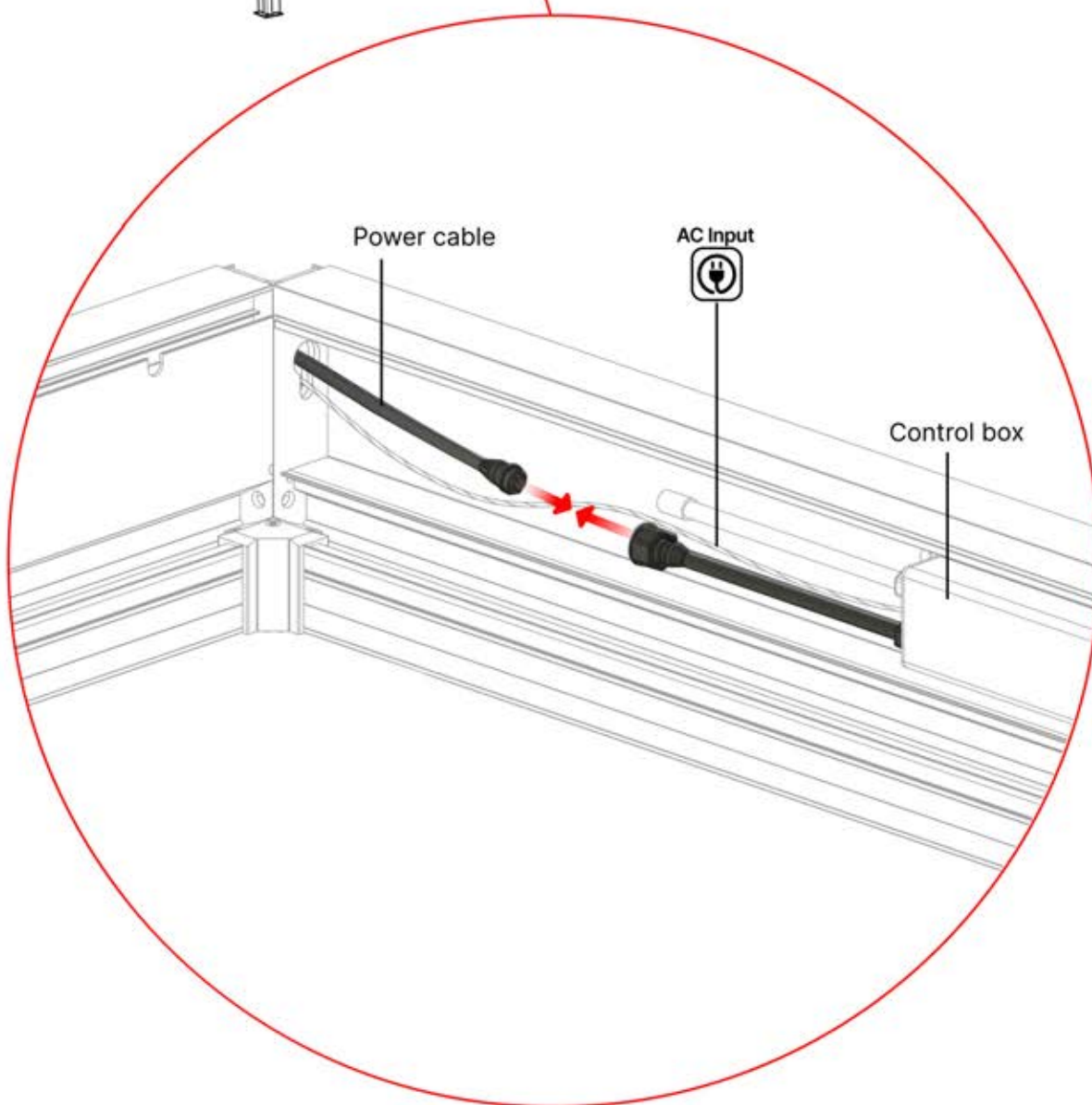
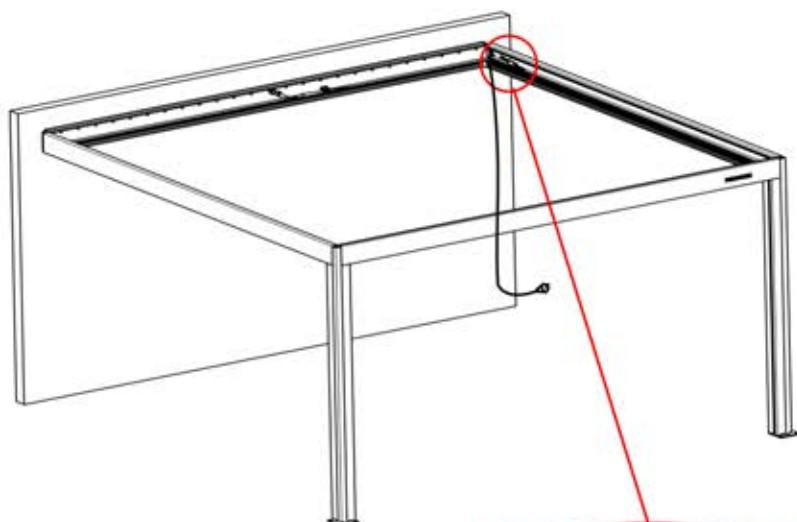
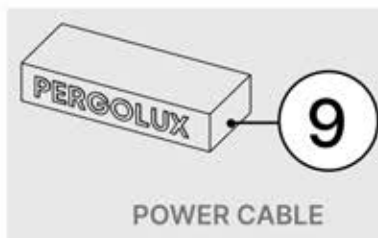


!

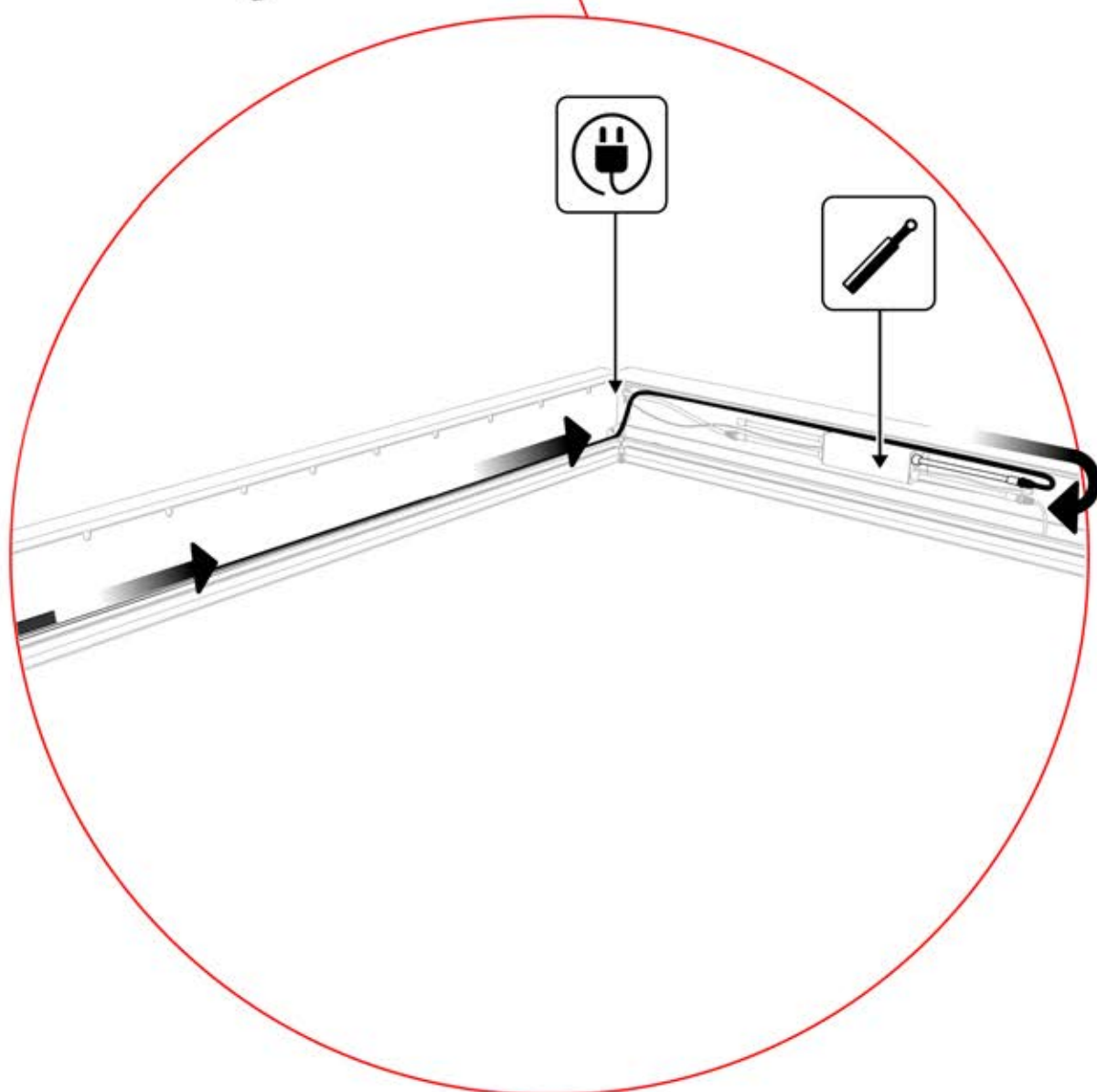
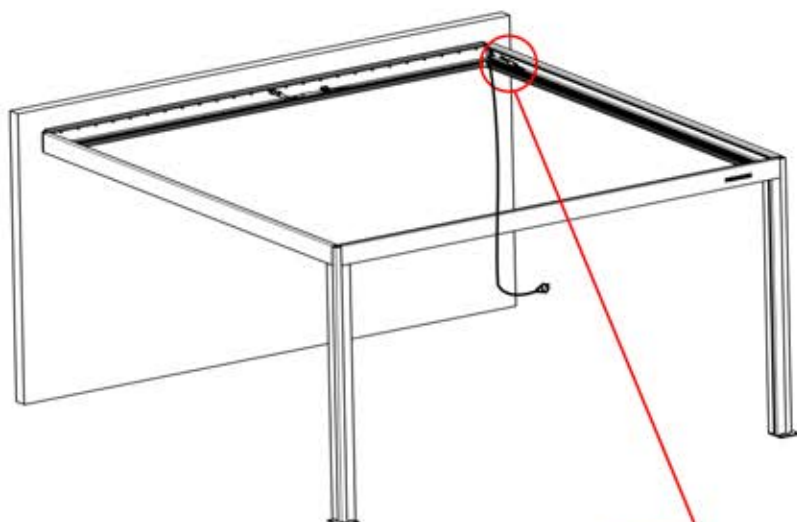
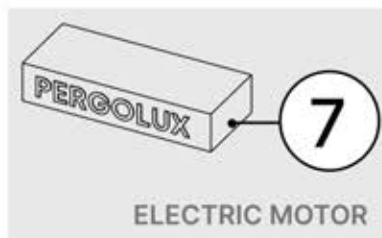
Power Cable can be
routed through all
the Poles.



37



38

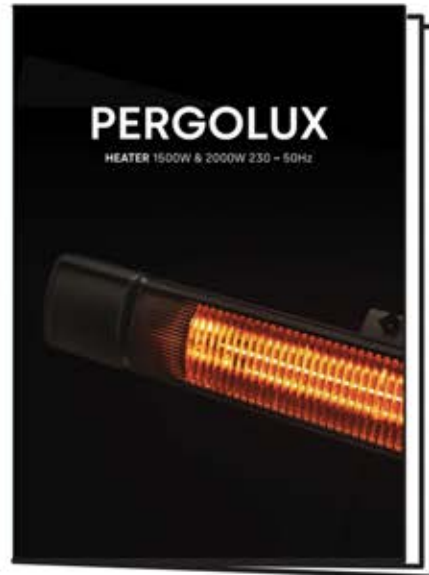


39

1

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

Follow the instructions in the heater assembly manual.



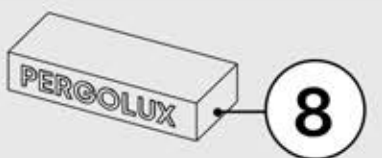
2

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

Follow the instruction in the assembly manual.



40



8

CONTROL BOX

!

Keep the Matter Antenna wire free and do not tie them with LED and Motor wire

S4

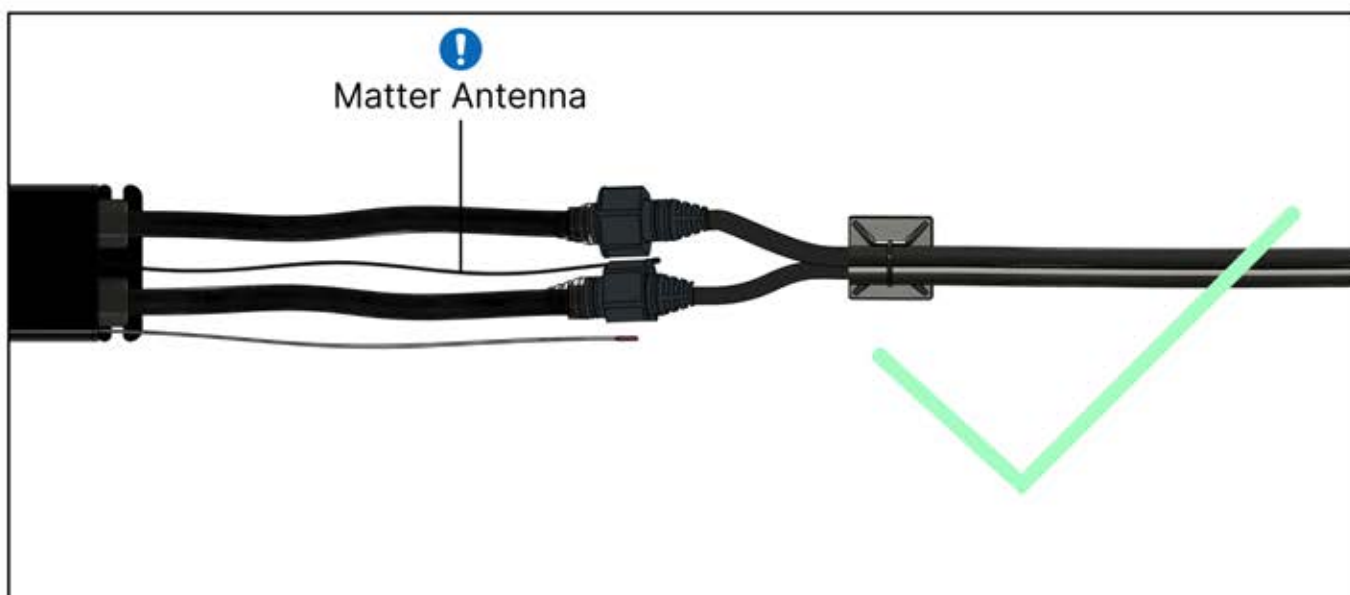
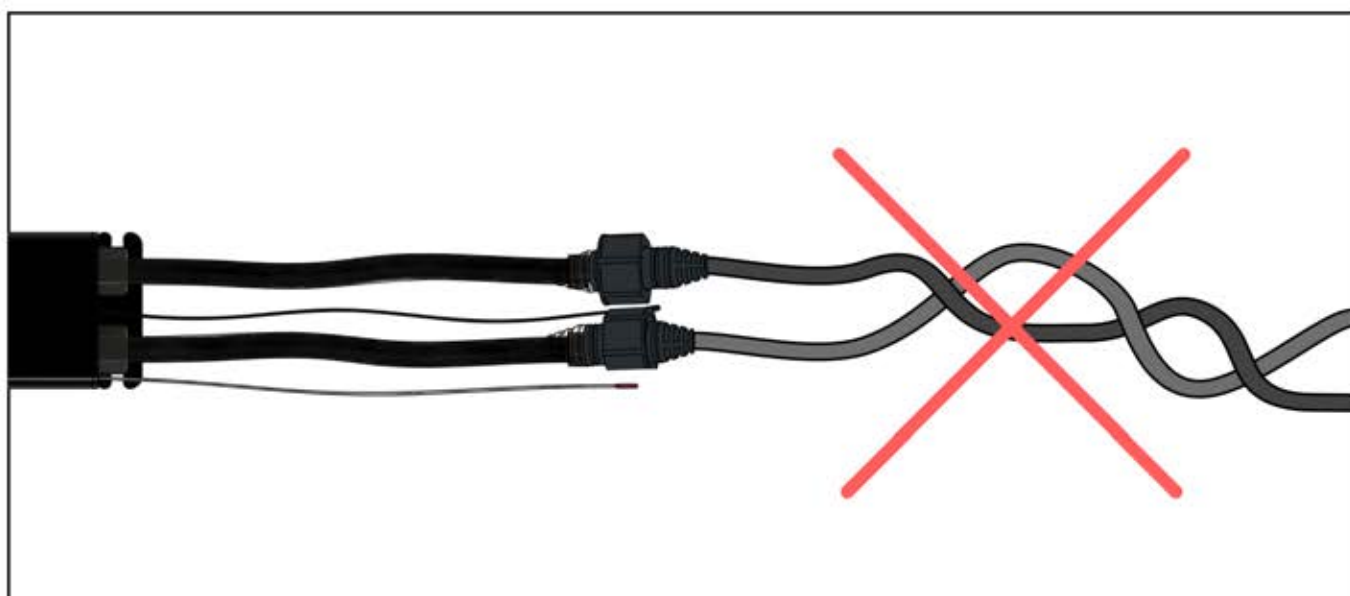


PN-200002683

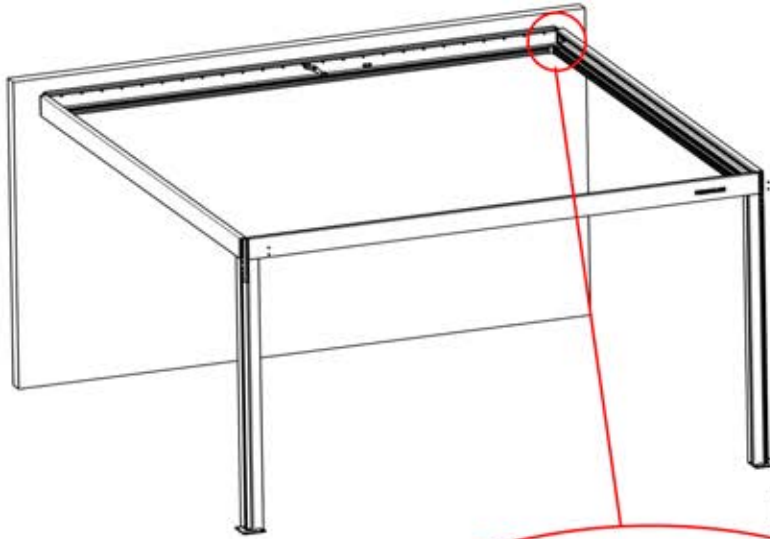
5x

PN-200002684

10x

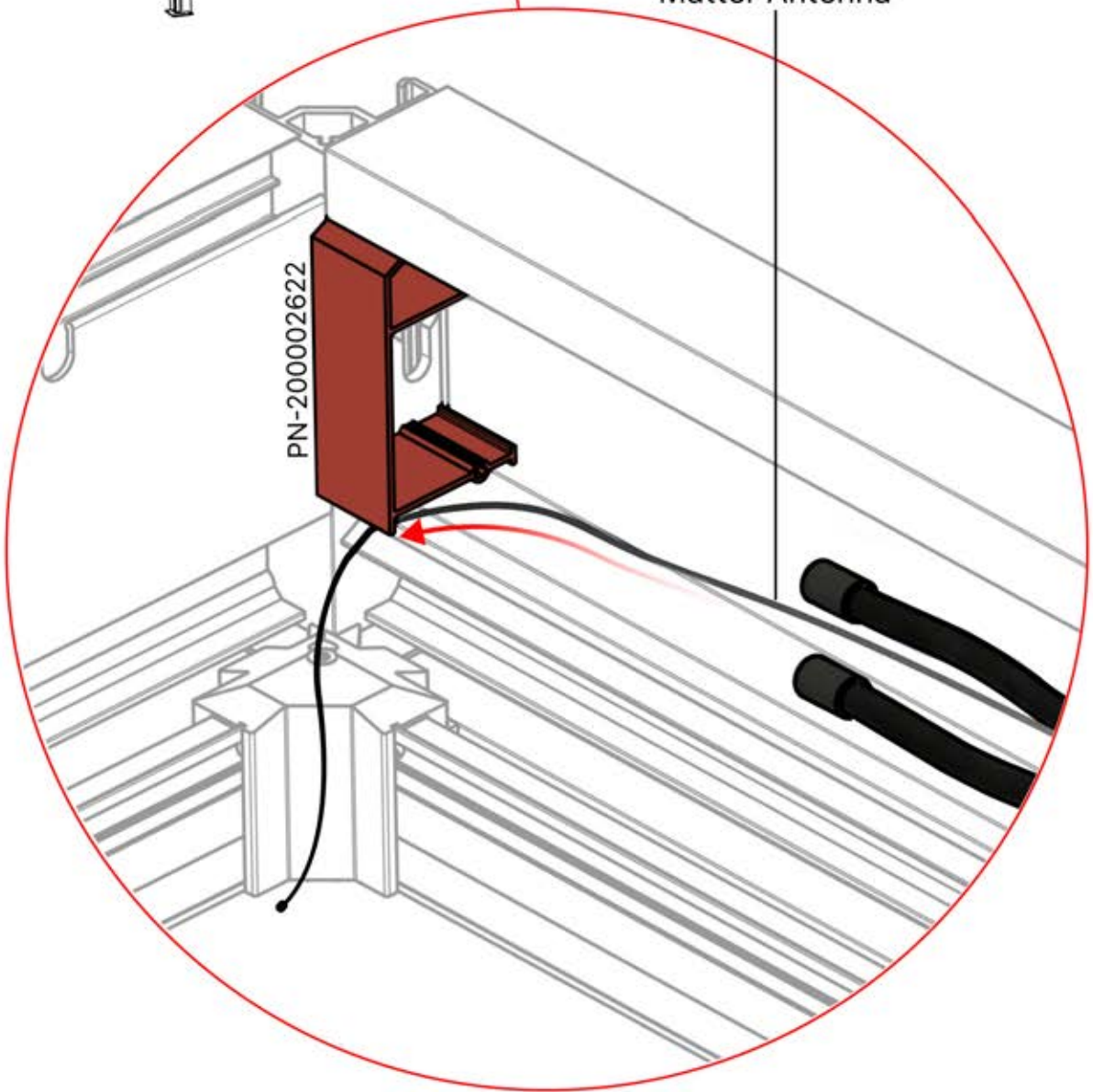


41




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


Matter Antenna



42



5

ANTHRACITE: B262
WHITE: B266
BLACK: B264



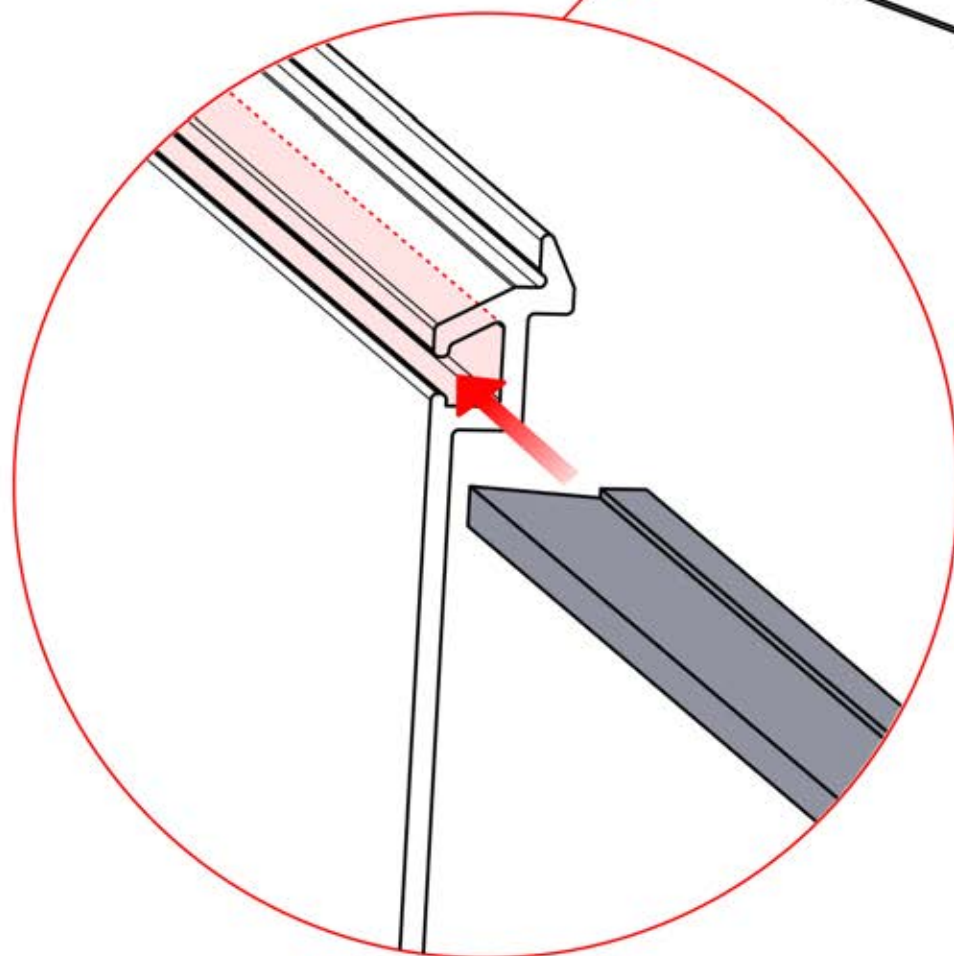
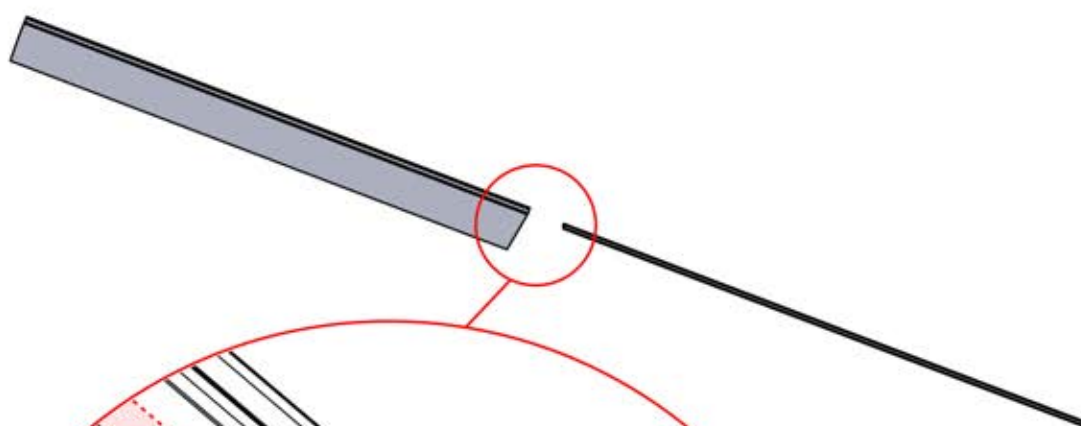
PN-200003035

2x

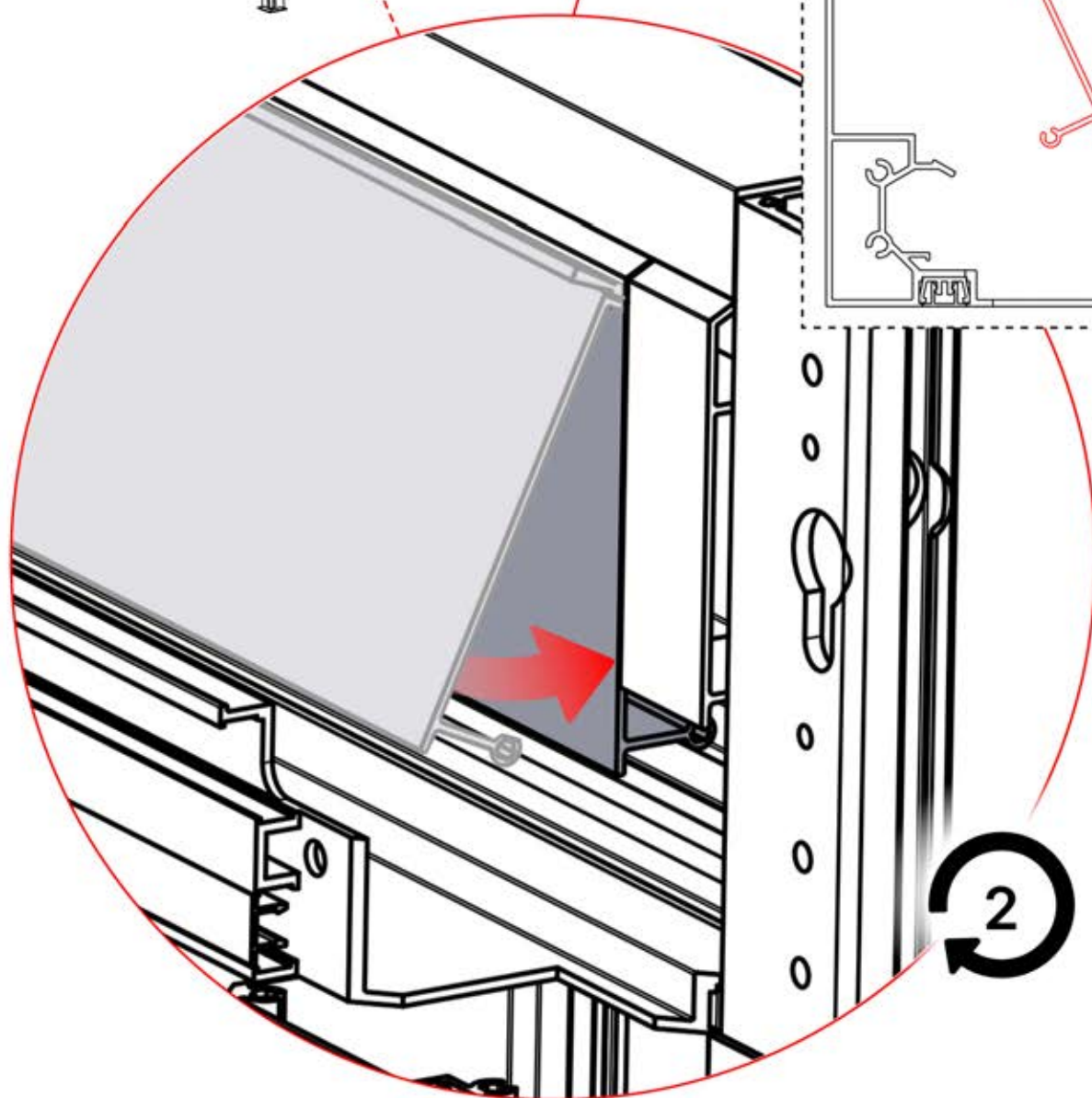
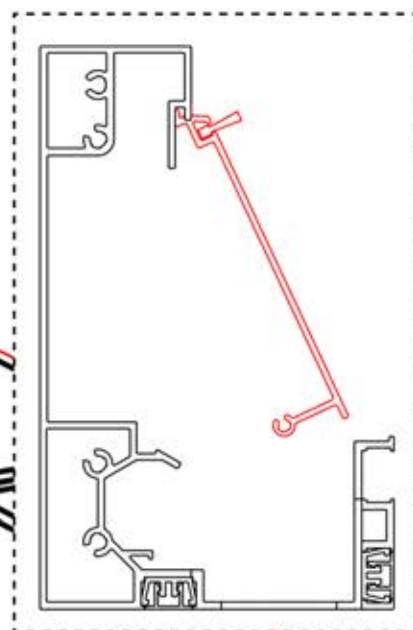
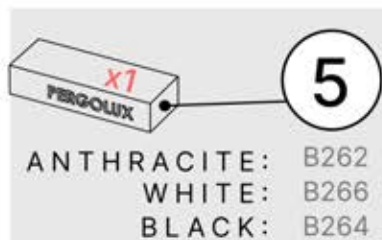


PN-200003043

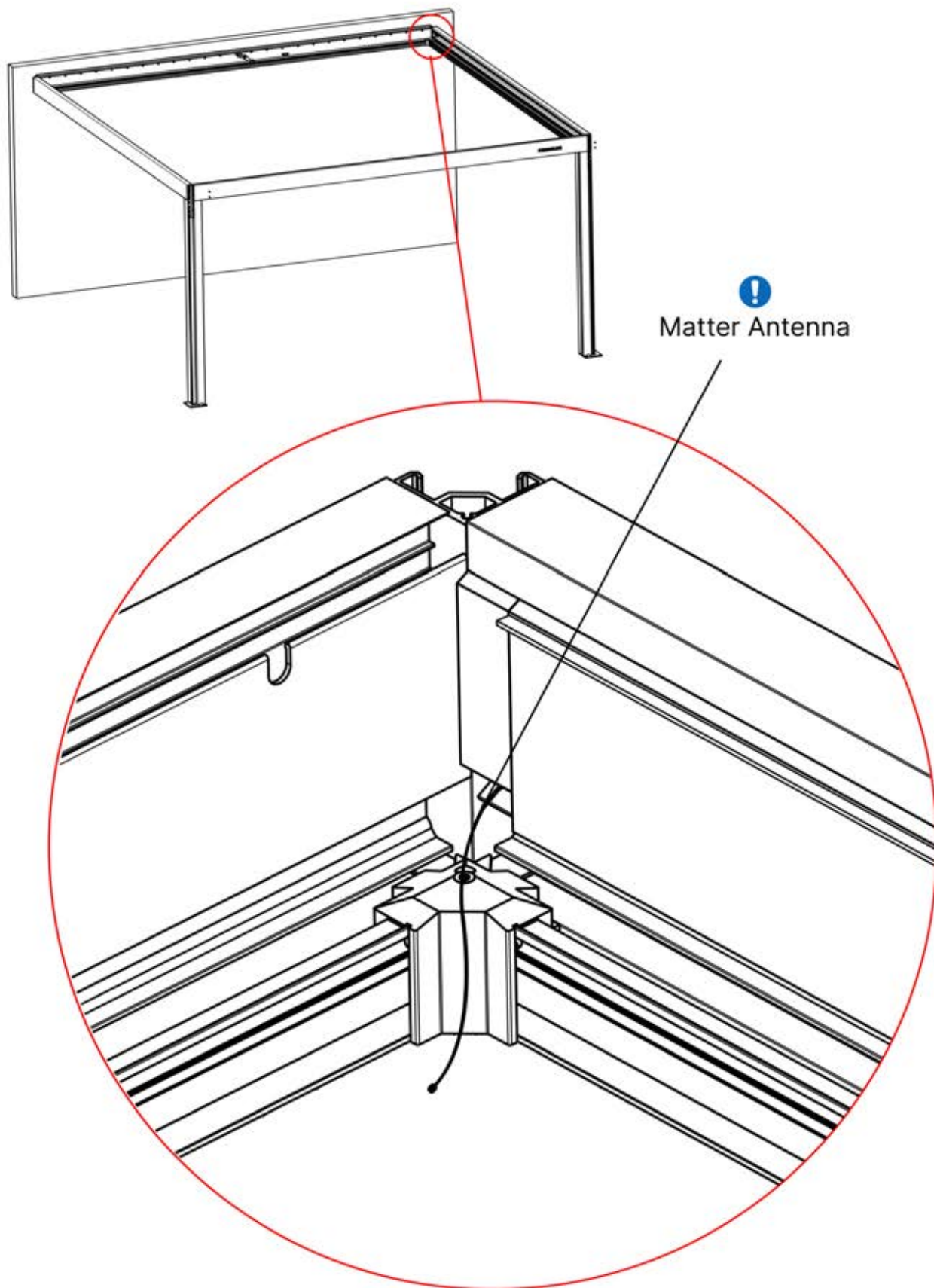
2x



43



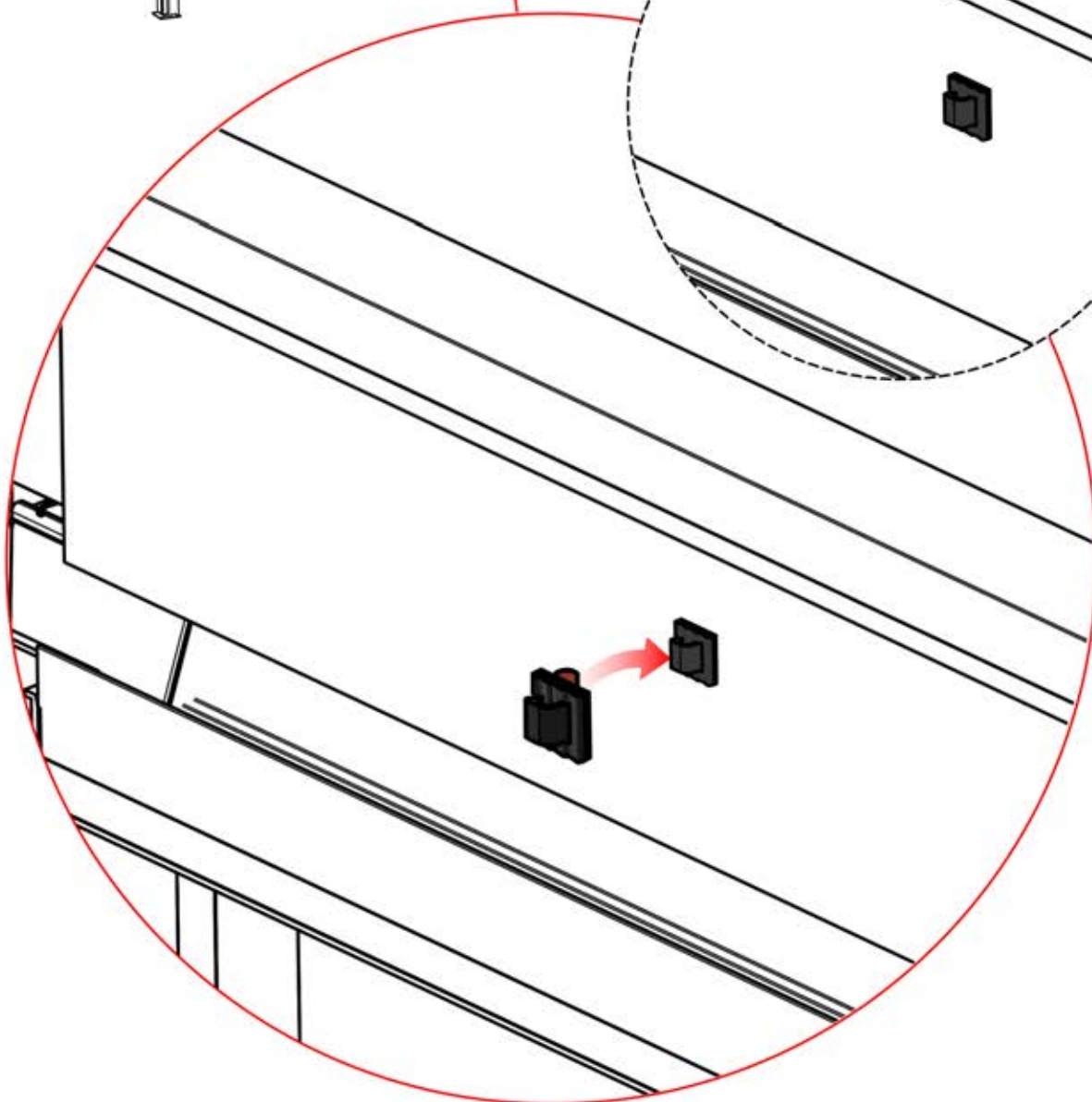
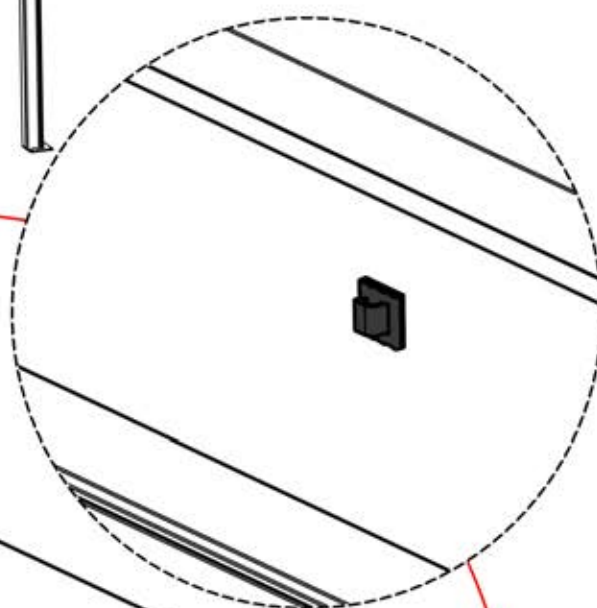
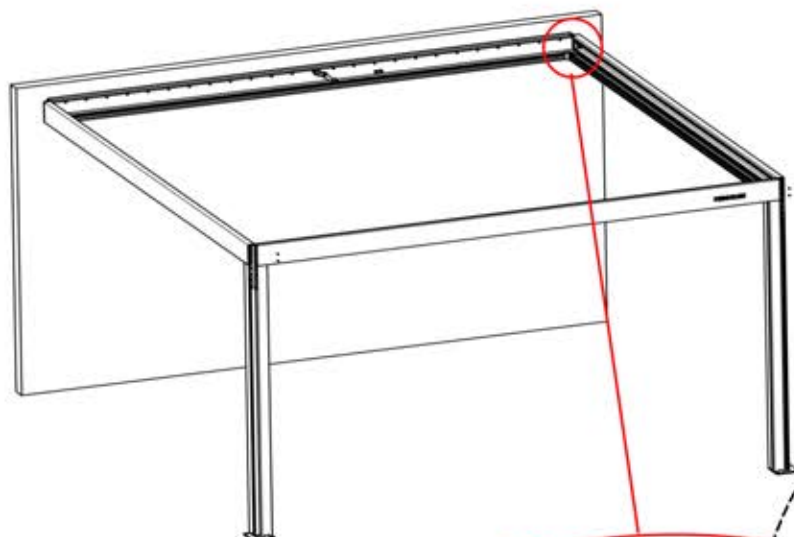
INFORMATION



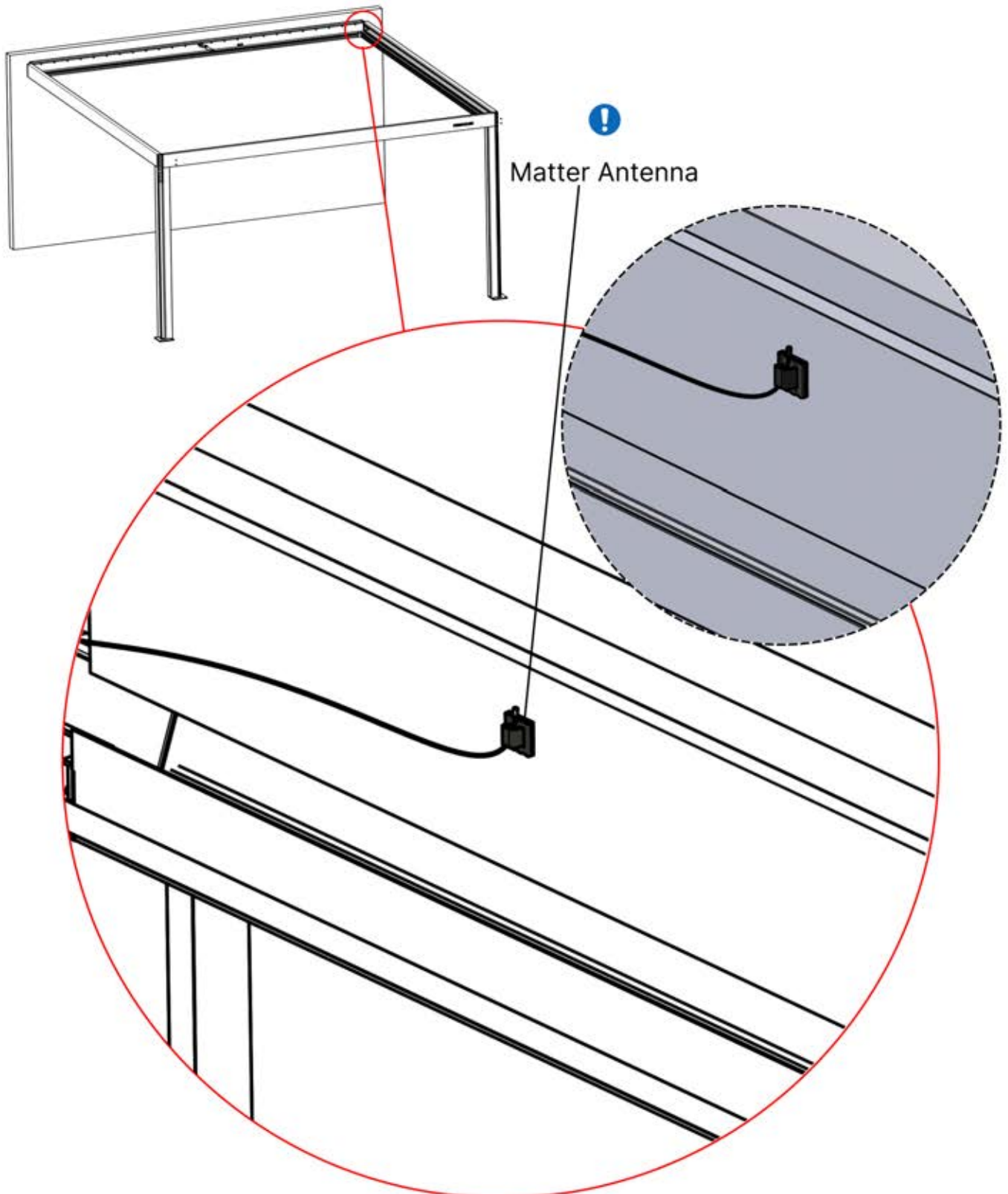
44



Matter Antenna
1x



45

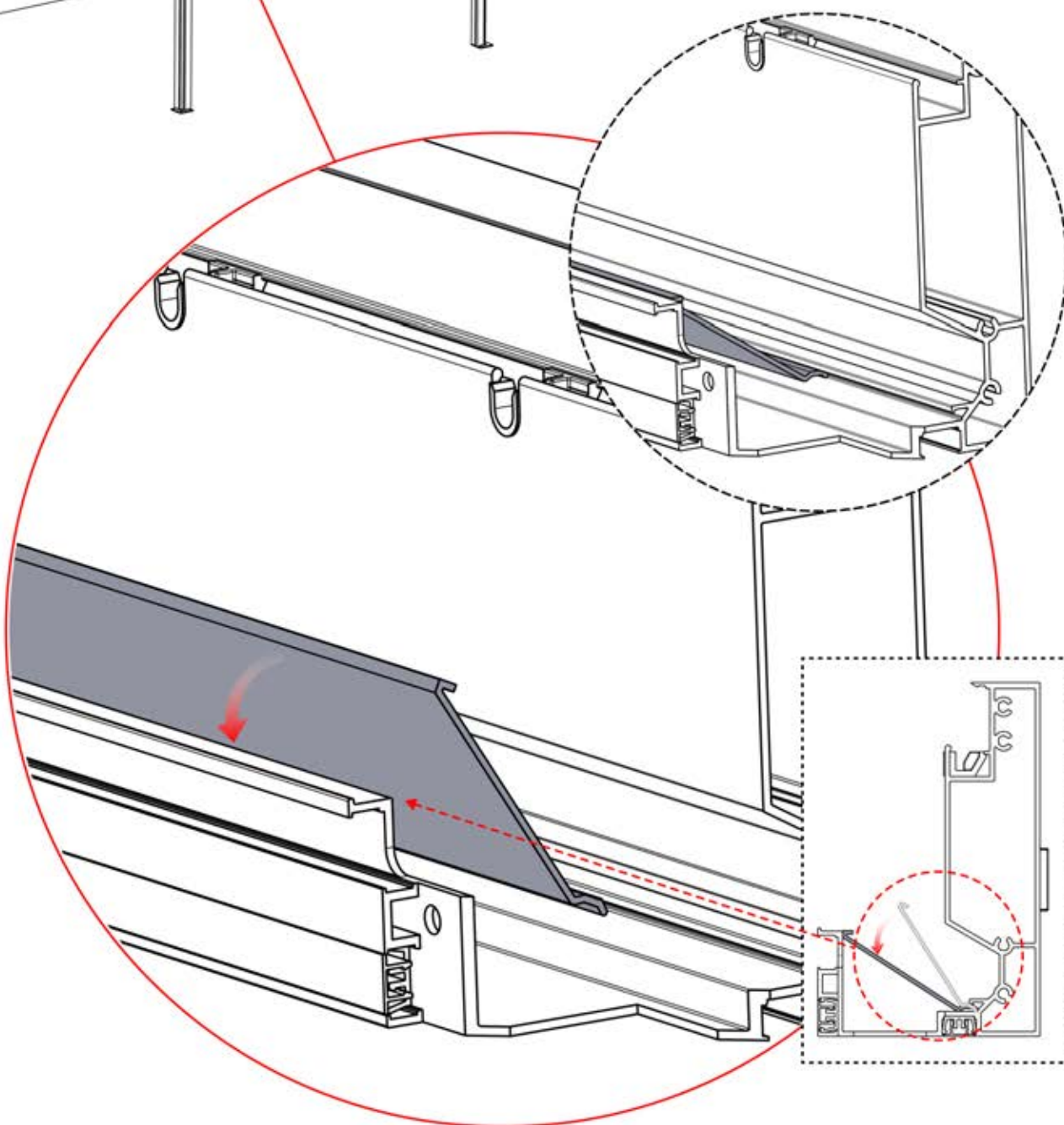
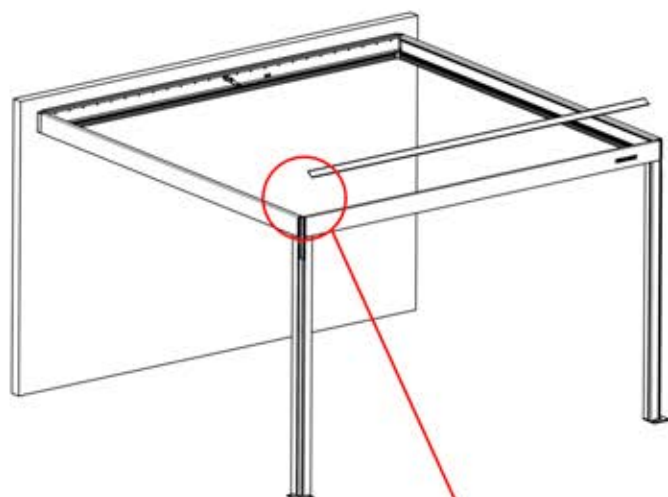
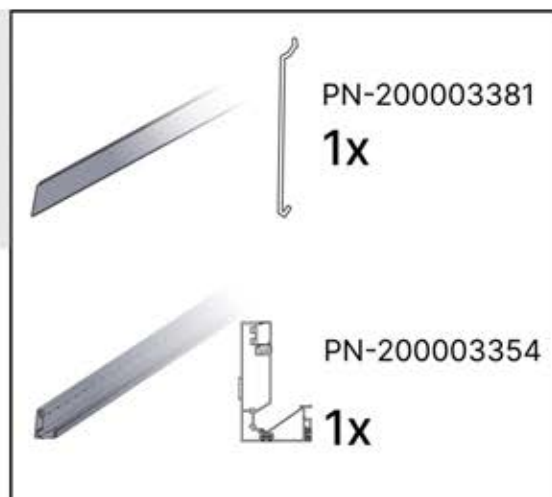


46

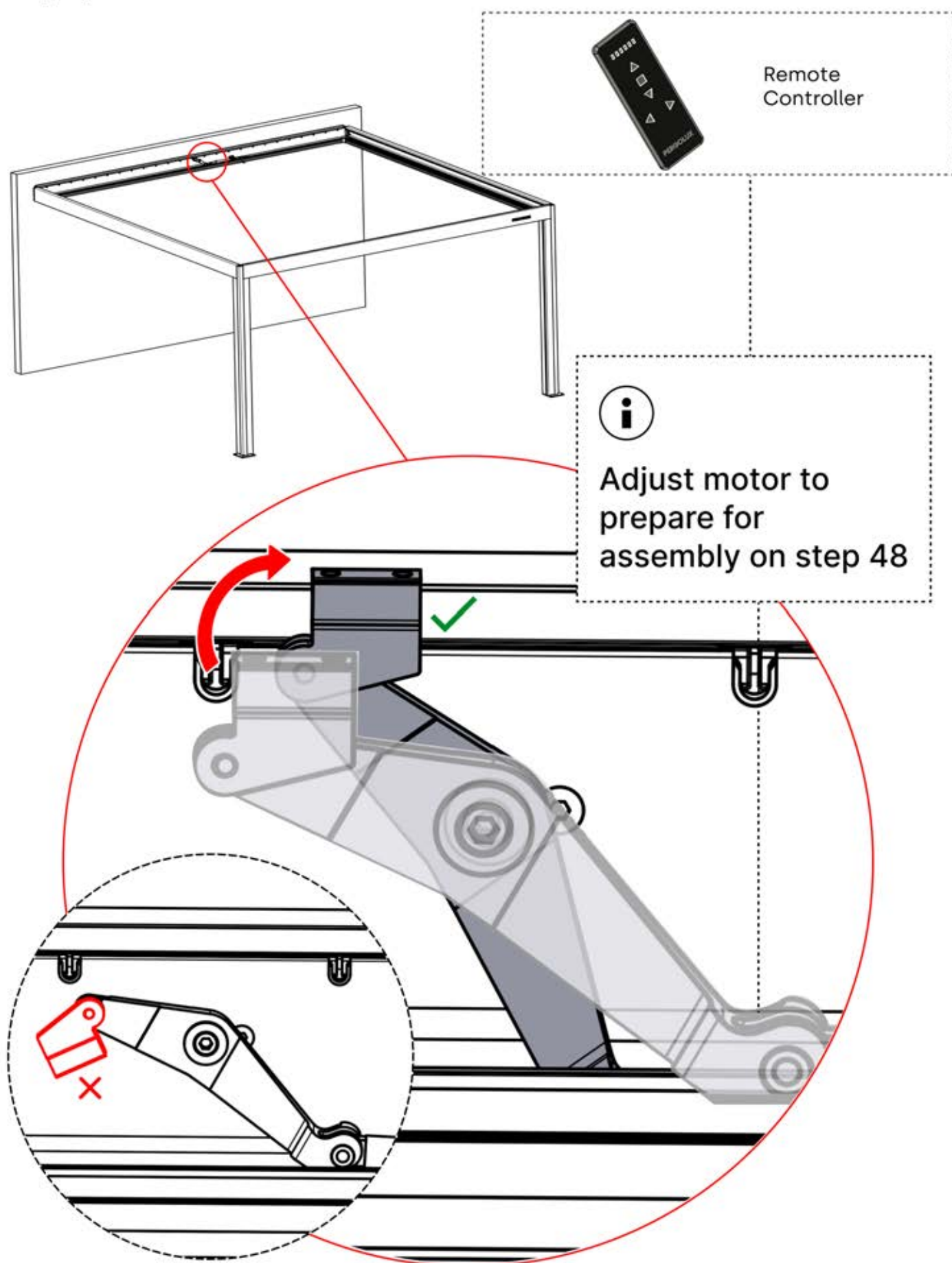


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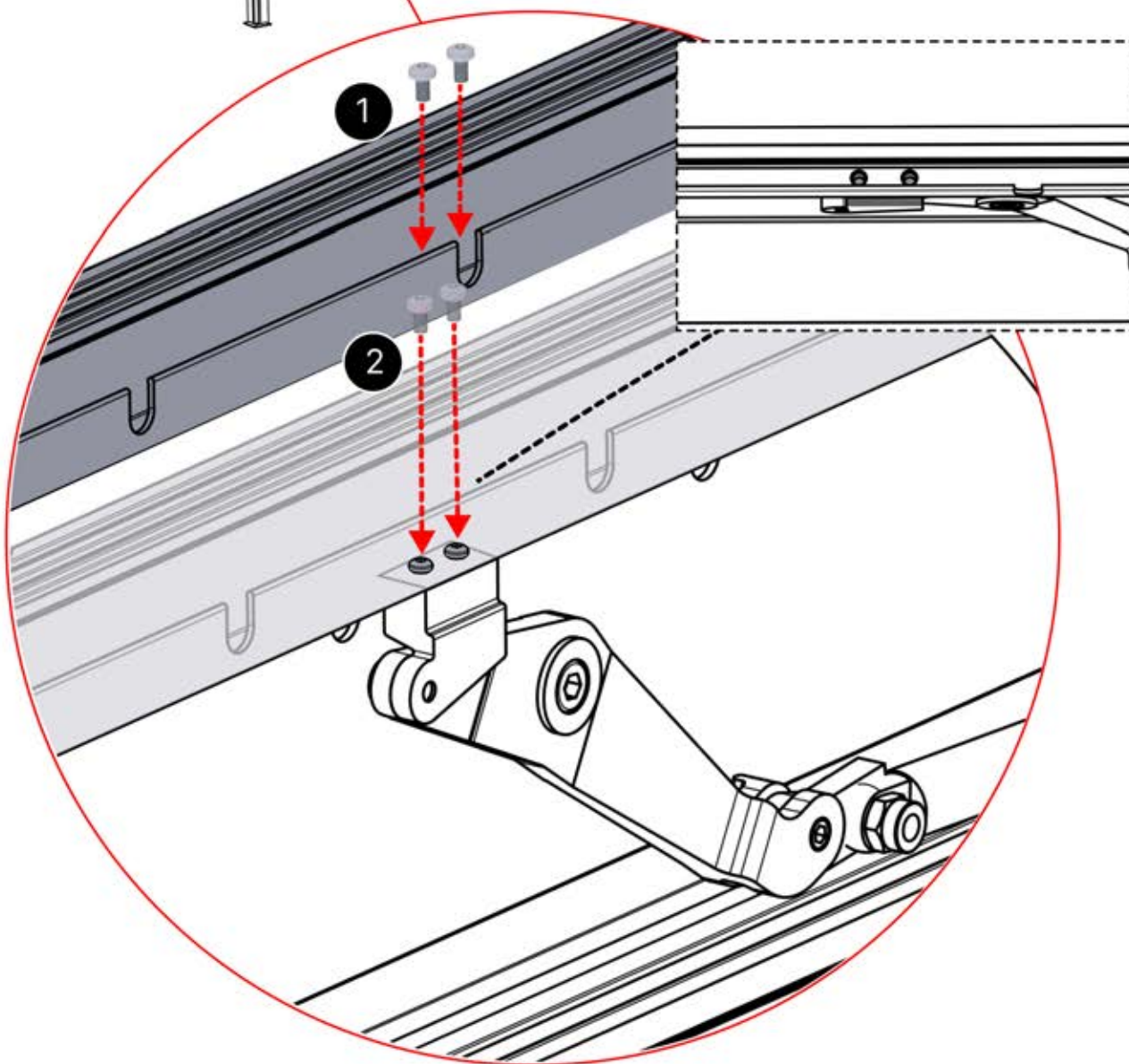
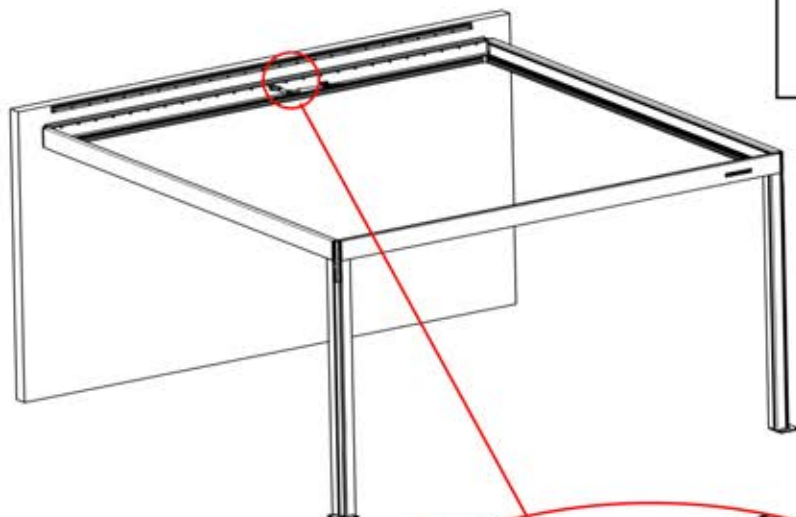
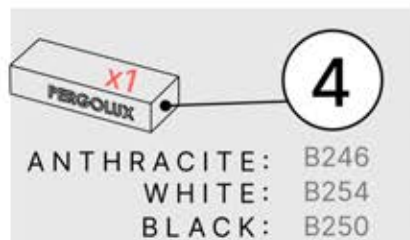
ANTHRACITE: B246
WHITE: B254
BLACK: B250



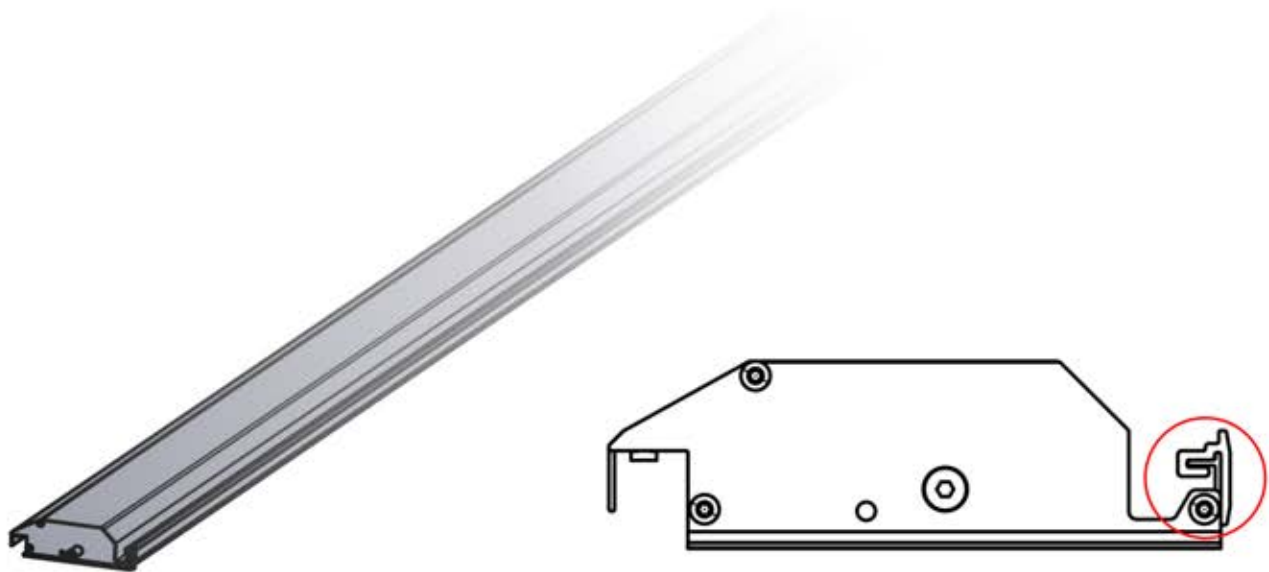
47



48



ITEMS IN BOX

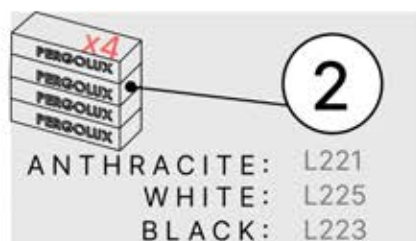
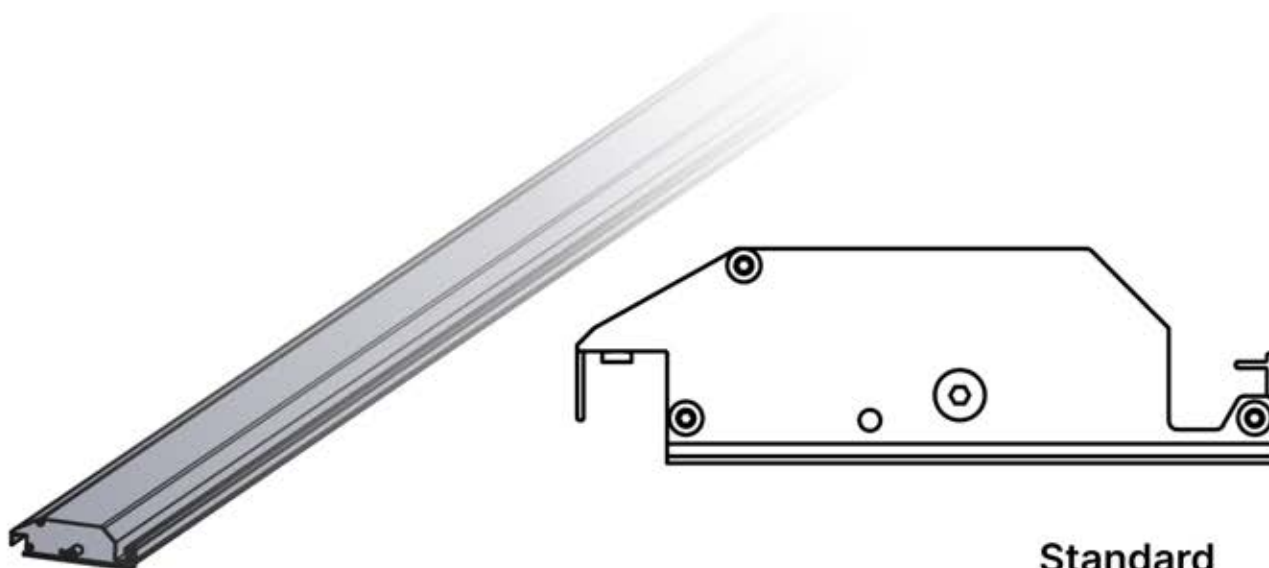


ANTHRACITE: L233
WHITE: L237
BLACK: L235

PLR 150 G2 PRO LOUVER END FS 4M
PACKAGE

PN-200002957

1x



ANTHRACITE: L221
WHITE: L225
BLACK: L223

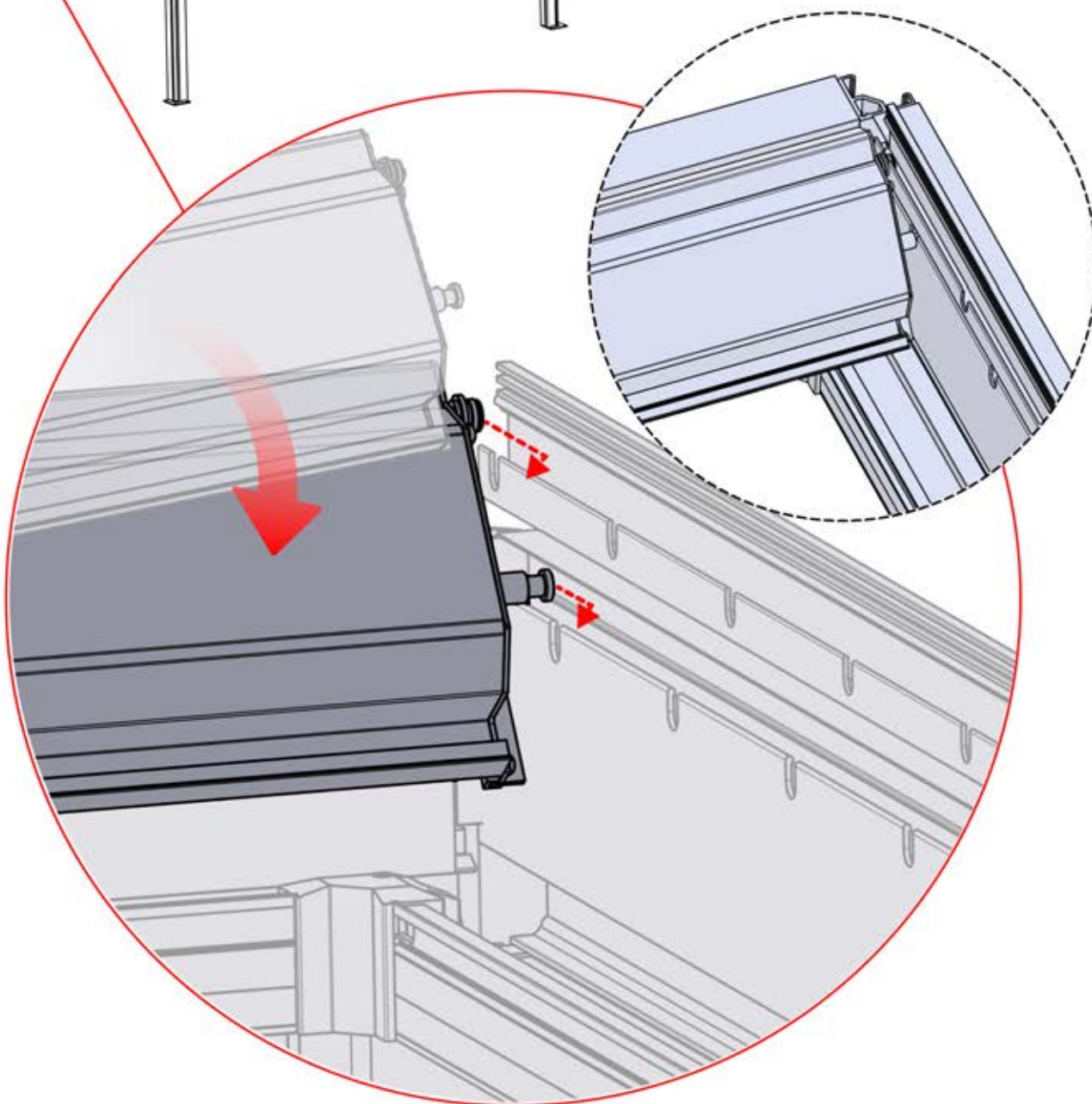
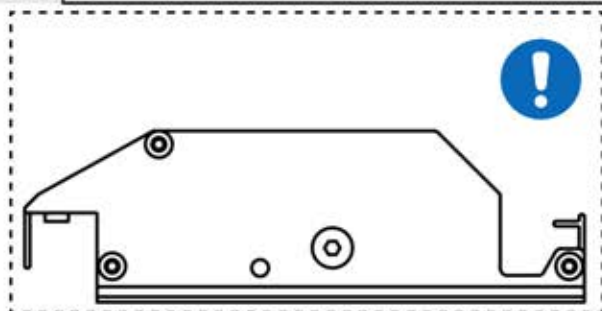
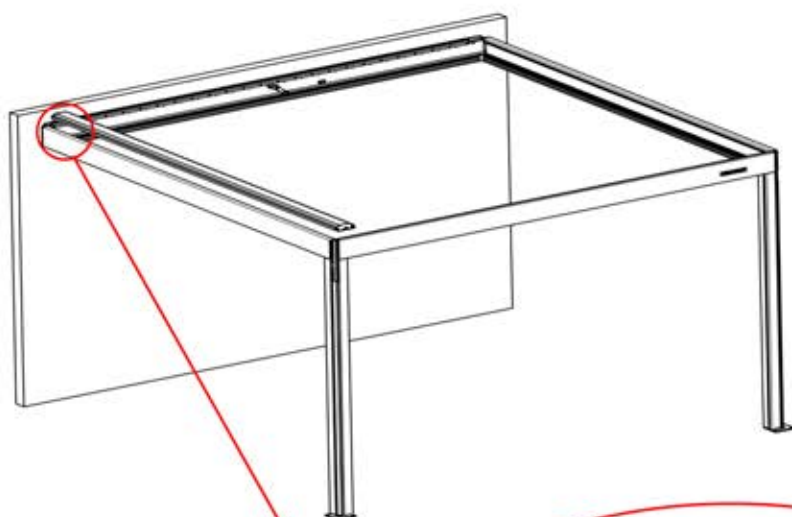
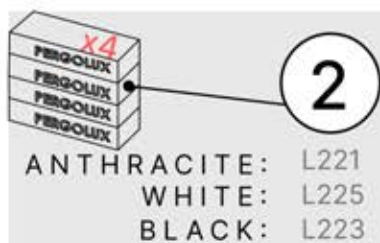
PLR 150 G2 PRO LOUVER STD FS 4M
PACKAGE

PN-200002879

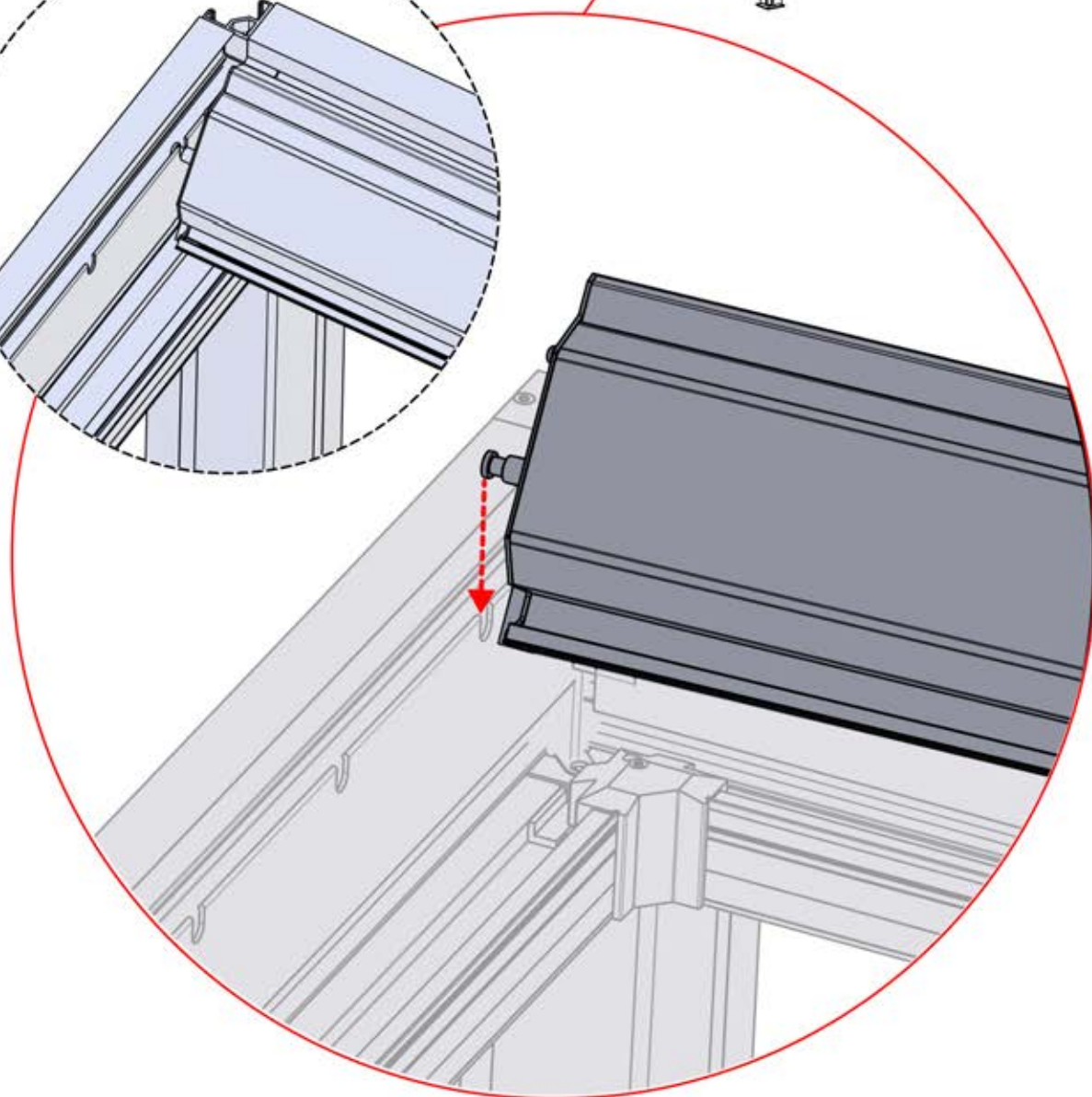
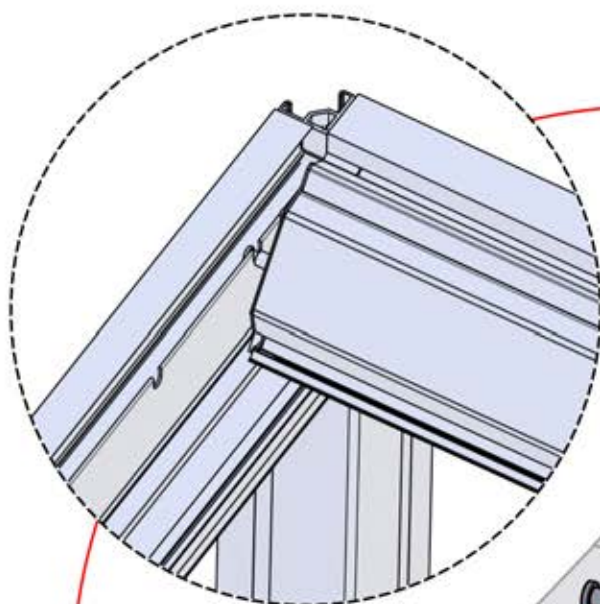
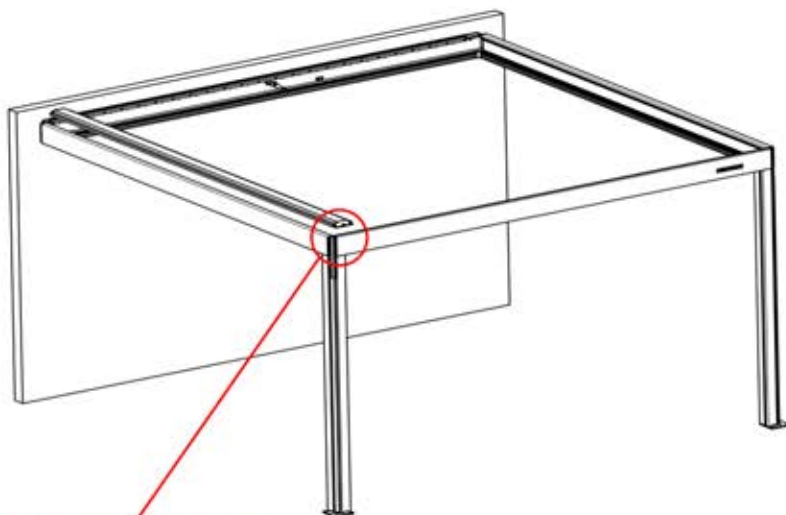
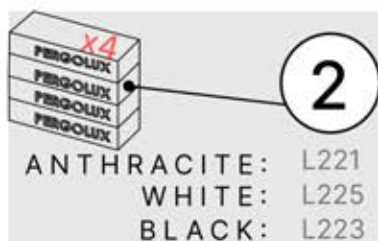
30x

Standard

49



50

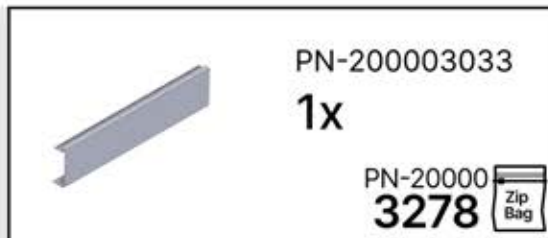


51



4

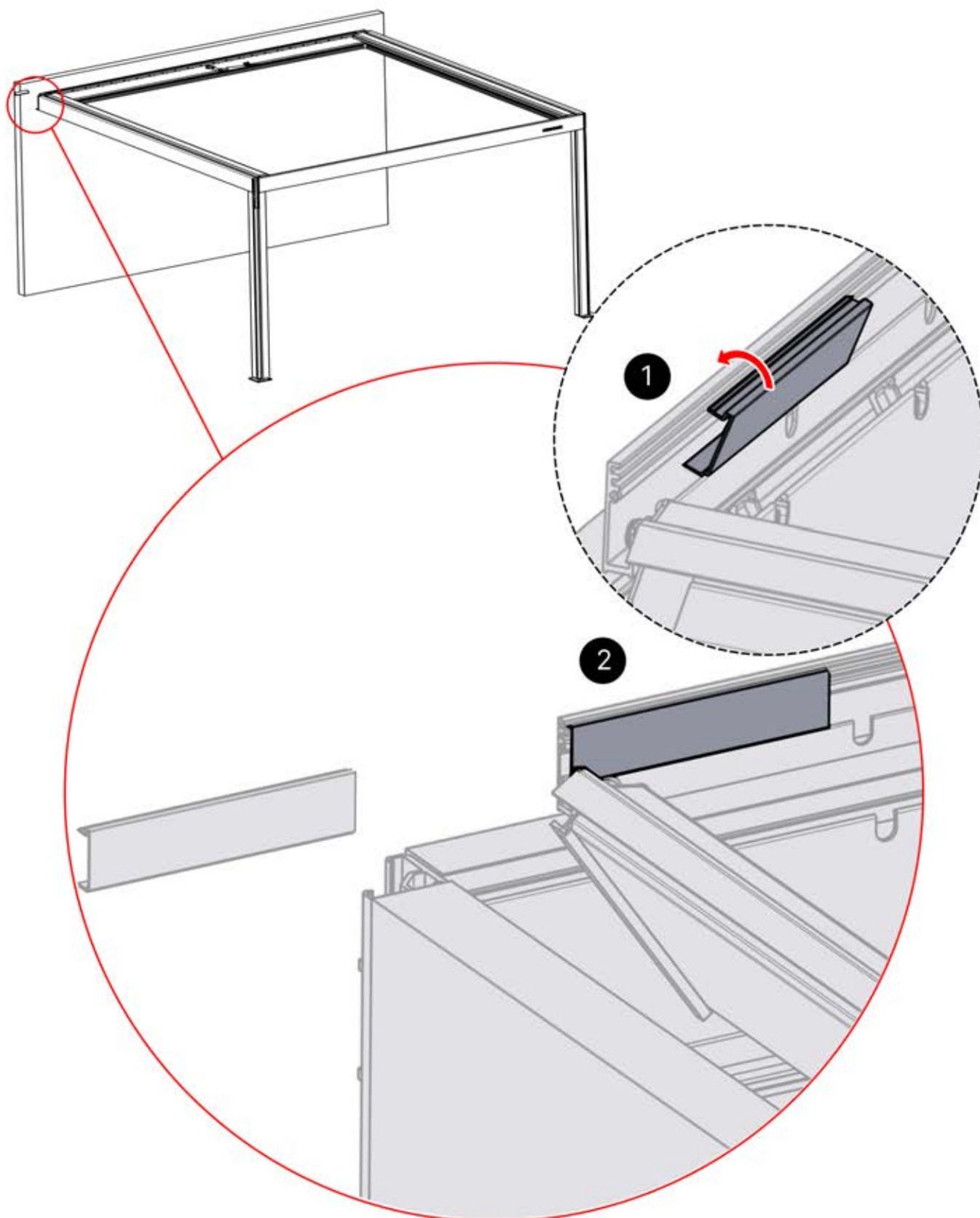
ANTHRACITE: B246
WHITE: B254
BLACK: B250



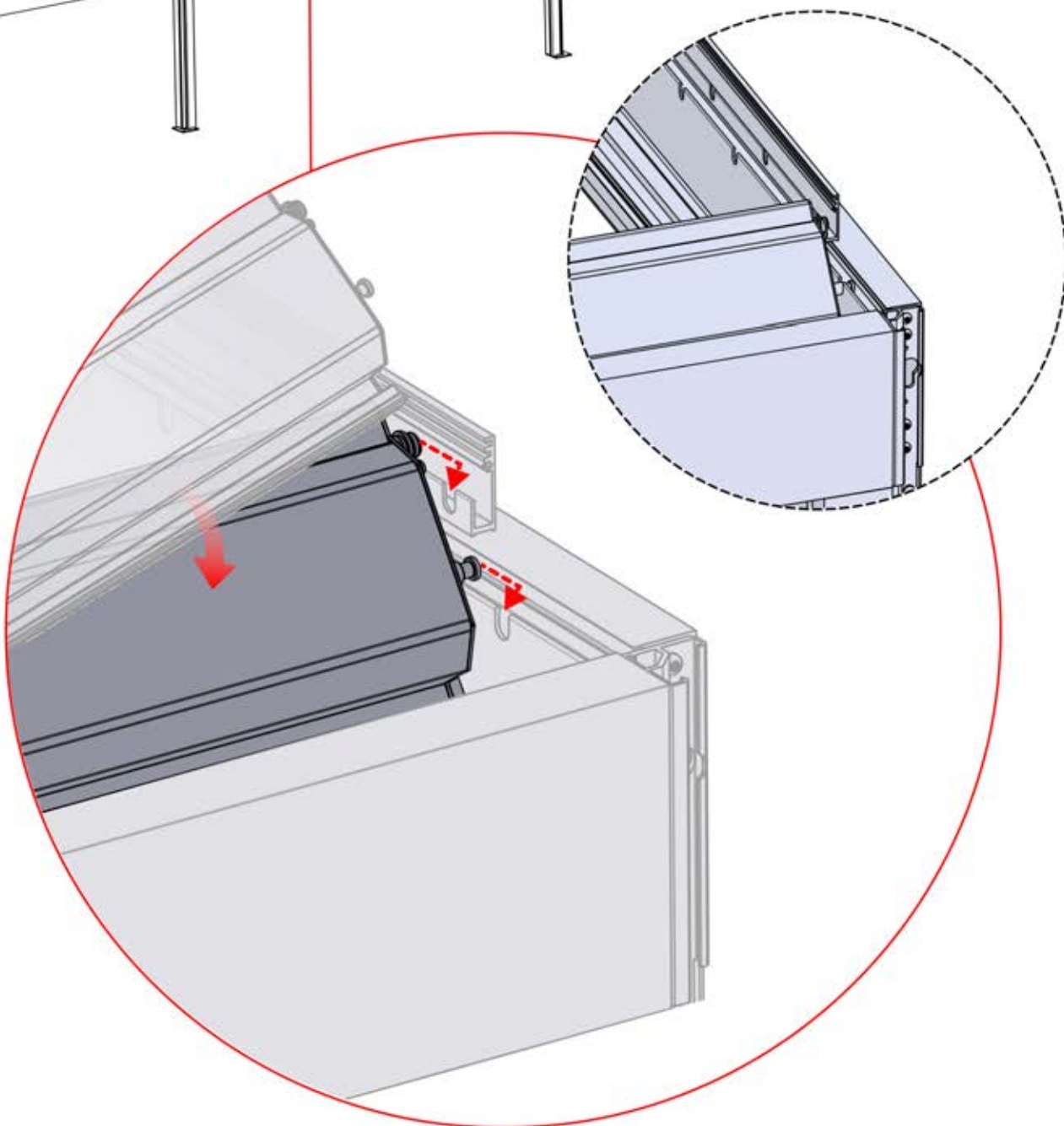
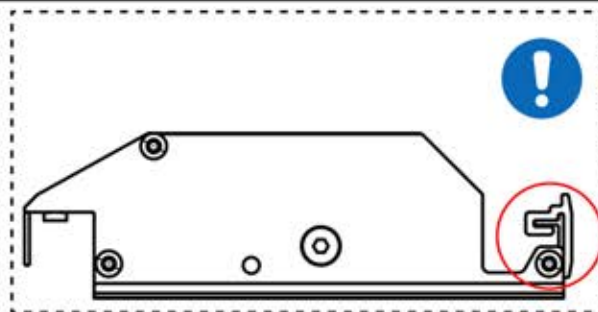
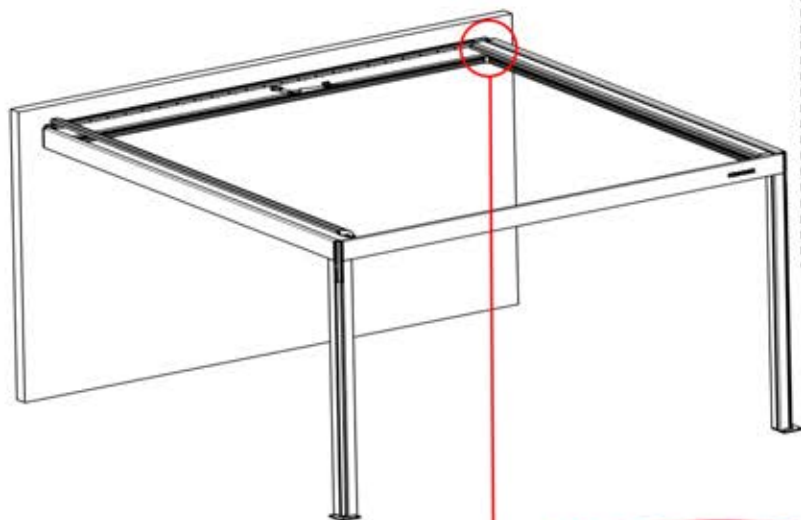
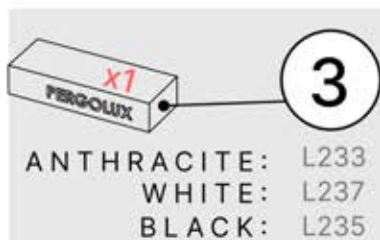
PN-200003033

1x

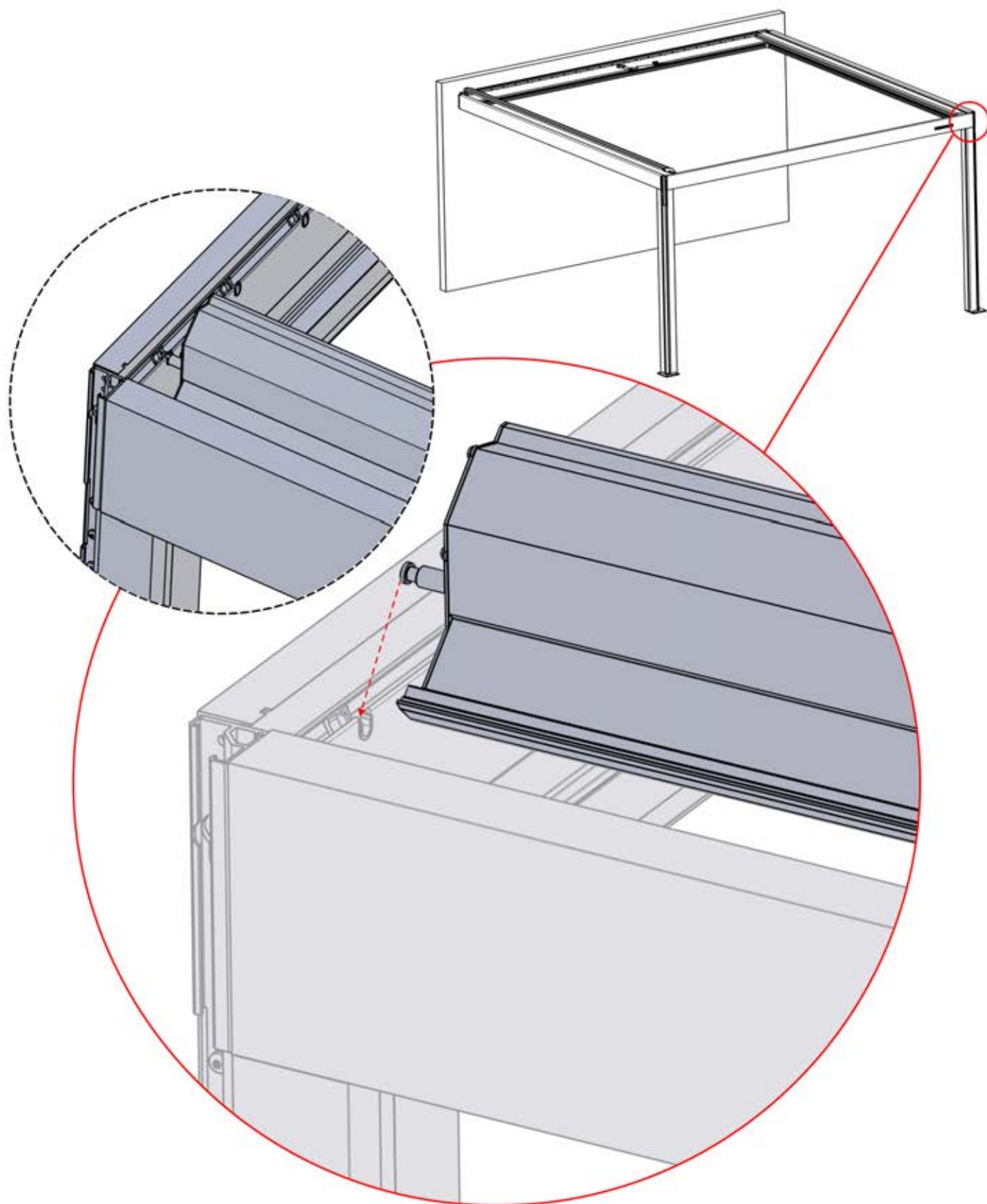
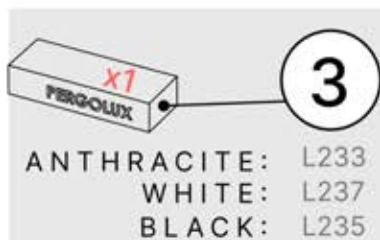
PN-20000
3278



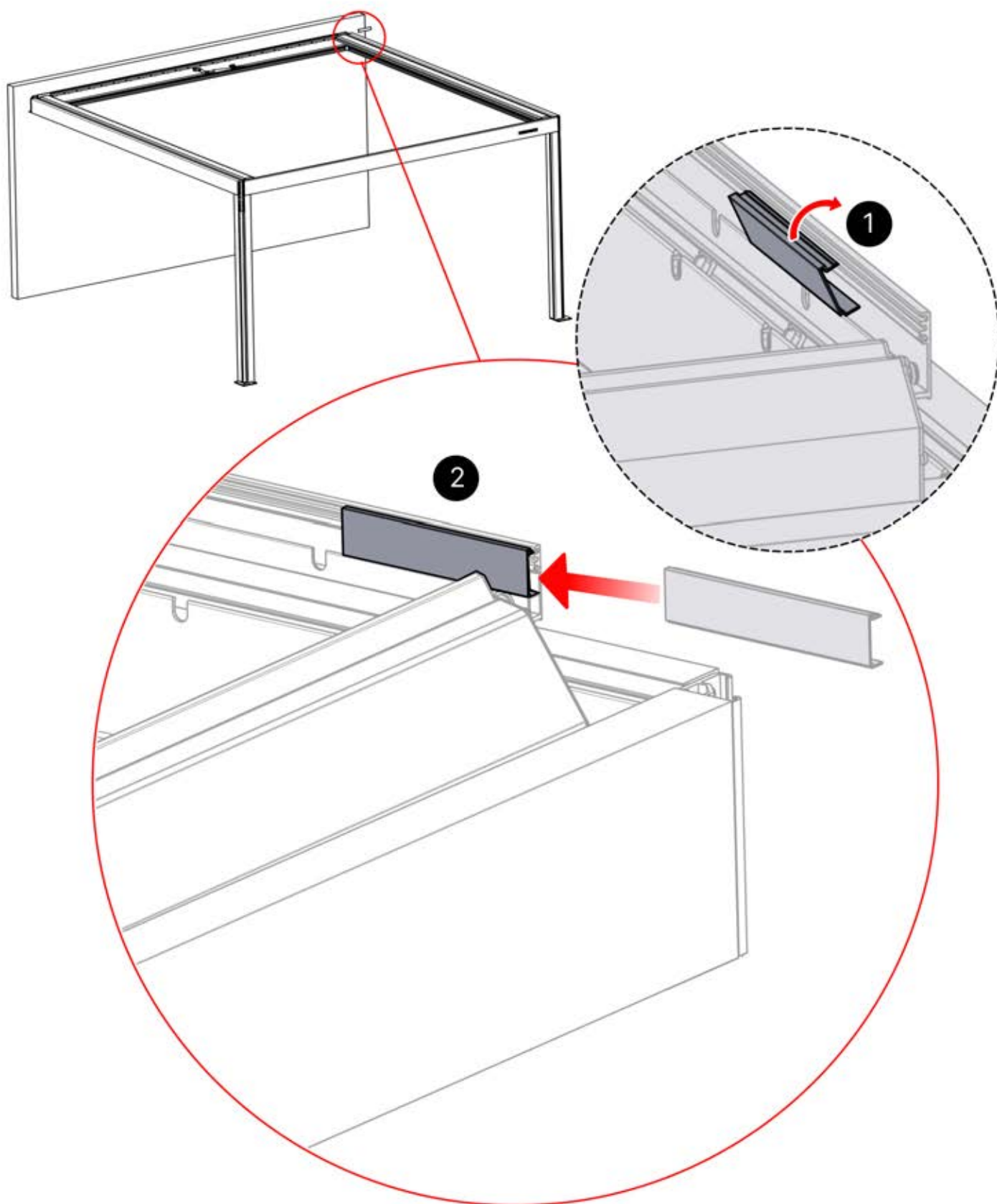
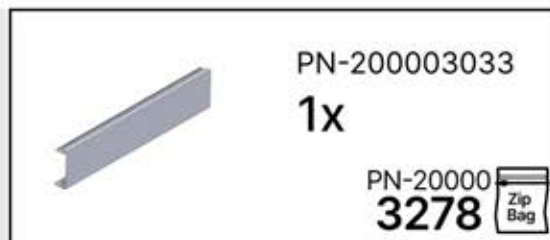
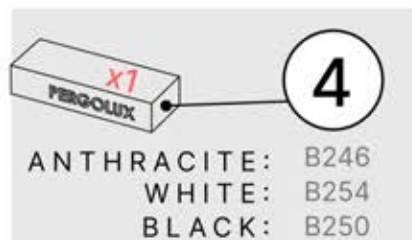
52



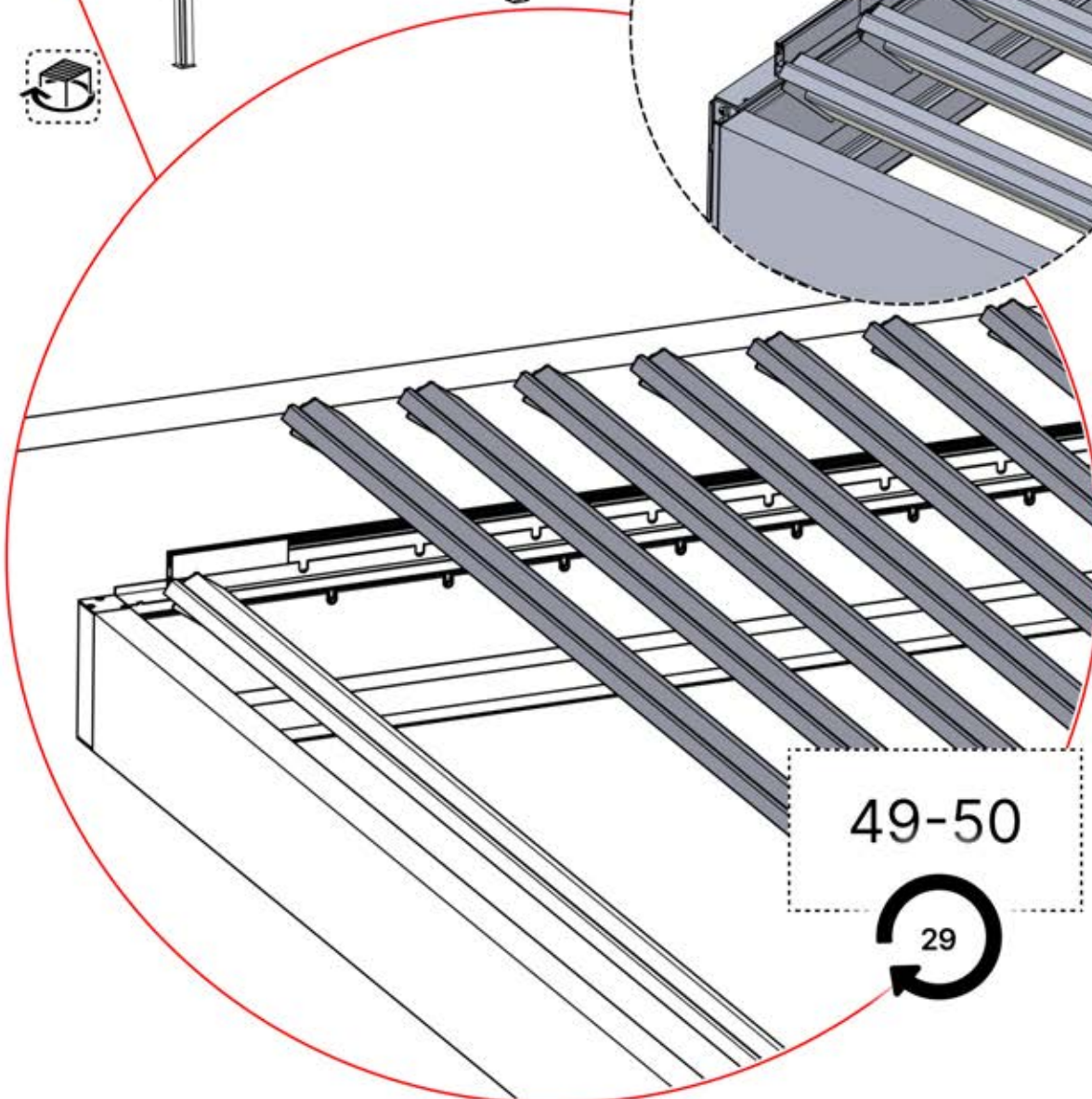
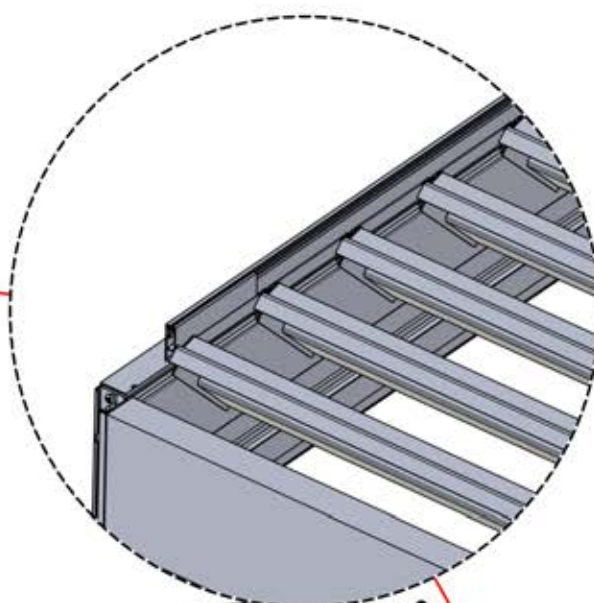
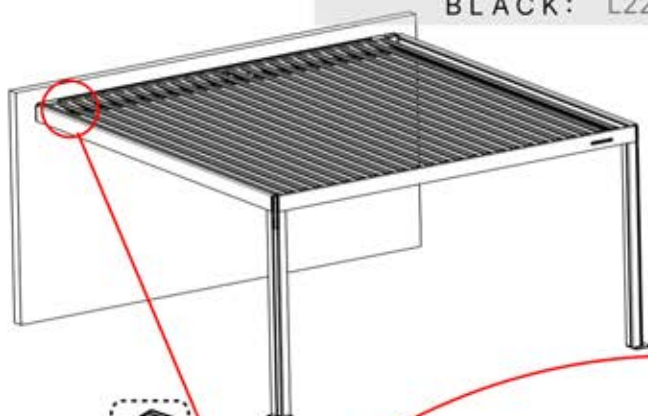
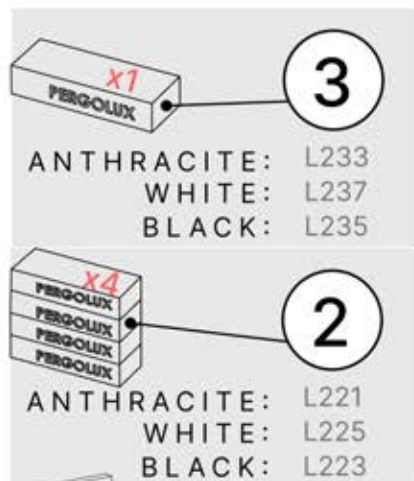
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54



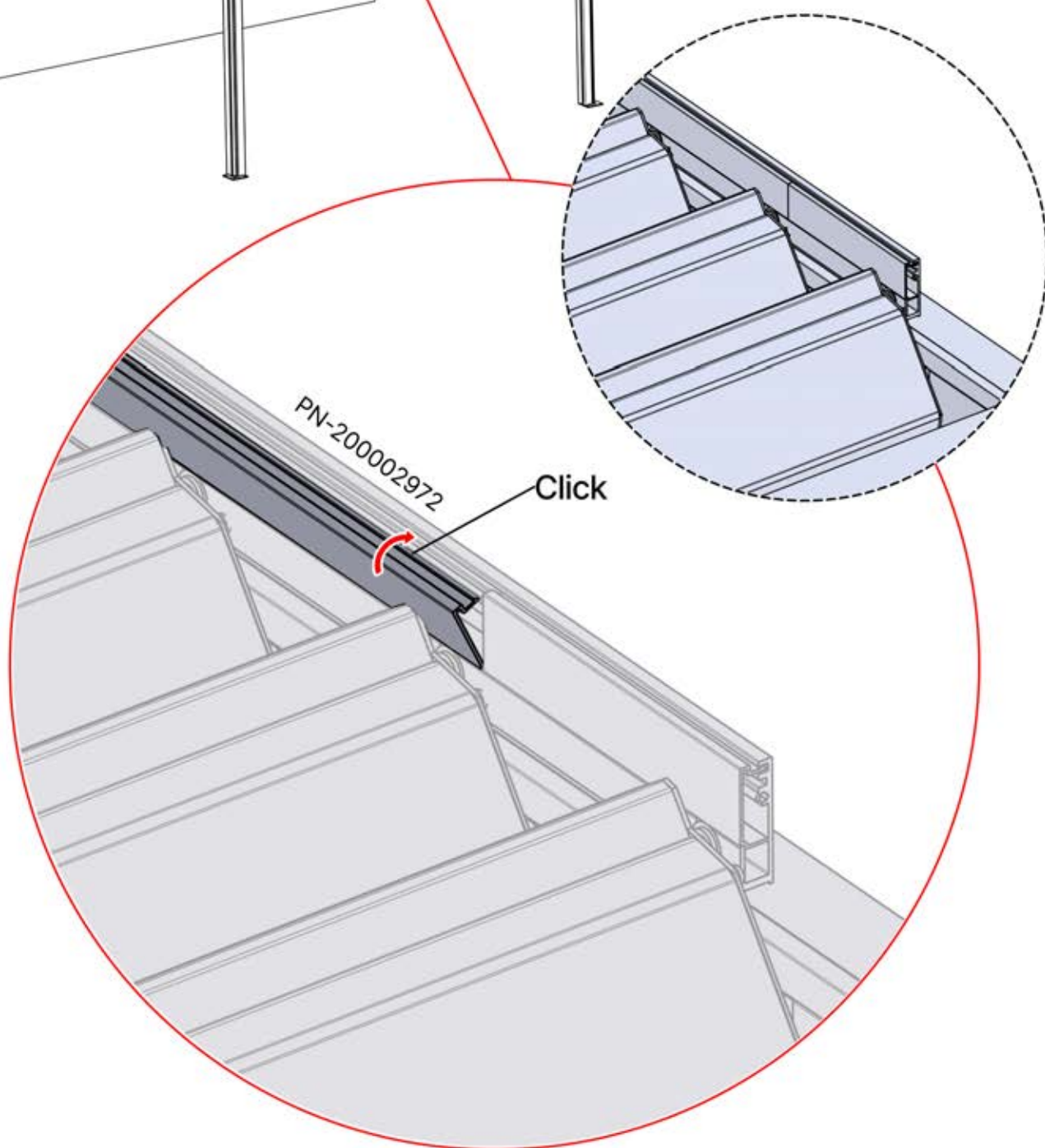
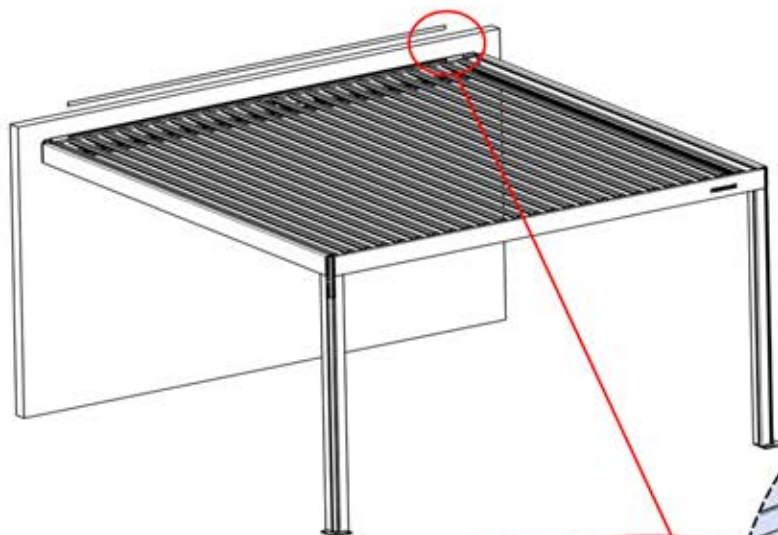
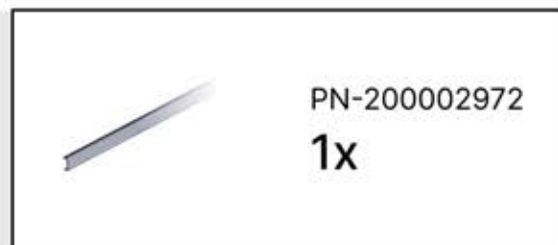
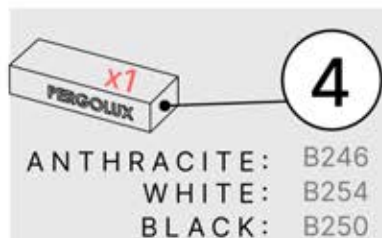
55



49-50



56

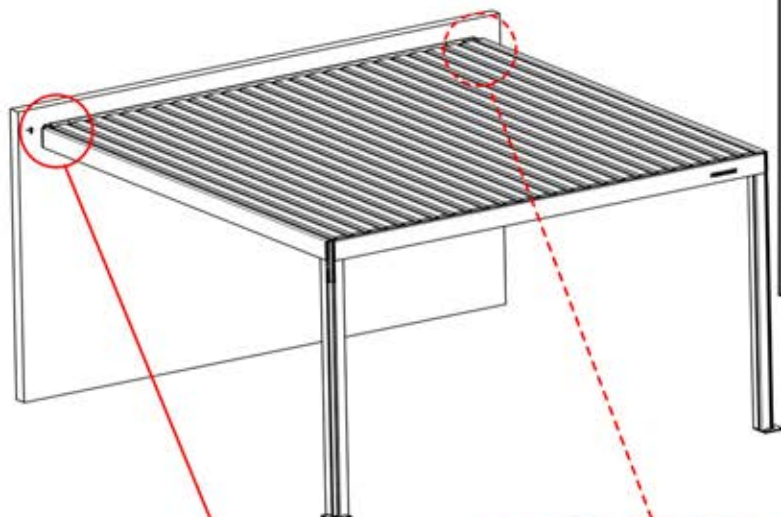


57



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200003030
1x

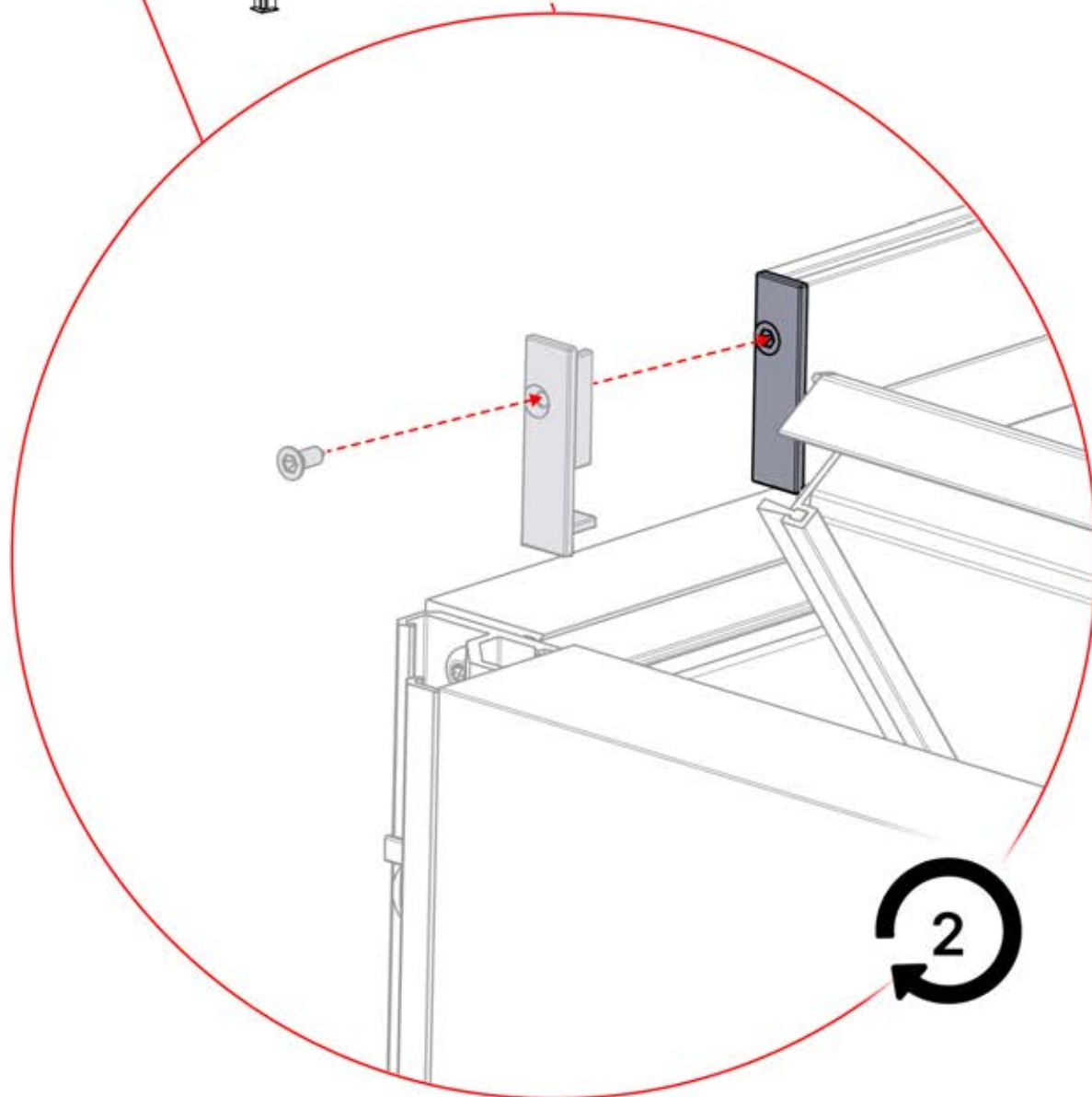


PN-200003031
1x



PN-200001207
2x

PN-20000
3278 



58



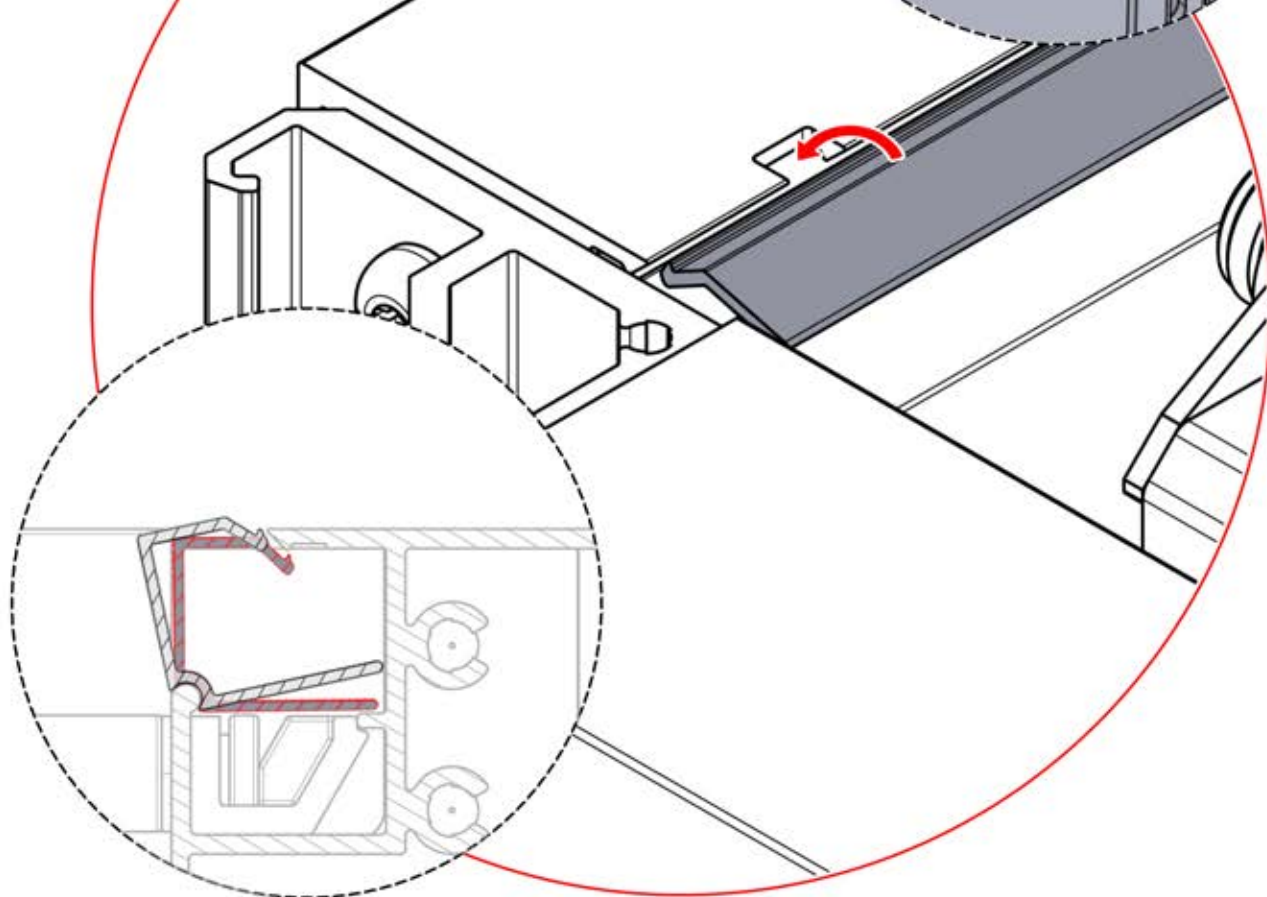
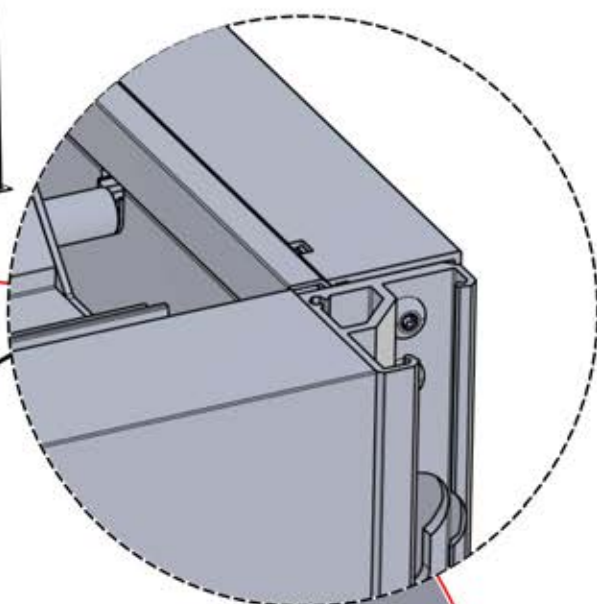
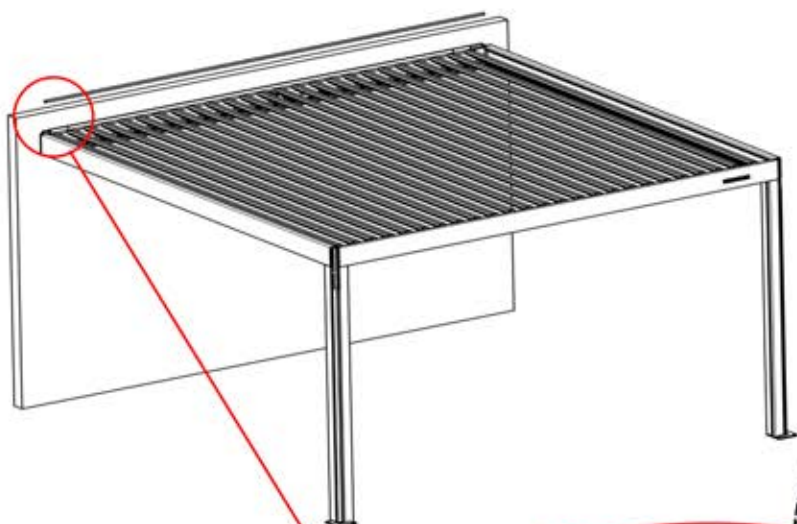
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200002974

1x



59



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

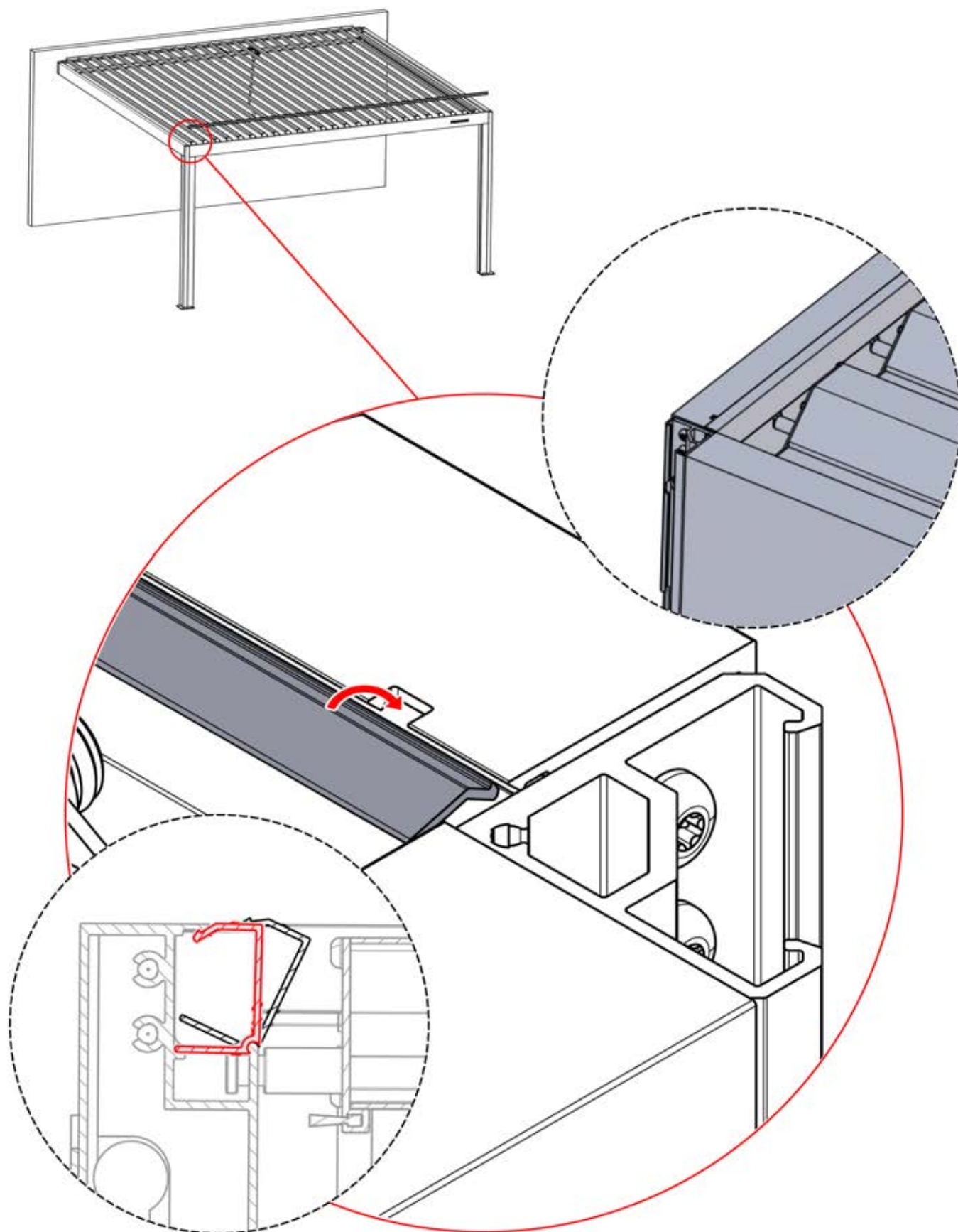
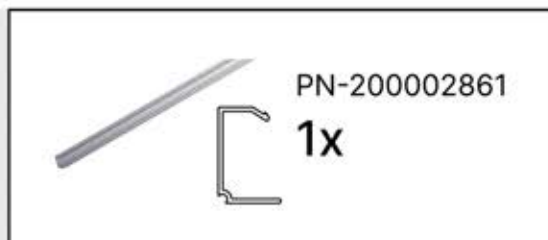




Diagram showing a 4-pin connector (labeled 4) and a 1-pin connector (labeled 1). Both connectors are labeled "PERGOLUX" and "x1".

4-pin connector color coding:

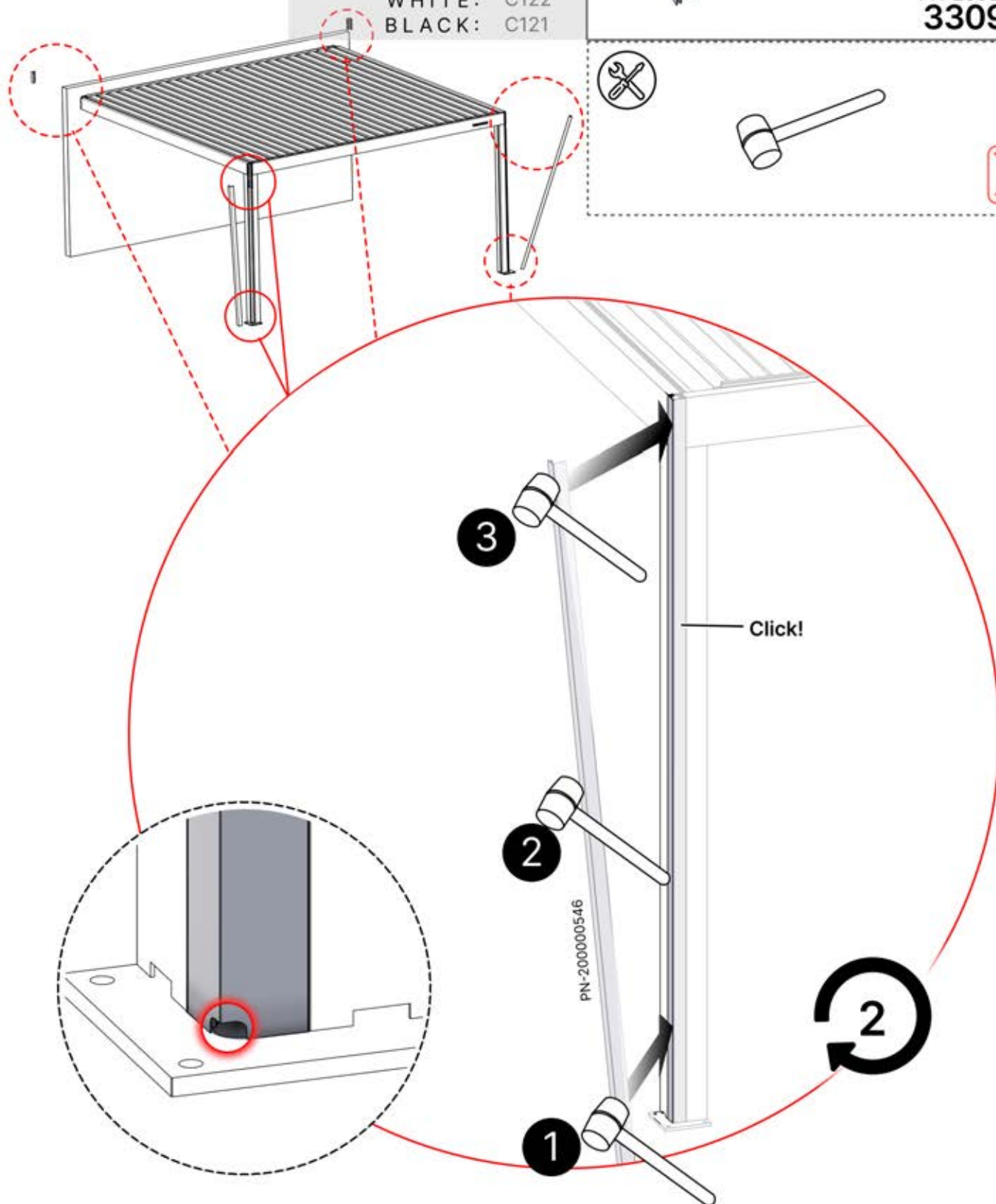
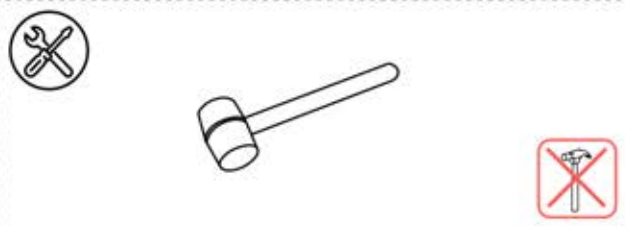
- ANTHRACITE: B246
- WHITE: B254
- BLACK: B250

1-pin connector color coding:

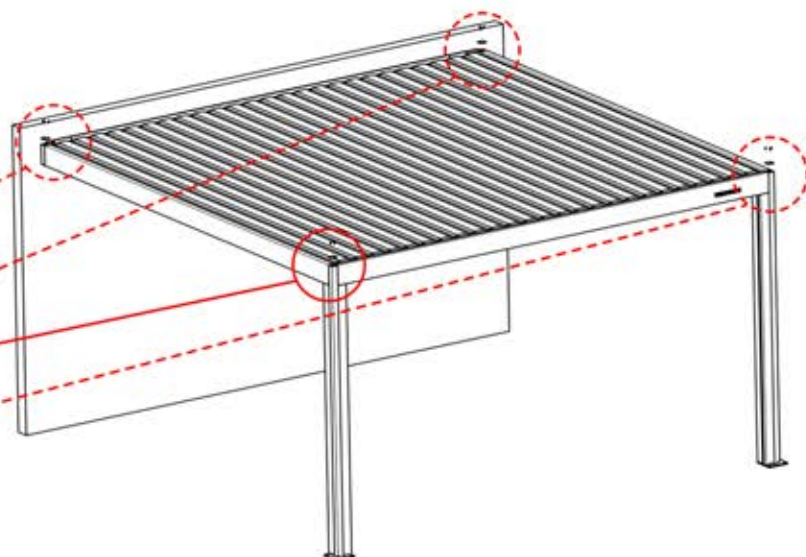
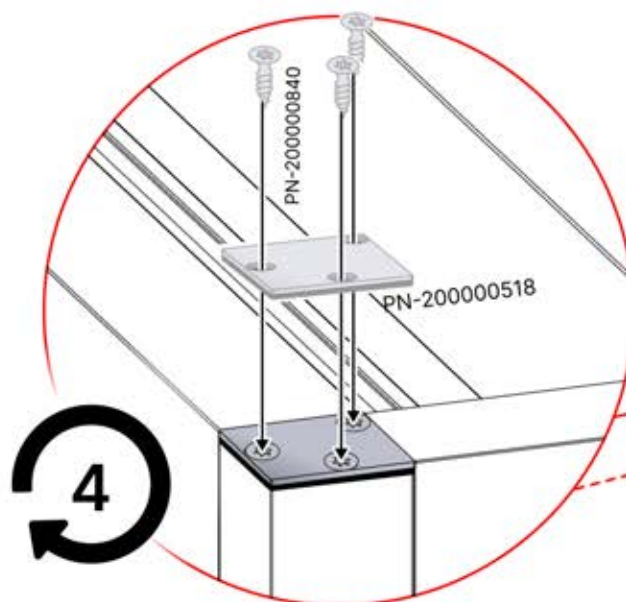
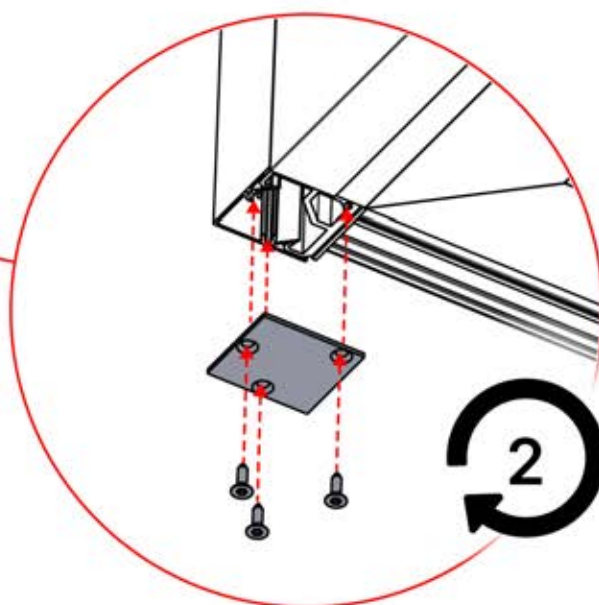
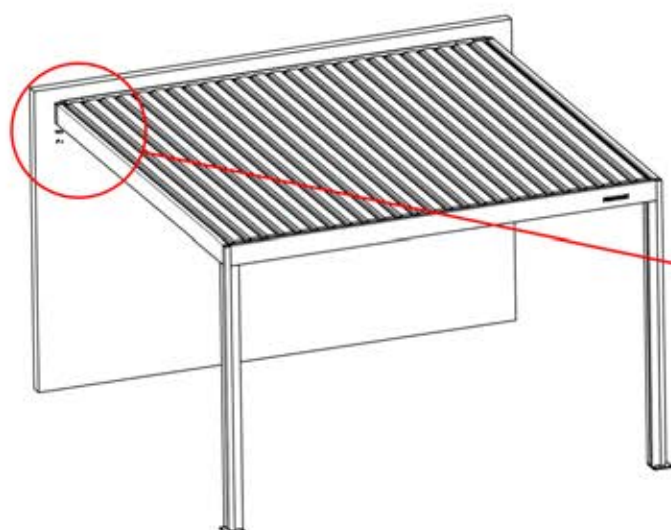
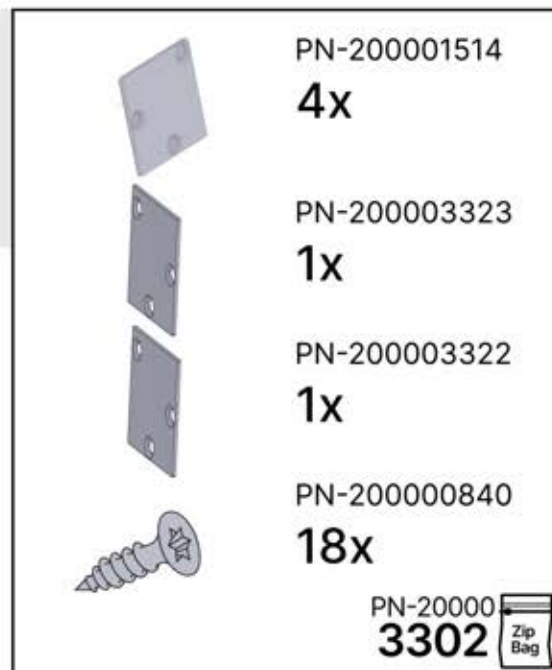
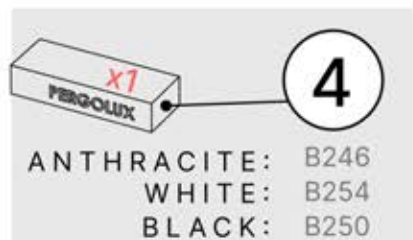
- ANTHRACITE: C120
- WHITE: C122
- BLACK: C121

 $2x$ $2x$

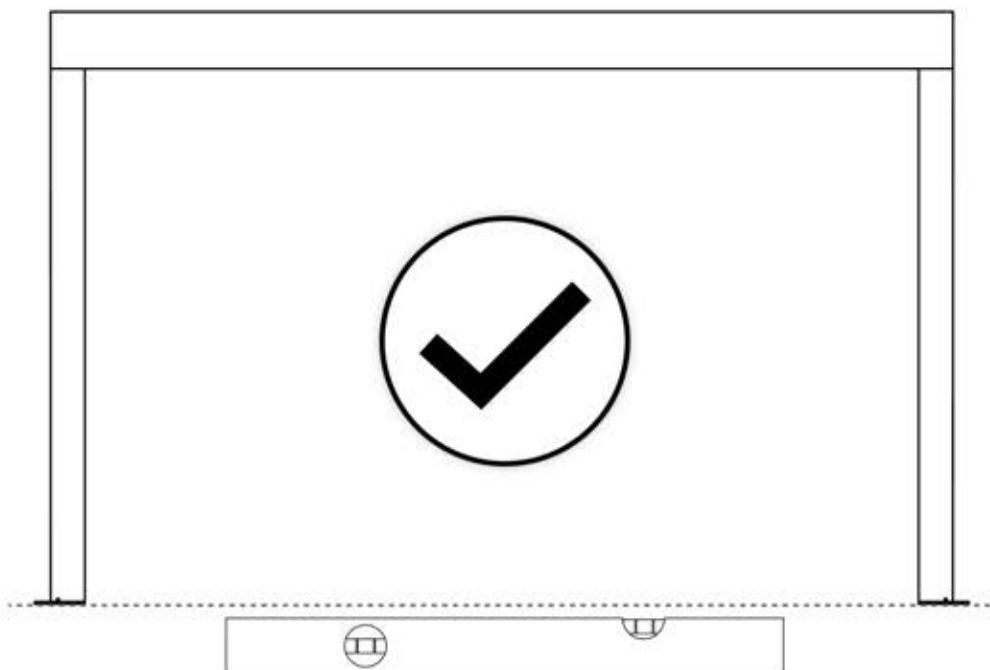
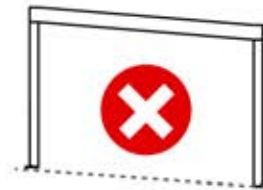
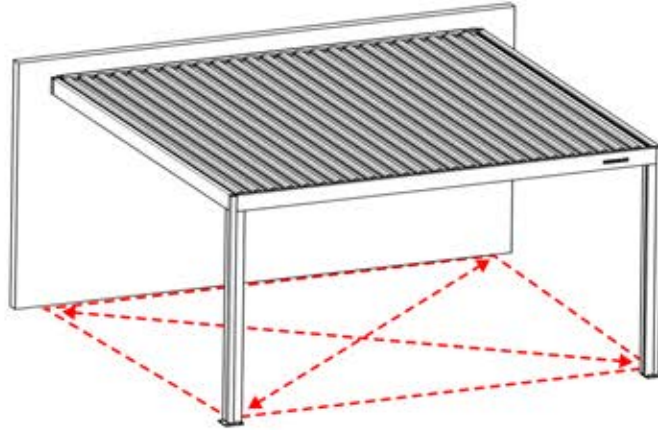
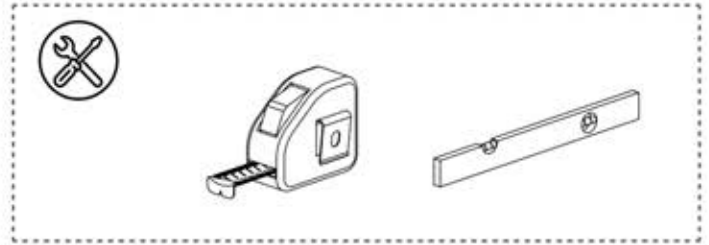
PN-20000
3309 



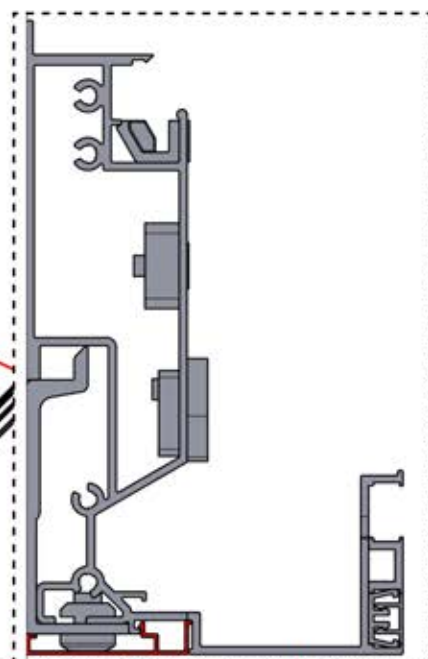
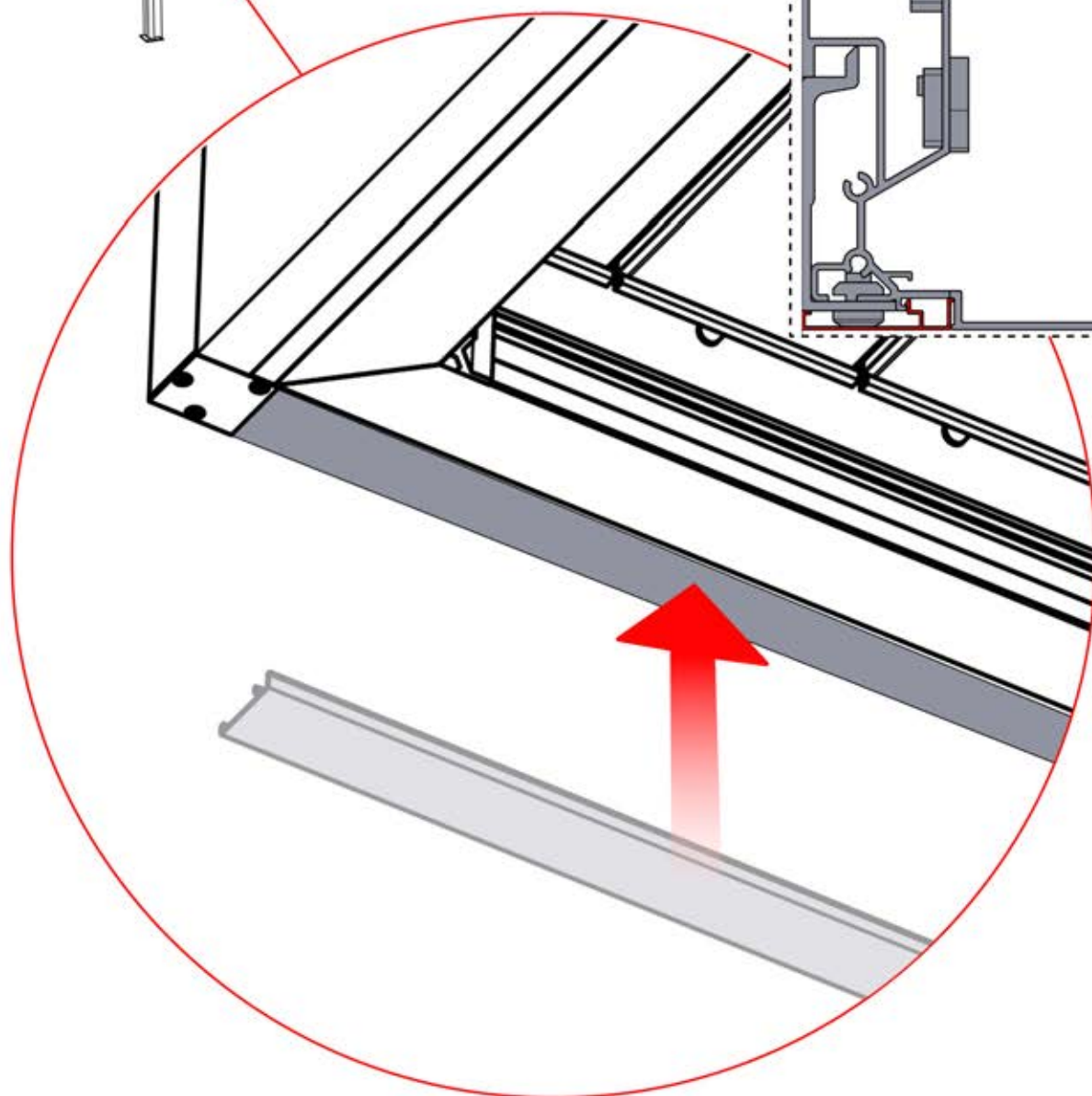
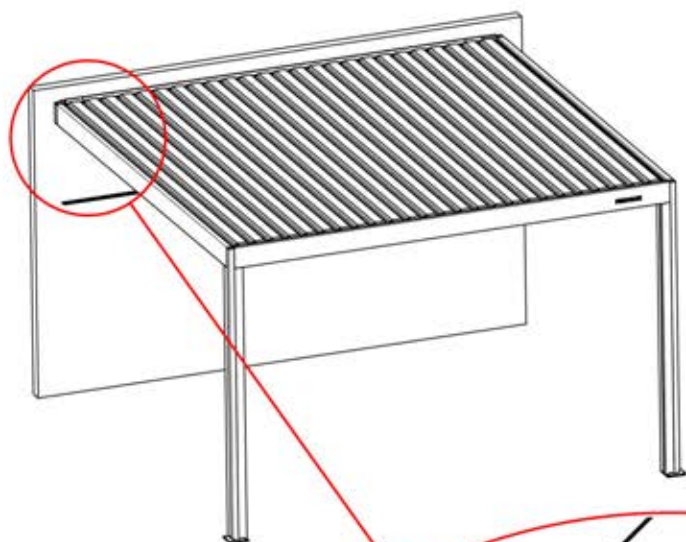
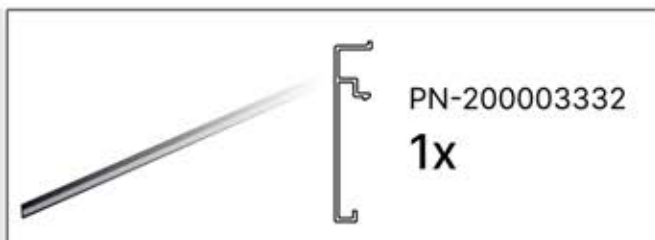
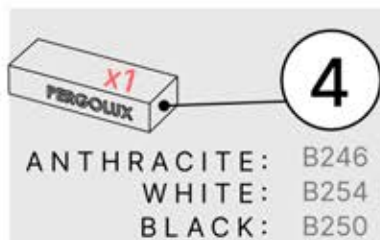
61



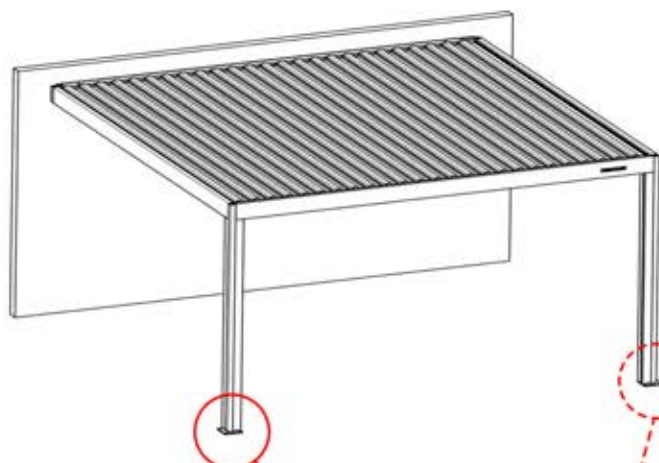
62



63



64



Use on
concrete

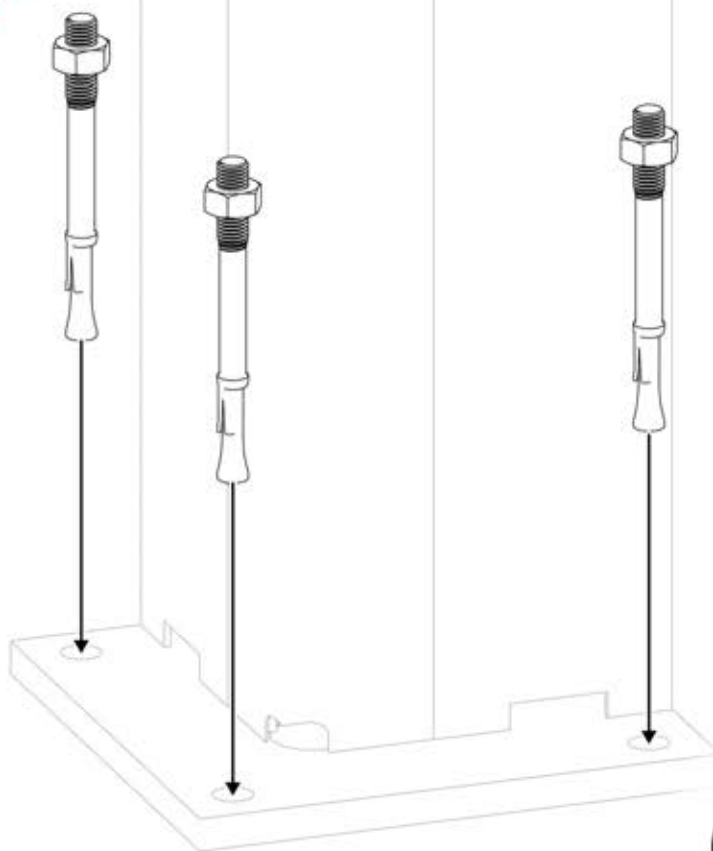


x12

Use on
wood

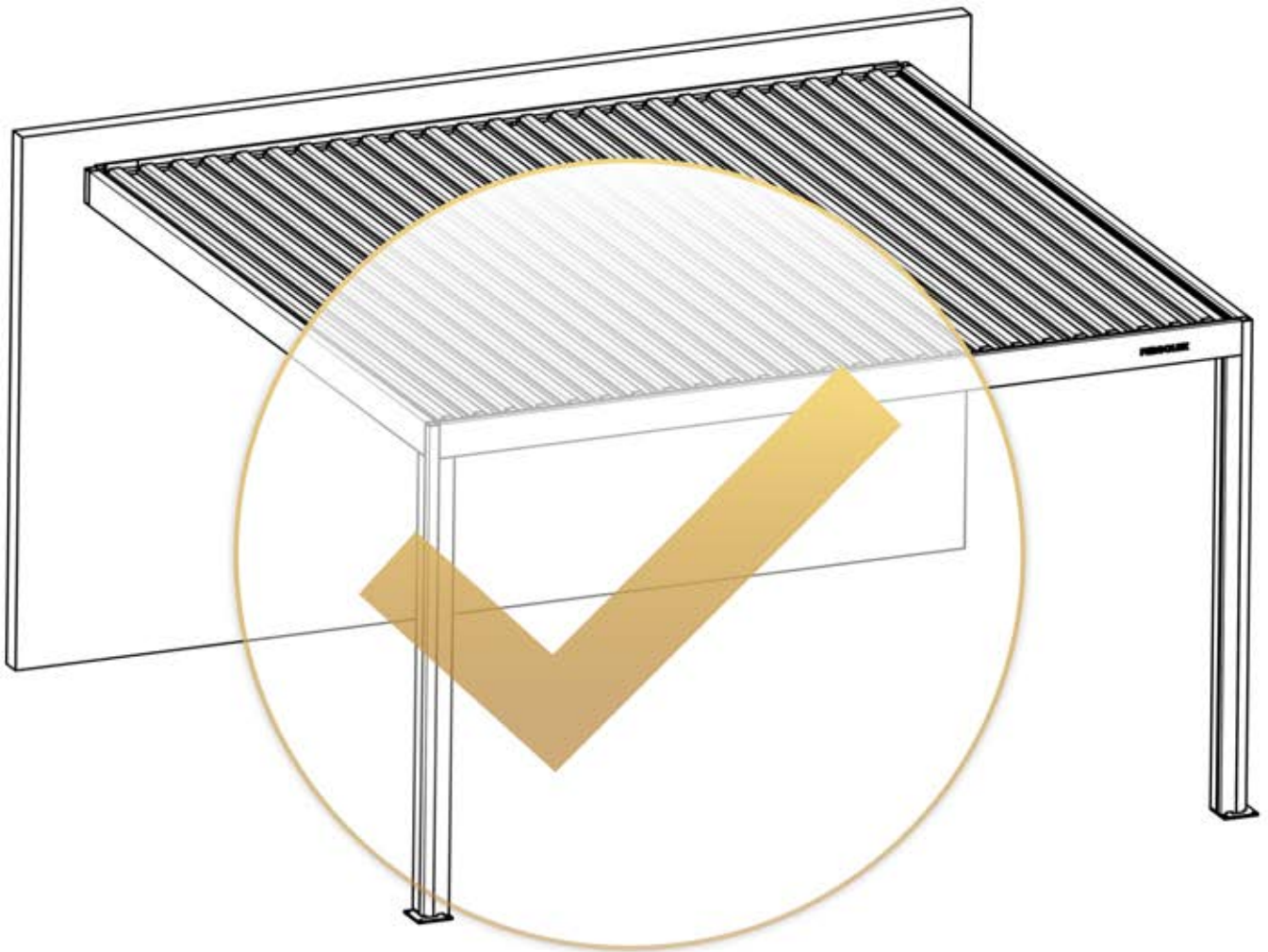


x12



PERGOLUX | PERGOLA PRO+ WALLMOUNTED S4

3X5M / 10'X16'



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678

