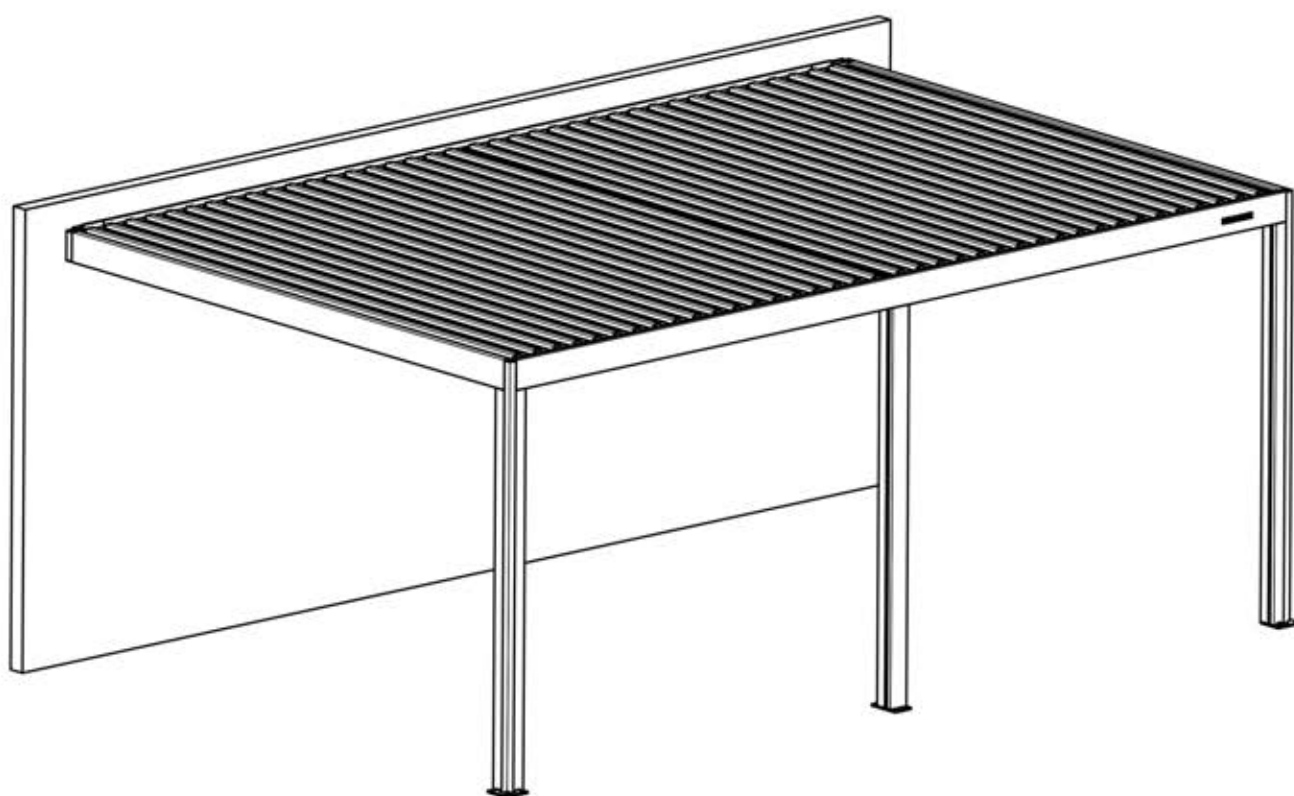


PERGOLA

PRO+



3×6m/10'x19'
WALL MOUNTED

PERGOLUX



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678



INFORMATION



INSTALLATION INSTRUCTIONS:

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

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

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

Use the correct lifting and installation equipment.

SAFETY WARNINGS:

Keep children and pets away during installation.

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

Ensure the structure is securely anchored to prevent accidents.

Do not insert fingers or any objects between the louvres.

MAINTENANCE:

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

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

Check anchor points periodically to ensure stability.



INSTALLATIONSANLEITUNG:

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

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

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

Verwenden Sie die richtige Hebe- und Installationsausrüstung.

SICHERHEITSHINWEISE:

Halten Sie Kinder und Haustiere während der Installation fern.

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

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

Stecken Sie keine Finger oder andere Gegenstände zwischen die Lamellen.

WARTUNG:

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

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

Überprüfen Sie die Ankerpunkte regelmäßig, um die Stabilität sicherzustellen.



Pergolux GmbH, 9 Goethestraße,
36043 Fulda,
Germany

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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

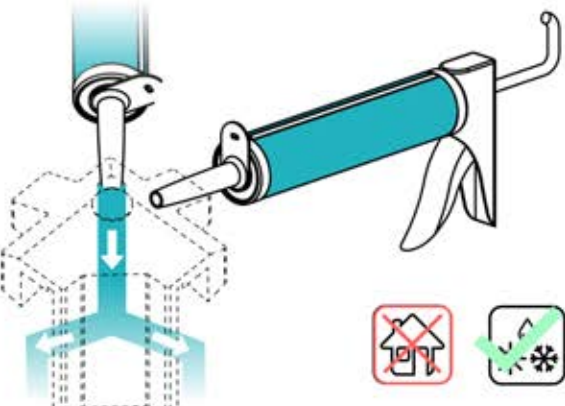


Turn around

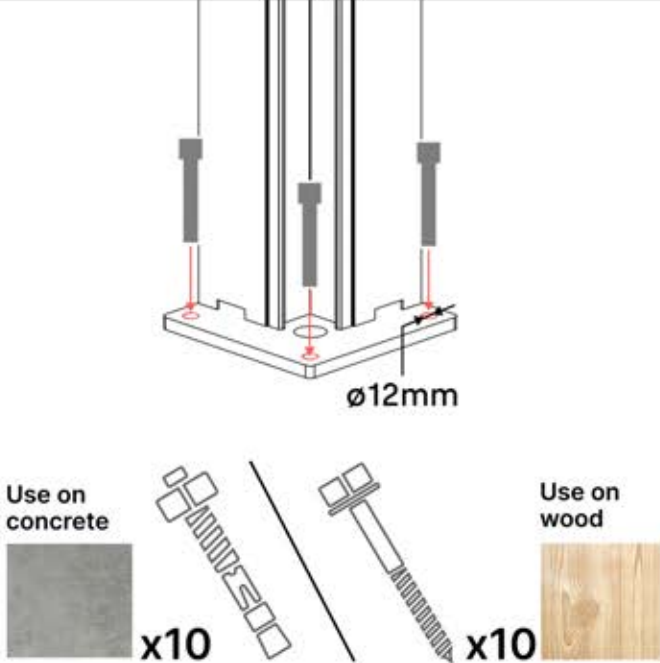


Discard

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

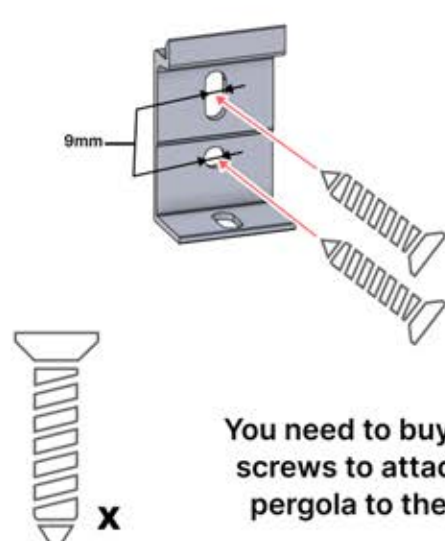
Use on wood

$\text{Ø}12\text{mm}$

x10

x10

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



9mm

x

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



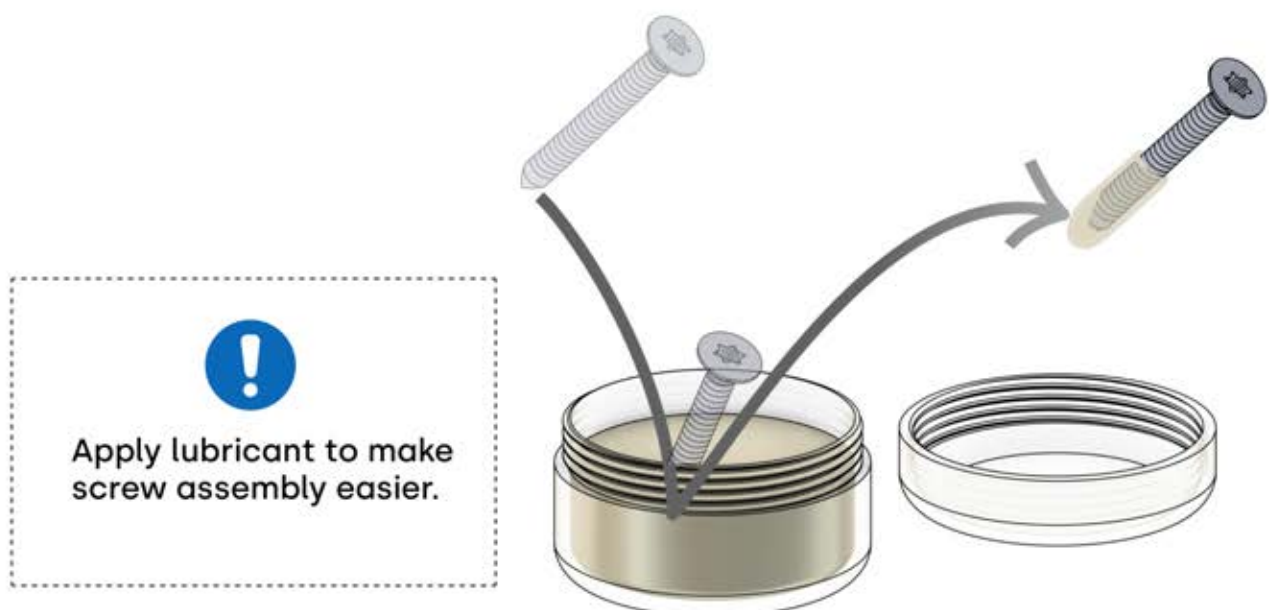
SHOP

PERGOLUX

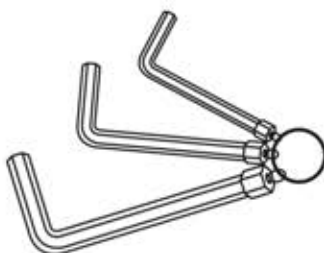
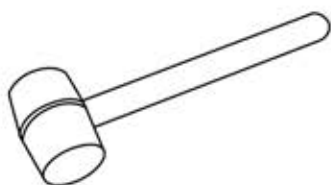
INFORMATION

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

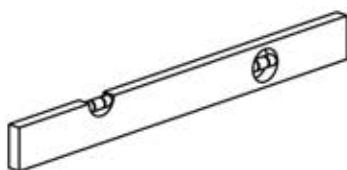
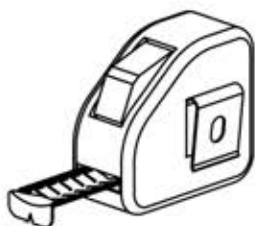
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION



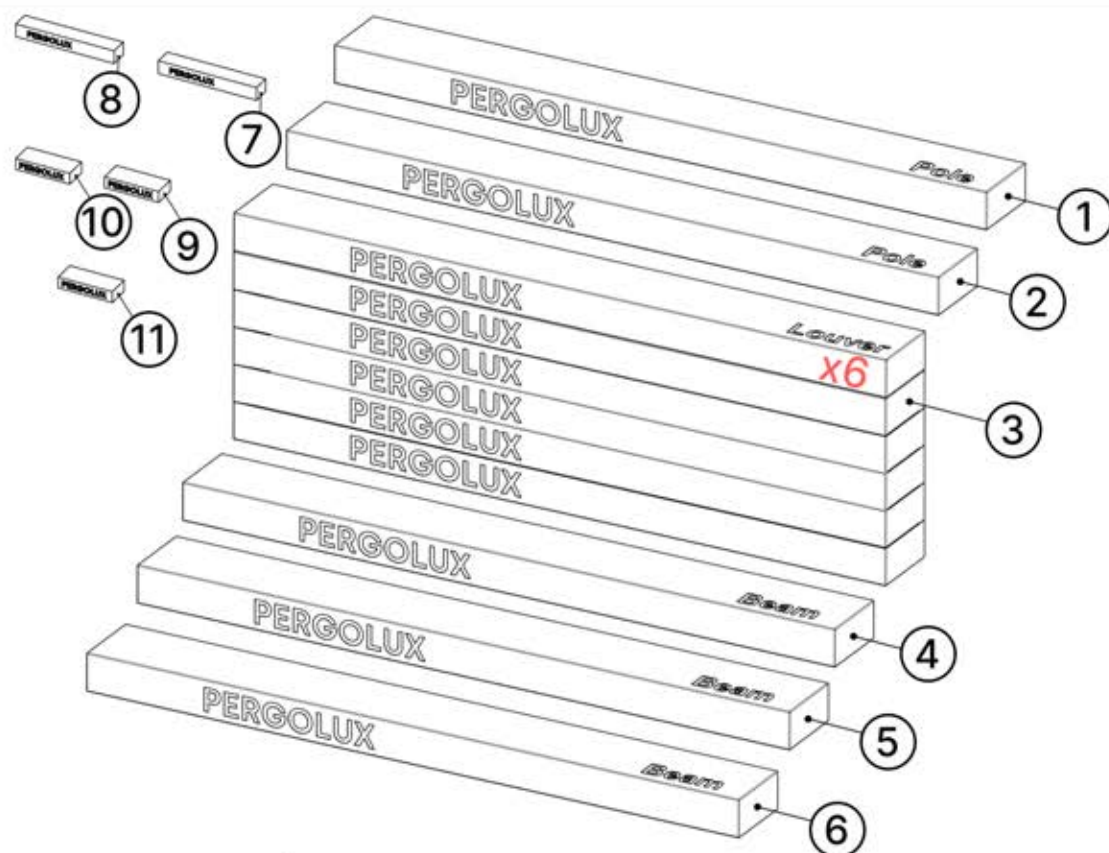
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

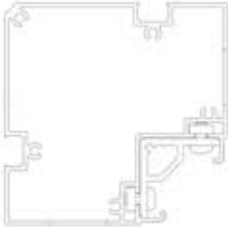


PACKAGE OVERVIEW

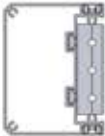
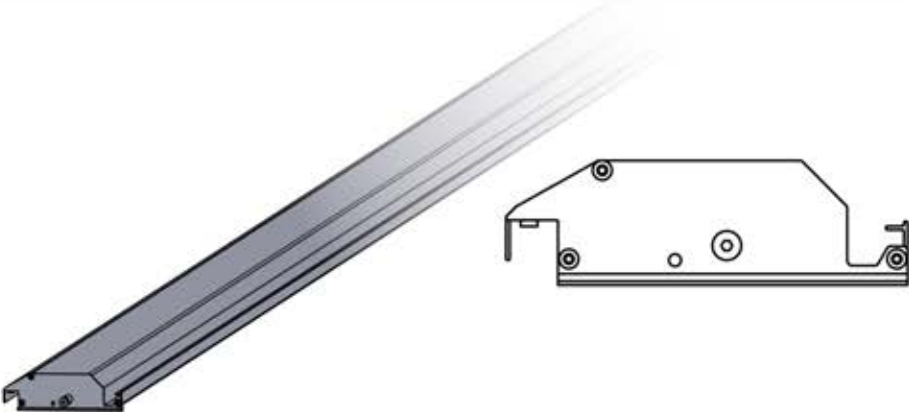


ORDER	ANTHRACITE	WHITE	BLACK
①	C120	C122	C121
②	C123	C125	C124
③	L221	L225	L223
④	B247	B255	B251
⑤	B262	B266	B264
⑥	B274	B278	B276
⑦	MOTOR		
⑧	WHITE / RGB LED		
⑨	CONTOL BOX		
⑩	POWER CABLE		
⑪	SCREW KIT PN-200004209		

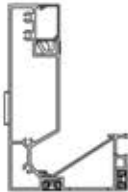
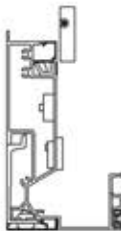
ITEMS IN BOX

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

ITEMS IN BOX

			
2			
	ANTHRACITE	WHITE	BLACK
	C123	C125	C124
			
		PN-200002782	1x
		PN-200002783	1x
		PN-200002785	1x
			
3			
	ANTHRACITE	WHITE	BLACK
	L221	L225	L223
			
		PN-200002879	36x

ITEMS IN BOX

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

ITEMS IN BOX

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

ITEMS IN BOX



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



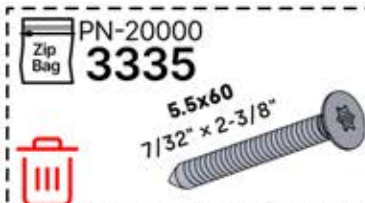
ANTHRACITE WHITE BLACK

4

B247

B255

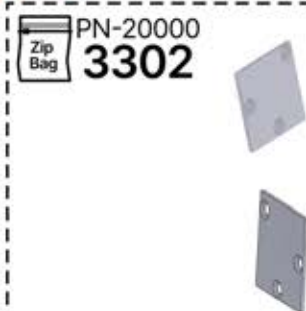
B251



PN-200000560
14x



PN-200000826
2x



PN-200001514
4x

PN-200003323
1x



PN-200003322
1x

PN-200000840
18x



PN-200003033
2x

PN-200003030
1x



PN-200003031
1x

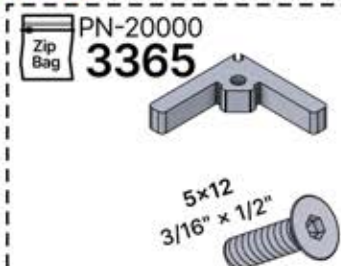
PN-200001207
2x



PN-200000568
32x



PN-200003385
1x



PN-200000507
4x

PN-200000569
8x



PN-200000568
2x

PN-200000516
2x

ITEMS IN BOX



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



ANTHRACITE

WHITE

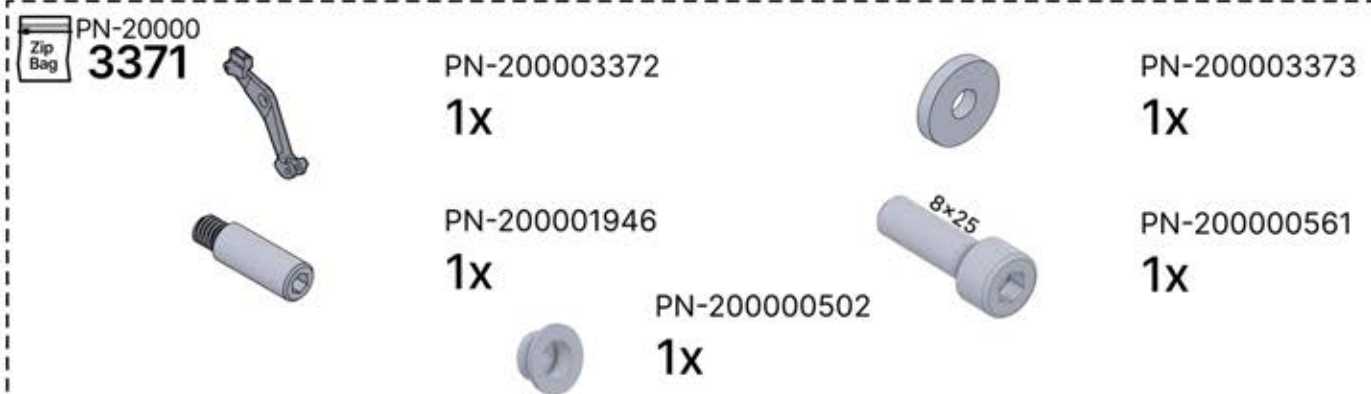
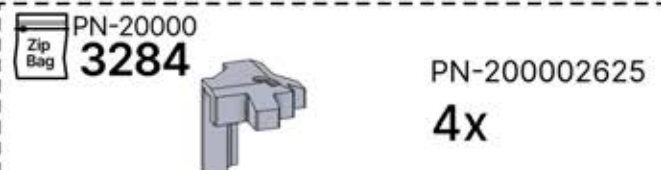
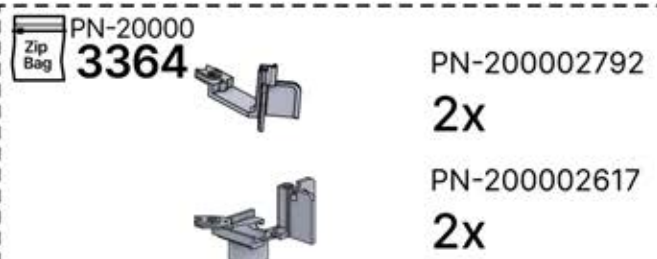
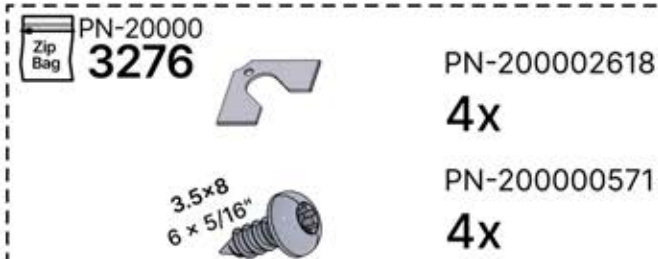
BLACK

4

B247

B255

B251



ITEMS IN BOX



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



ANTHRACITE

WHITE

BLACK

4

B247

B255

B251



PN-20000

3307



PN-200000510

5x



PN-200000669

5x



PN-200000655

5x



PN-20000

3414



PN-200000731

2x



PN-200000732

2x



PN-200000668

4x



PN-200000415

8x



PN-20000

3602



PN-200000826

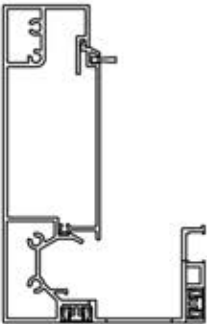
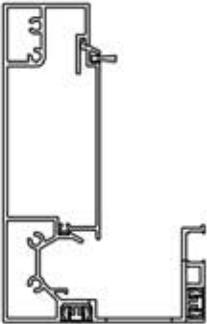
3x



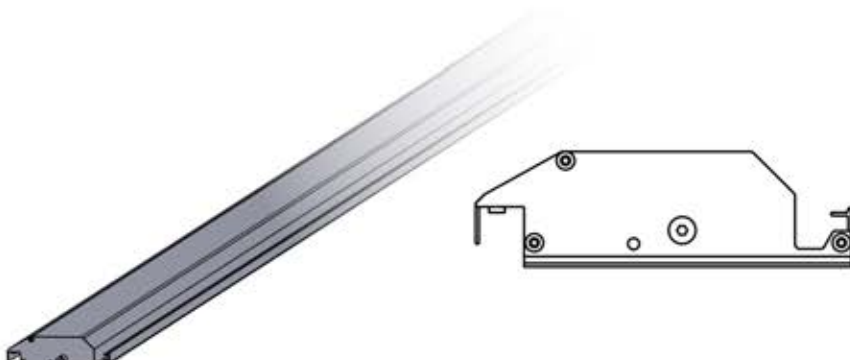
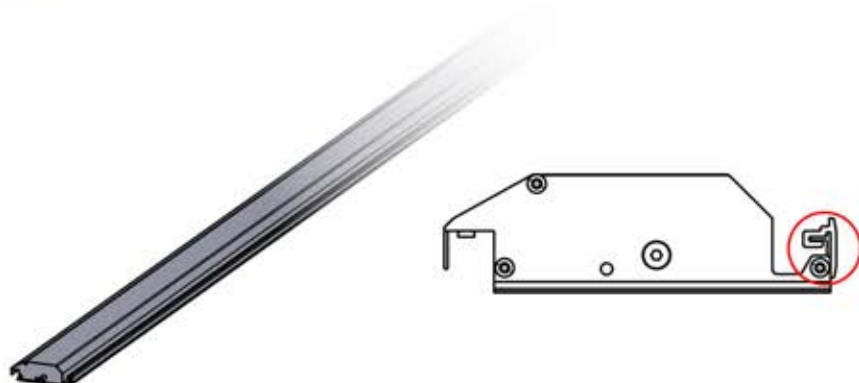
PN-200001340

1x

ITEMS IN BOX

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

ITEMS IN BOX

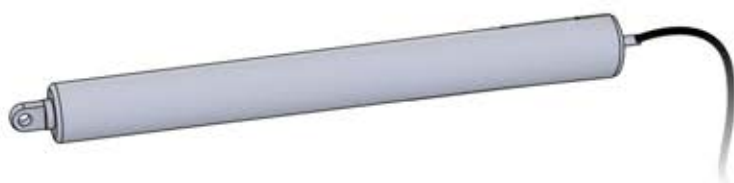
	ANTHRACITE	WHITE	BLACK
	B274	B278	B276
	PN-200003415 1x		
	PN-200002879 1x		
	PN-200002957 1x		

ITEMS IN BOX



7

ELECTRIC MOTOR



Electric motor
PN-200001562
1x



PN-200001623
1x



PN-200001624
1x



PN-200001625
2x



8

WHITE / RGB LED



LED light strip
4x



Y cable
1x

ITEMS IN BOX



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



9

CONTROL BOX



Control box

1x



Matter antenna clip

1x



PN-200002684

10x



PN-200002683

5x



QR-code

1x



3M tape

1x



PN-200002756

1x



PN-200002754

1x



PN-200002758

1x



PN-200002753

2x



PN-200002759

2x



PN-200002757

1x

ITEMS IN BOX



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



10

POWER CABLE



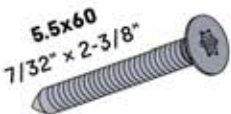
PN-200003781

1x



11

**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.

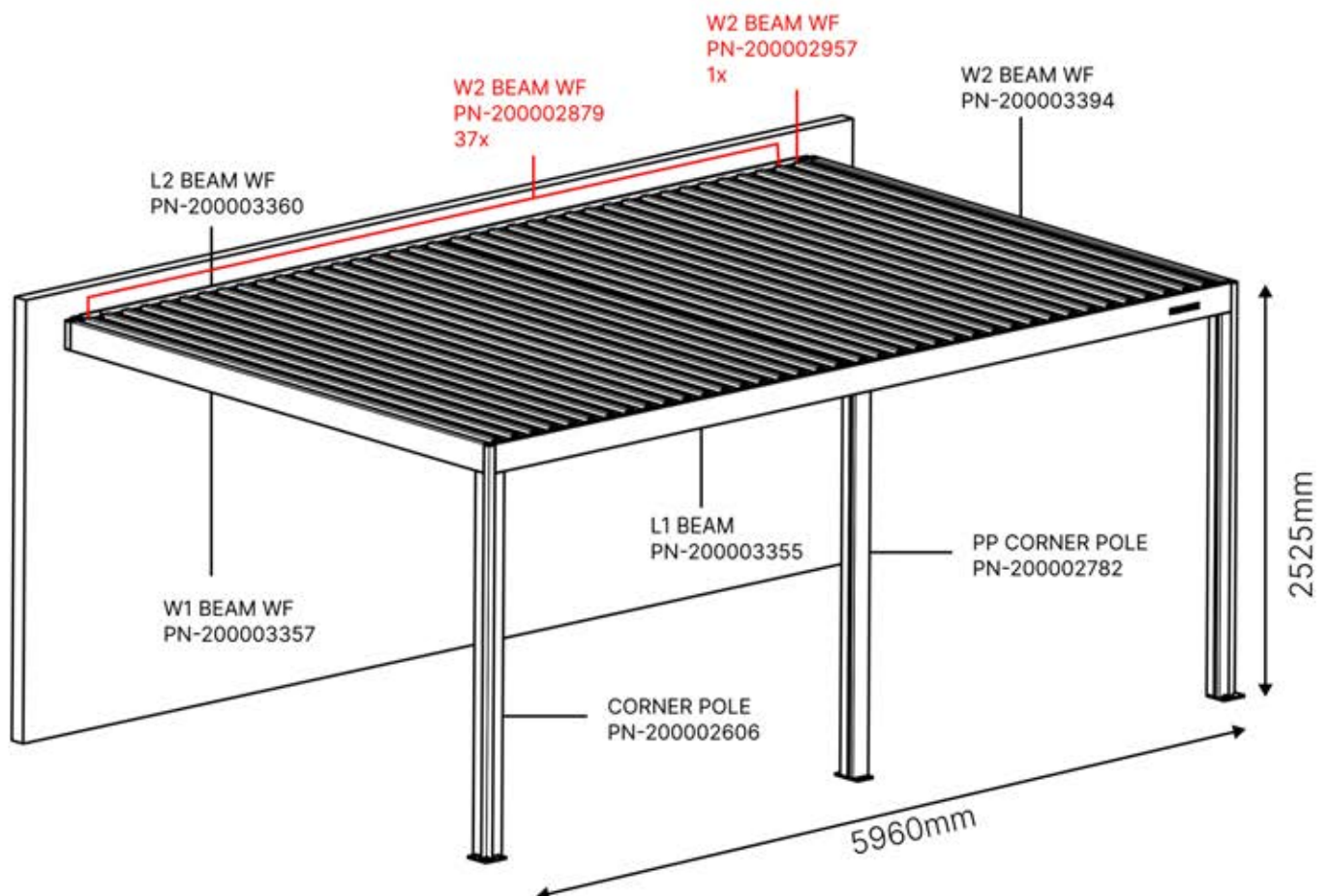
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



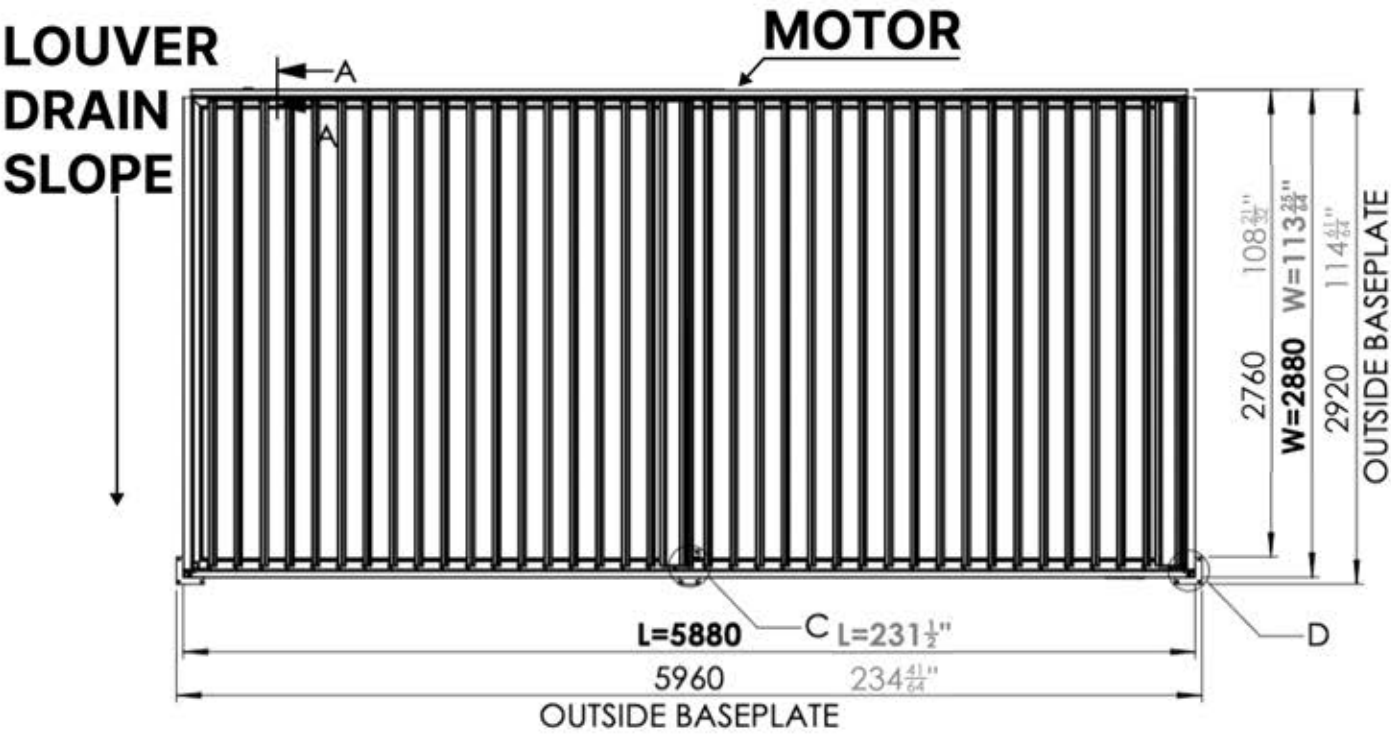
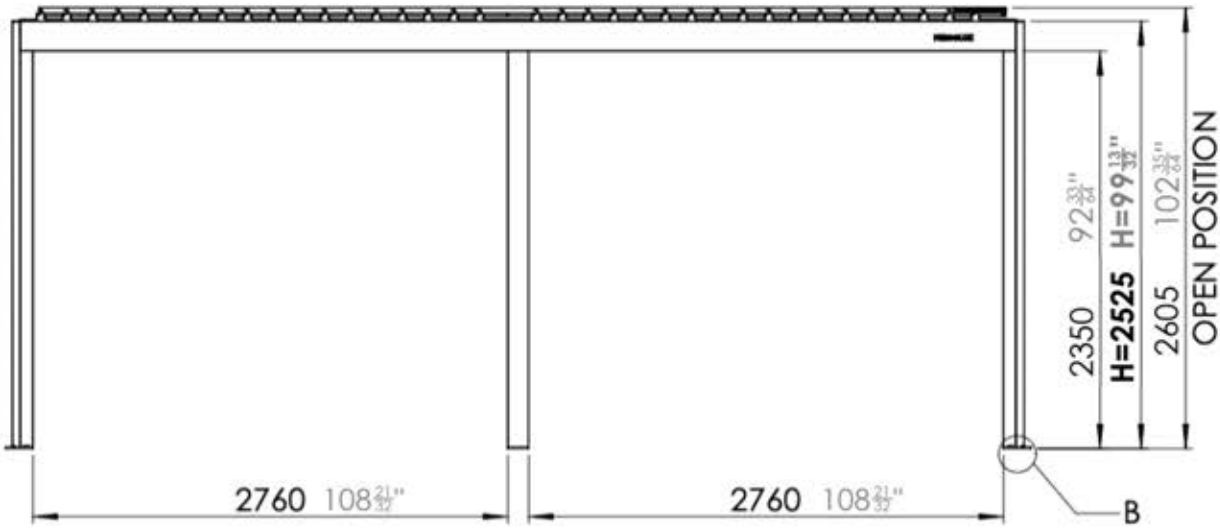
CONTROL BOX

[View Manual](#)

3 × 6 M / 10' x 19'



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.

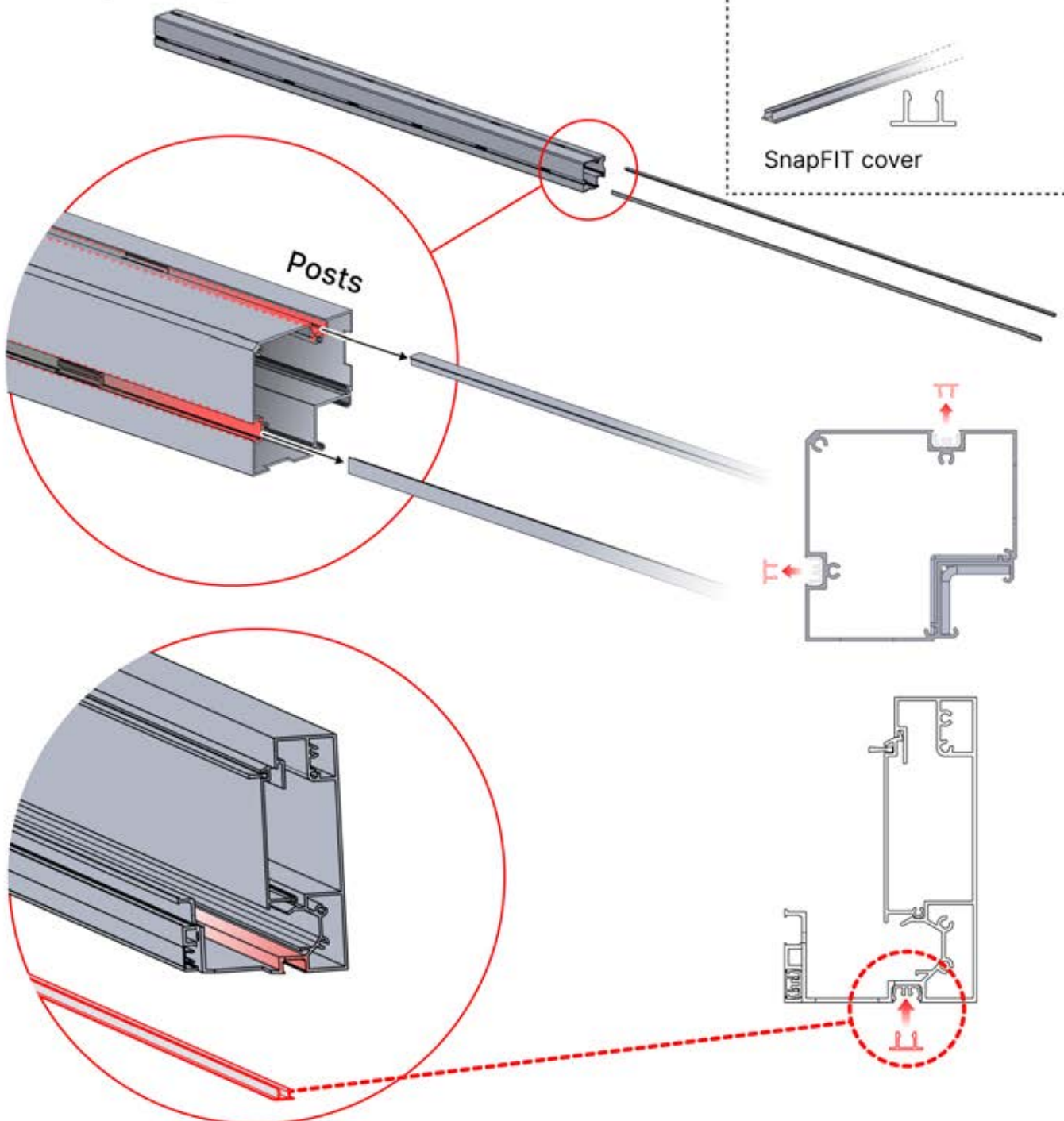
Cover and clips



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.

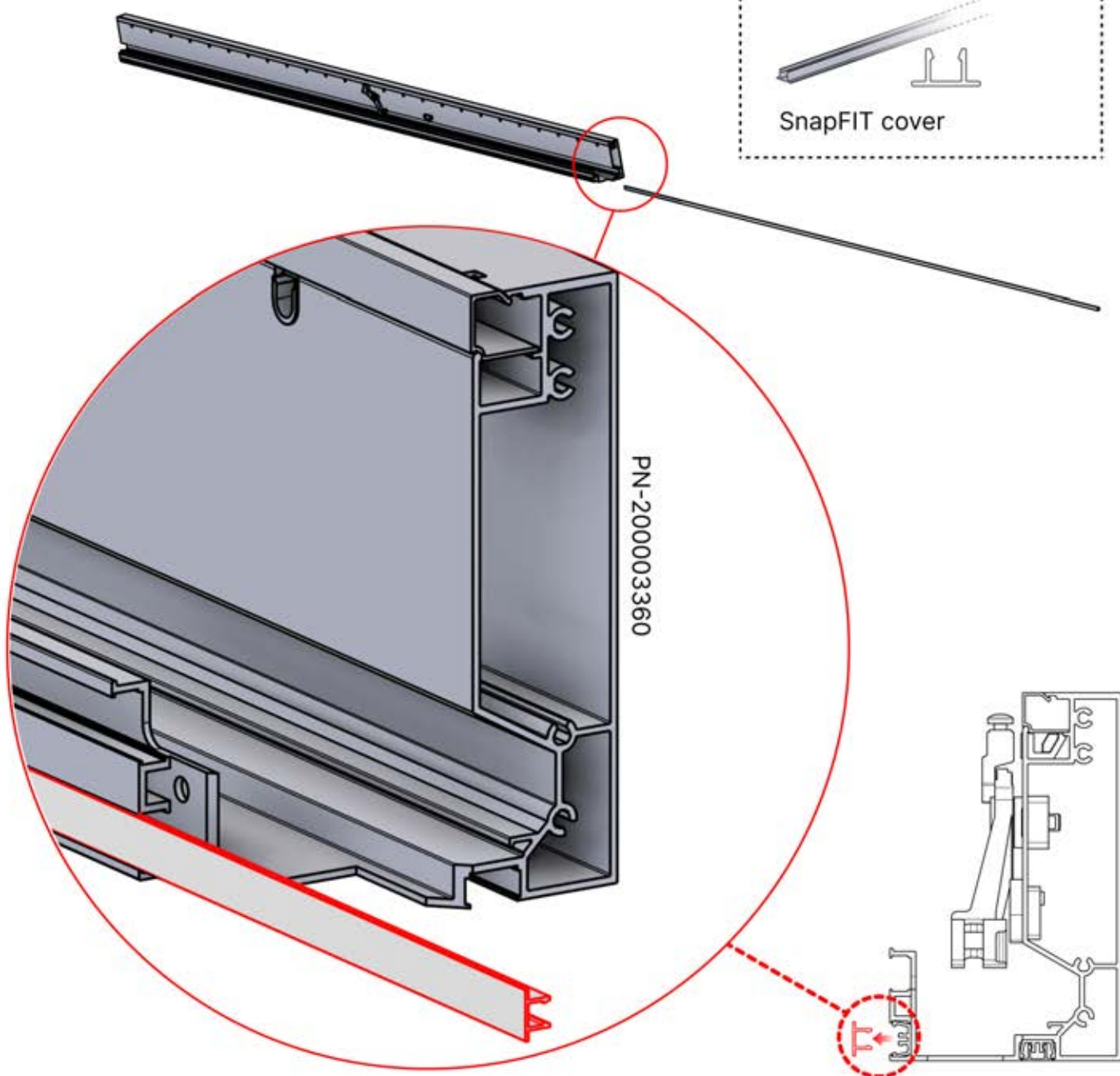
Cover and clips



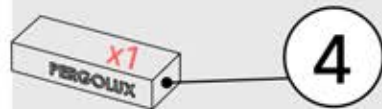
PN-200000512
SnapFIT COVER CLIP



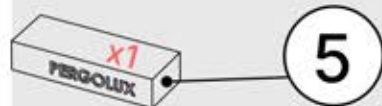
SnapFIT cover



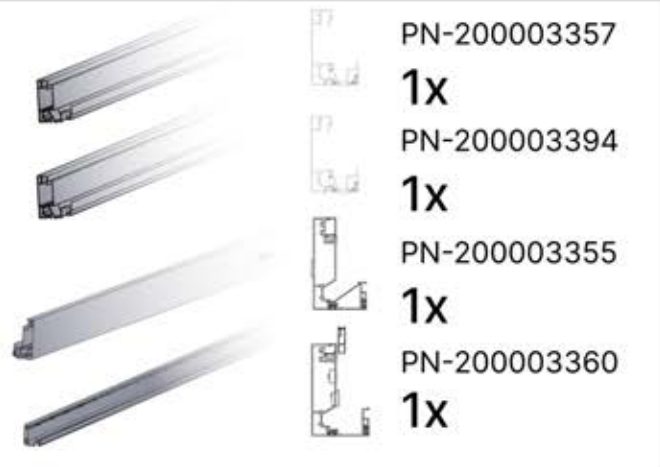
INFORMATION



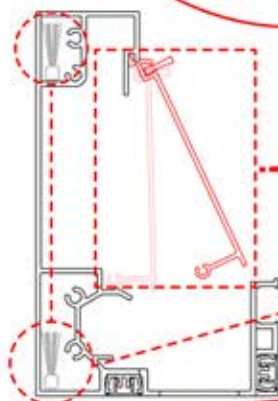
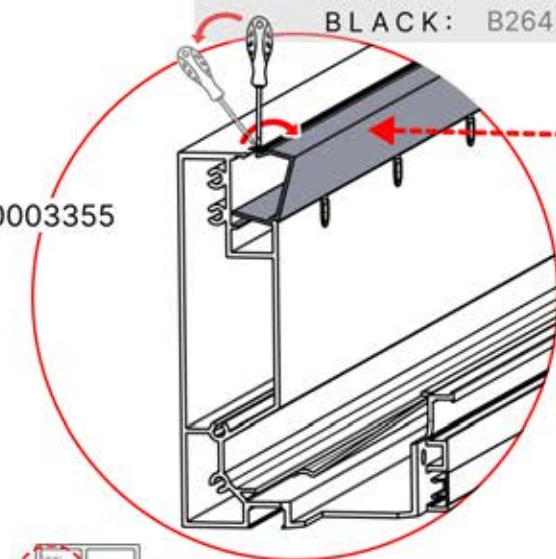
ANTHRACITE: B247
WHITE: B255
BLACK: B251



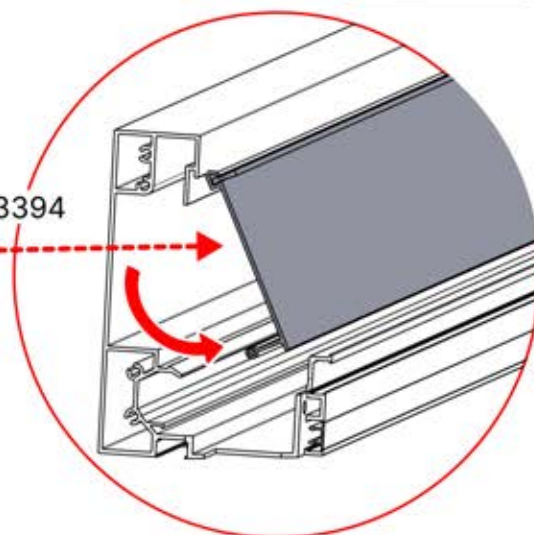
ANTHRACITE: B262
WHITE: B266
BLACK: B264



PN-200003355

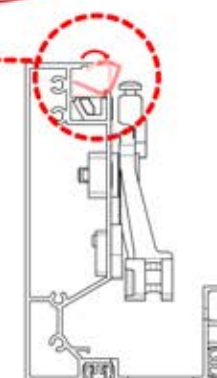


PN-200003394

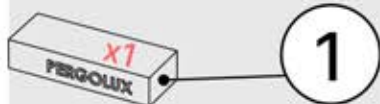


! Remove the brush from the beam and set it aside. It will be installed during a later step in the manual.

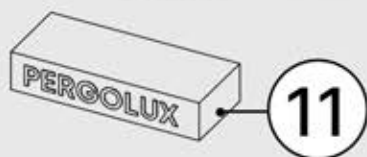
PN-200003360



01



ANTHRACITE: C120
WHITE: C122
BLACK: C121



SCREW KIT
PN-200004209



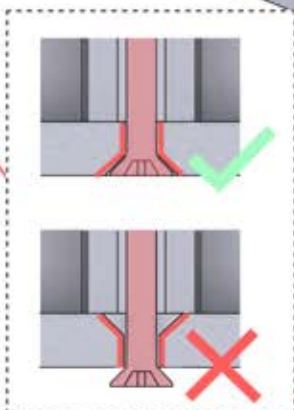
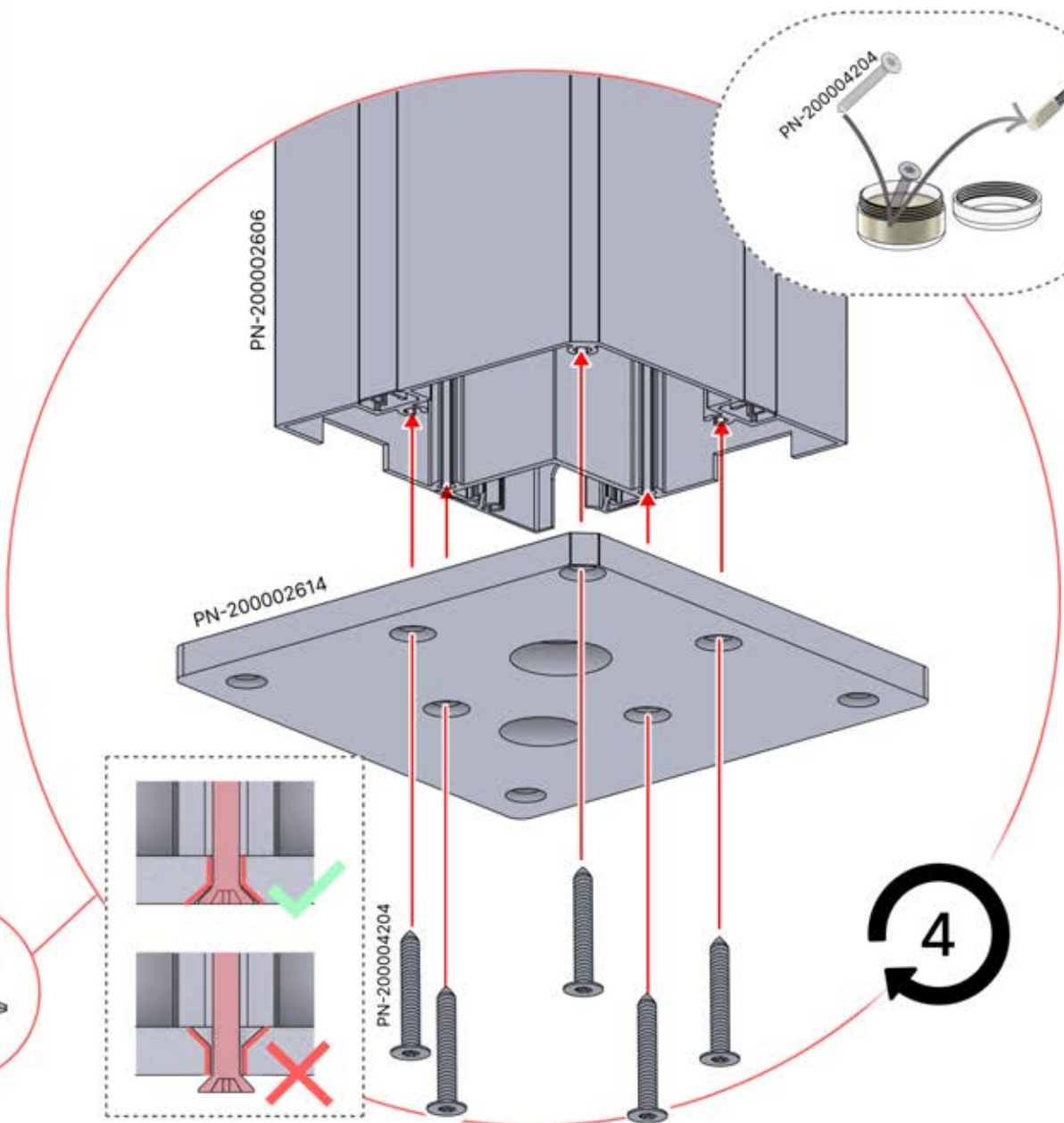
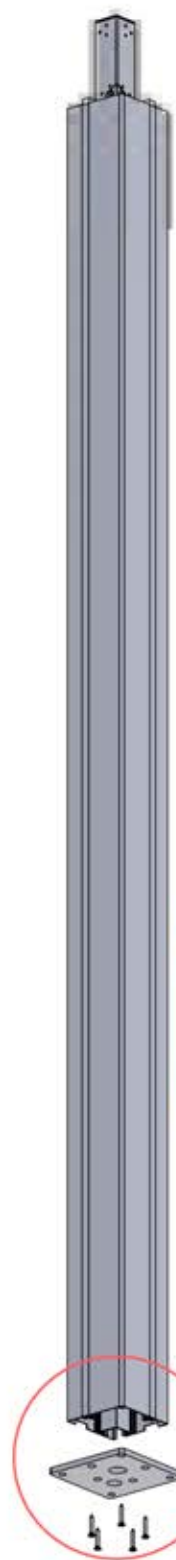
PN-200002606
2x



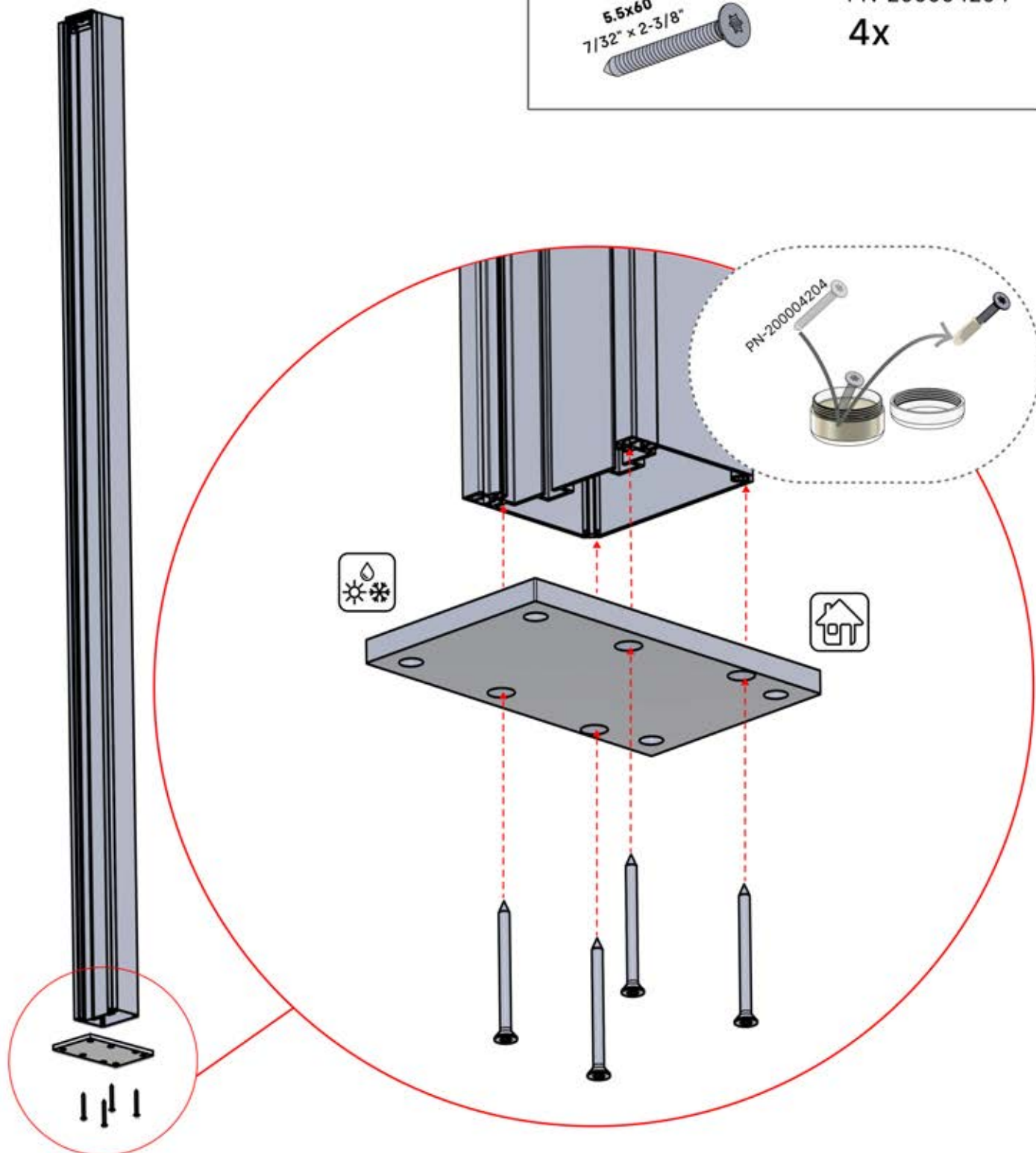
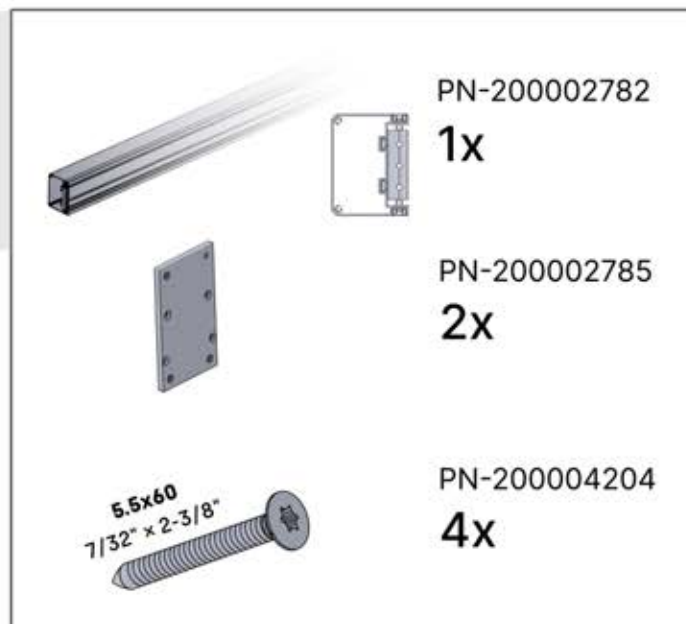
PN-200002614
2x



PN-200004204
10x



02



03



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200000510

6x

PN-20000
3307

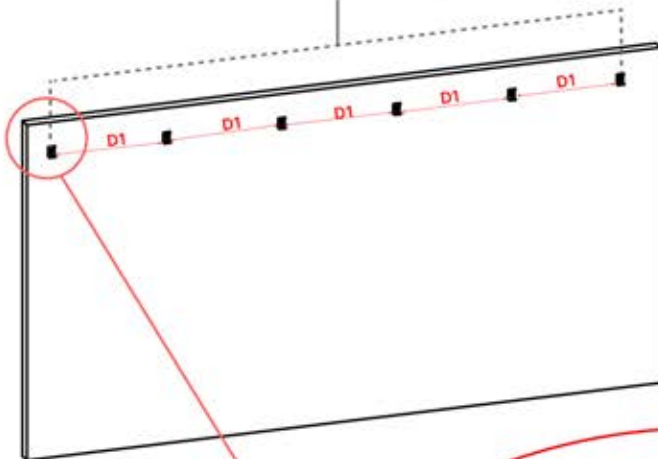


x12



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

5400 mm



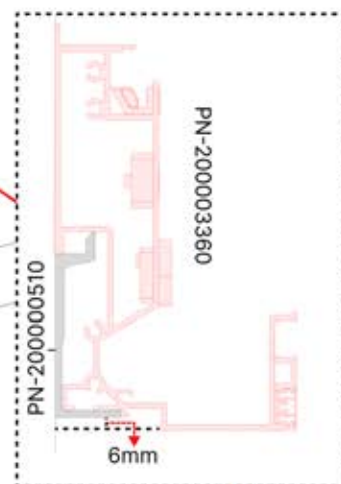
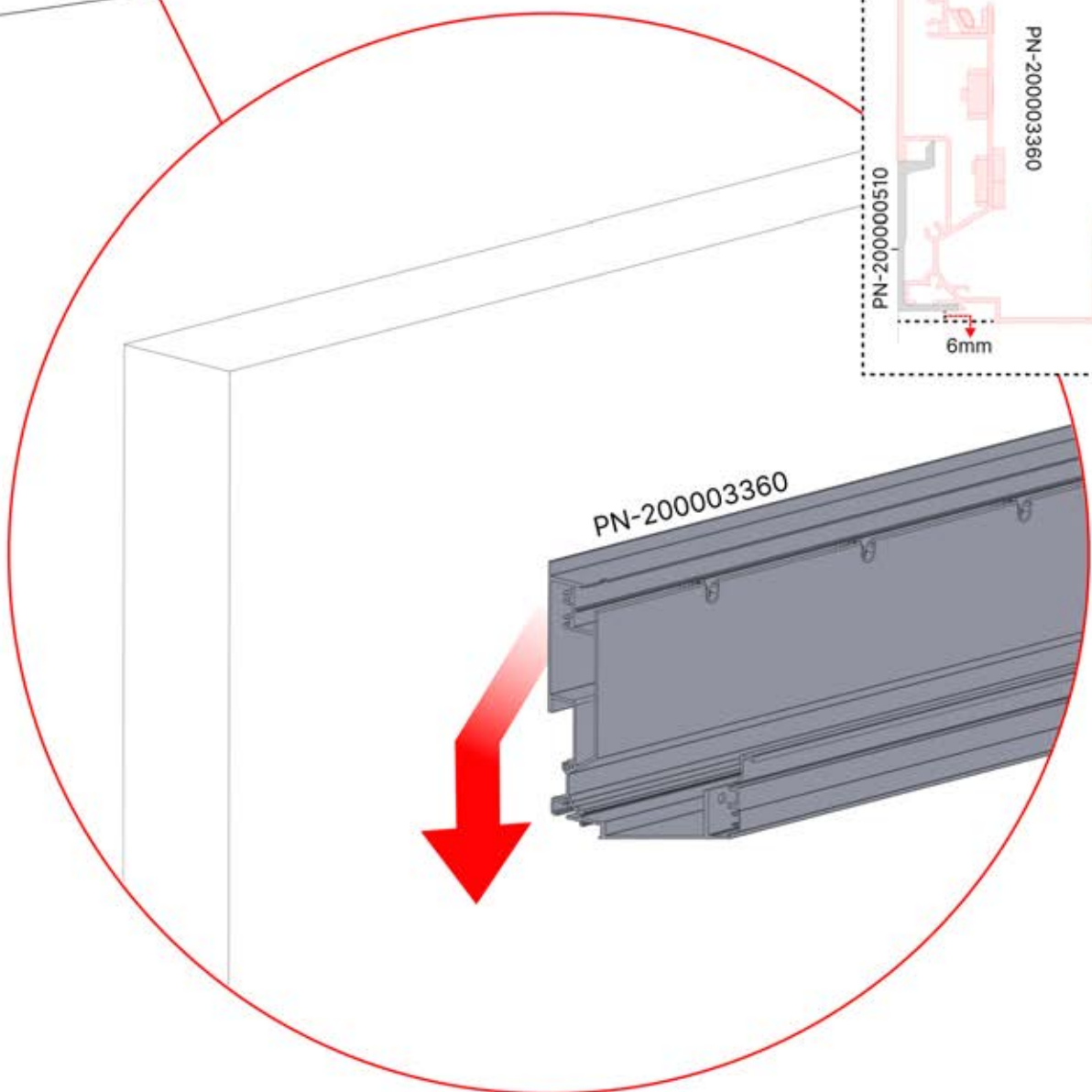
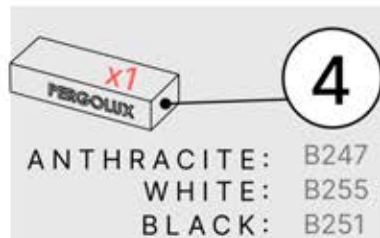
D1



2356 mm
92 3/4"



04



05



4

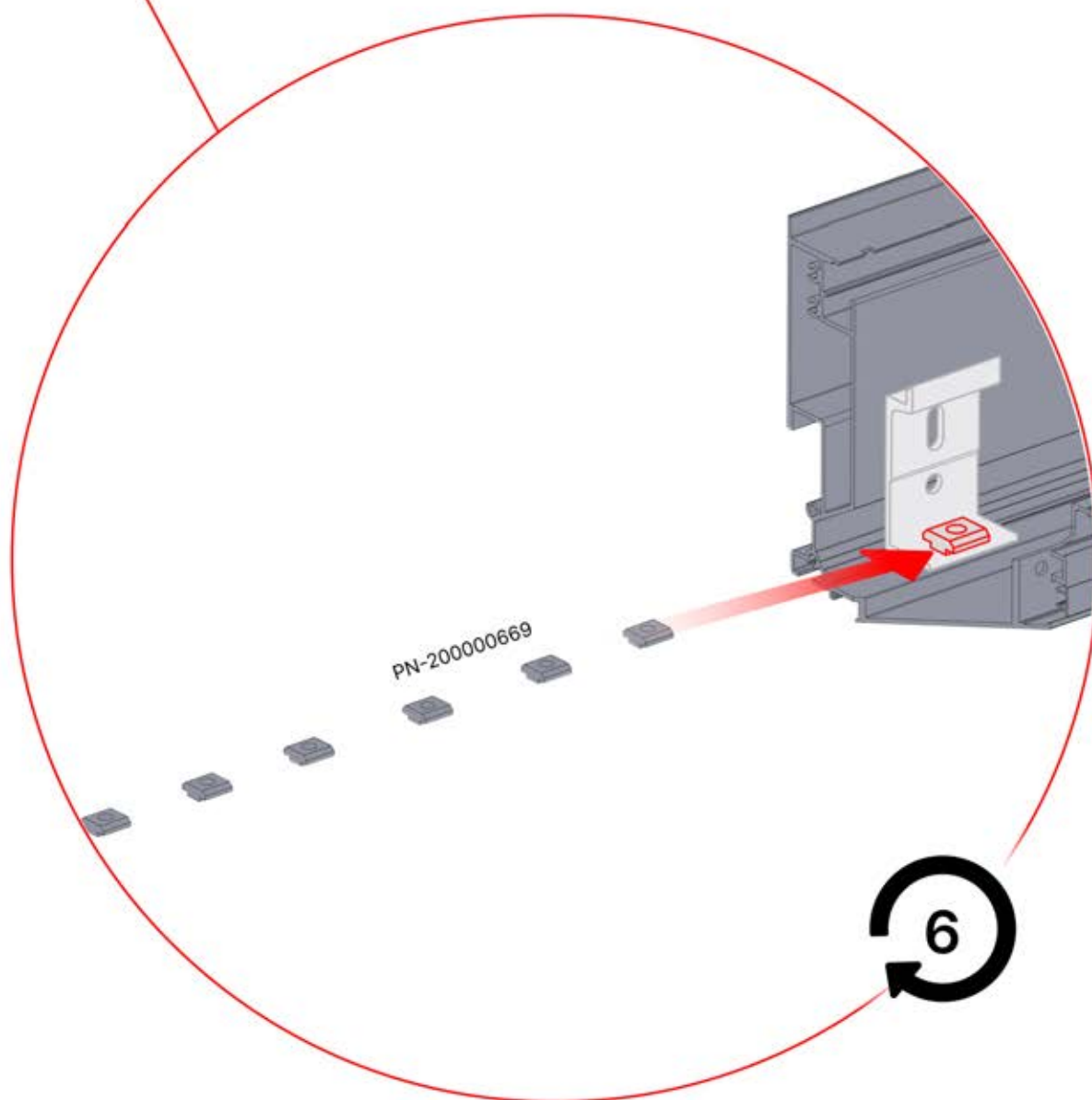
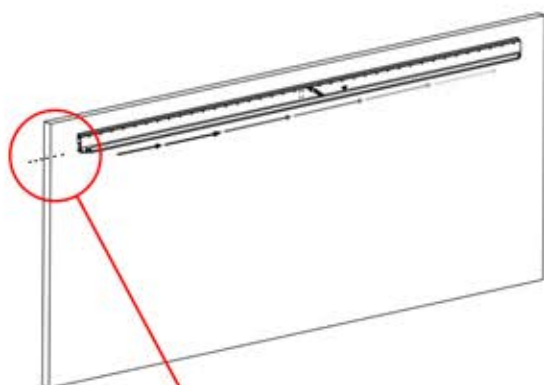
ANTHRACITE: B247
WHITE: B255
BLACK: B251



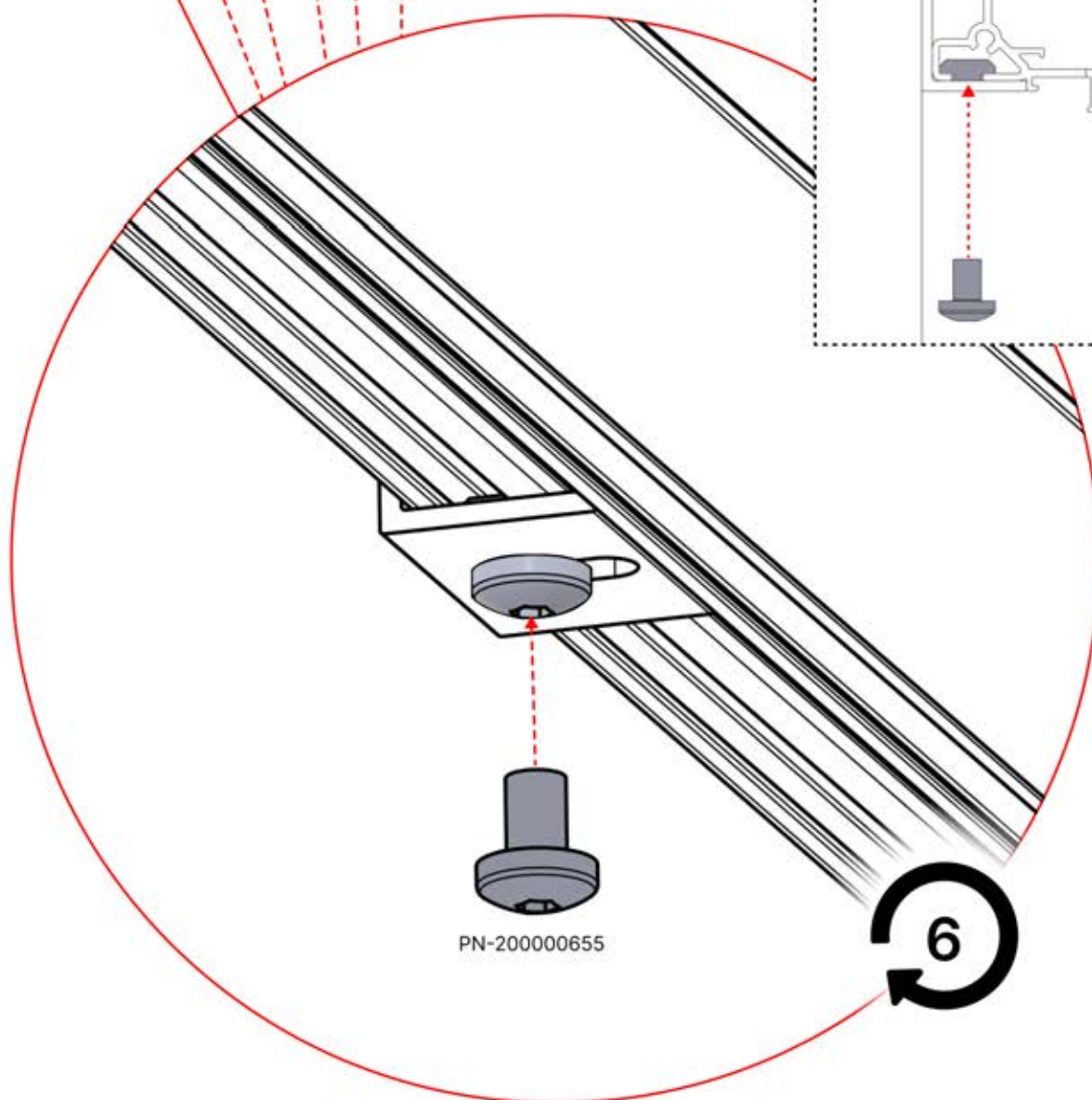
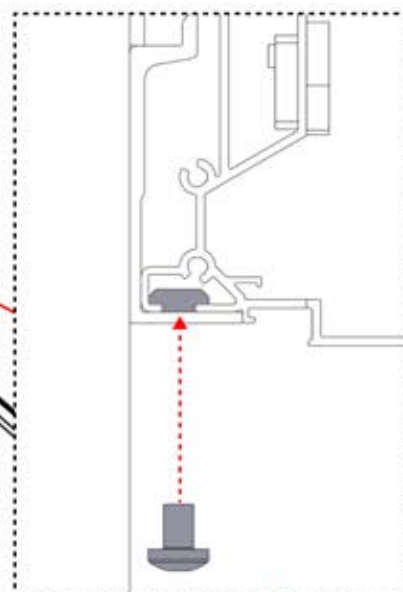
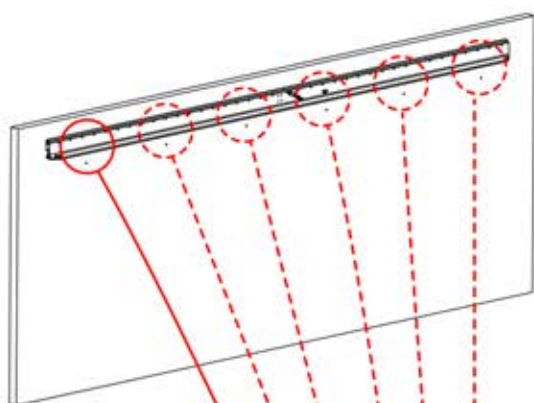
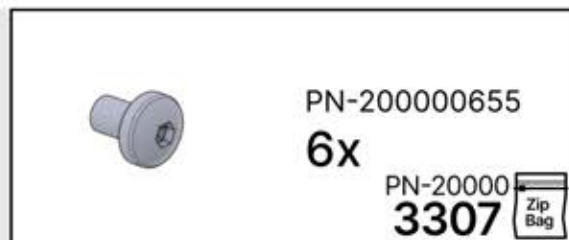
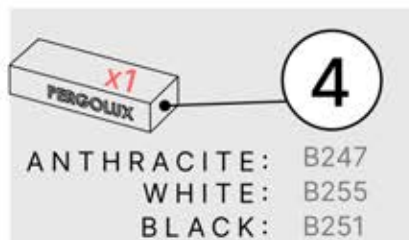
PN-200000669

6x

PN-20000
3307



06



PN-200000655

07



5

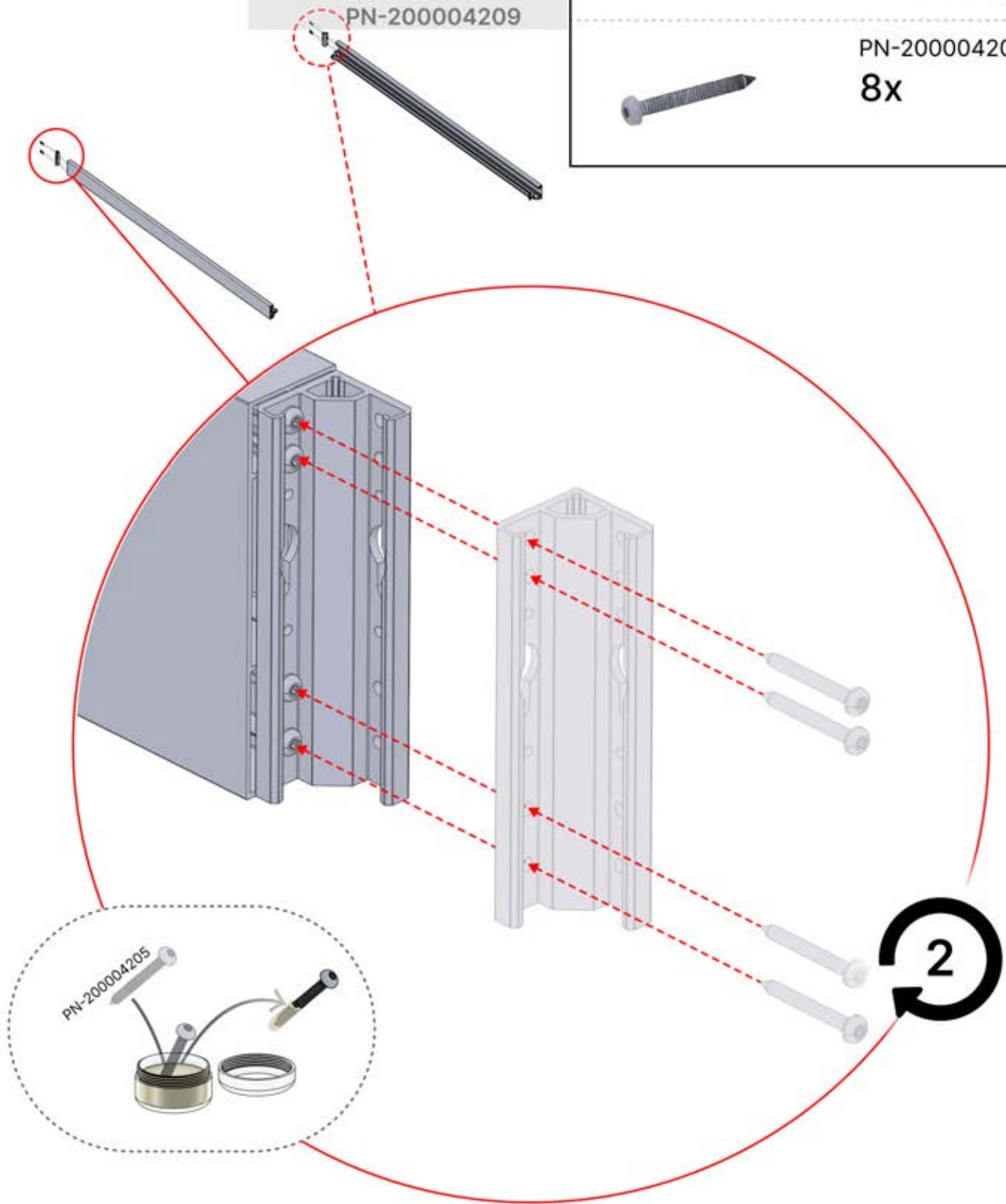
ANTHRACITE: B262
WHITE: B266
BLACK: B264



11

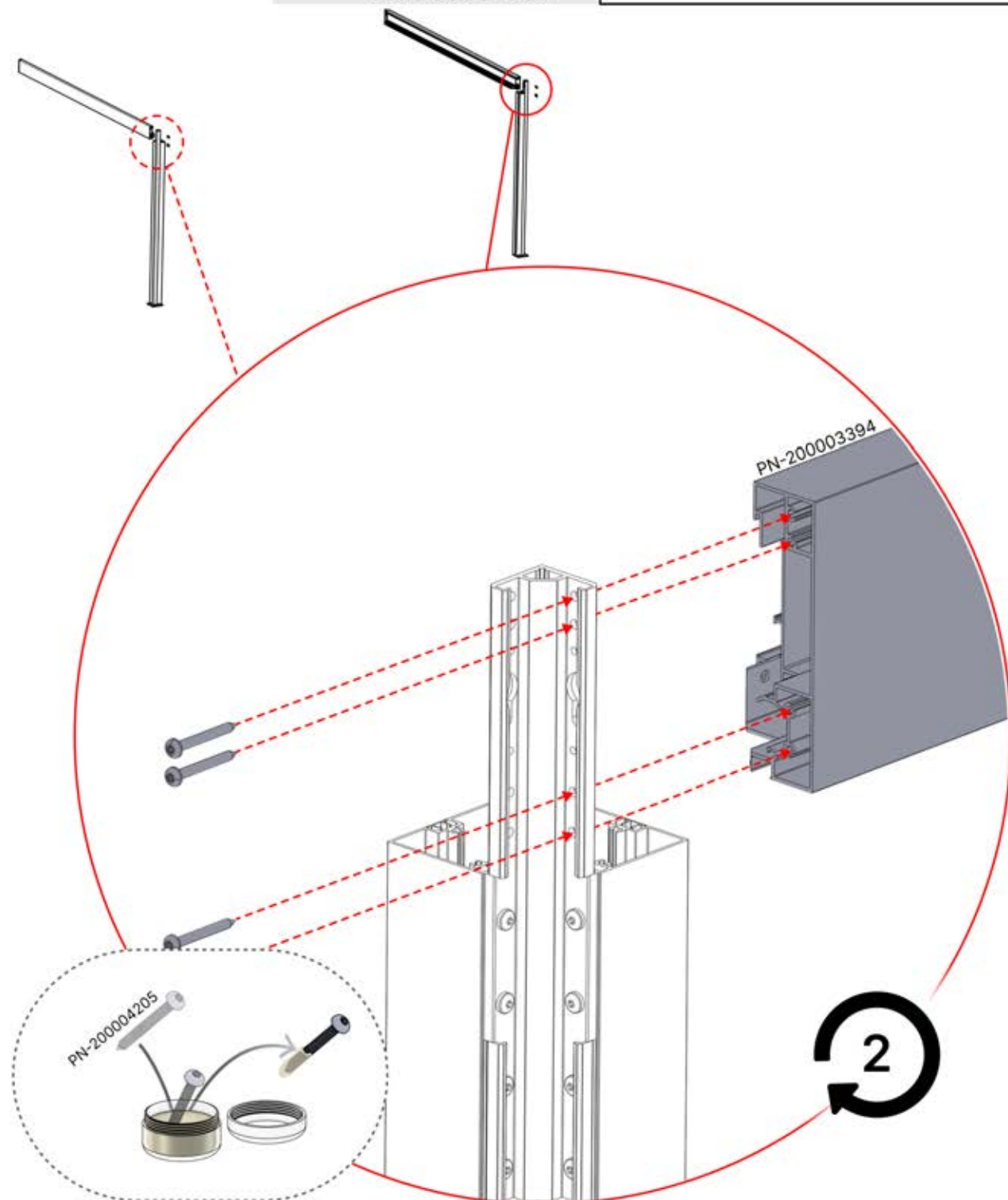
SCREW KIT
PN-200004209

	PN-200003357
	PN-200003394
	PN-200003308
	PN-200003309 
	PN-200004205

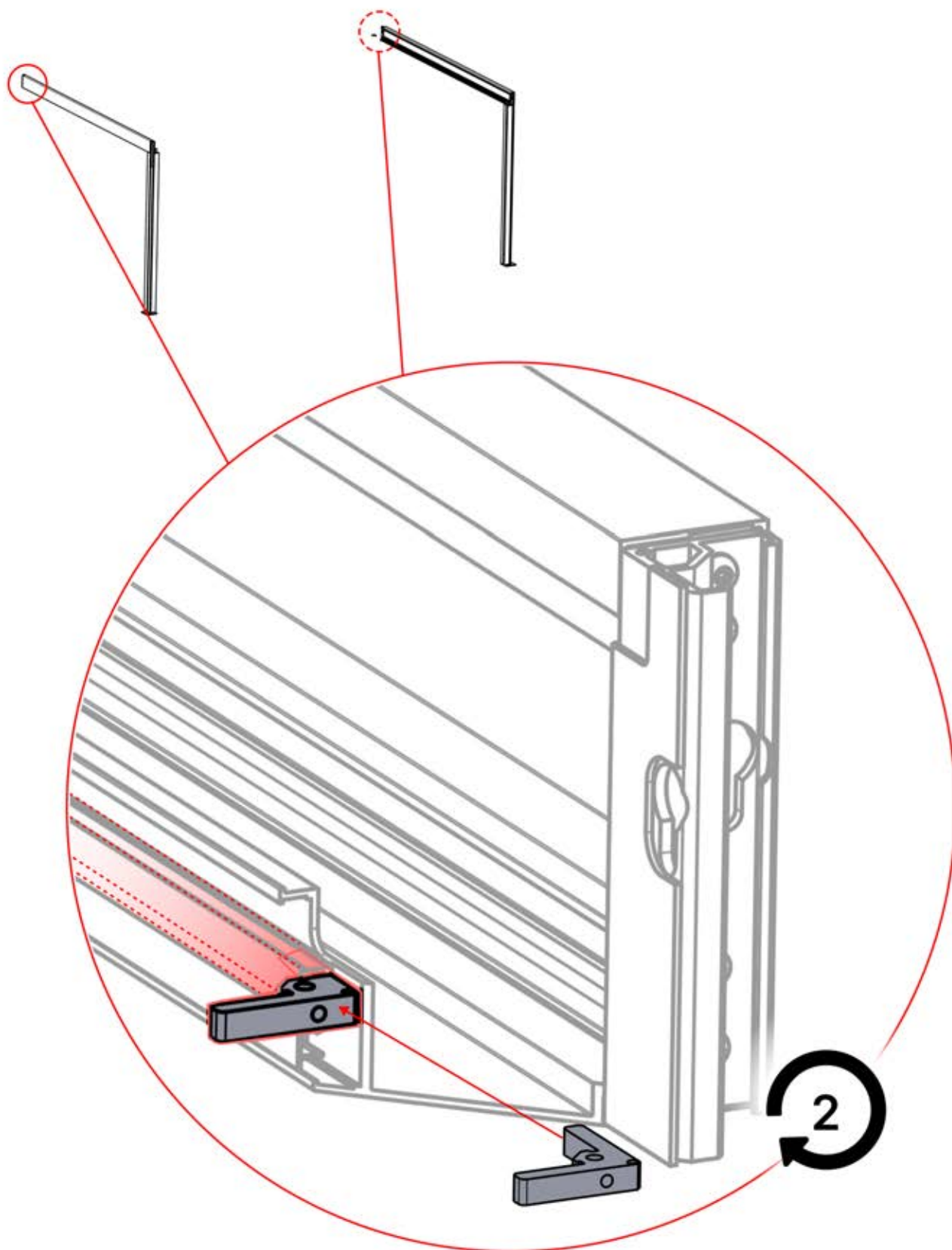
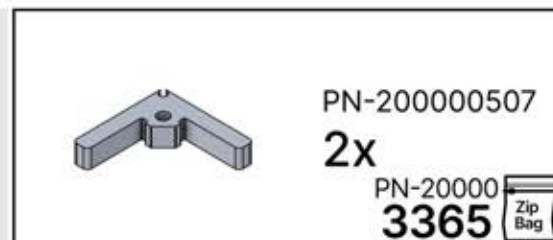
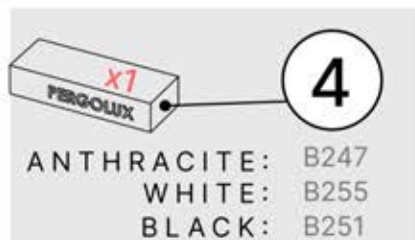


2

08



09



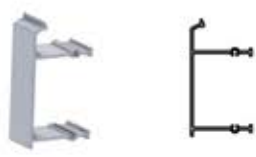
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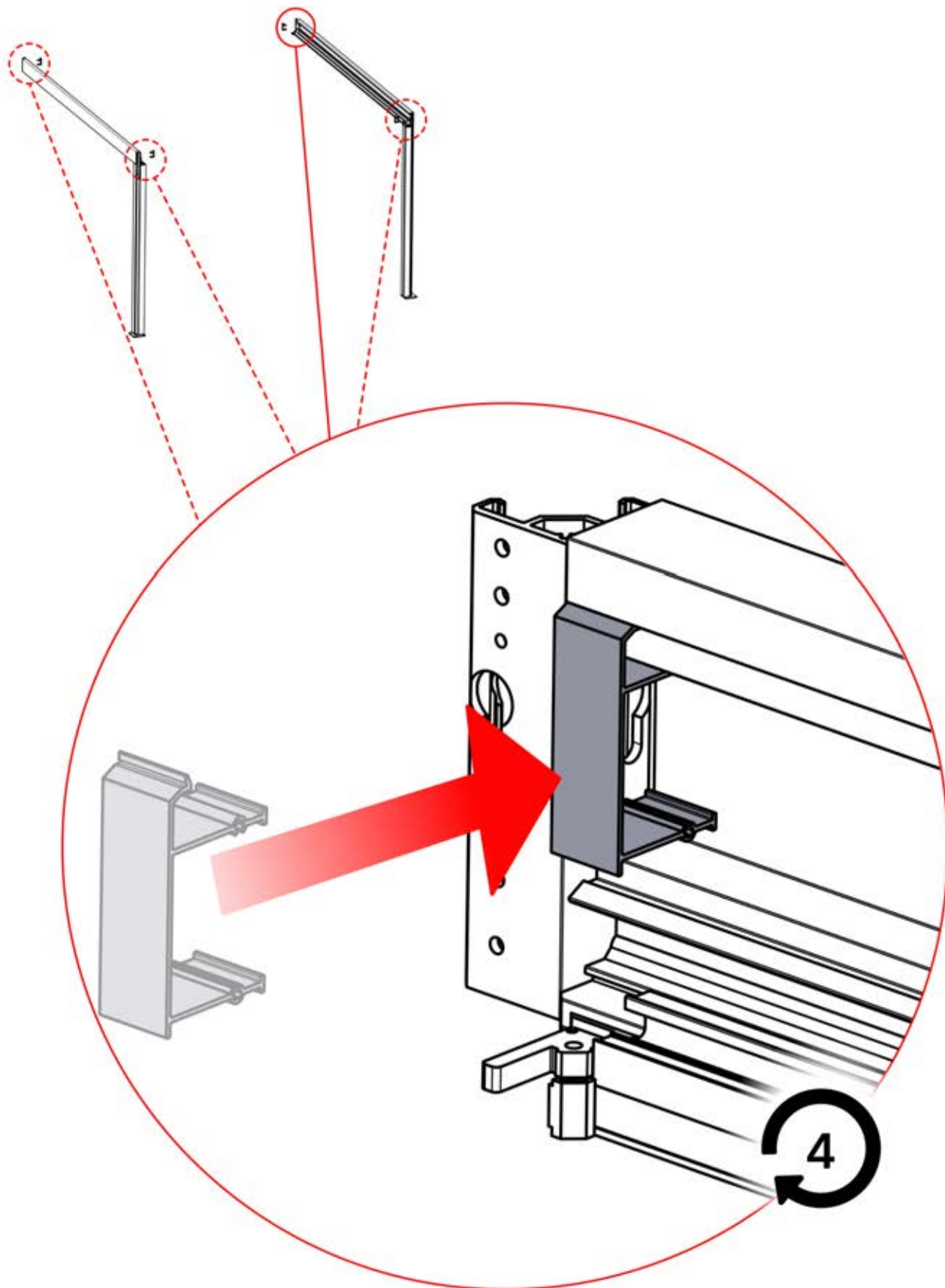
x1

4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200002622
4x
PN-20000
3281 



11

x1
PERGOLUX

4

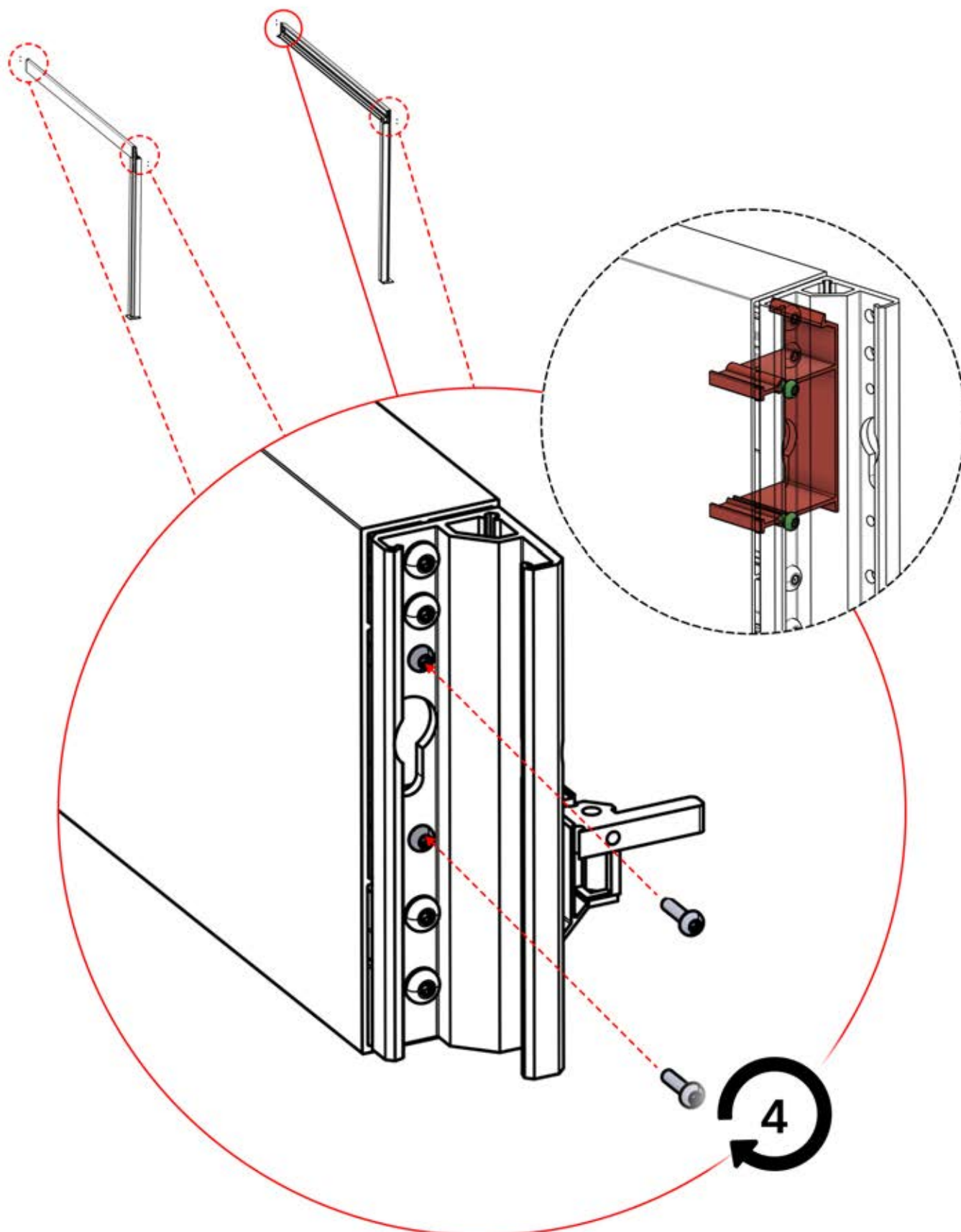
ANTHRACITE: B247
WHITE: B255
BLACK: B251

PN-200000680
8x

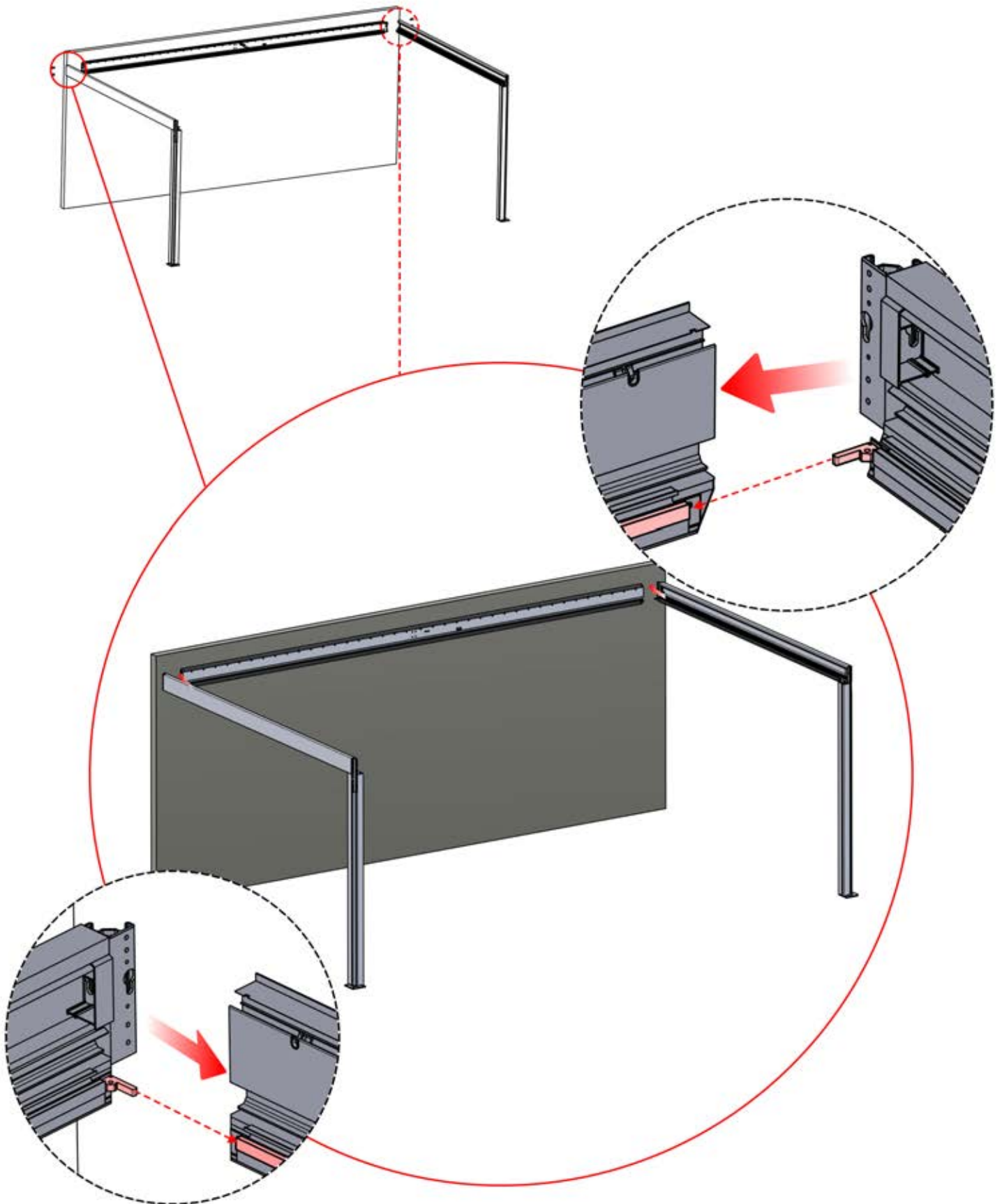
4.2X20

PN-20000
3281

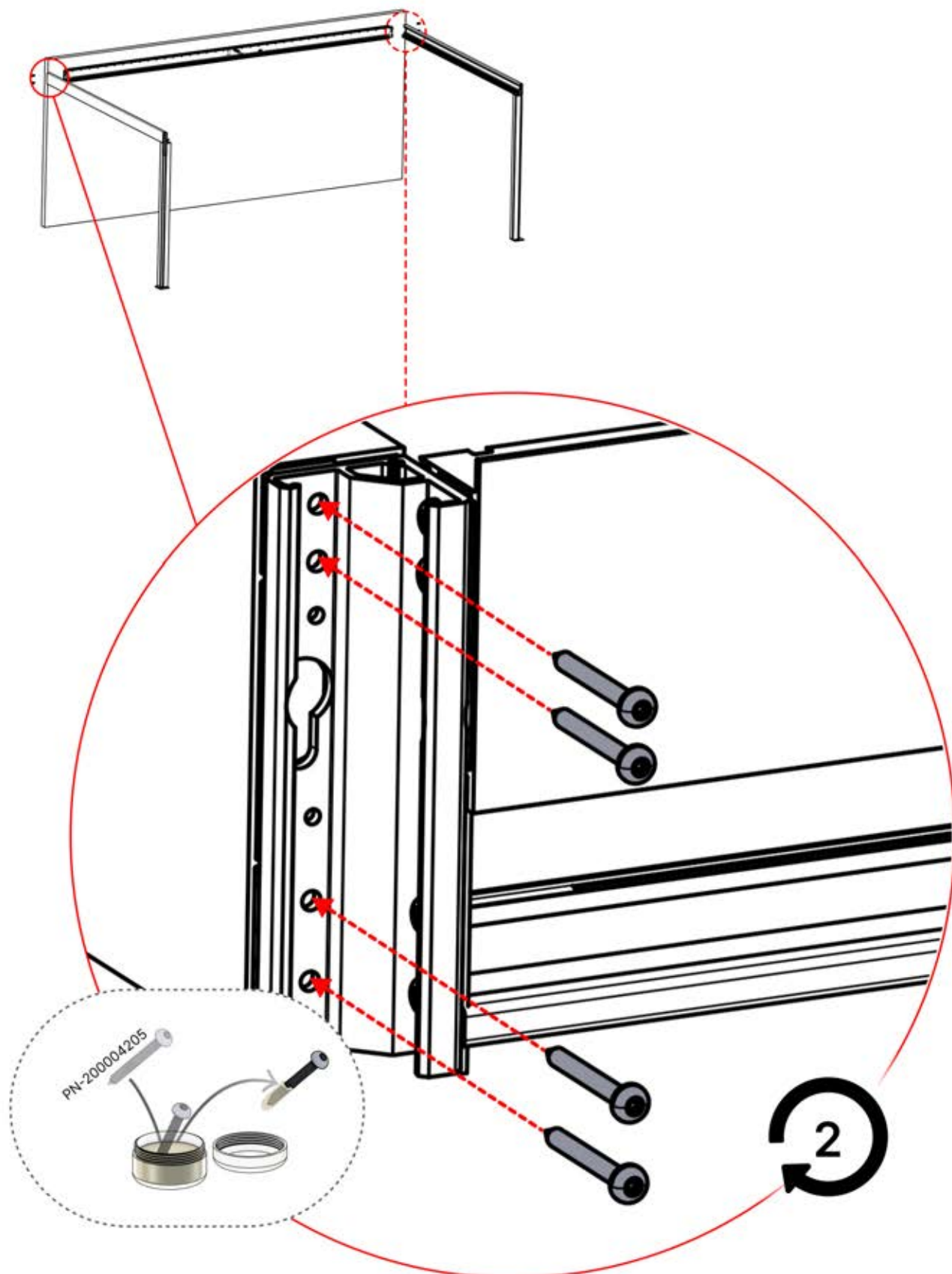
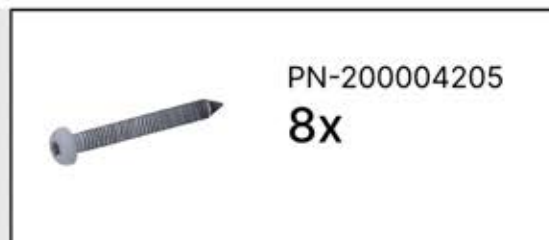
Zip Bag



12



13



14



4

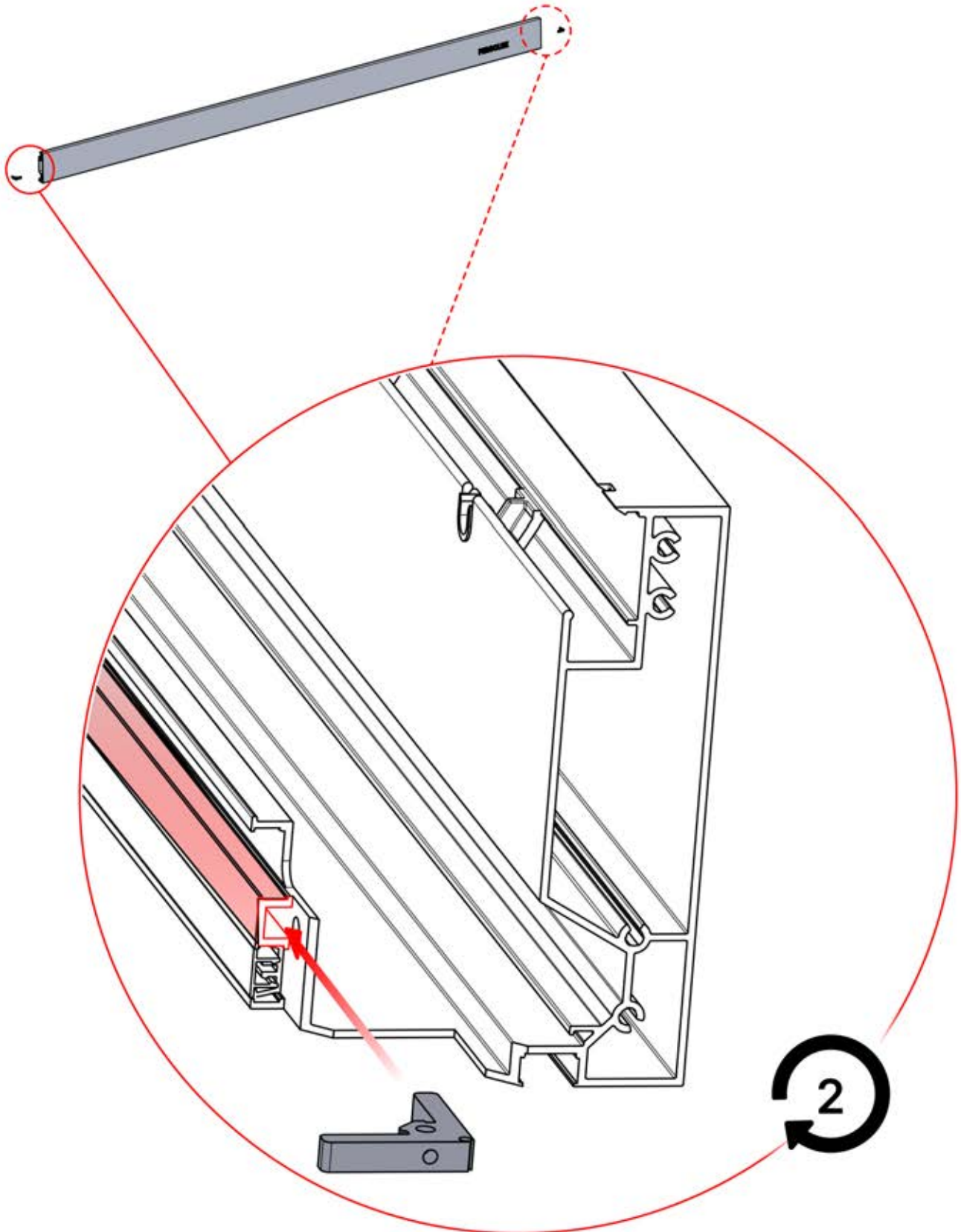
ANTHRACITE: B247
WHITE: B255
BLACK: B251



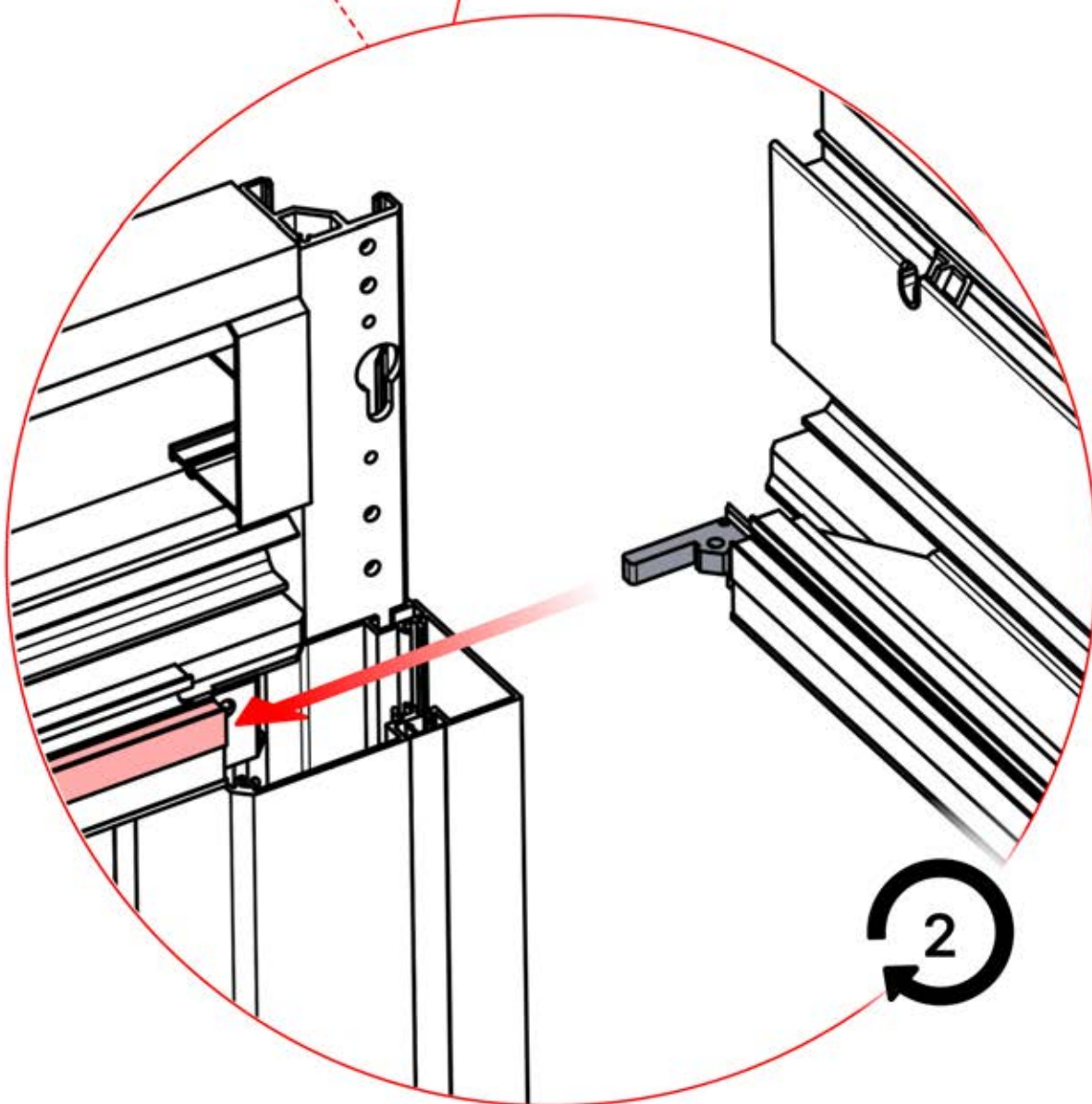
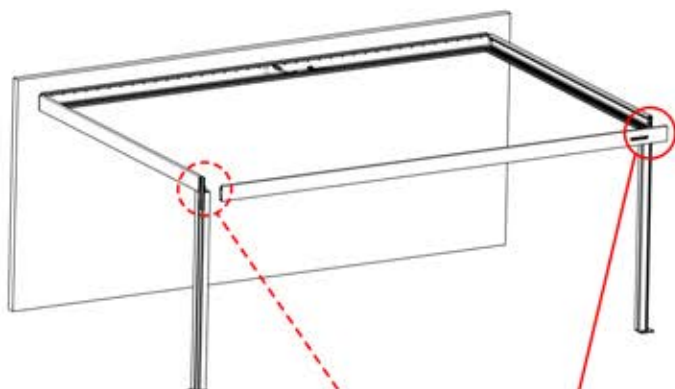
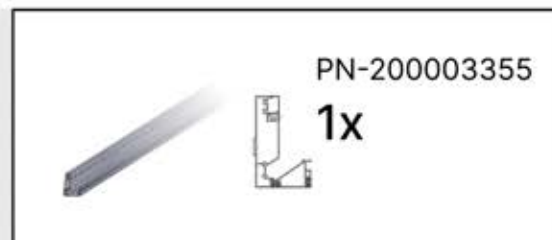
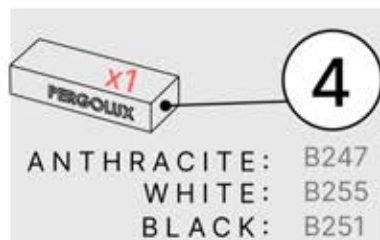
PN-200000507

2x

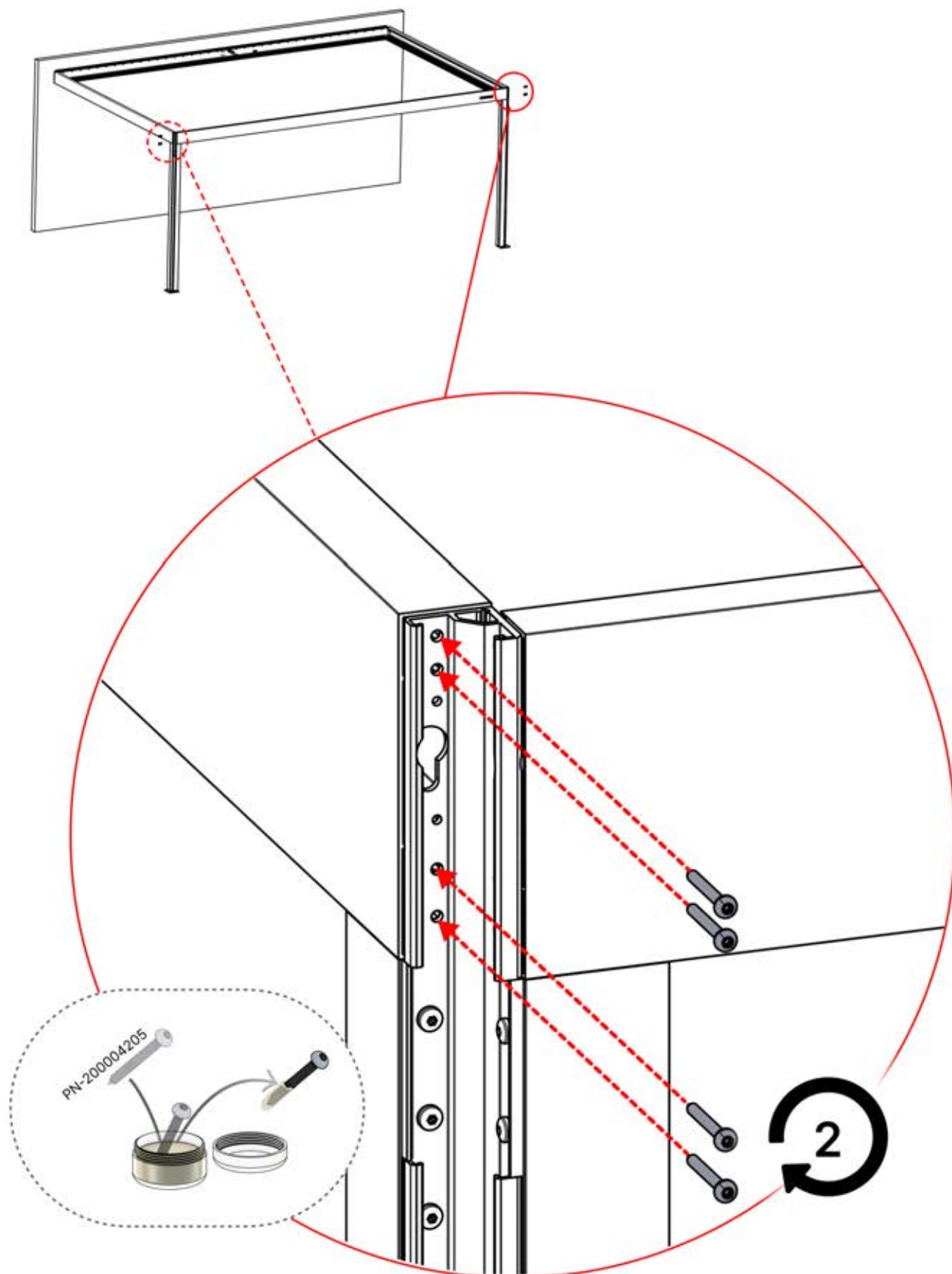
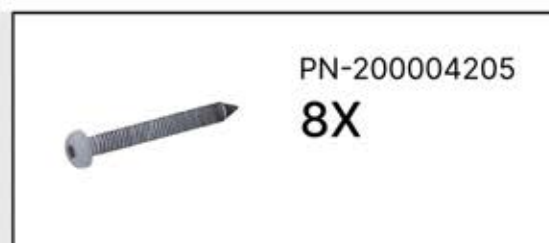
PN-20000
3365



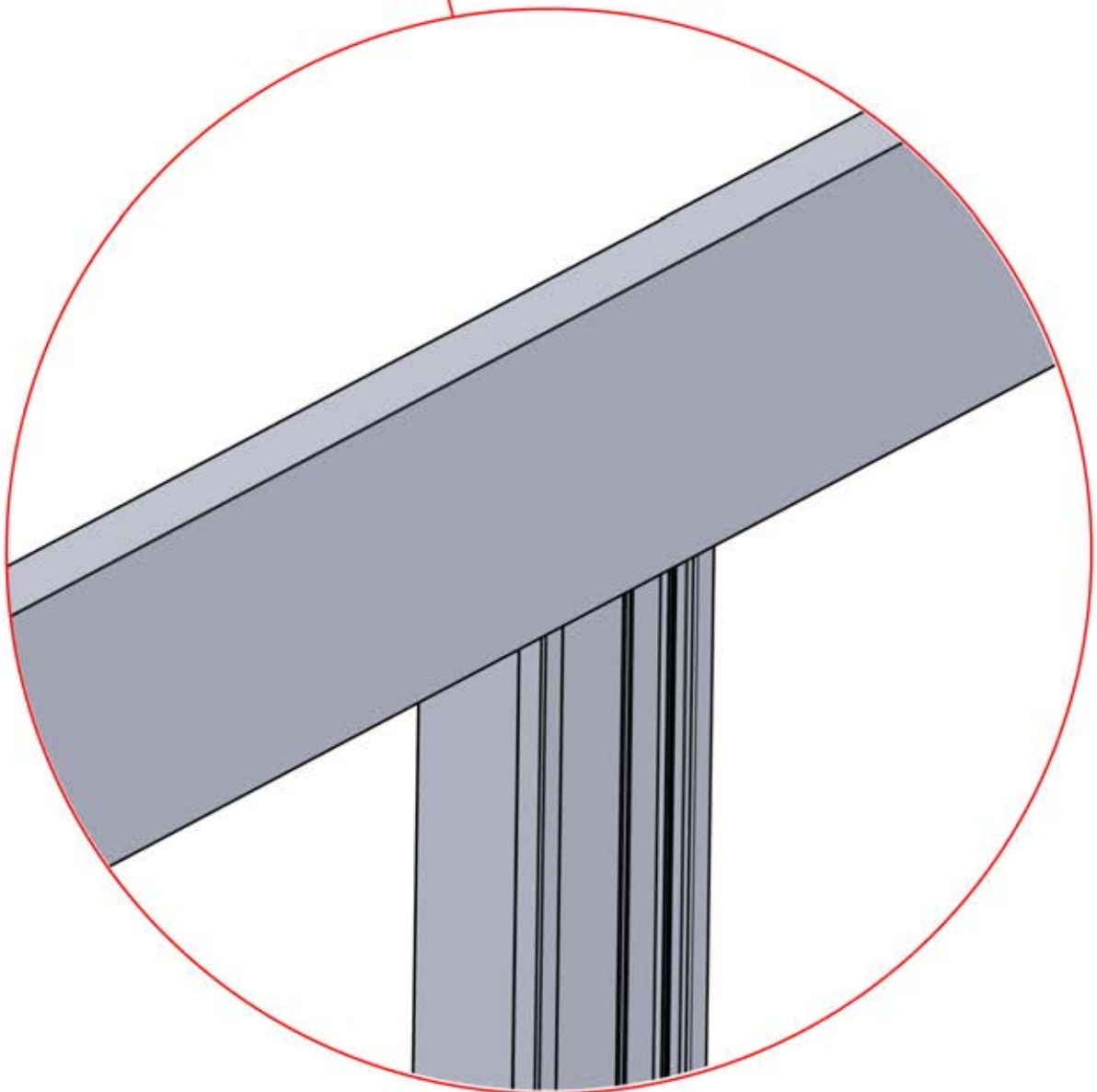
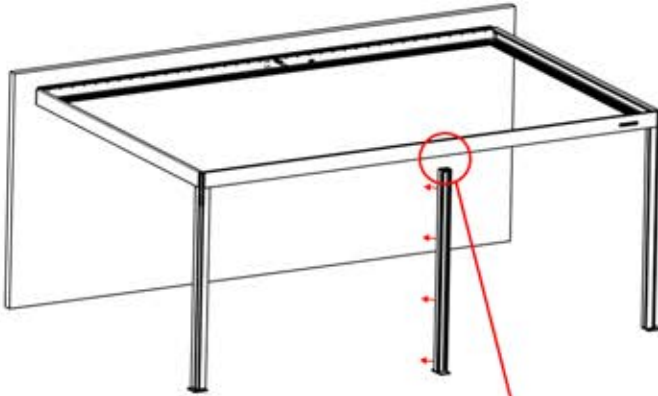
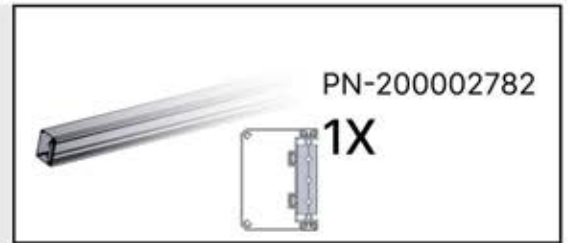
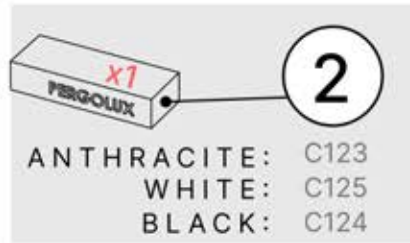
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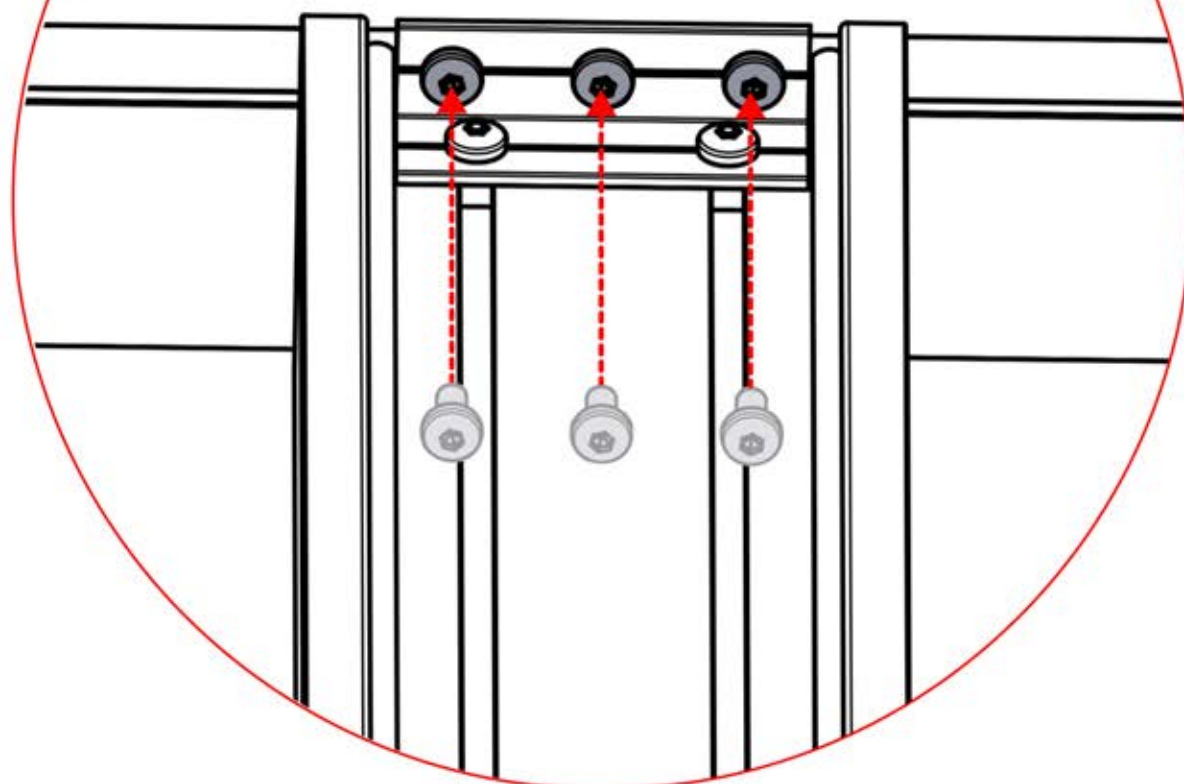
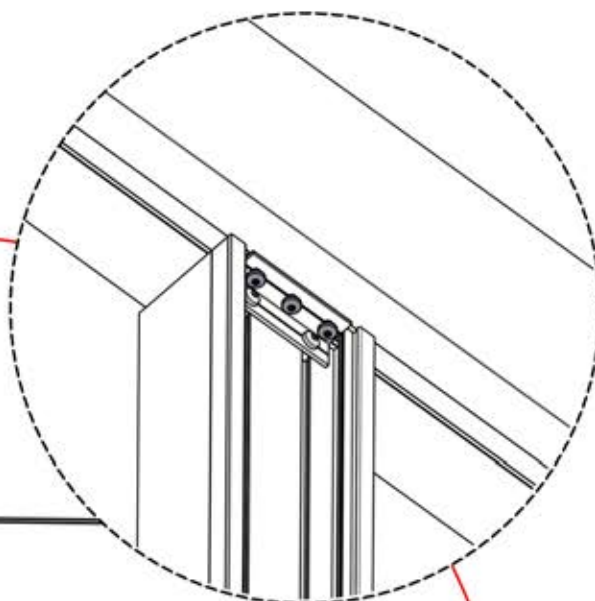
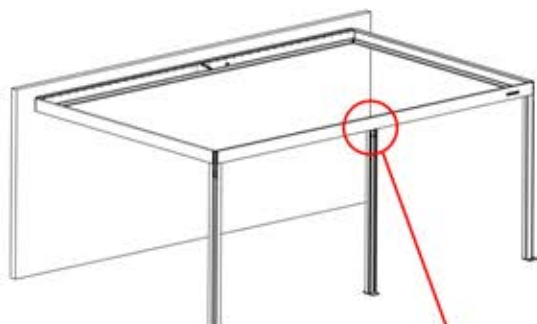
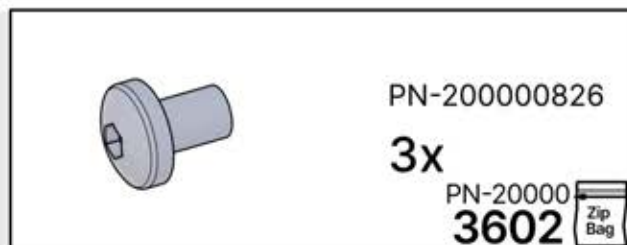
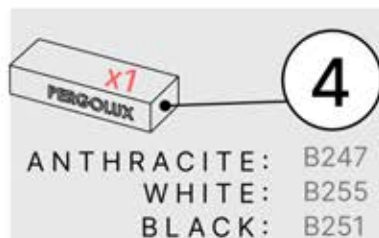
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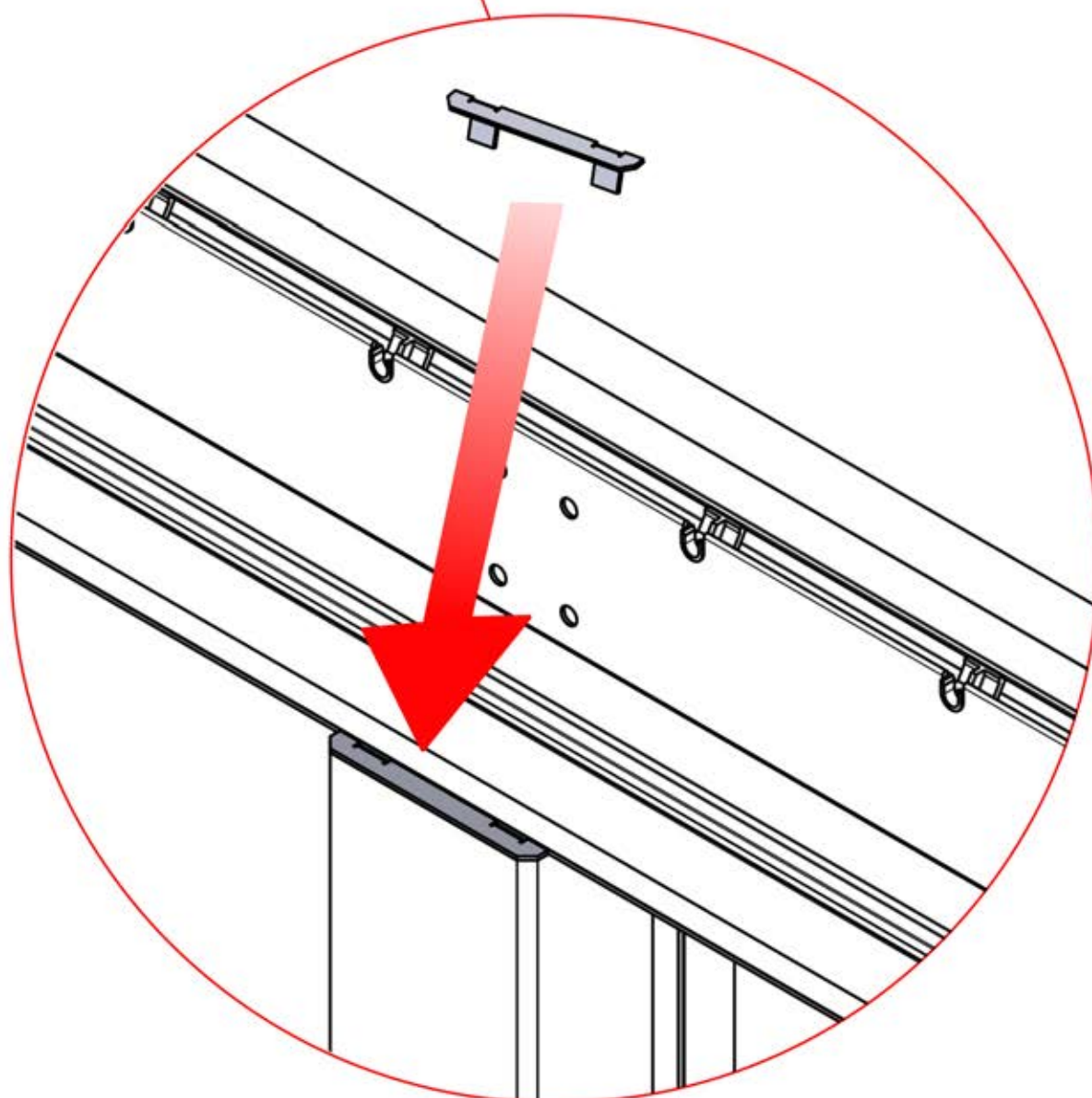
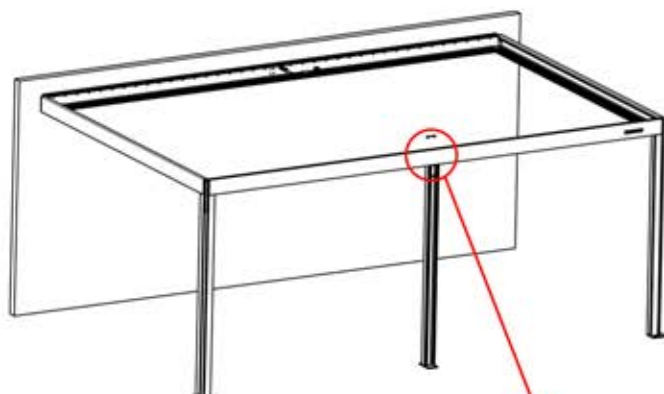
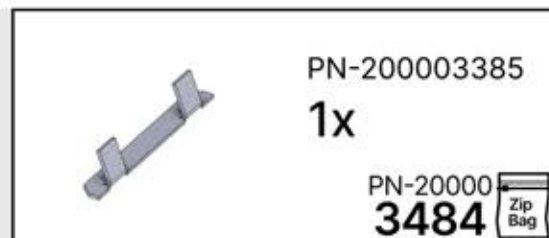
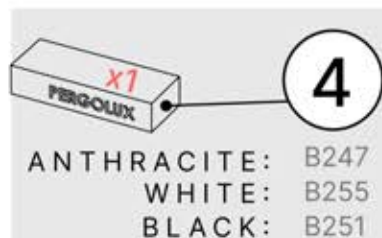
17



18



19



20



6

ANTHRACITE: B274
WHITE: B278
BLACK: B276



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200003415
1x



PN-200000731
2x



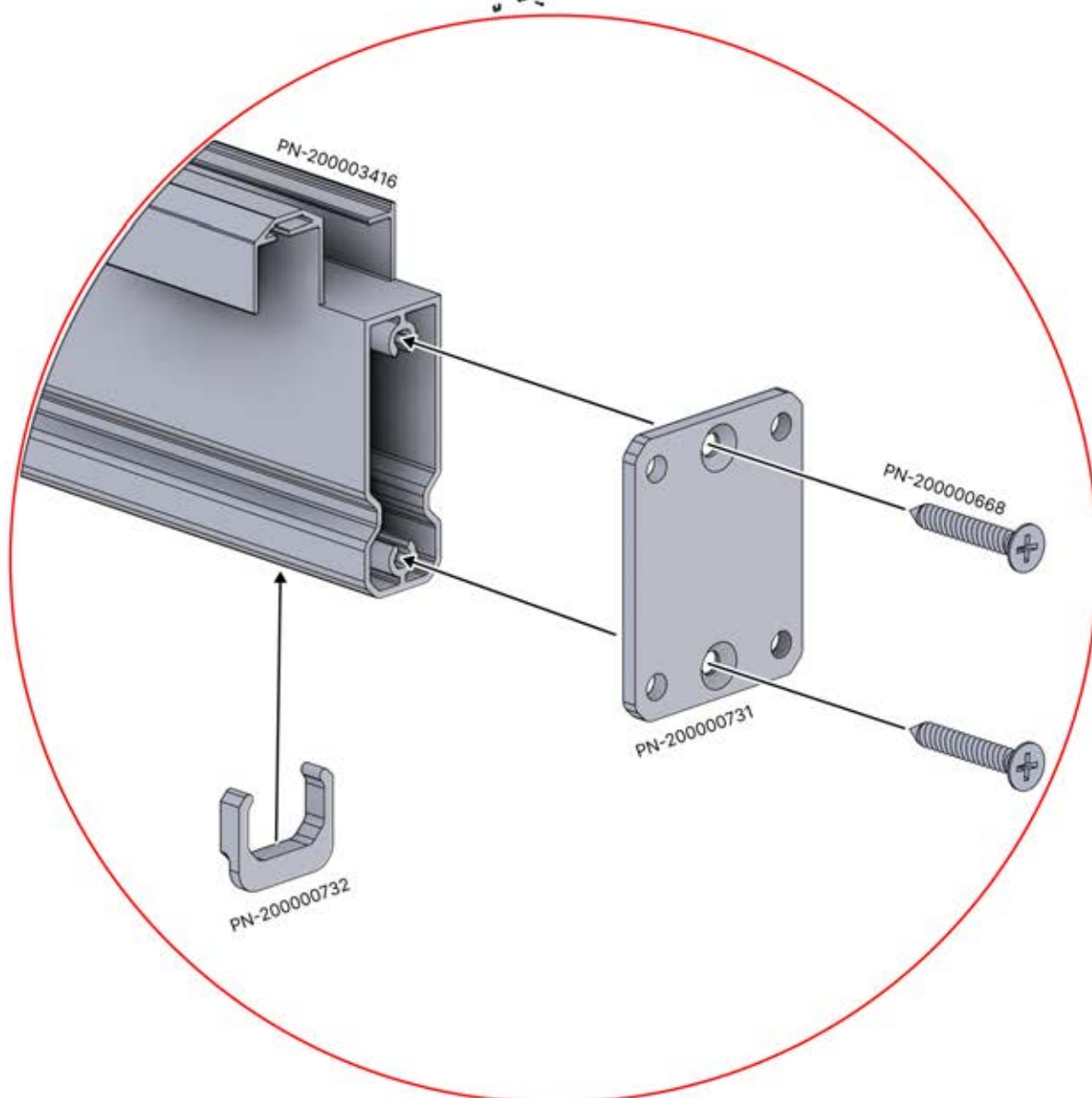
PN-200000732
2x



PN-200000668
4x

PN-20000
3414



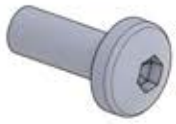


21

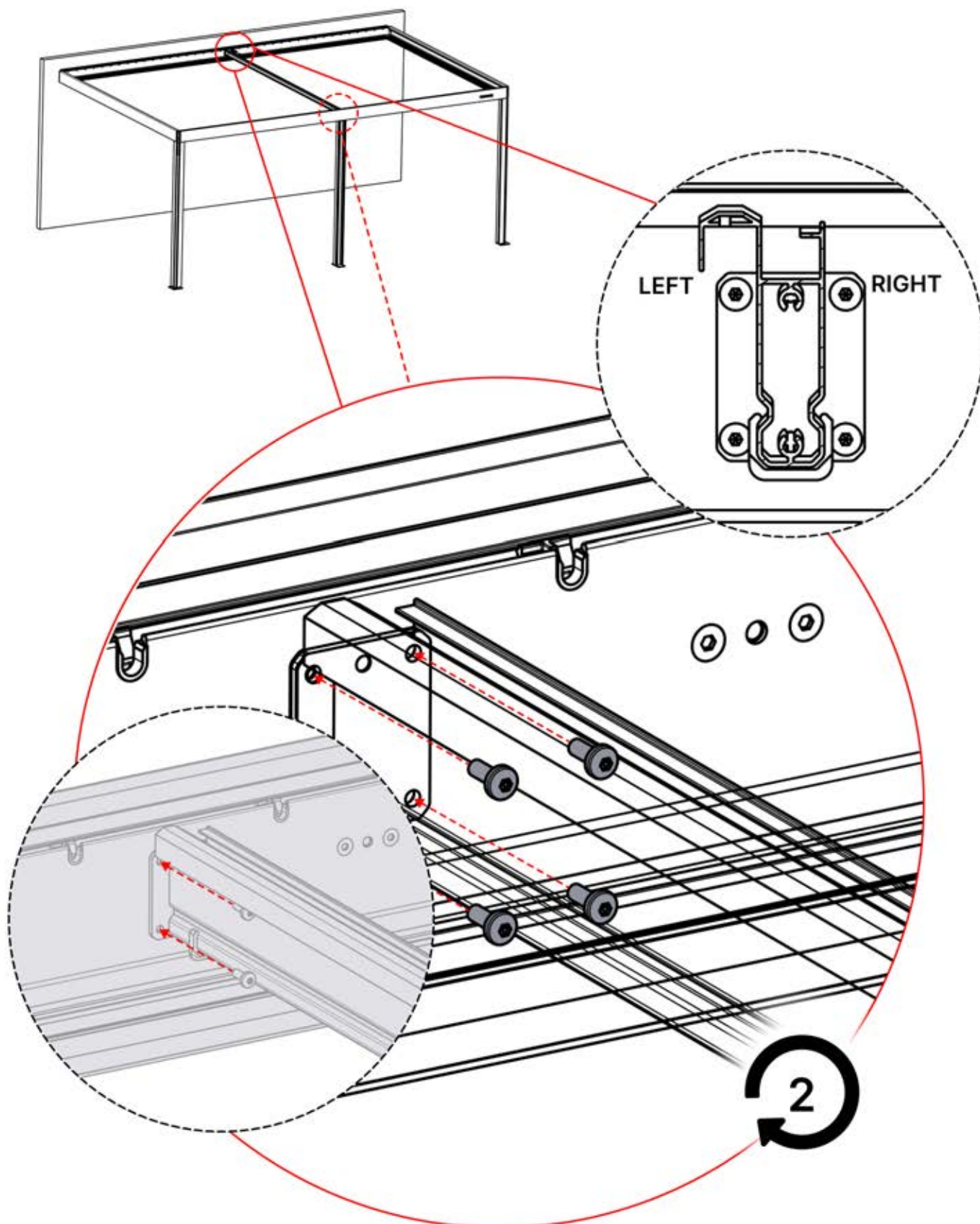


4

ANTHRACITE:	B247
WHITE:	B255
BLACK:	B251



PN-200000415
8x
 PN-20000
3414

22



4

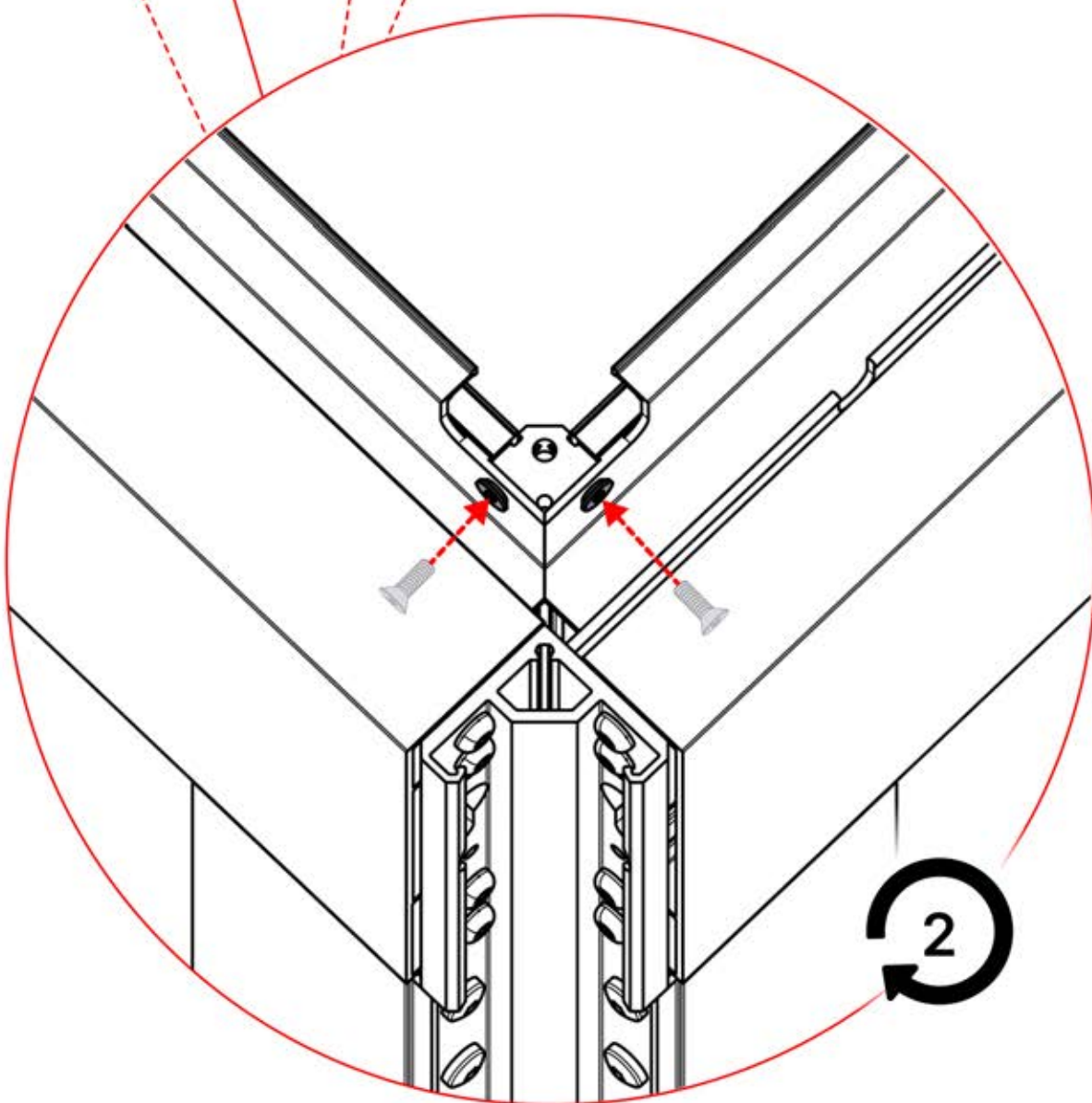
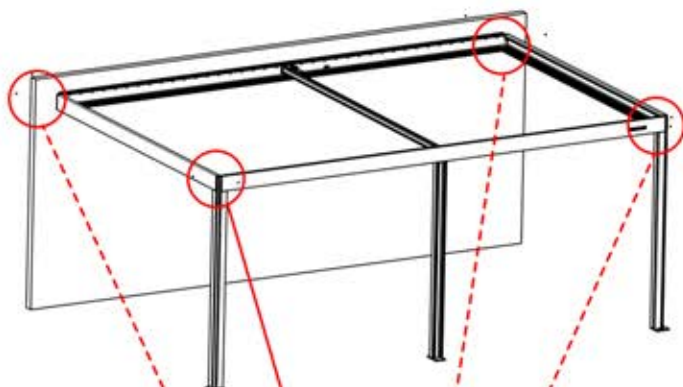
ANTHRACITE: B247
WHITE: B255
BLACK: B251

5x12
3/16" x 1/2"

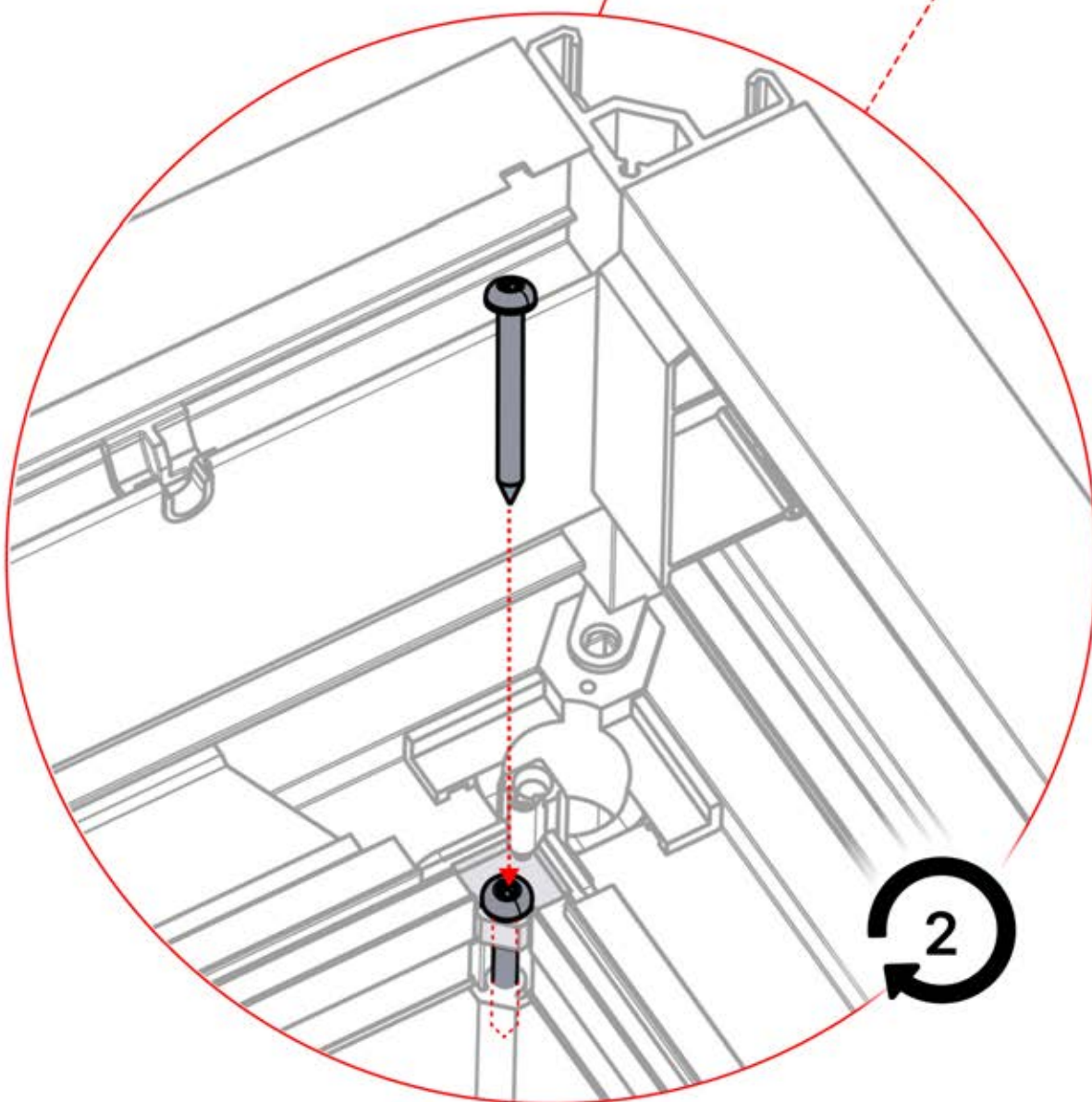
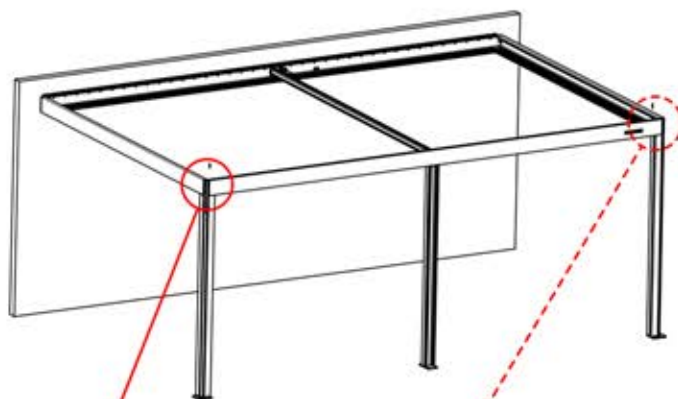


PN-200000569
8x

PN-20000
3365 



23

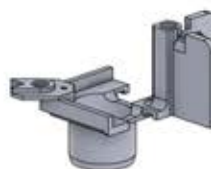


24



4

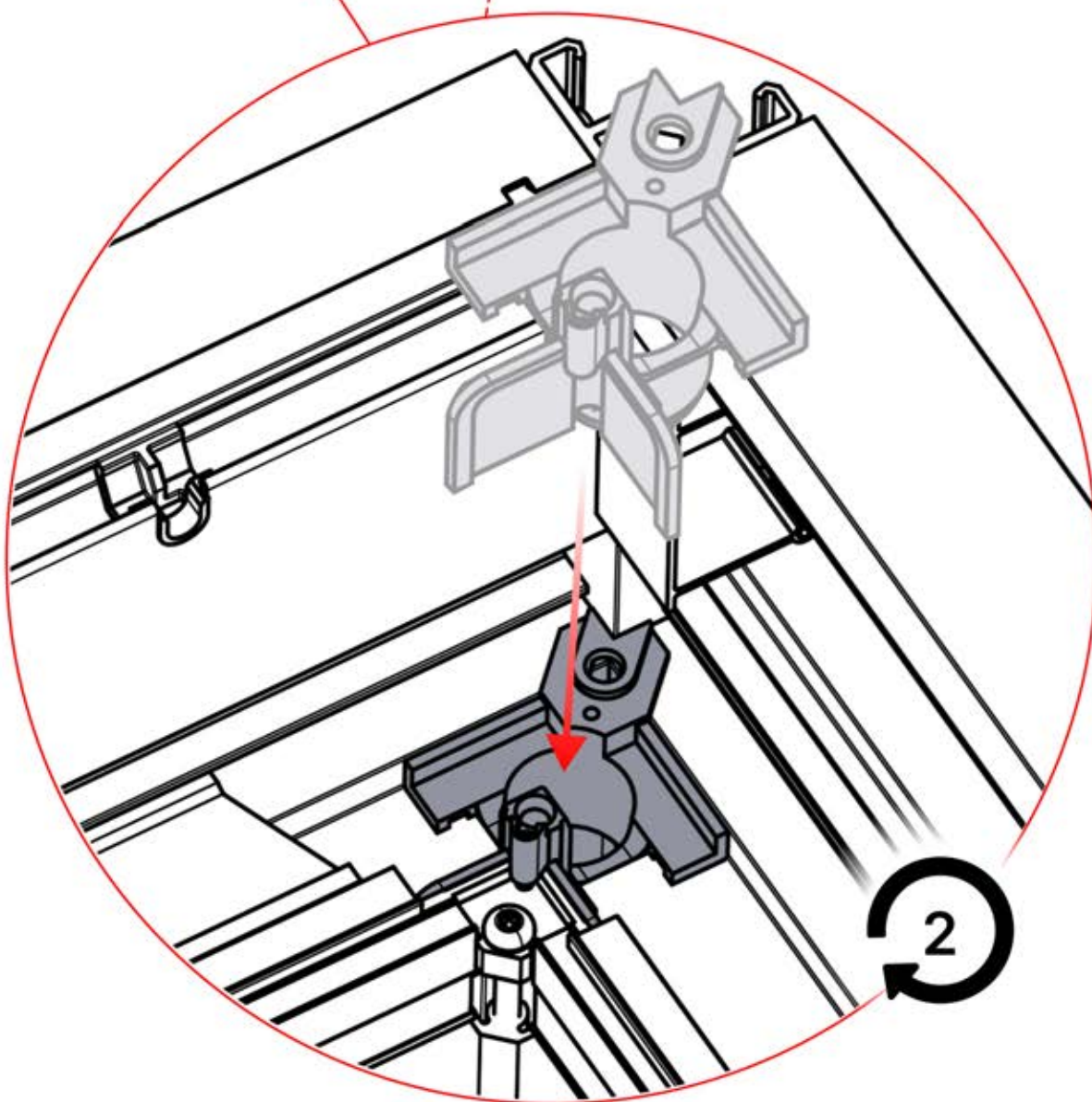
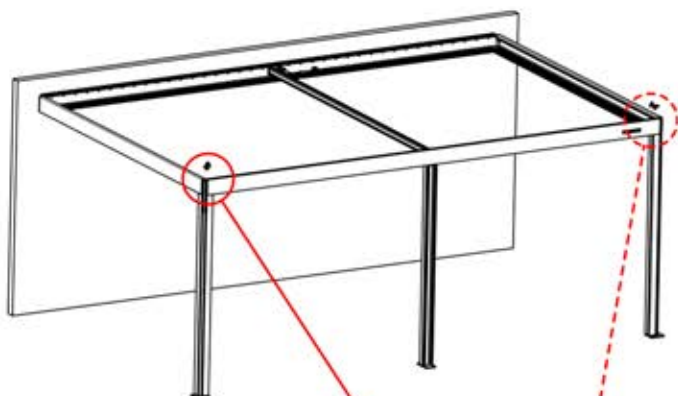
ANTHRACITE: B247
WHITE: B255
BLACK: B251



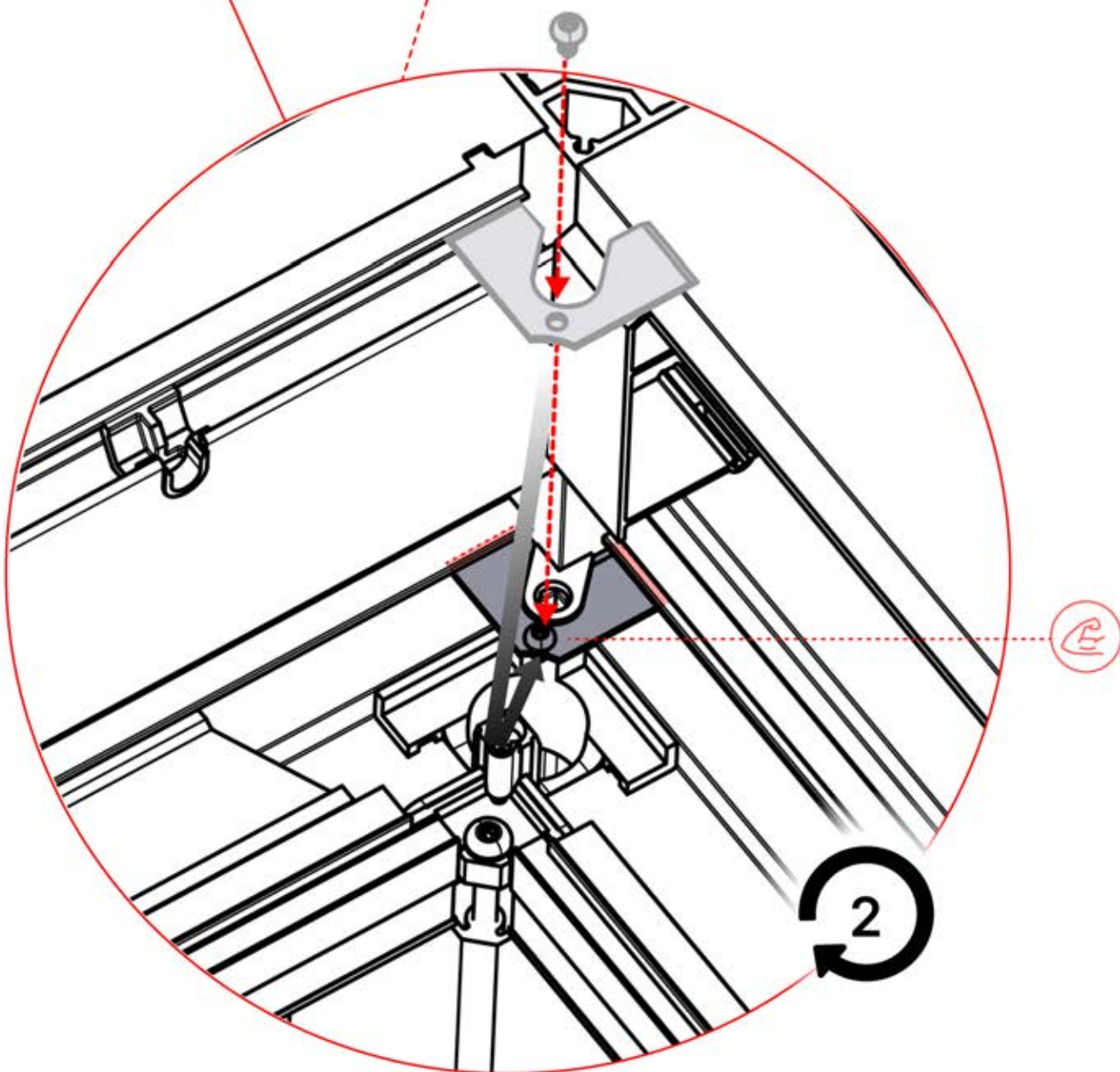
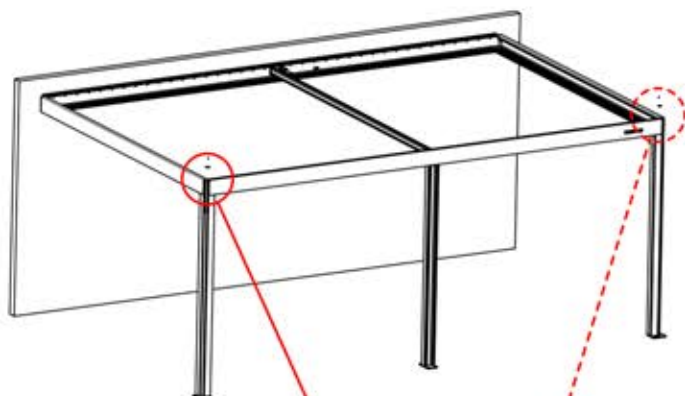
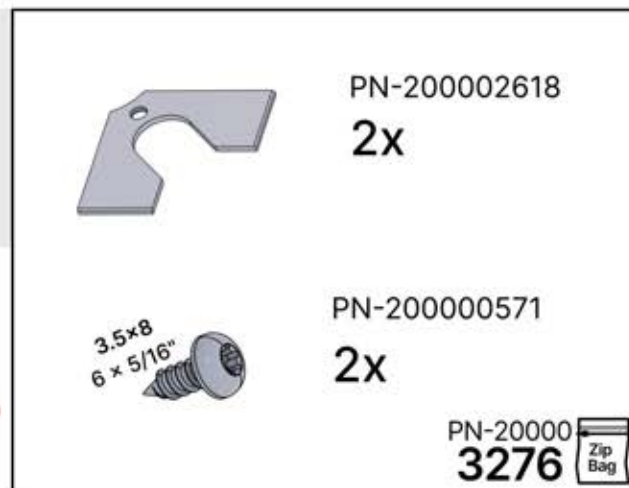
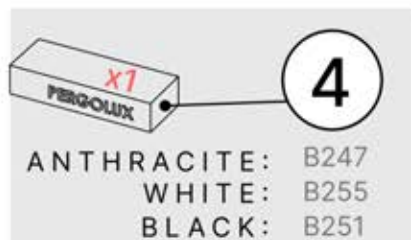
PN-200002617

2x

PN-20000
3364



25

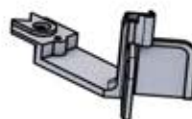


26



4

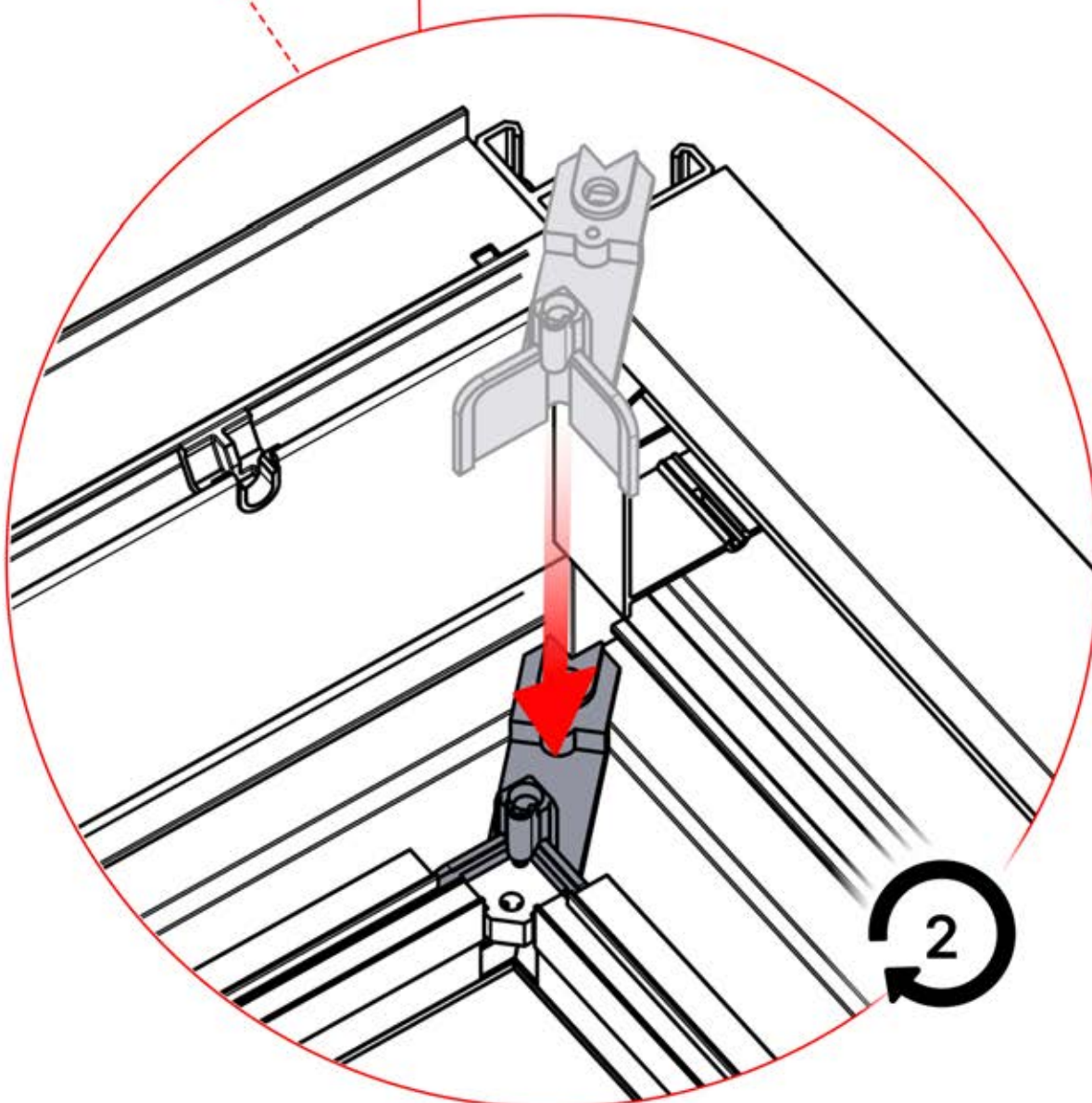
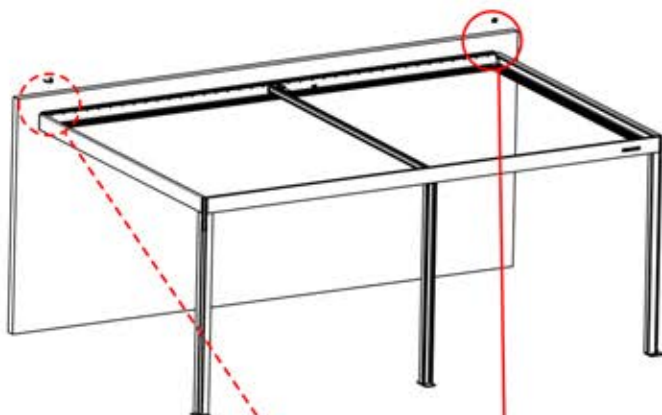
ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200002792

2x

PN-20000
3364



27



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200002618

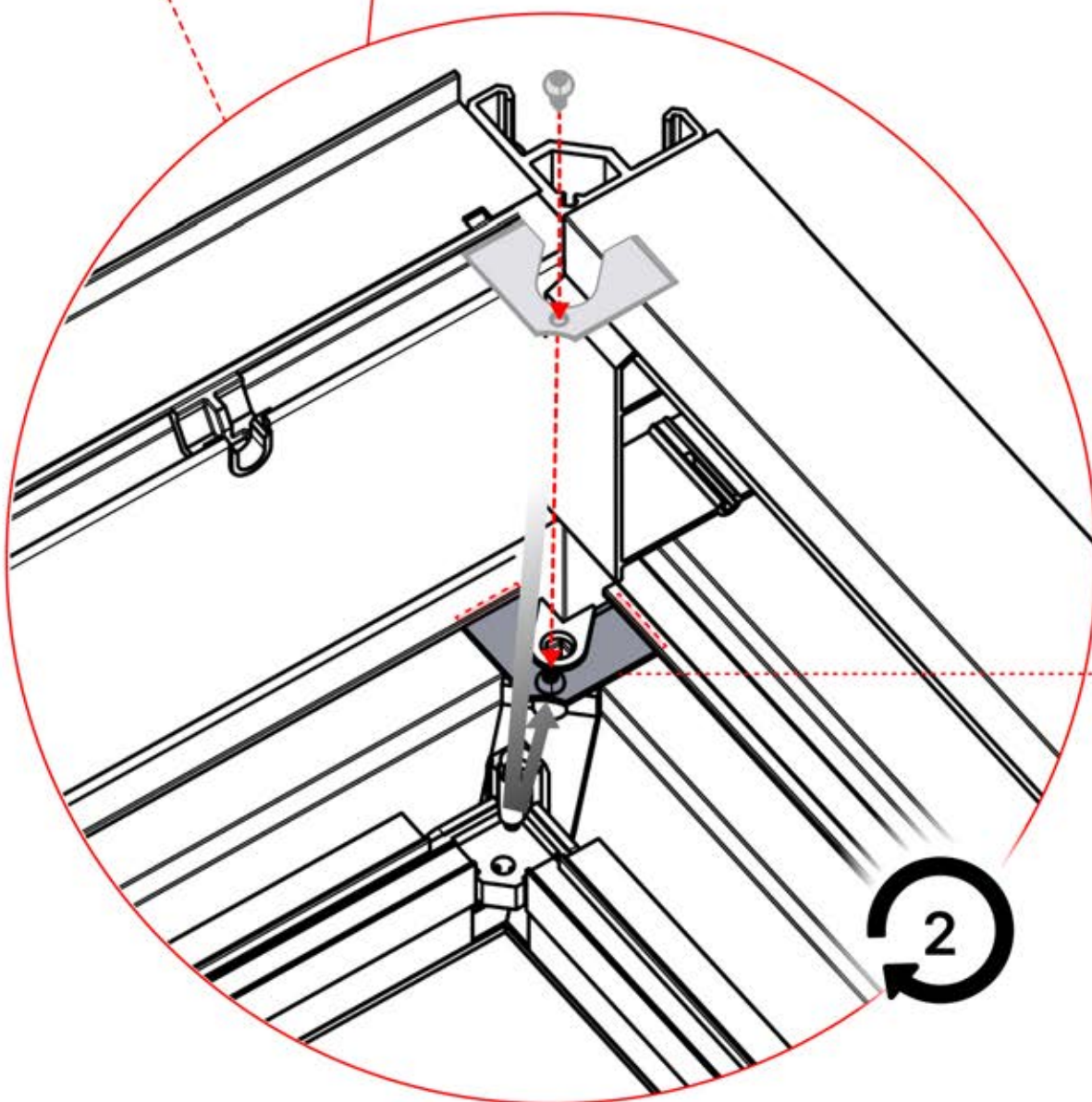
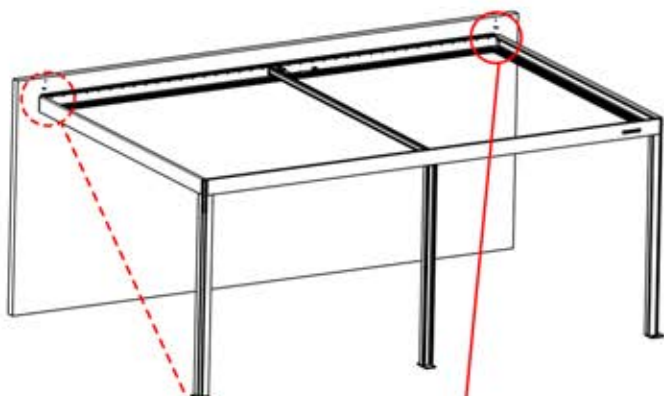
2x



PN-200000571

2x

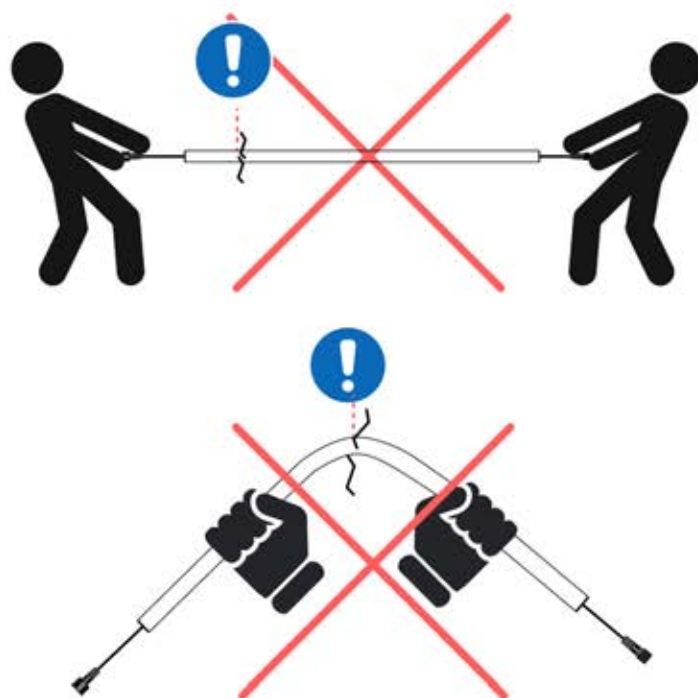
PN-20000
3276



IMPORTANT INFORMATION

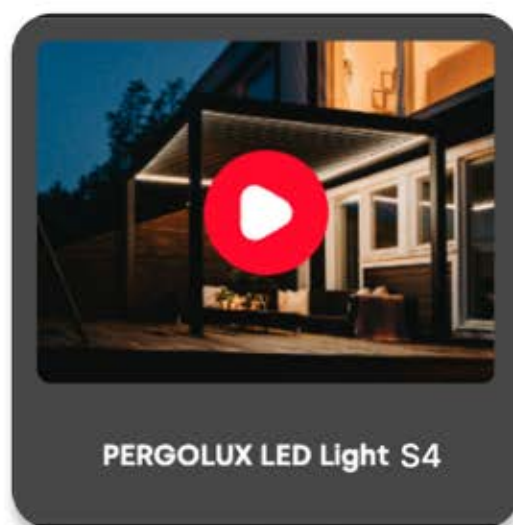
Handle with care.

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.

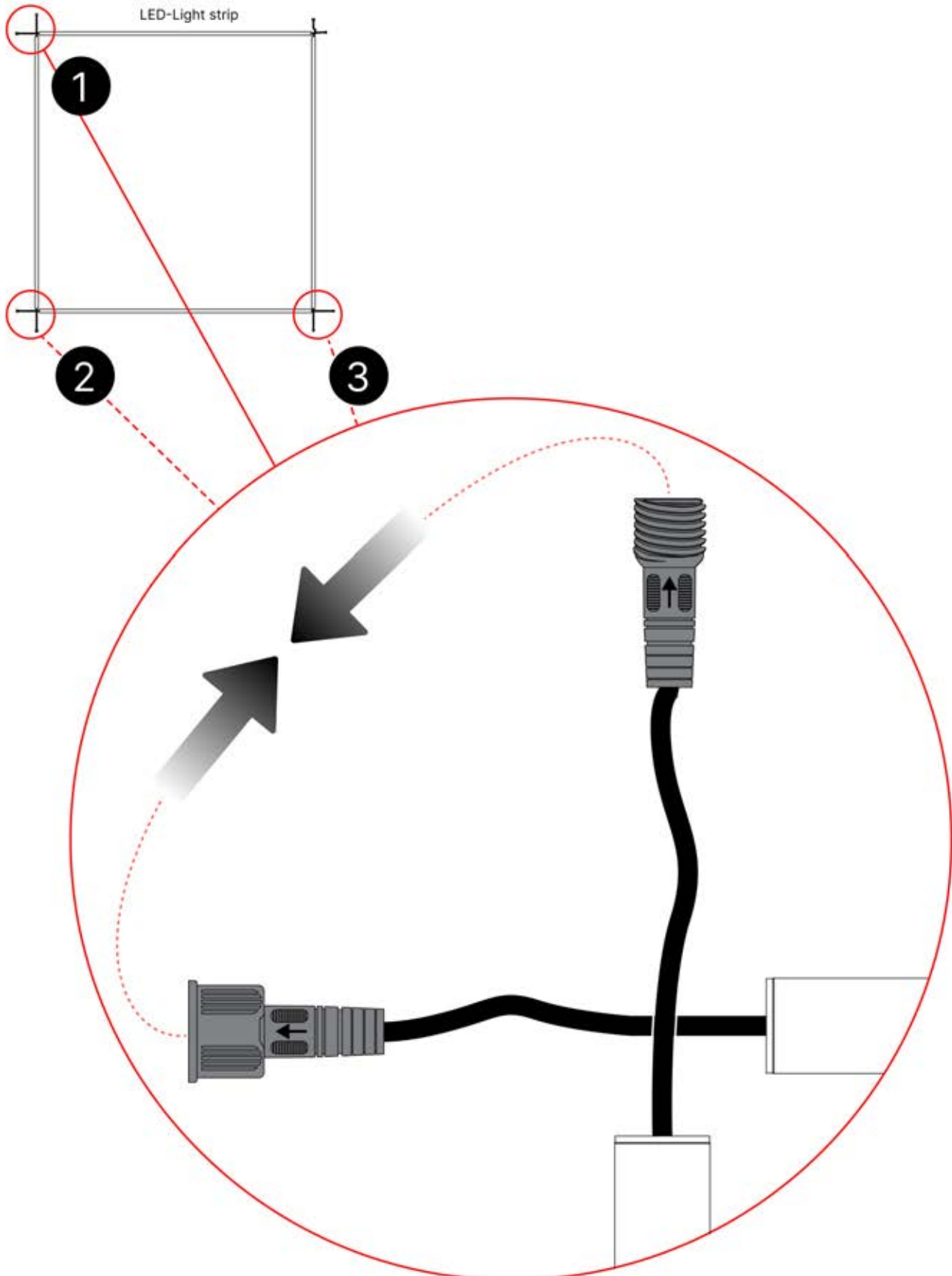


Important! Please watch all the videos before starting the assembly.

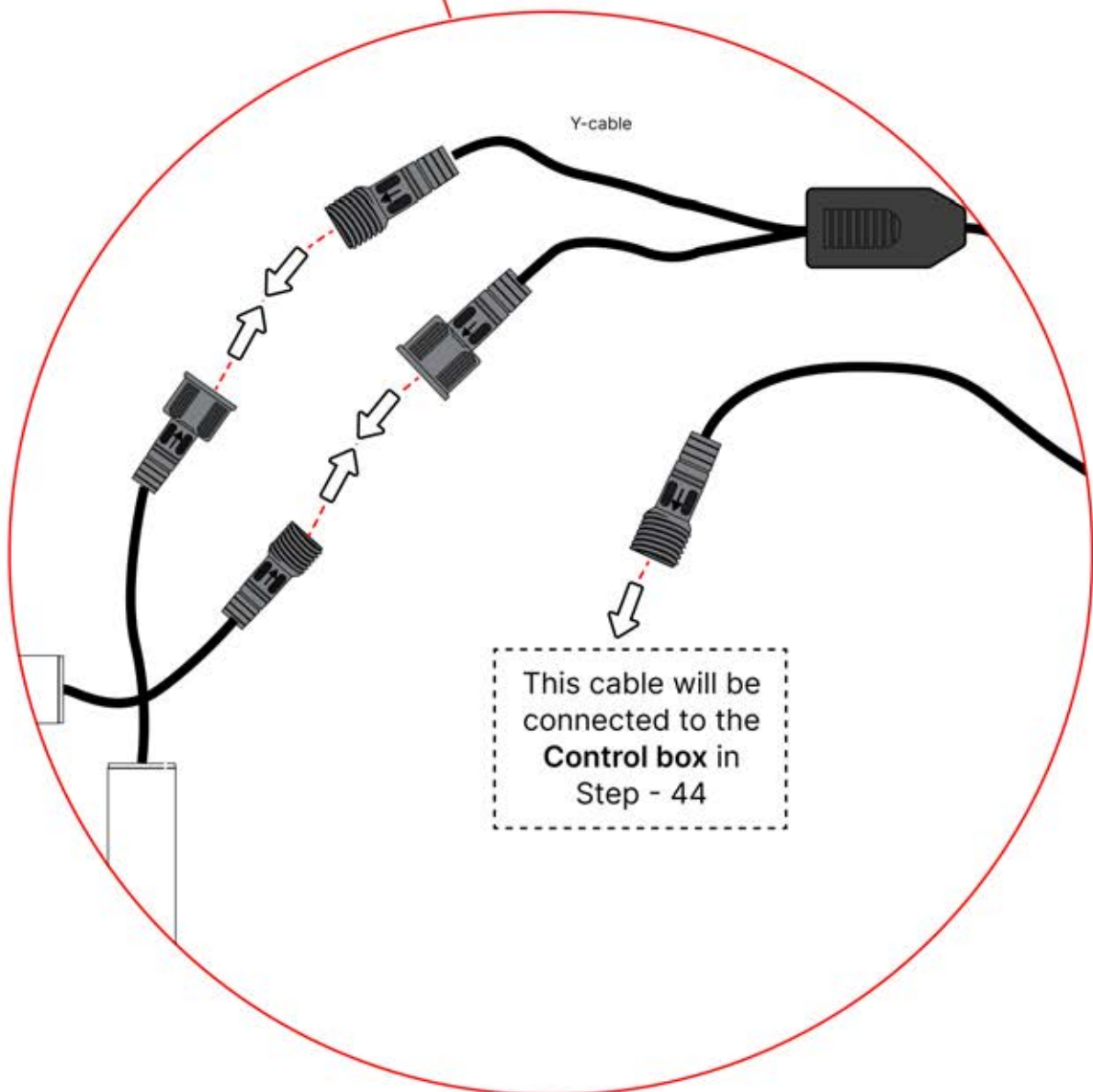
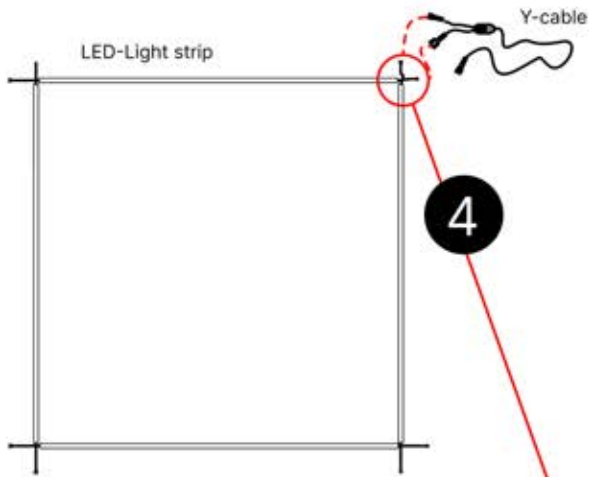
The videos contain important information relevant to the assembly process.



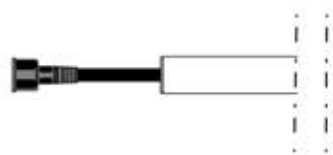
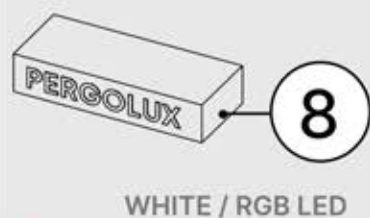
IMPORTANT INFORMATION



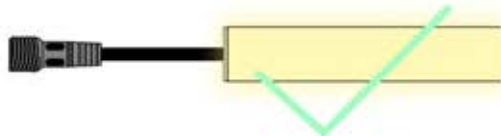
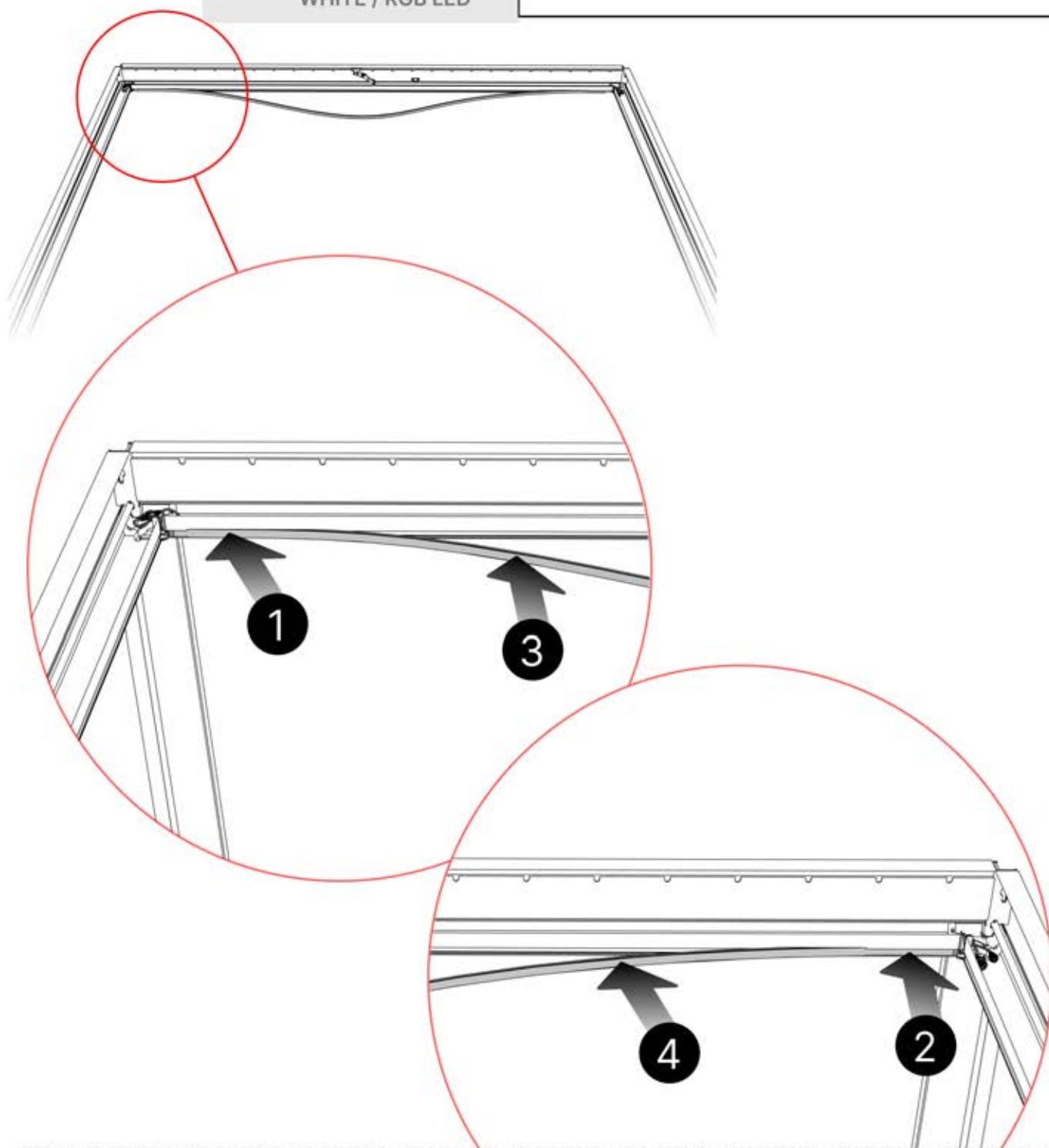
INFORMATION



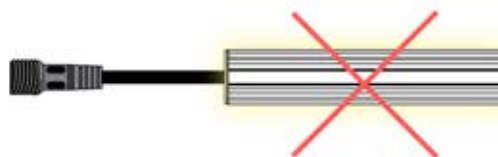
28



LED strip
1x



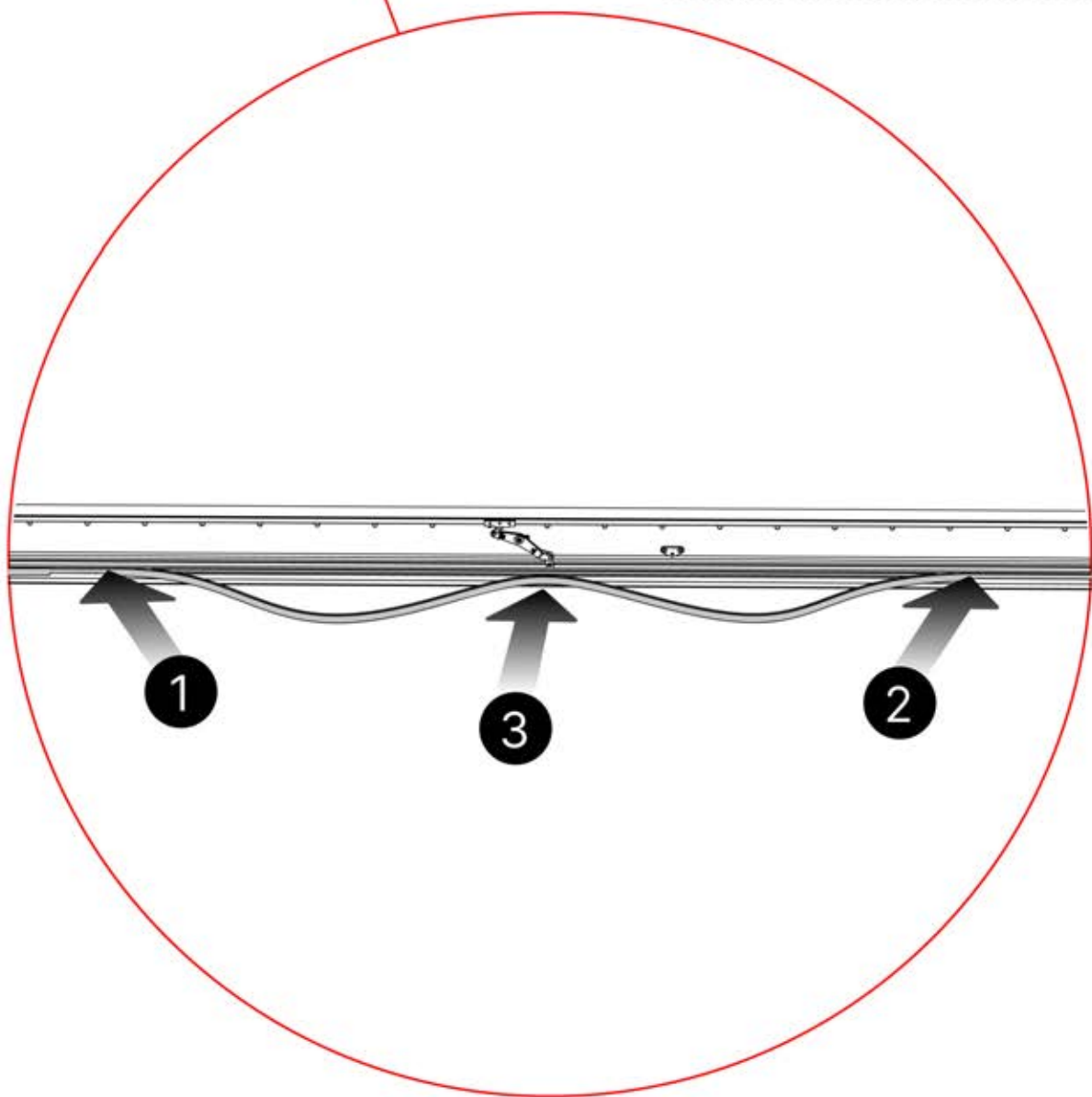
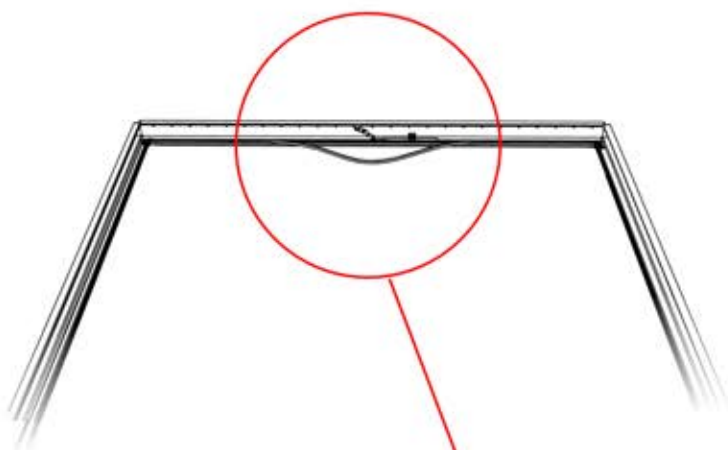
This side is the front and
should face outward



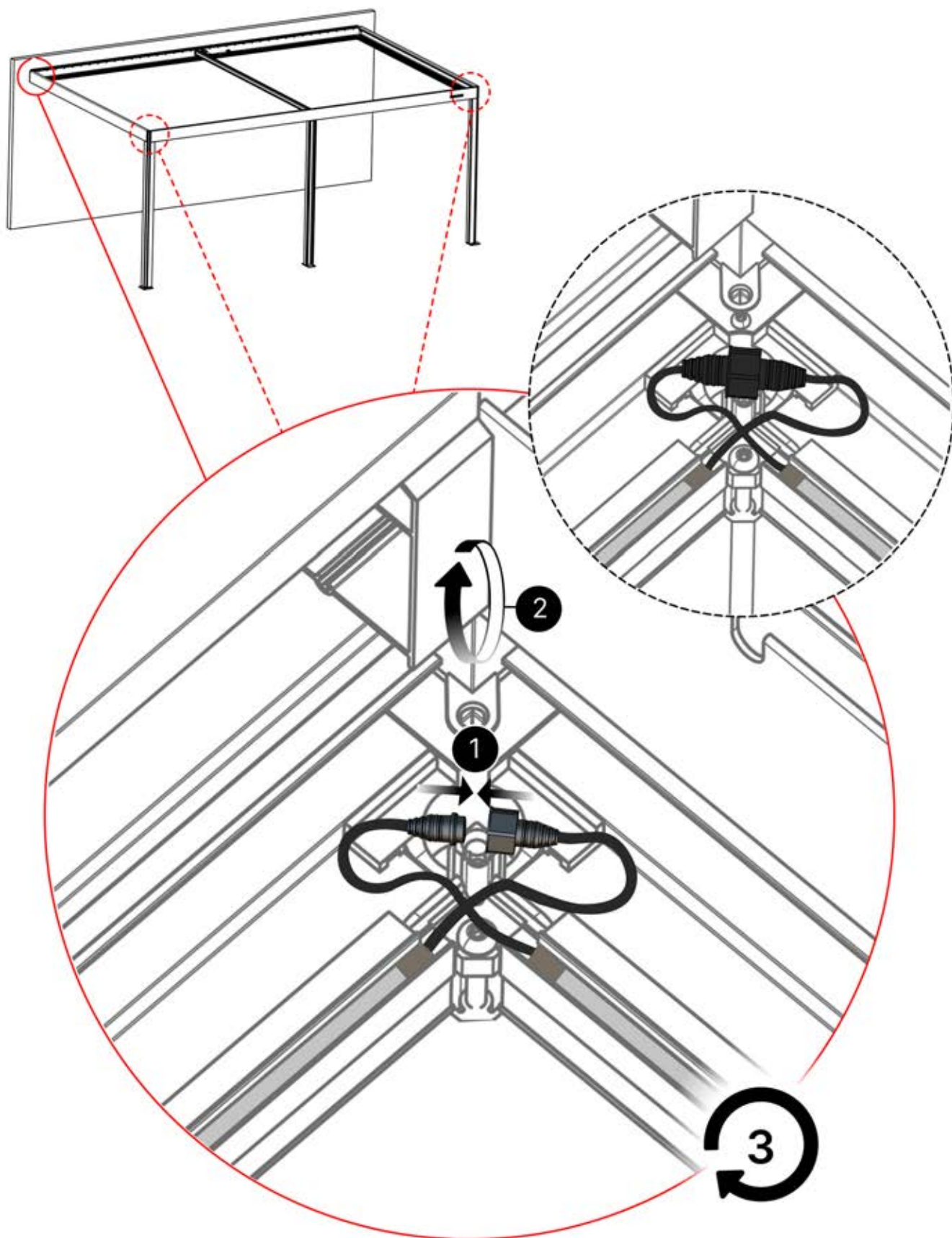
This side is the back and should
be positioned to face the beam



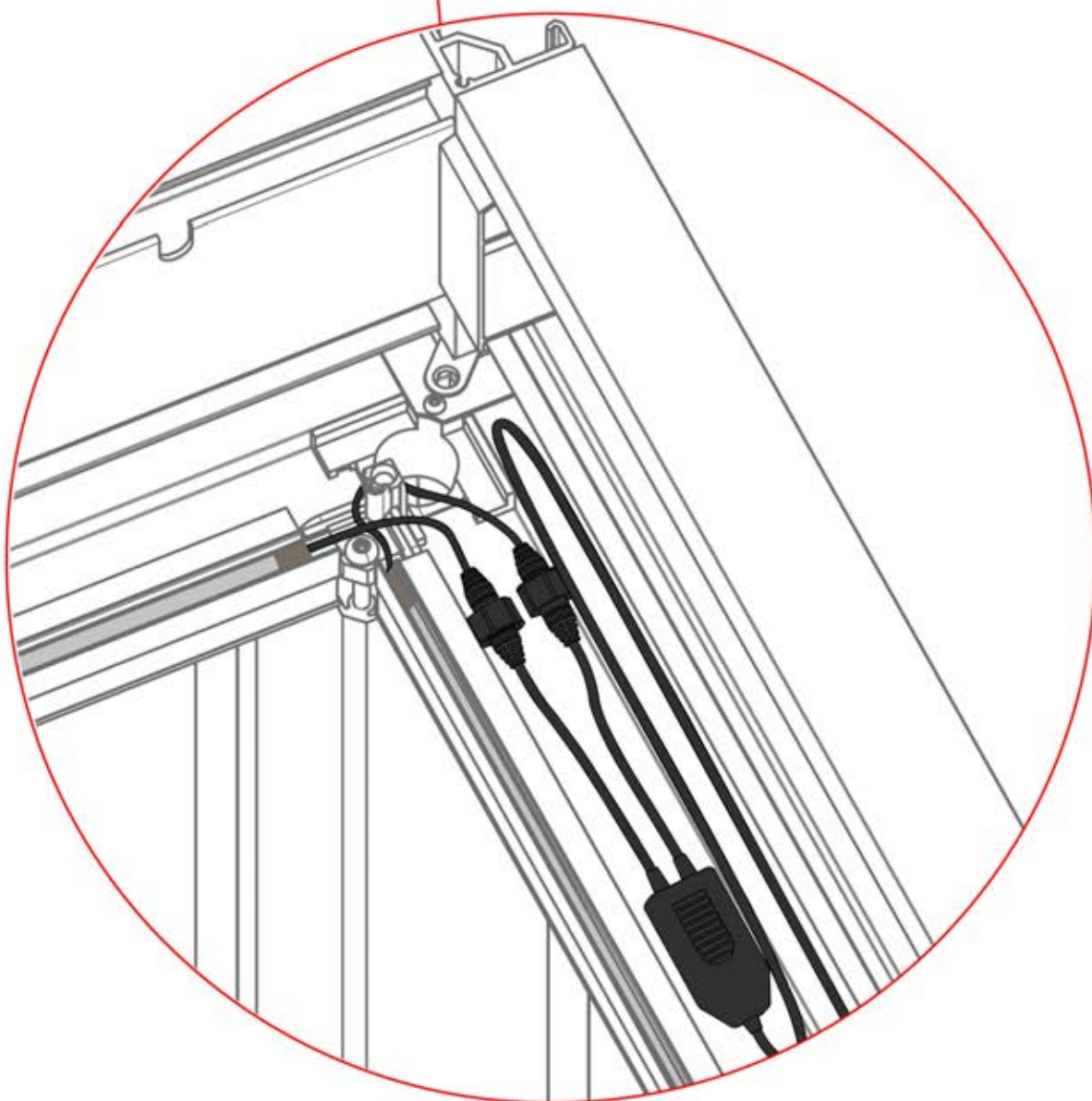
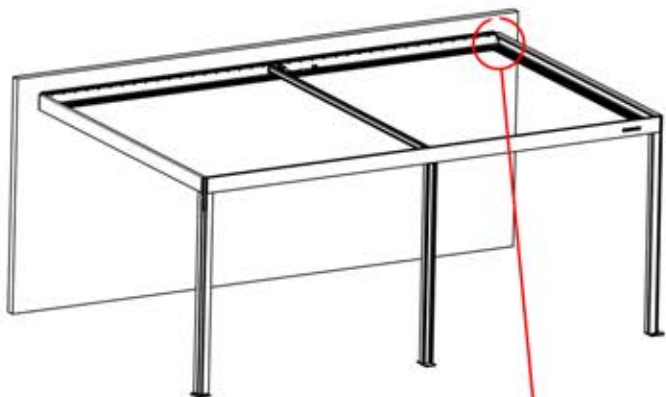
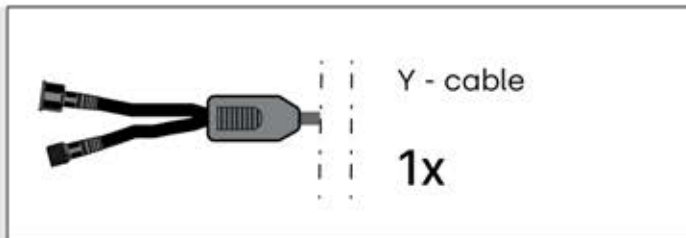
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



30



31



32

 **x1**

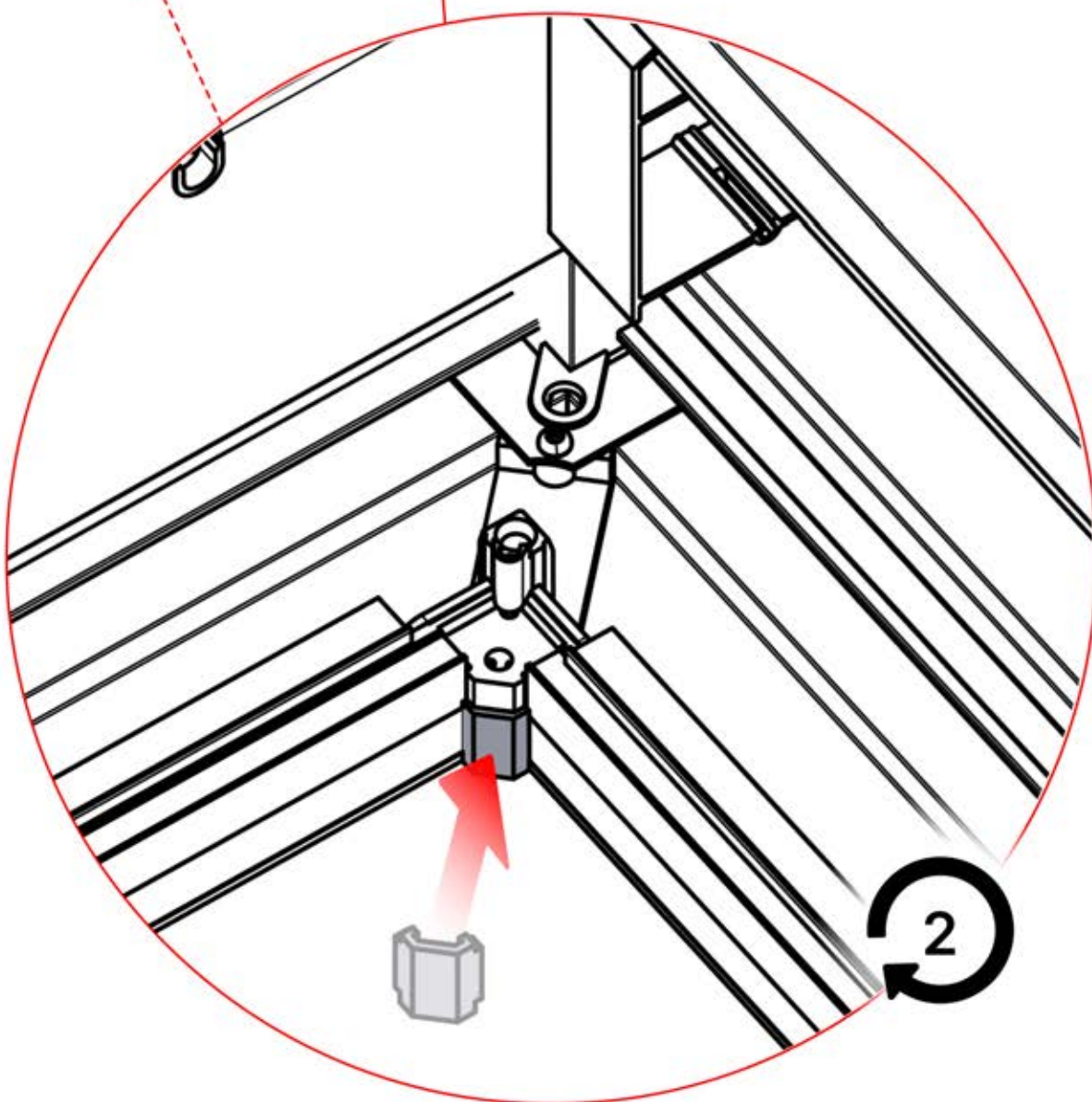
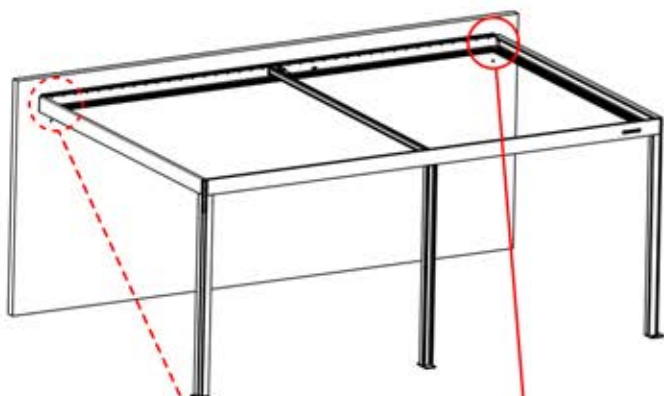
4

ANTHRACITE: B247
WHITE: B255
BLACK: B251

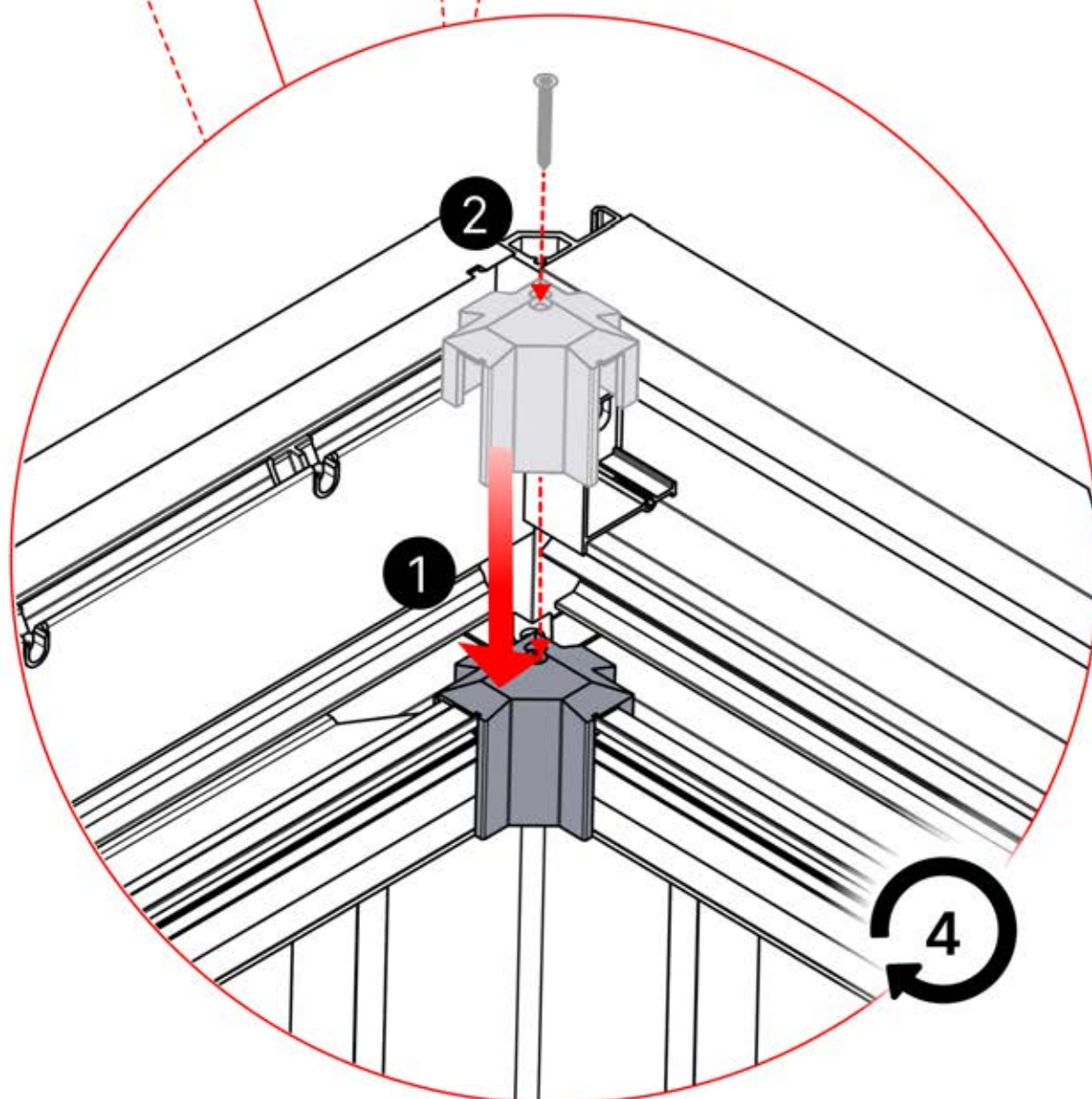
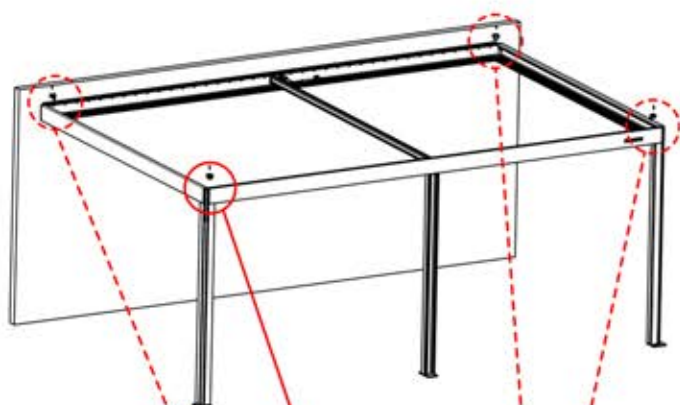
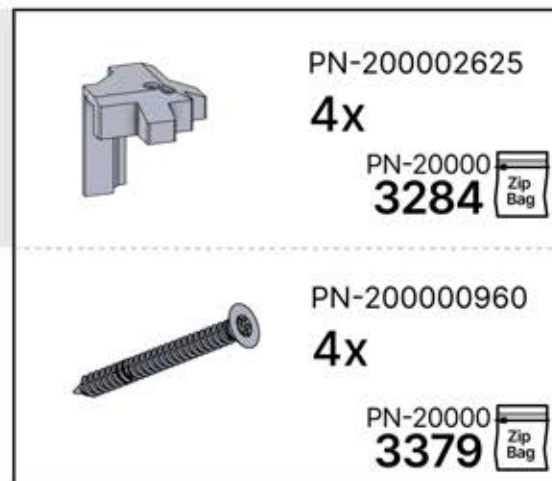
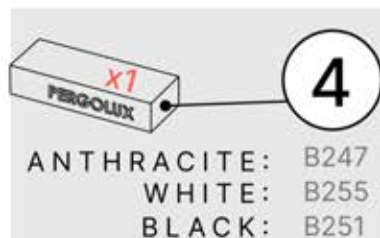


PN-200000516
2x

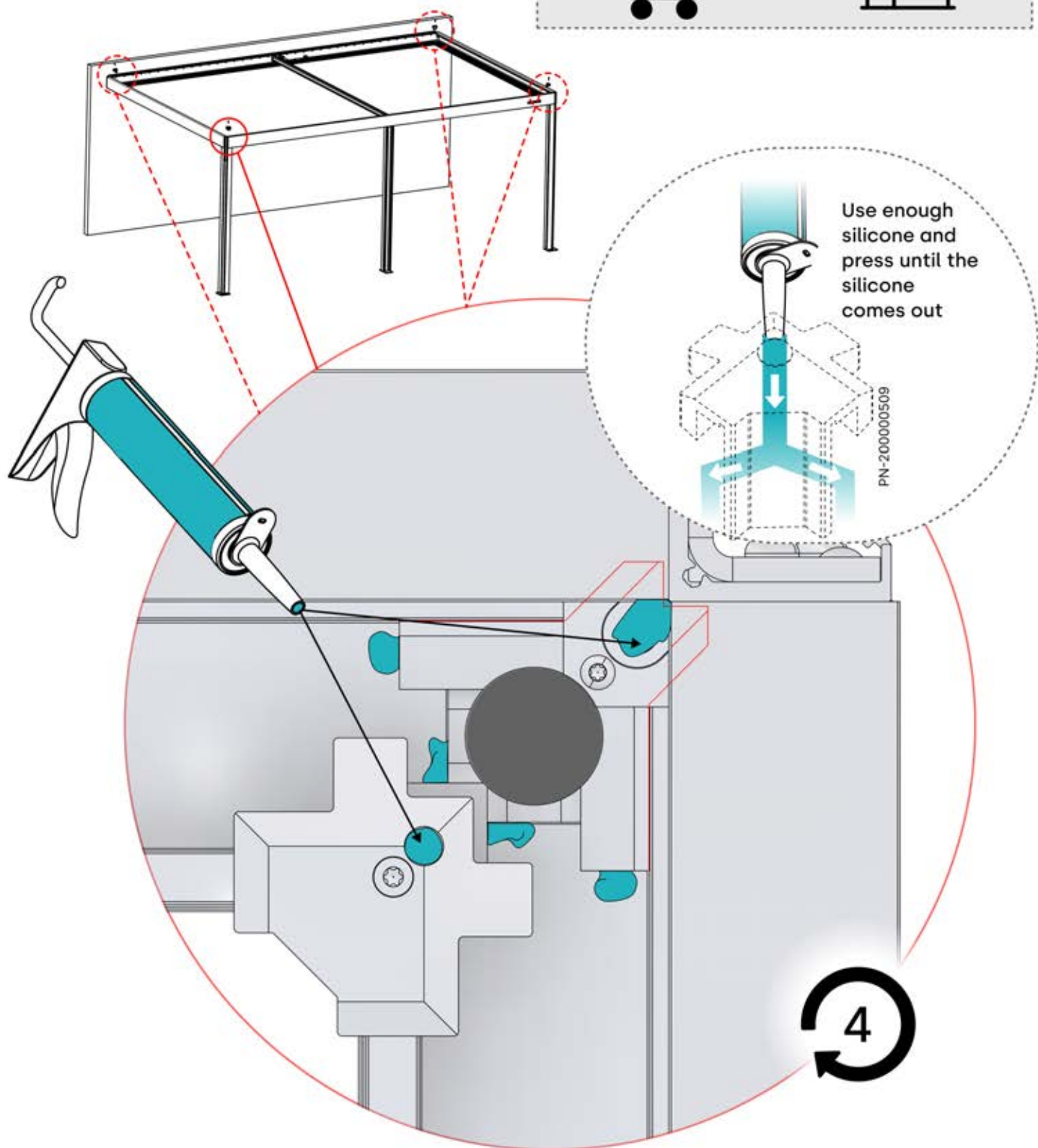
PN-20000
3365 



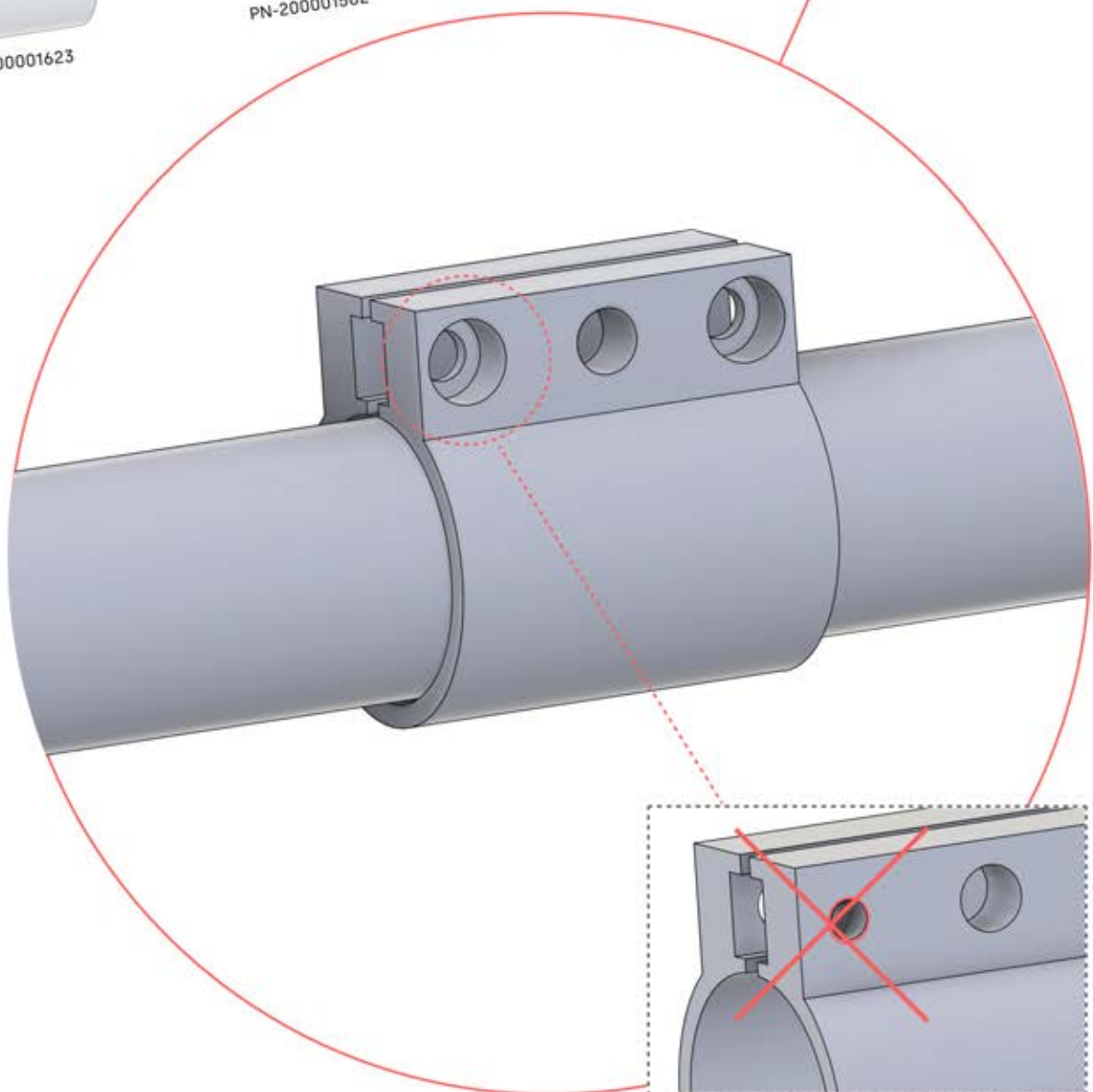
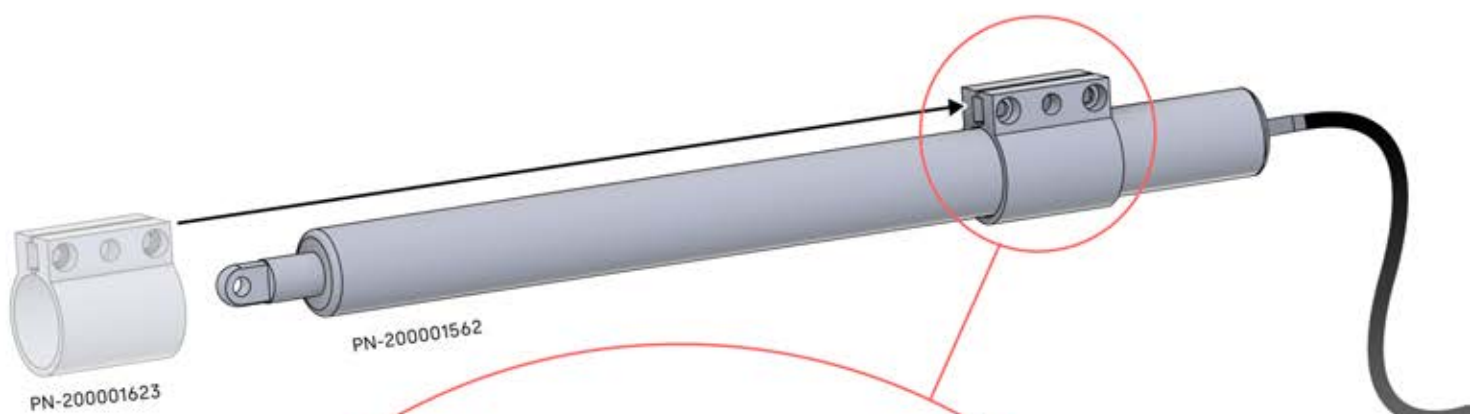
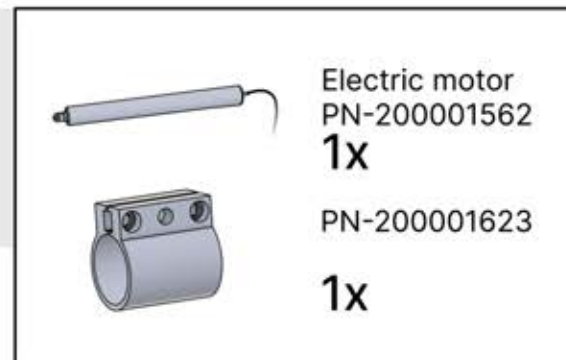
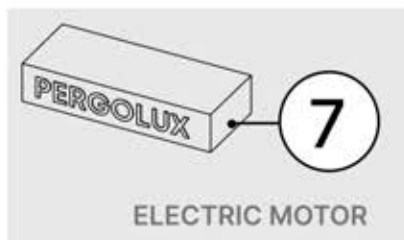
33



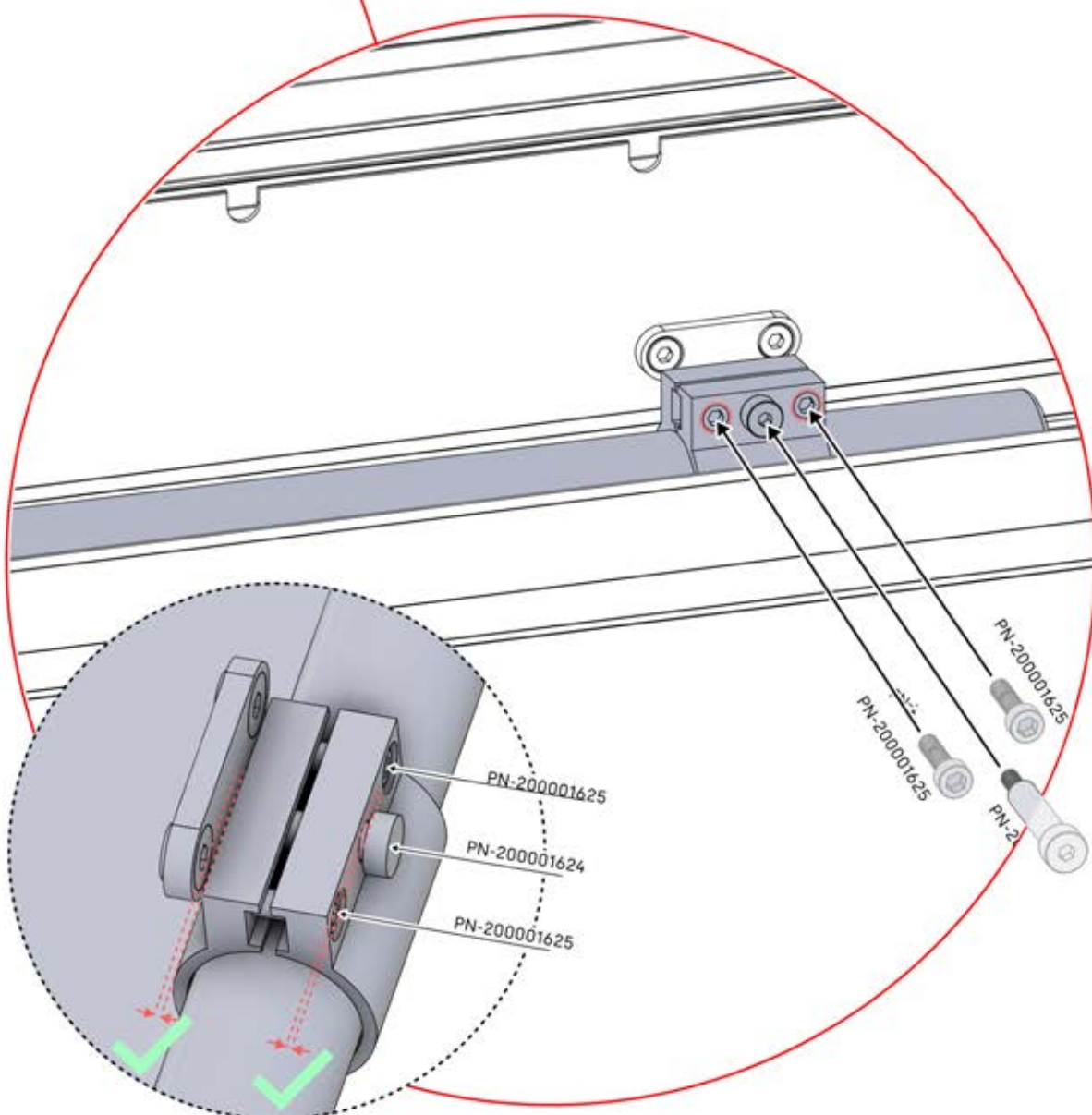
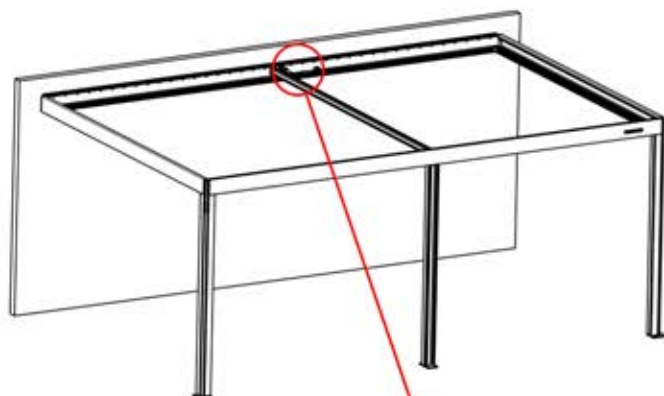
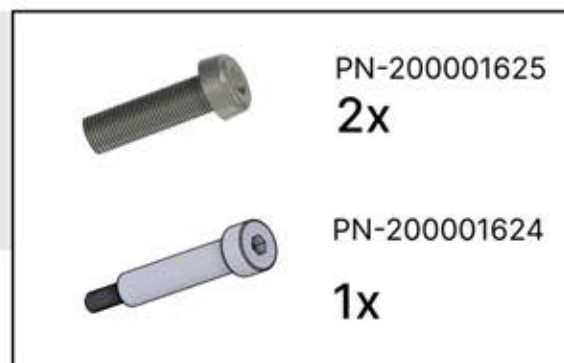
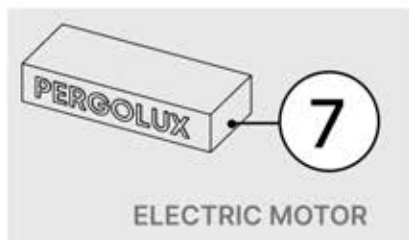
34



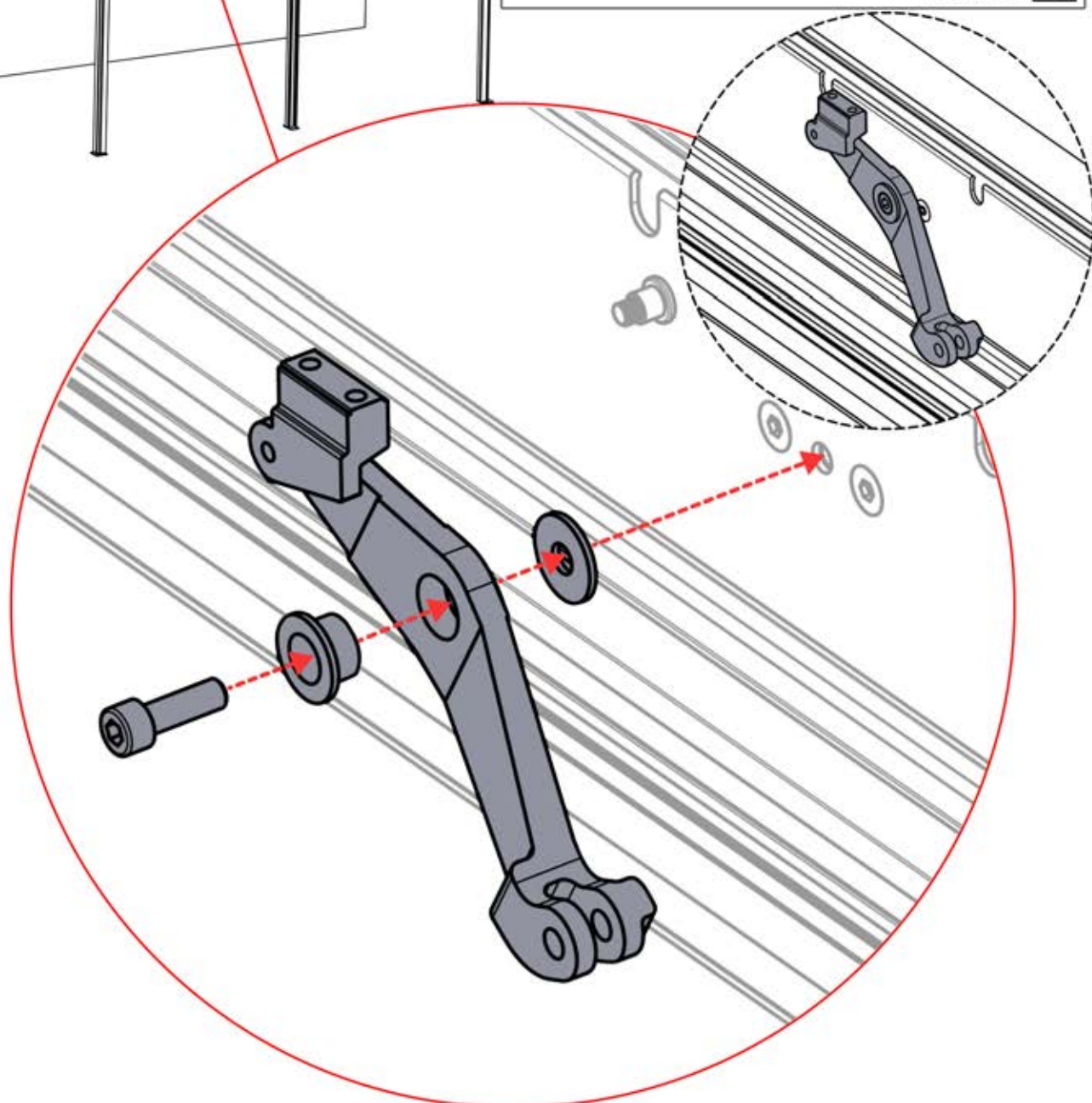
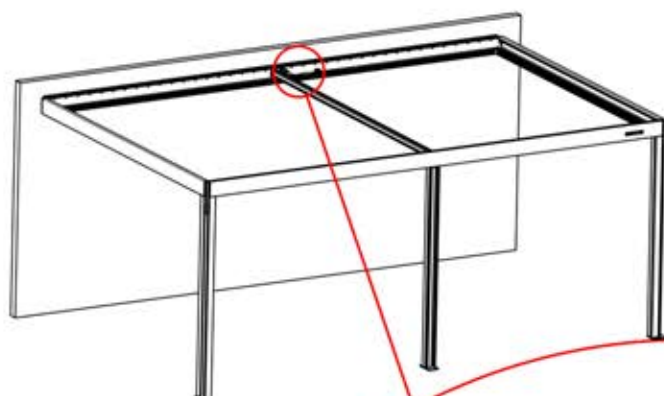
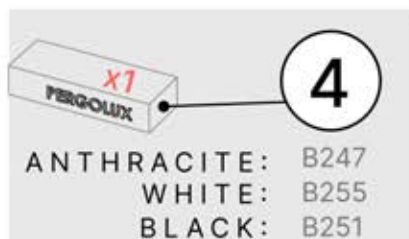
35



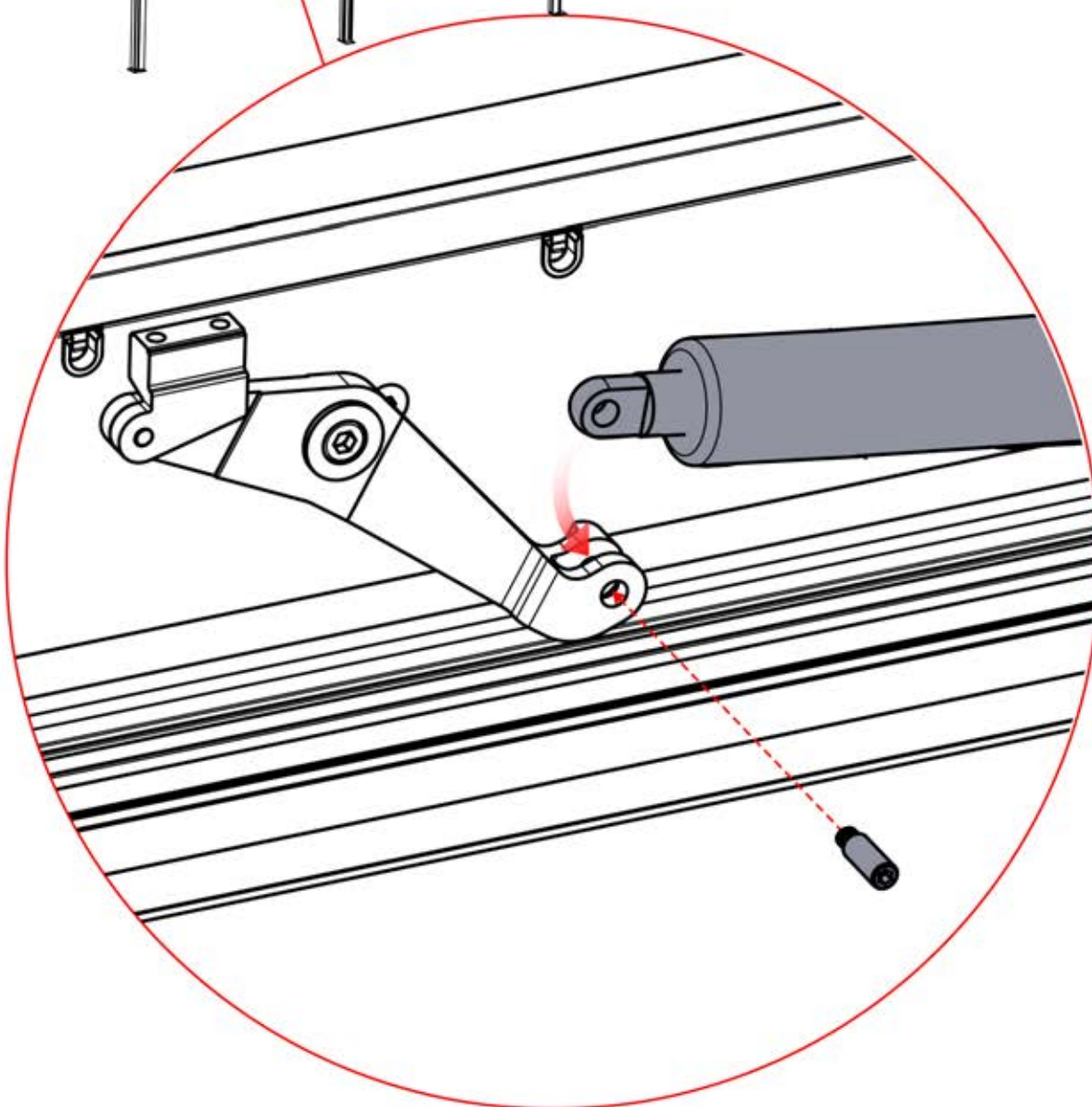
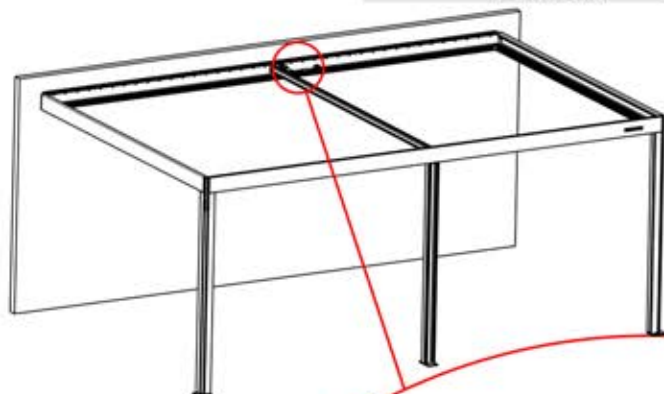
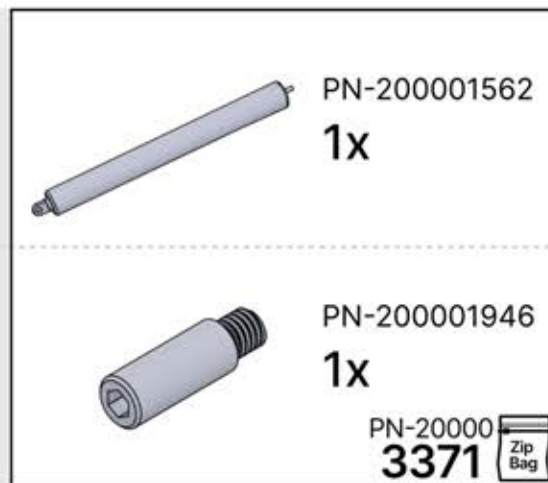
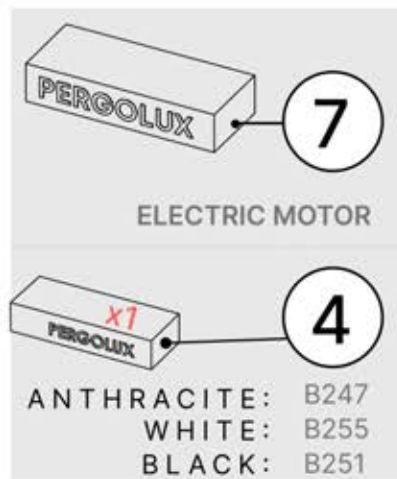
36



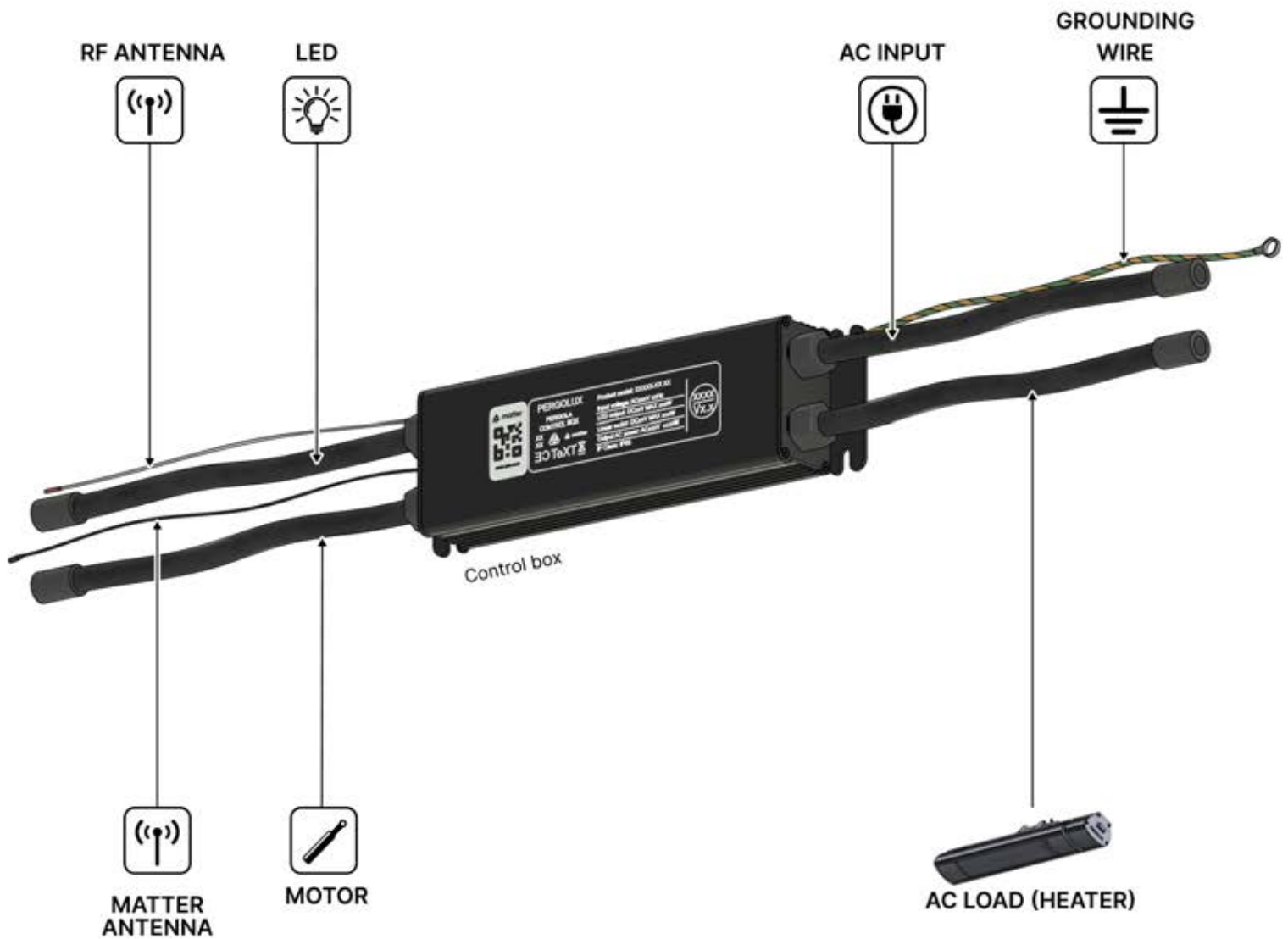
37



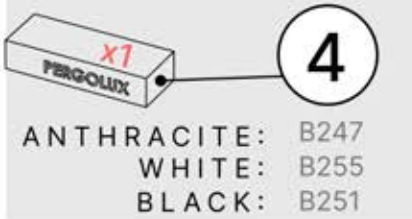
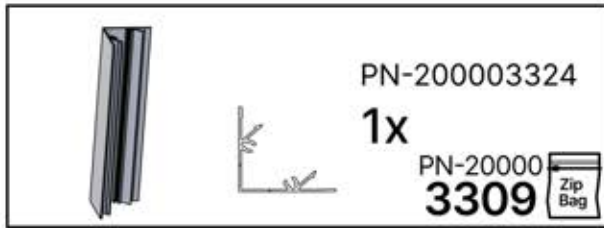
38



INPUTS AND OUTPUTS

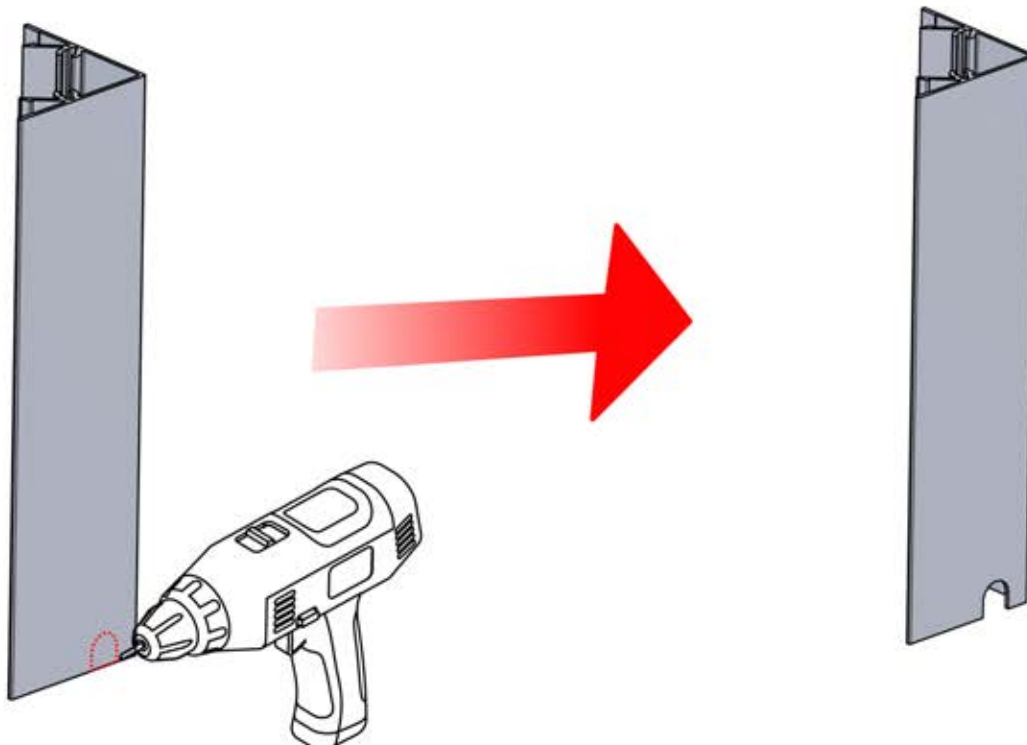


INFORMATION

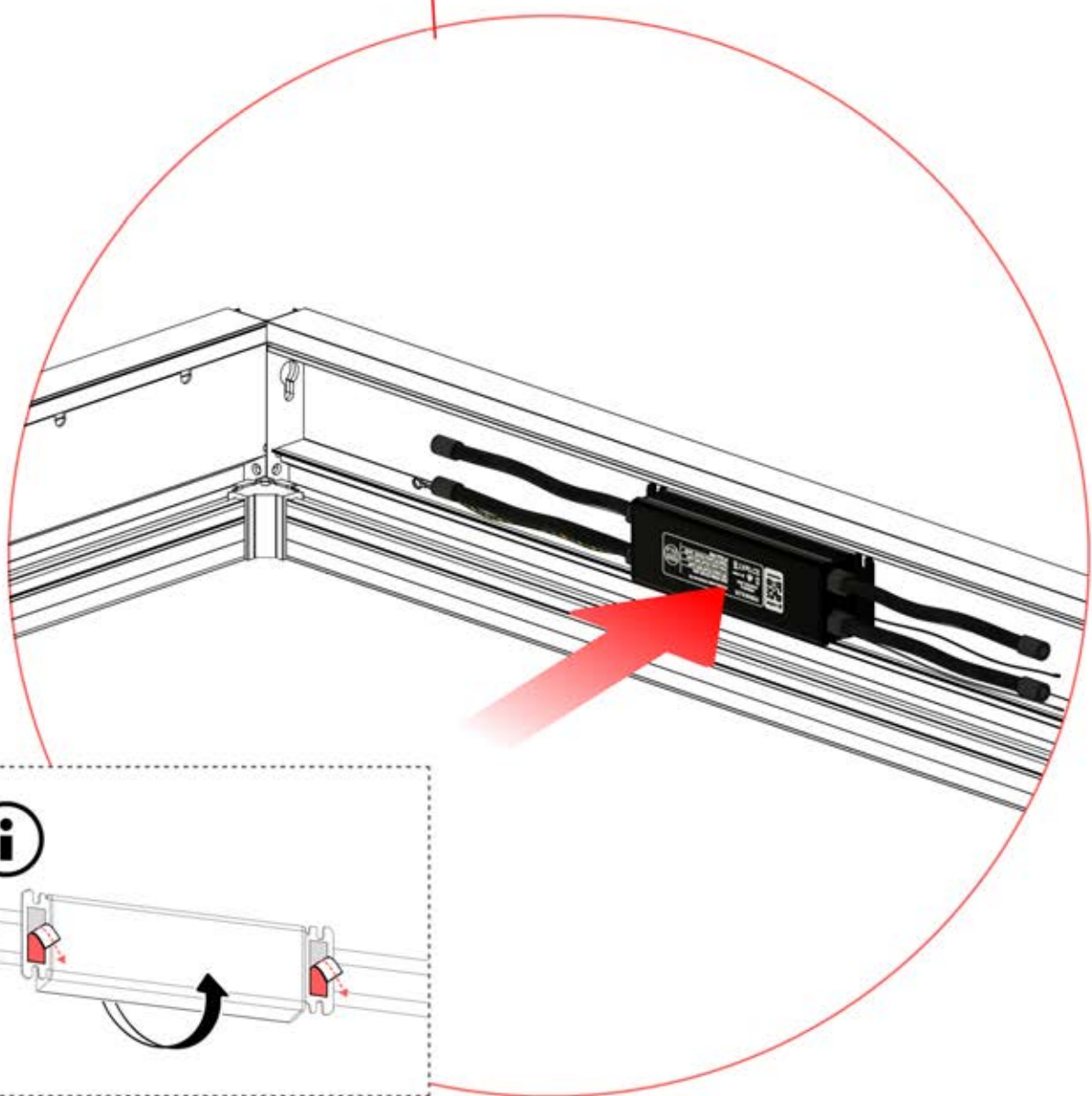
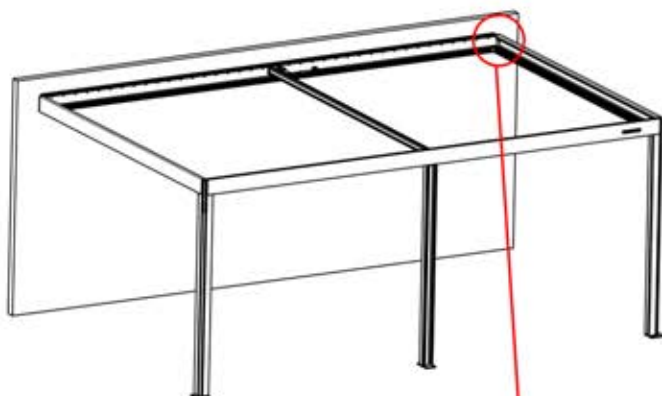
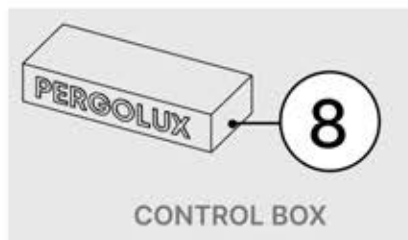


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200003324**) as illustrated. This allows the cable to pass through during installation in step 67.

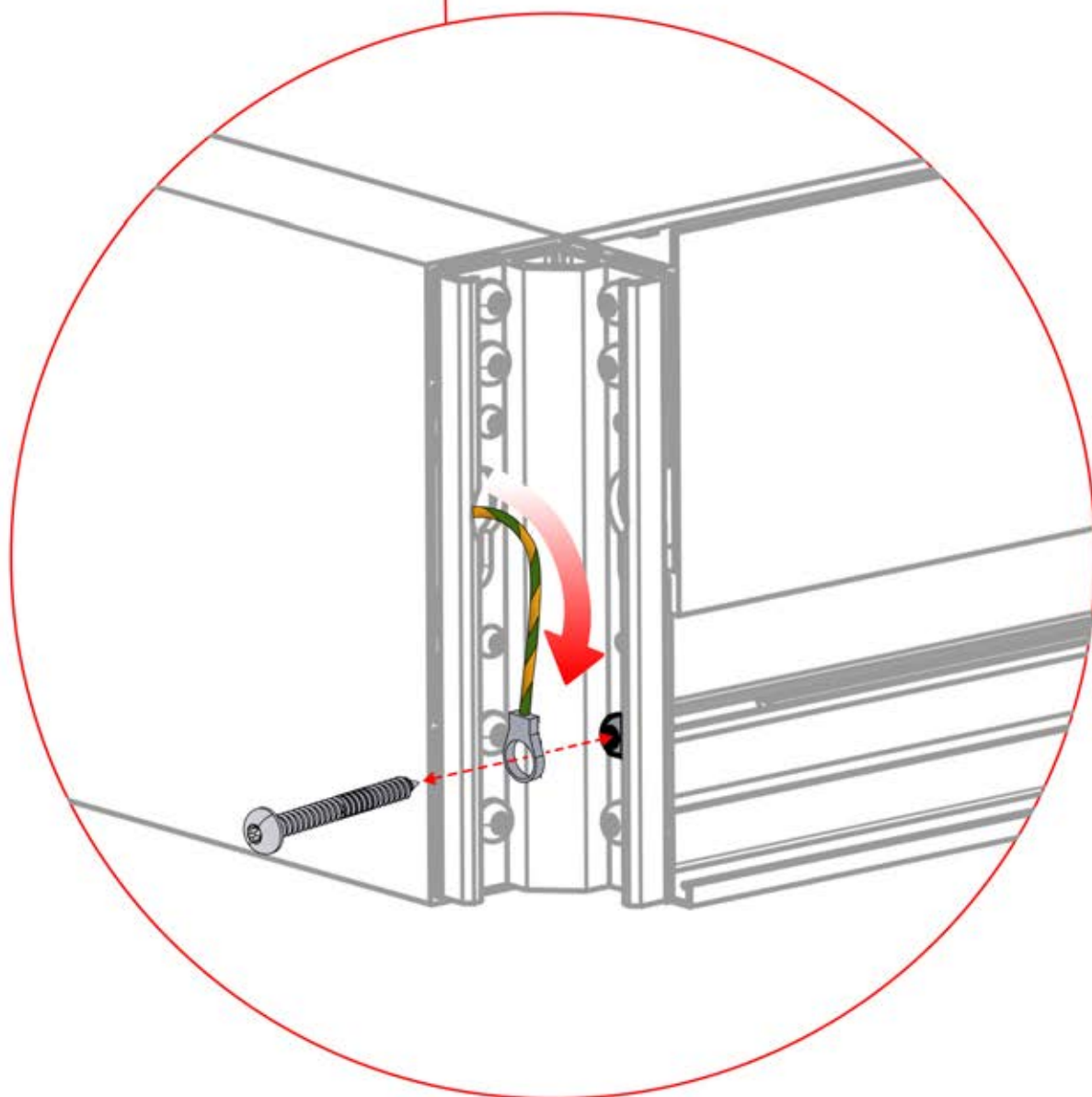
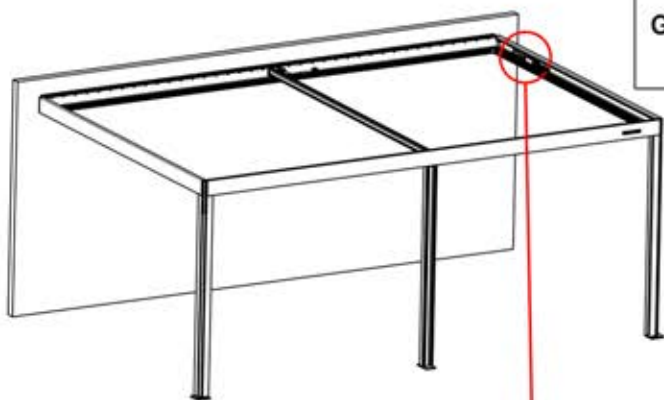
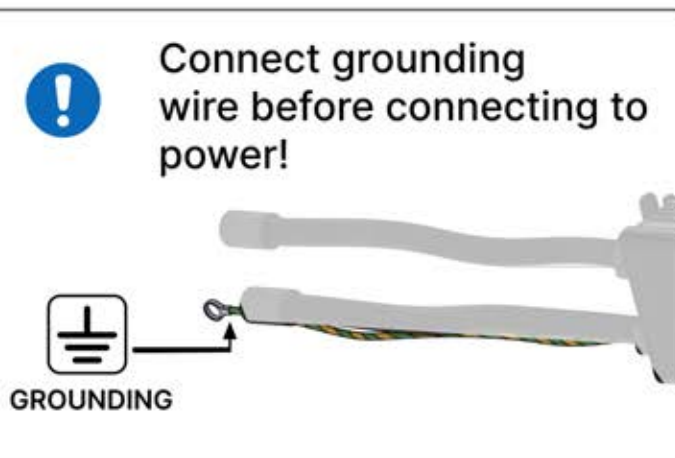
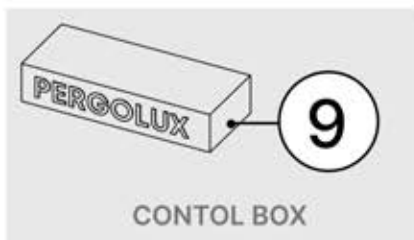
Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.



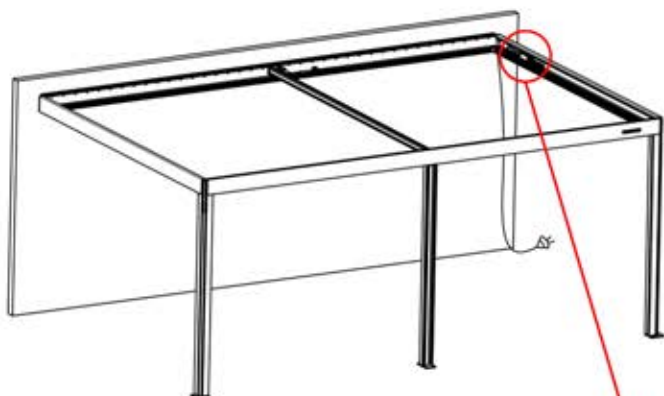
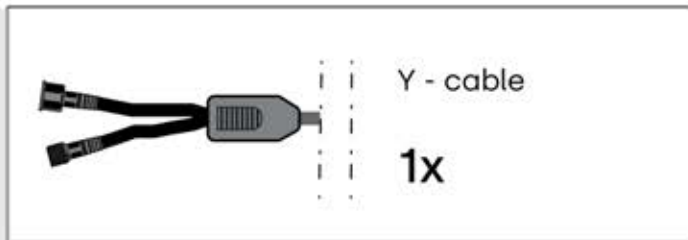
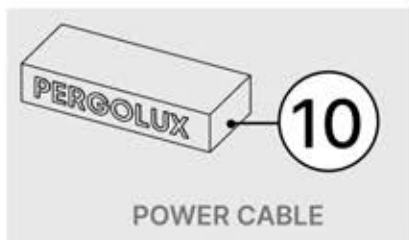
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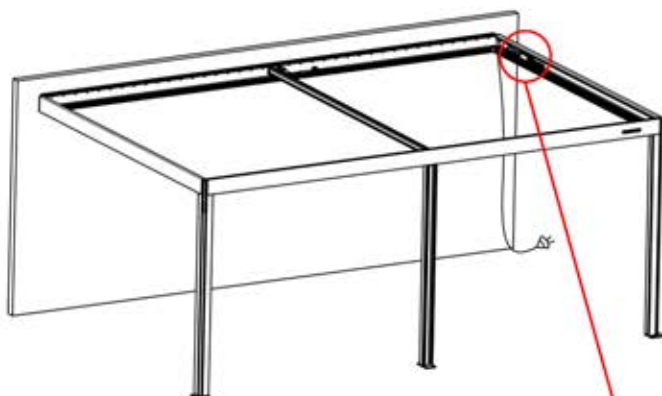
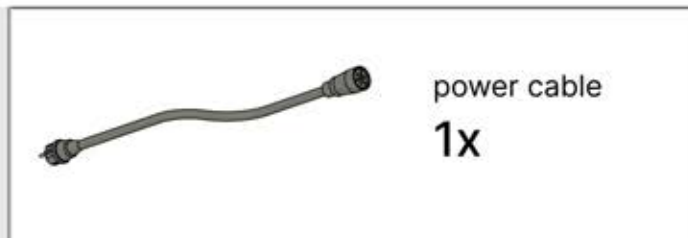
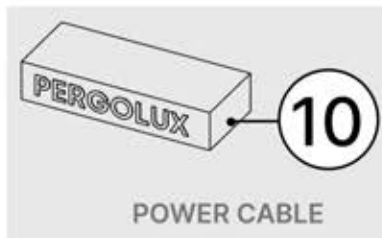
40



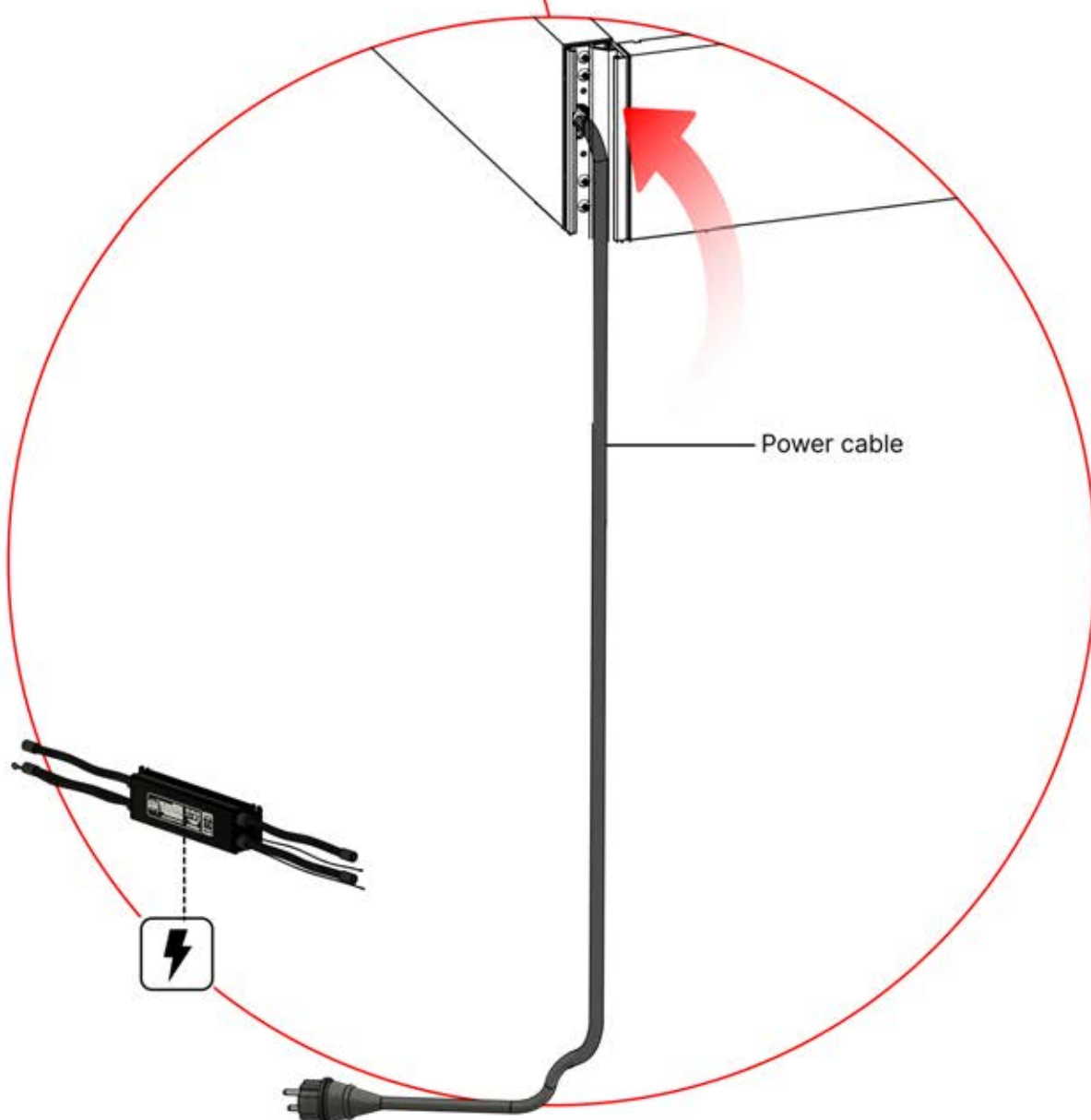
41



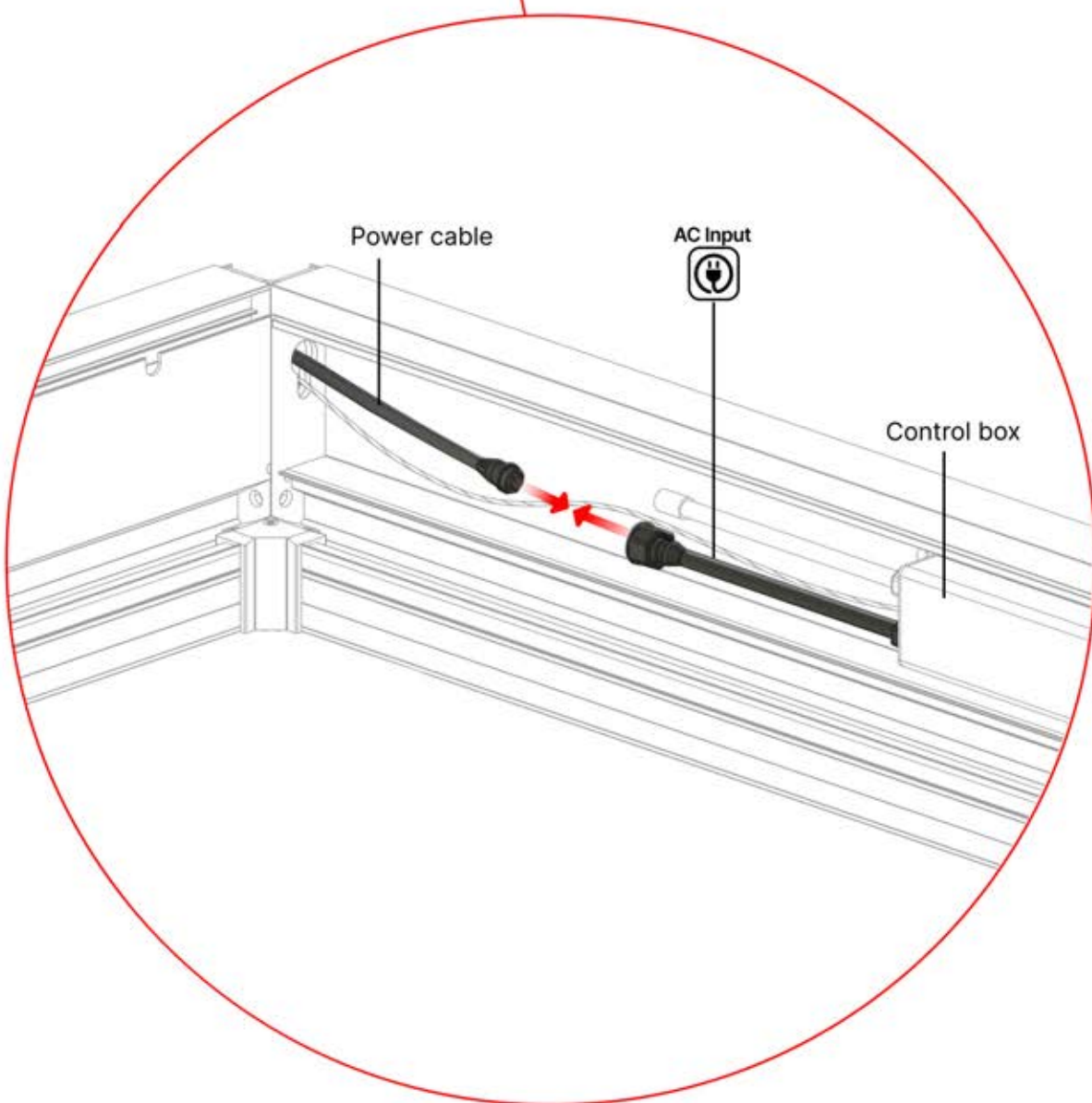
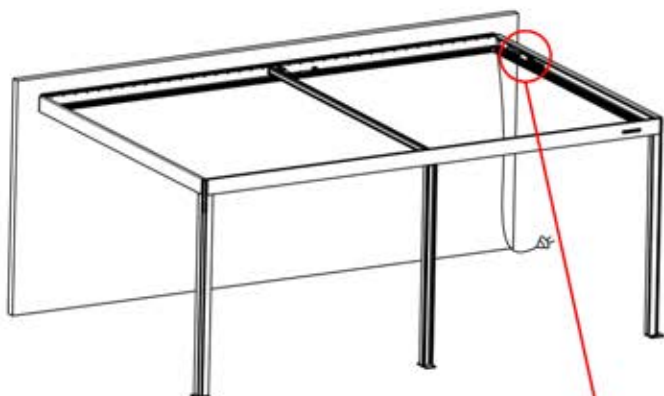
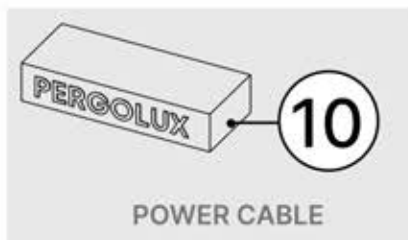
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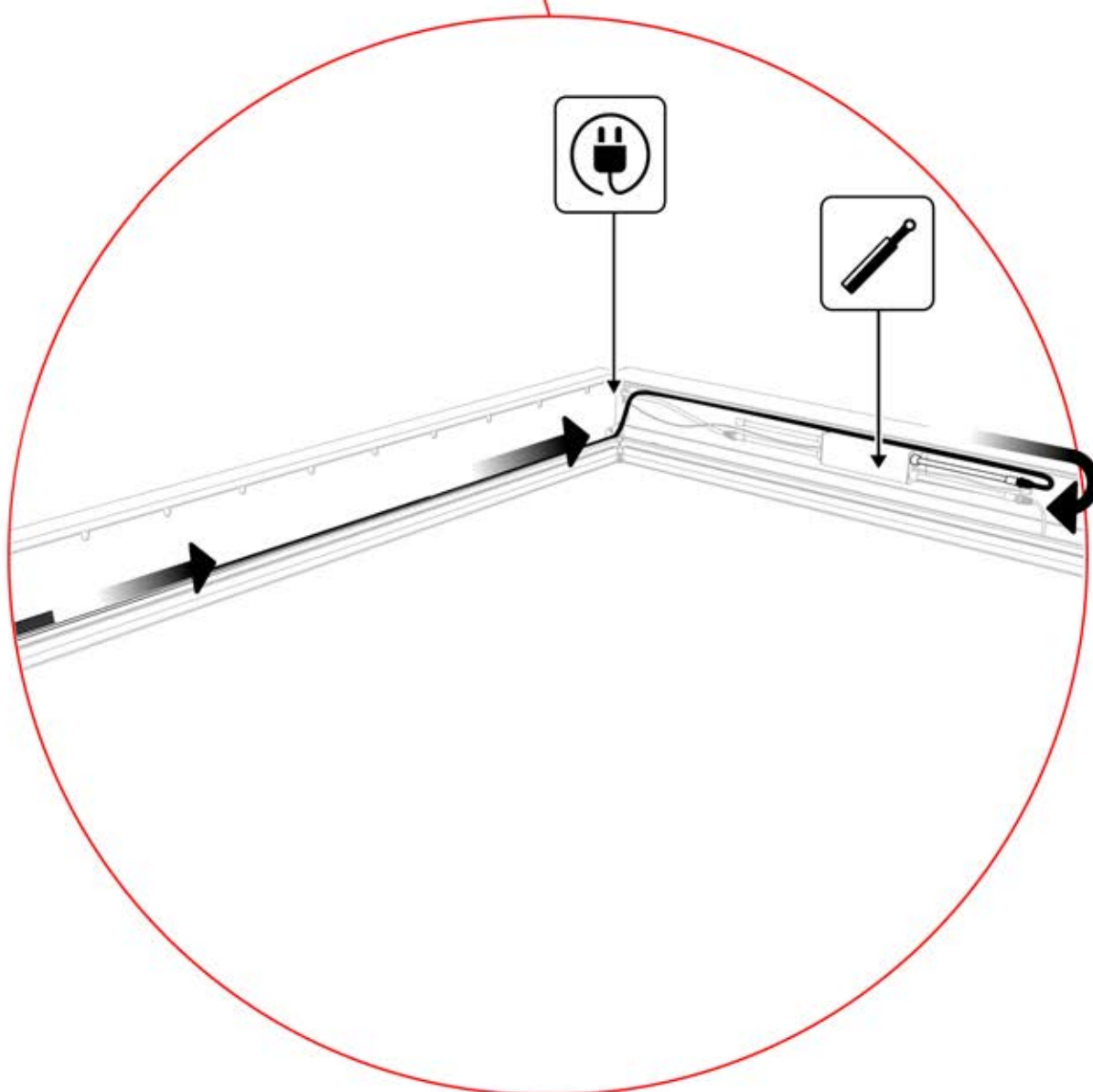
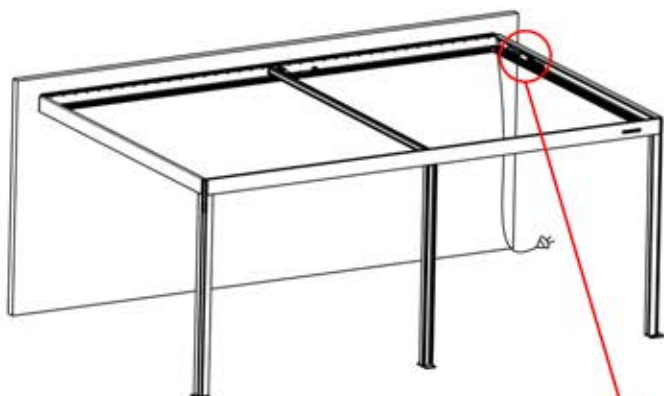
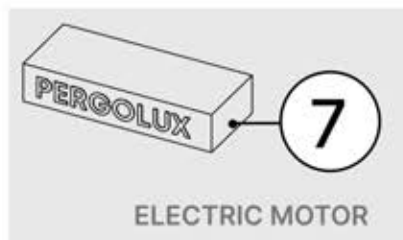
!
Power Cable can be
routed through all
the Poles.



43



44

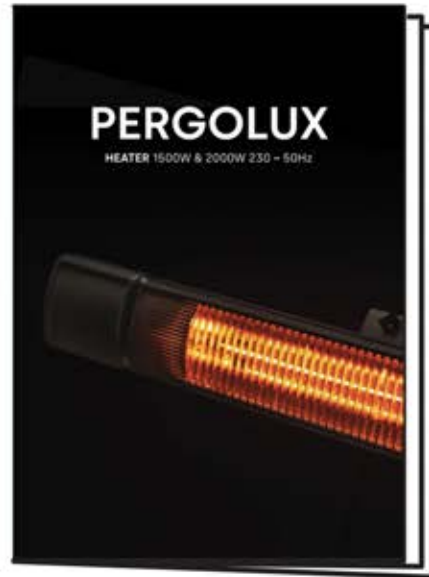


45

1

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

Follow the instructions in the heater assembly manual.



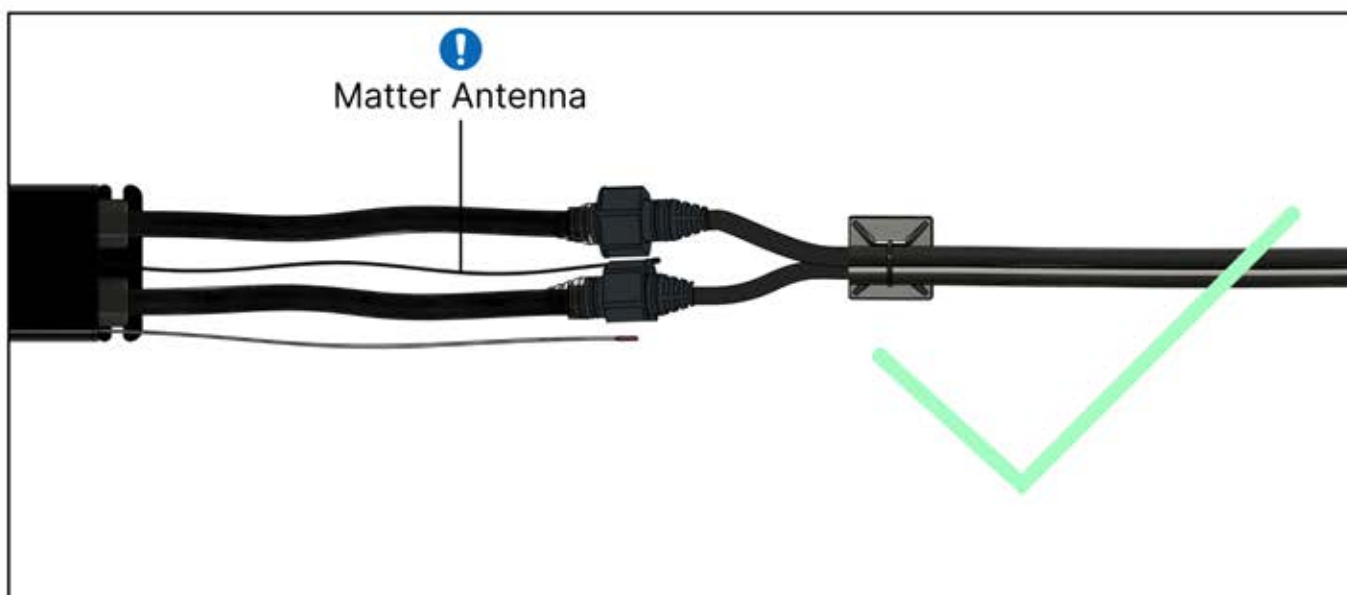
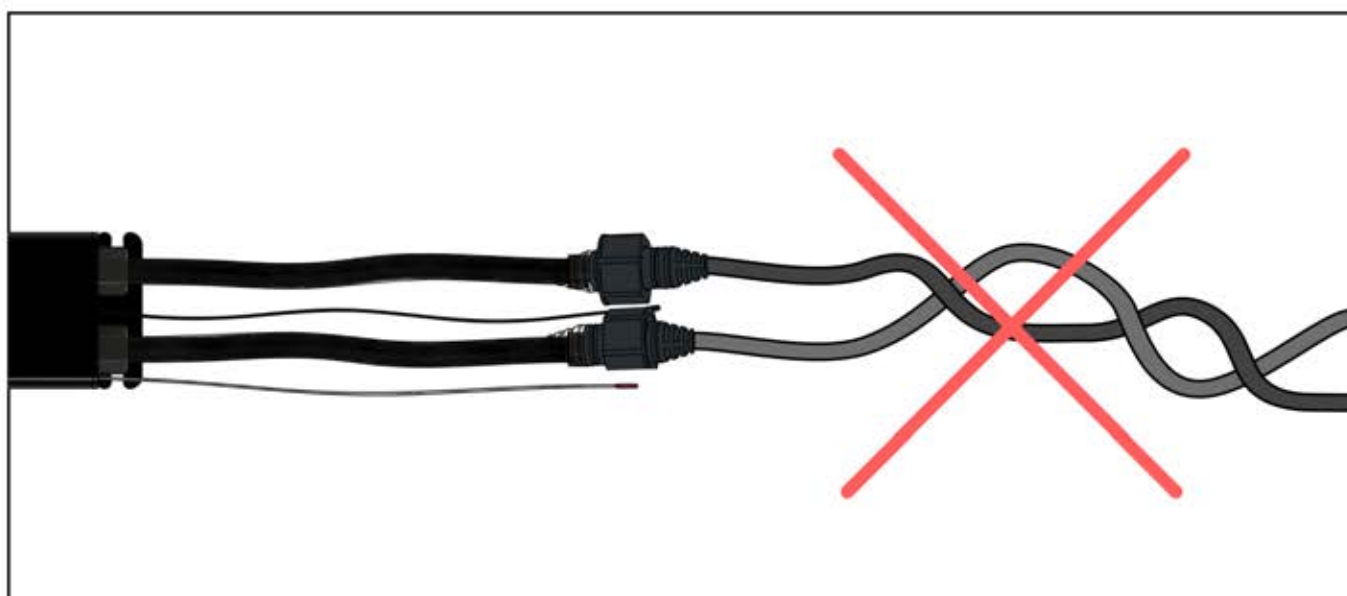
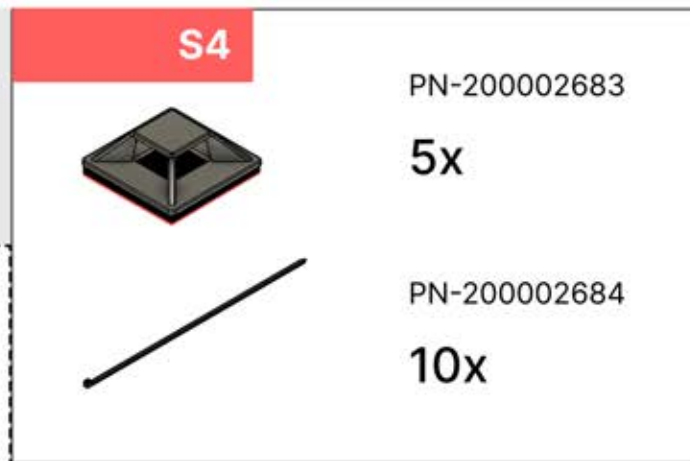
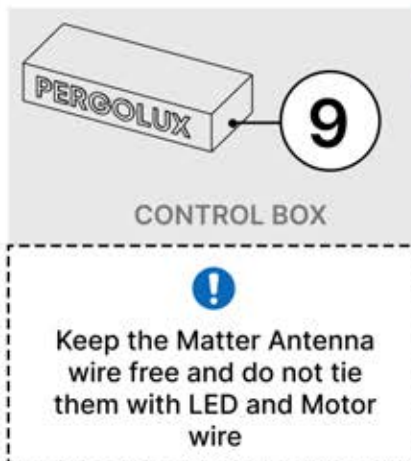
2

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

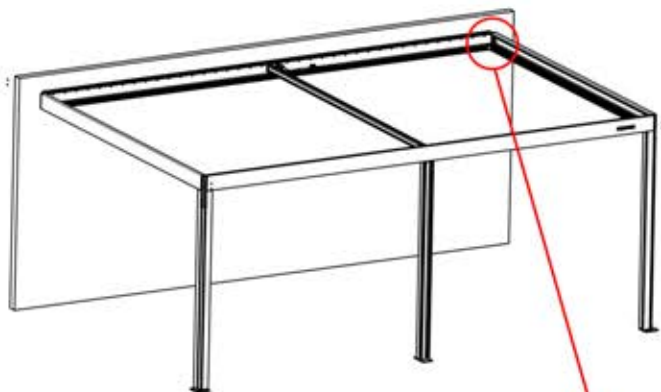
Follow the instruction in the assembly manual.



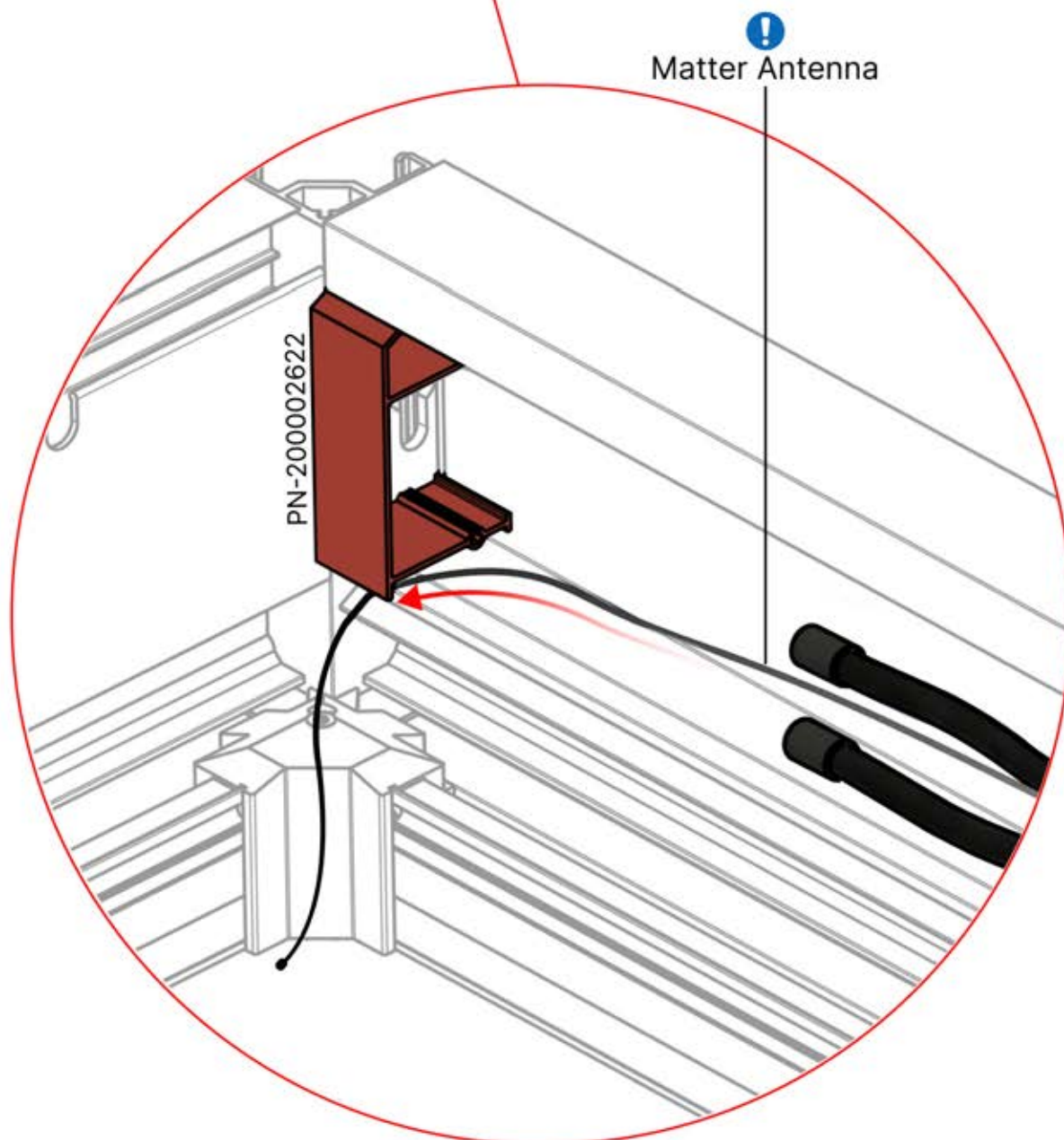
46



47




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



48



5

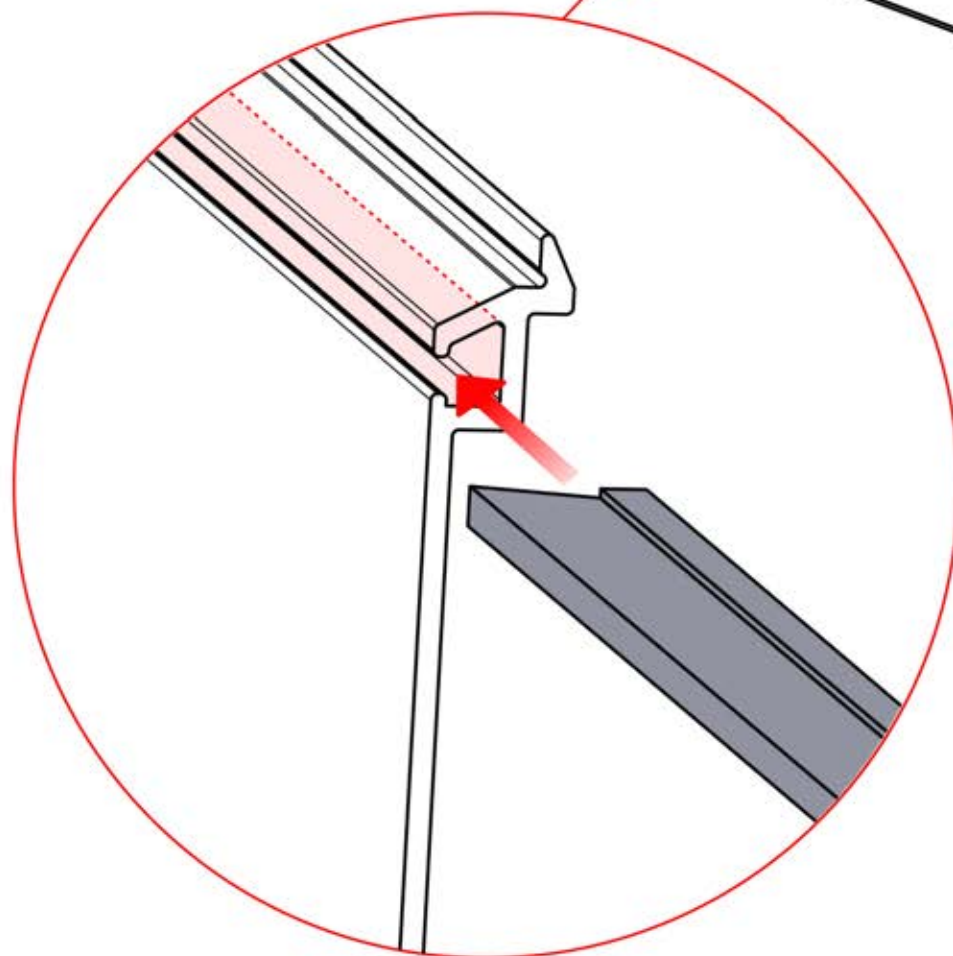
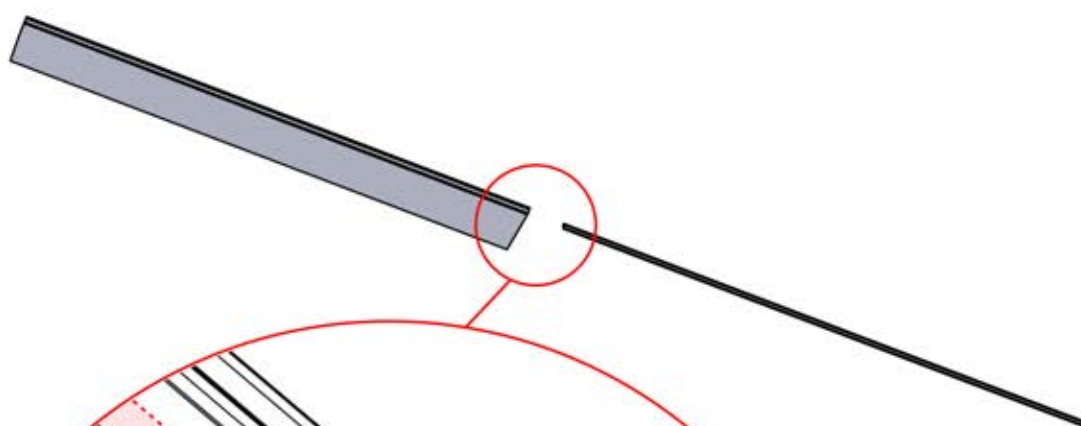
ANTHRACITE: B262
WHITE: B266
BLACK: B264



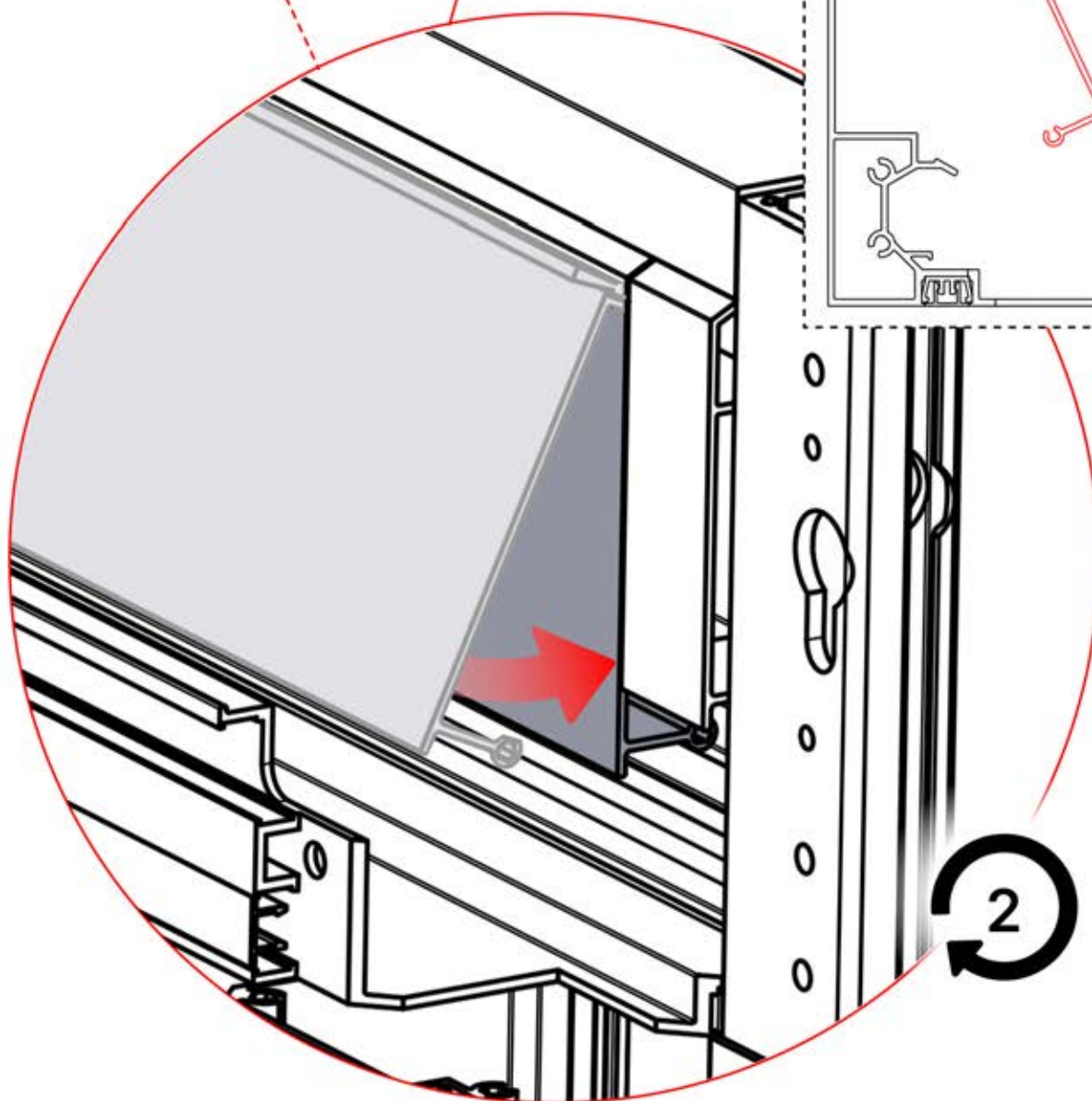
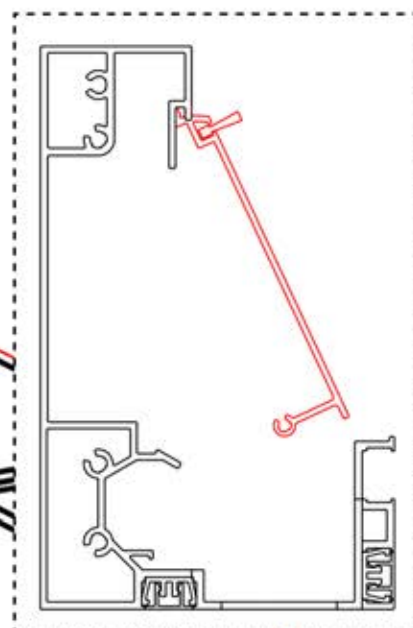
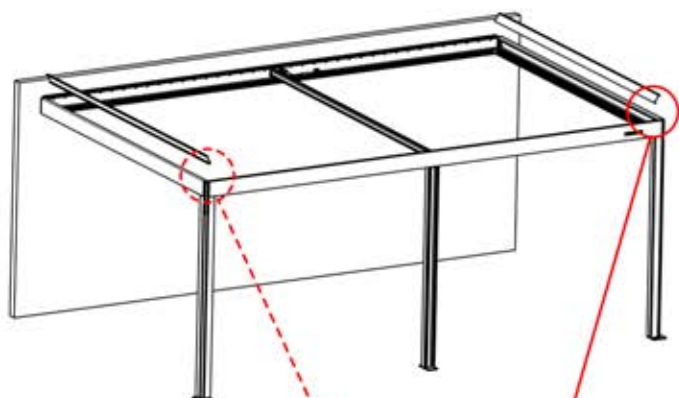
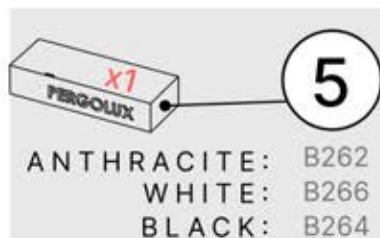
PN-200003035
2x



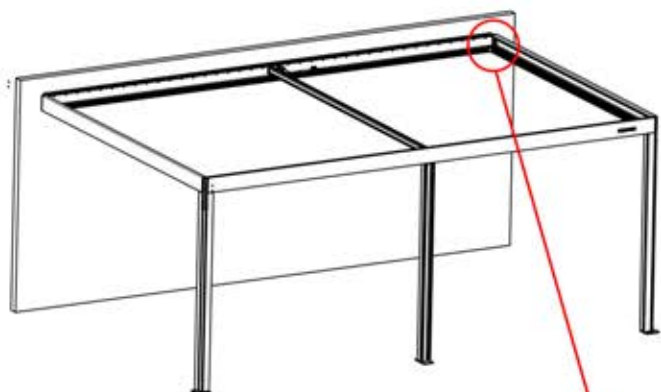
PN-200003043
2x



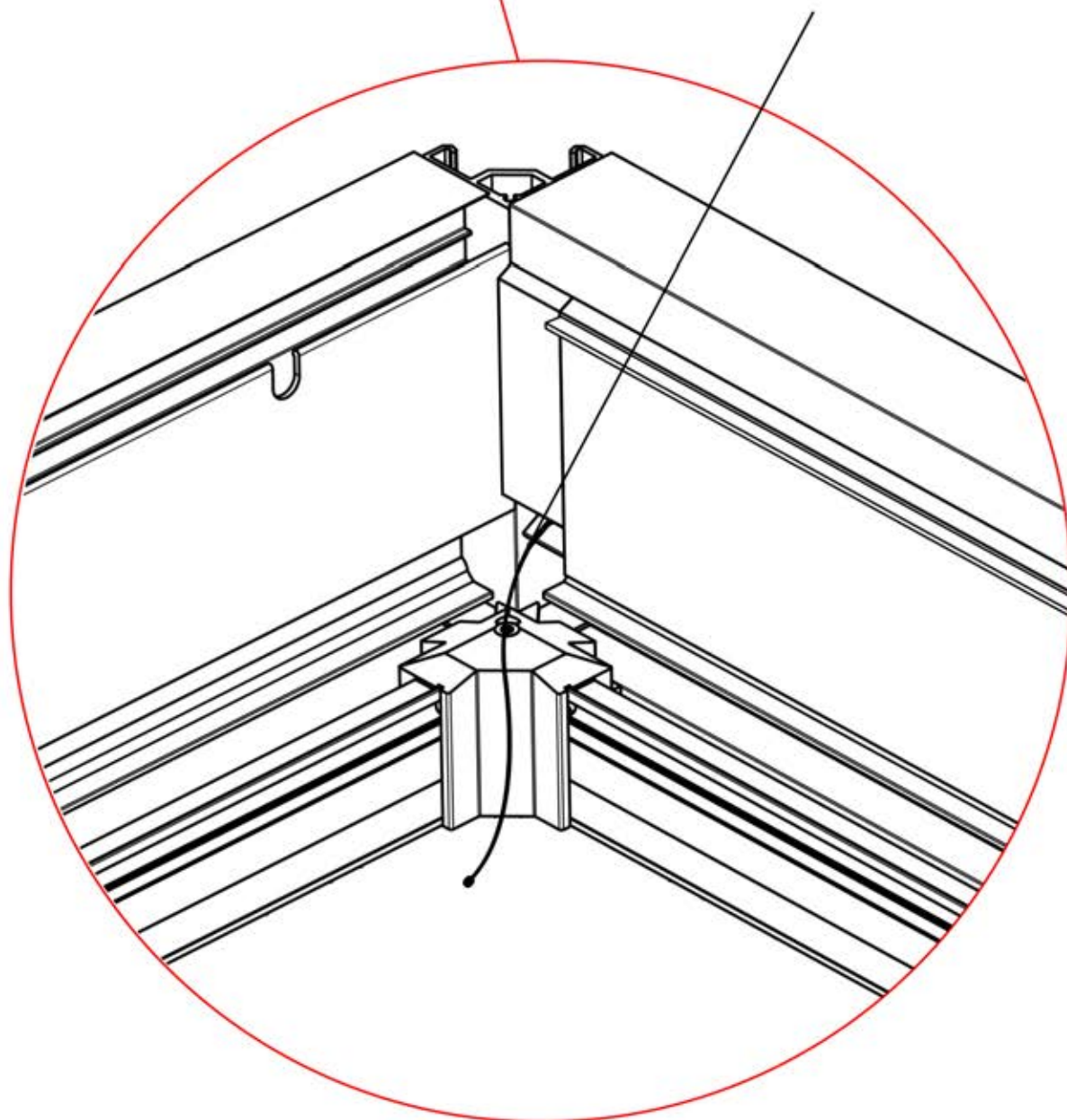
49



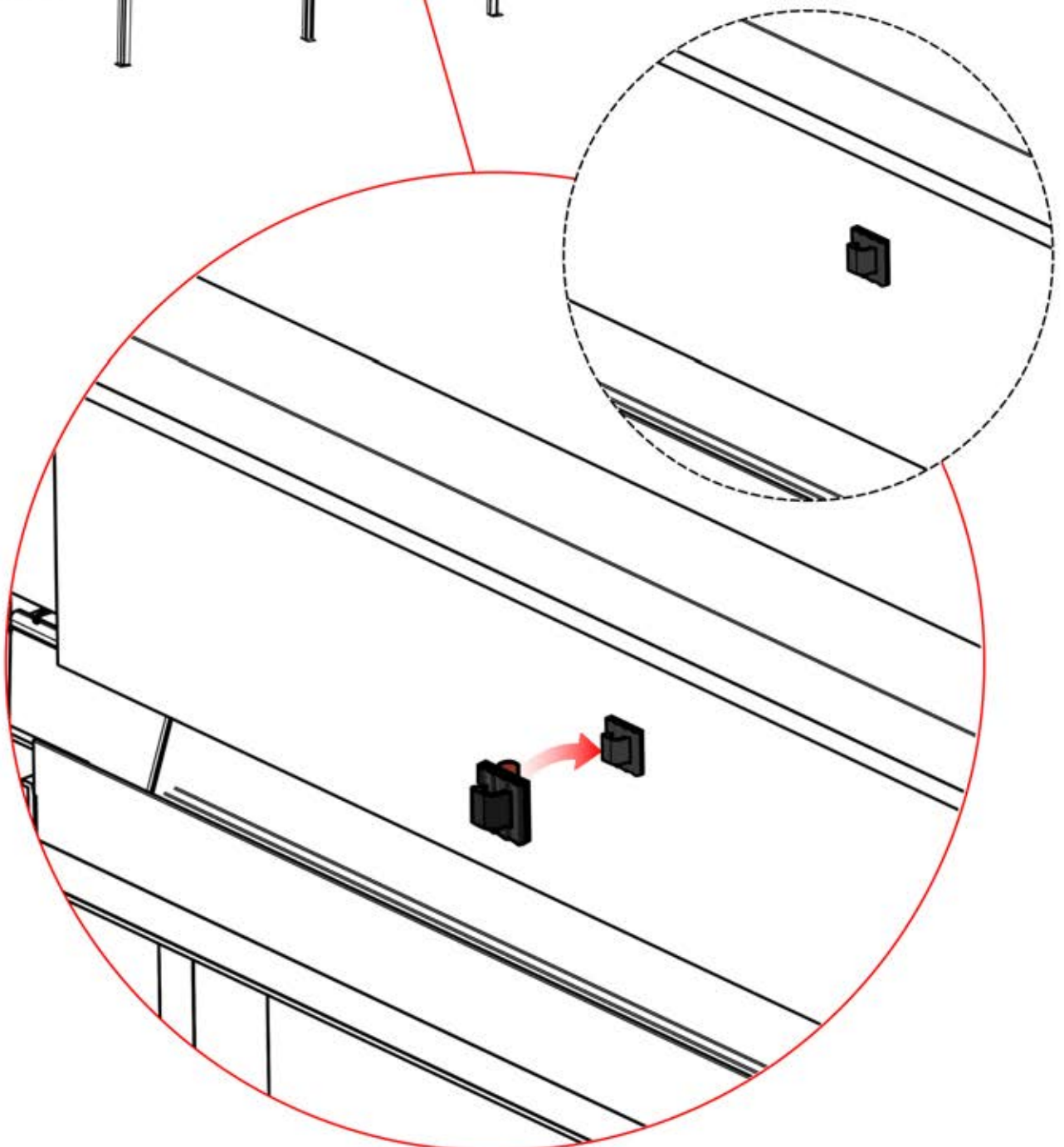
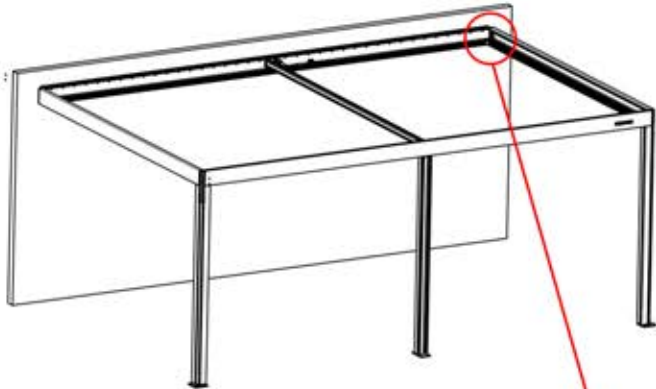
INFORMATION



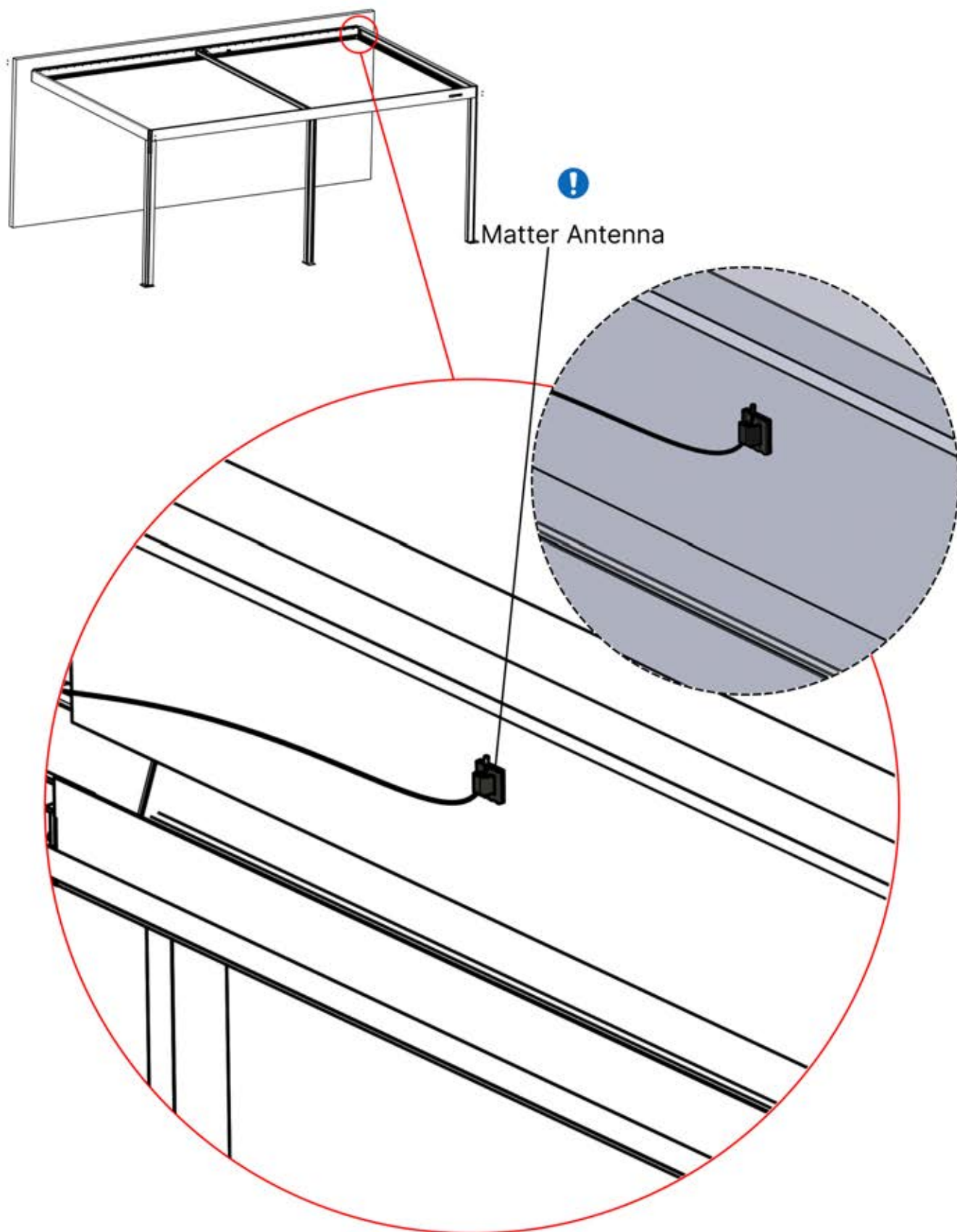
Matter Antenna



50



51

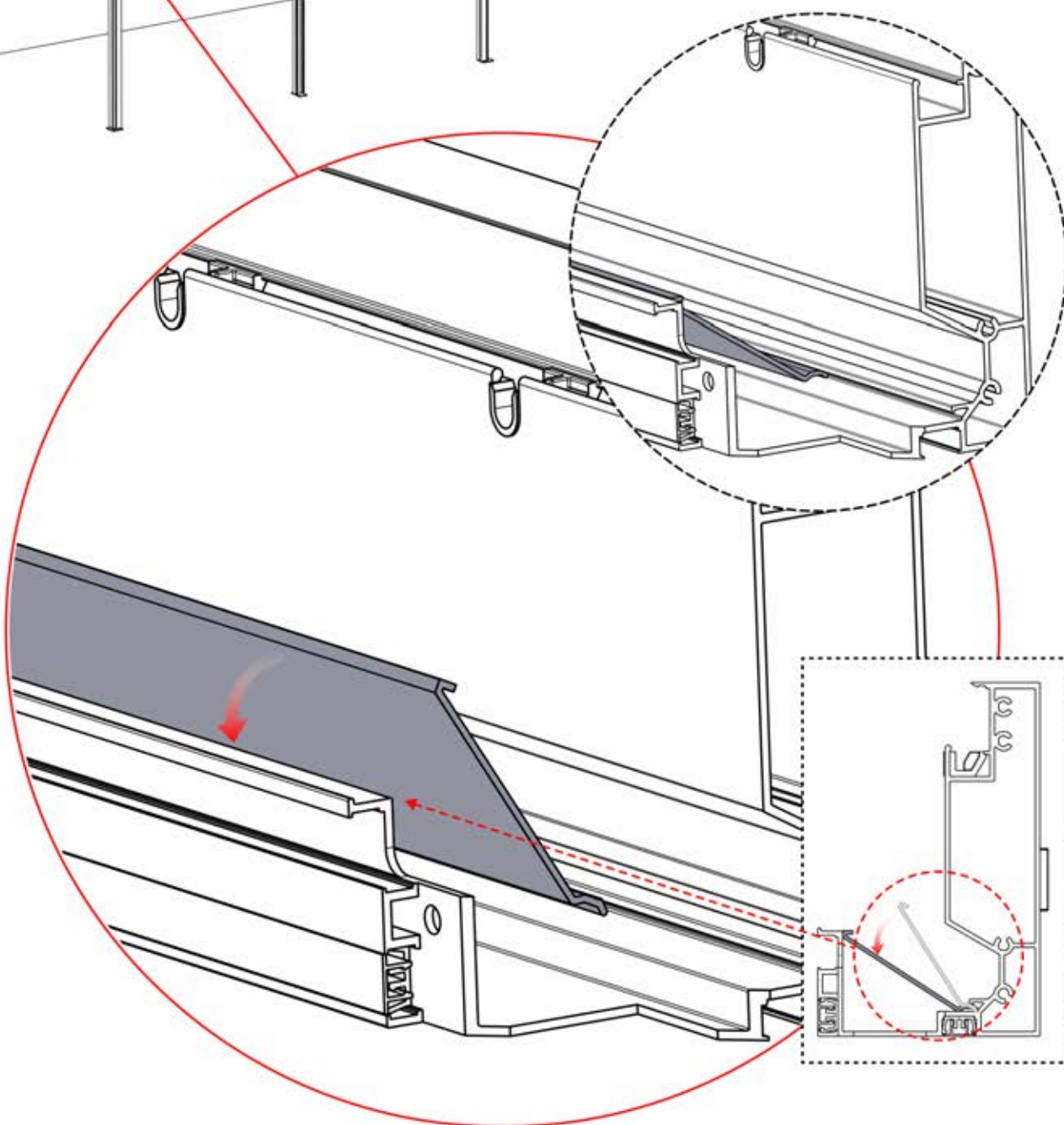
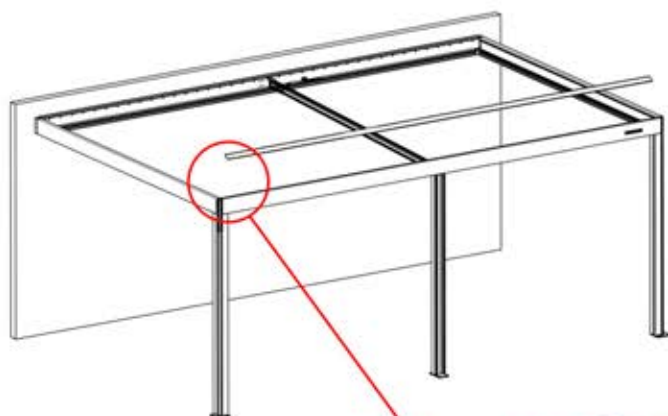
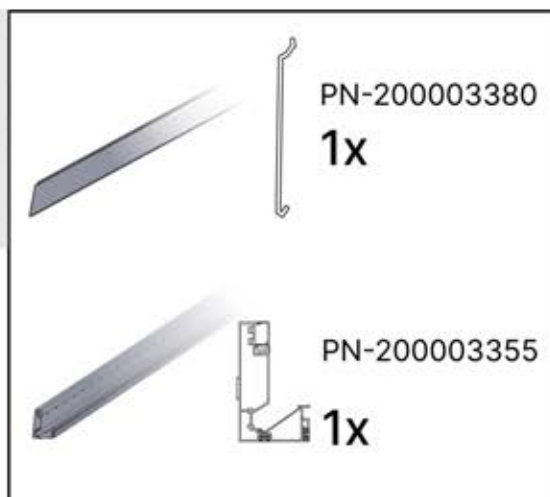


52

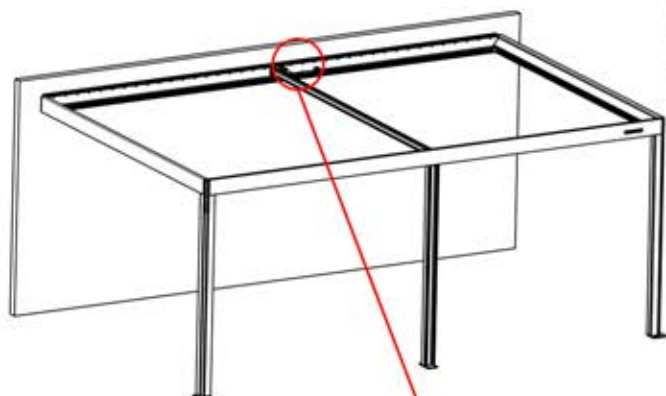


4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



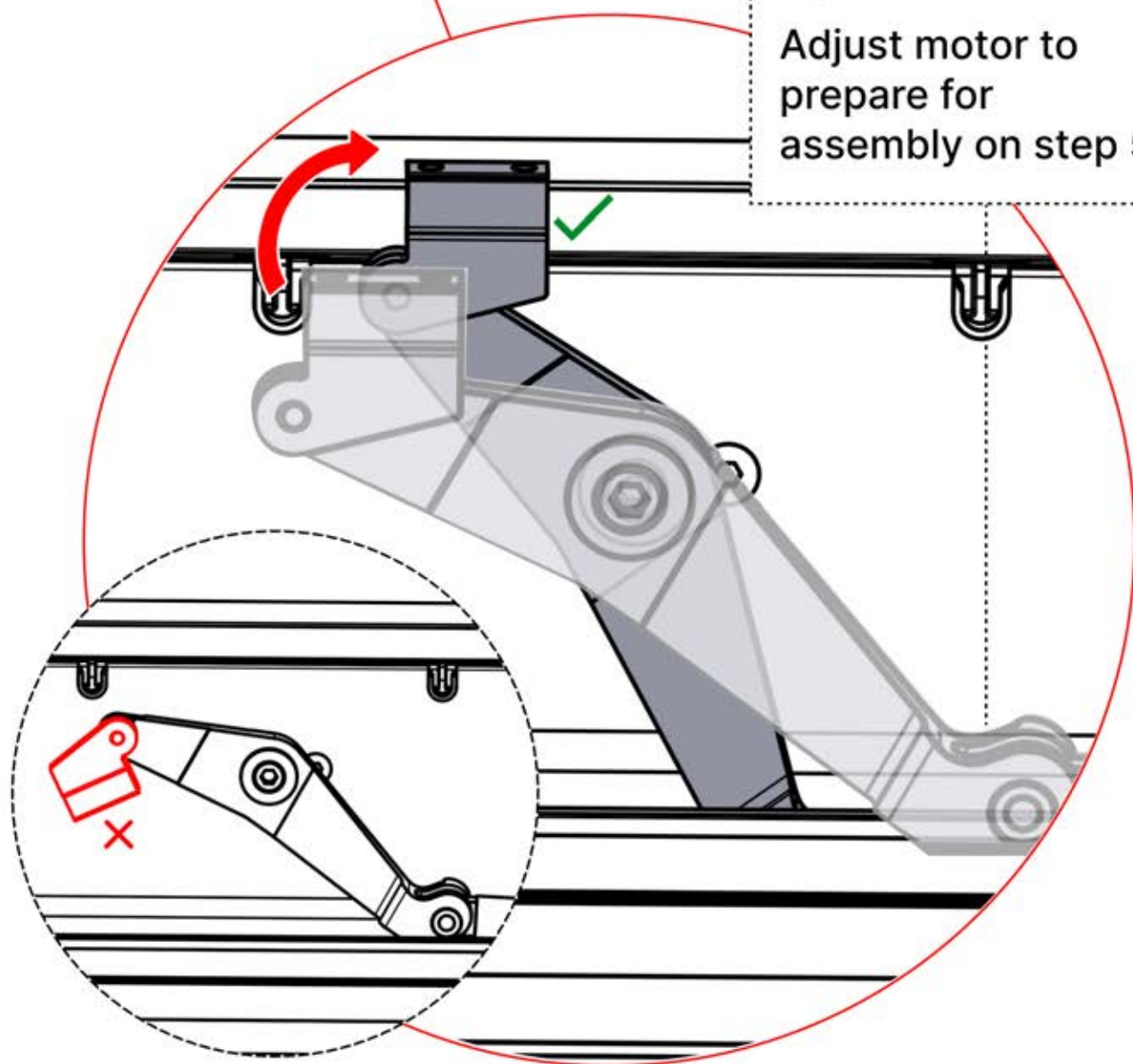
53



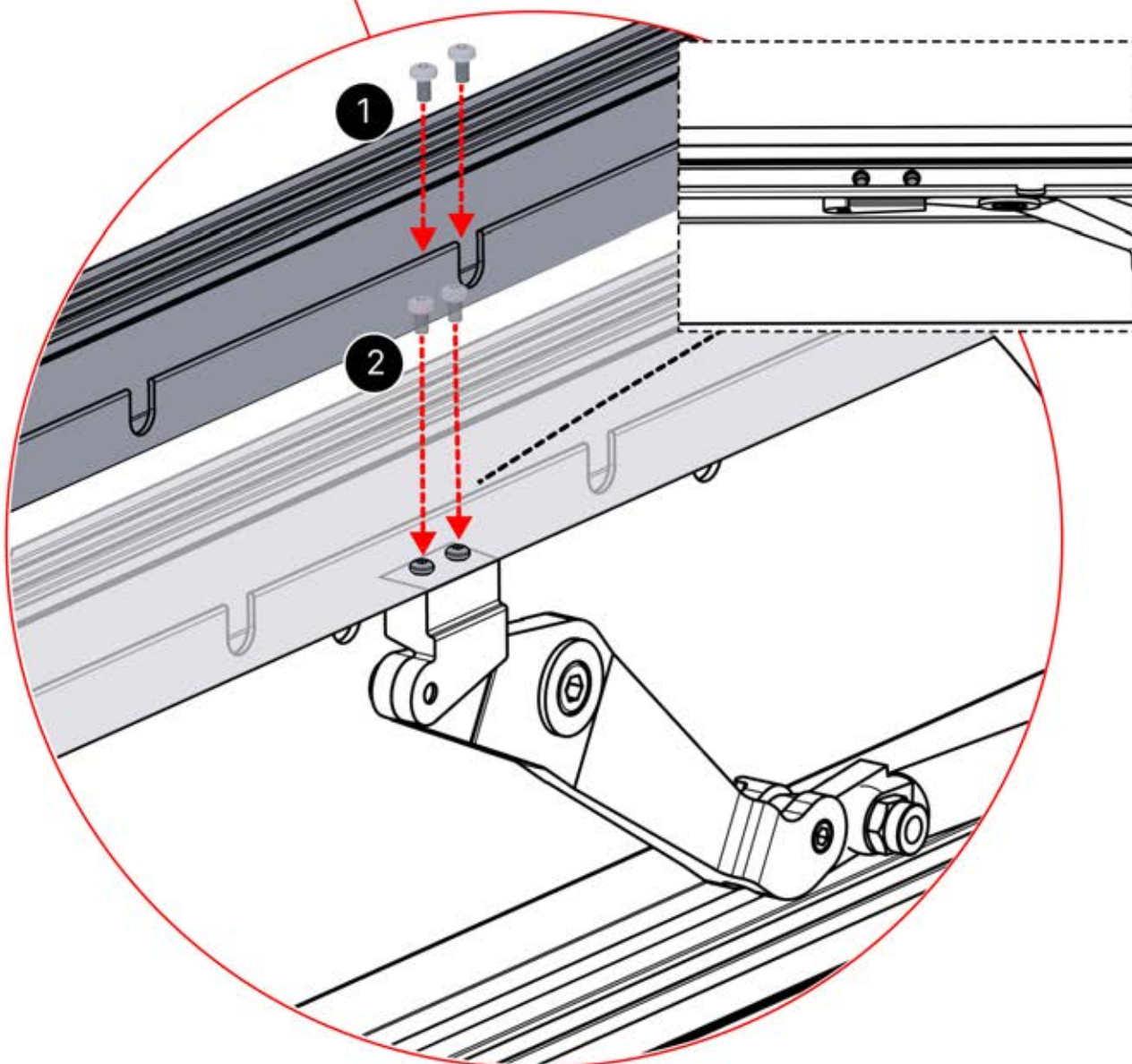
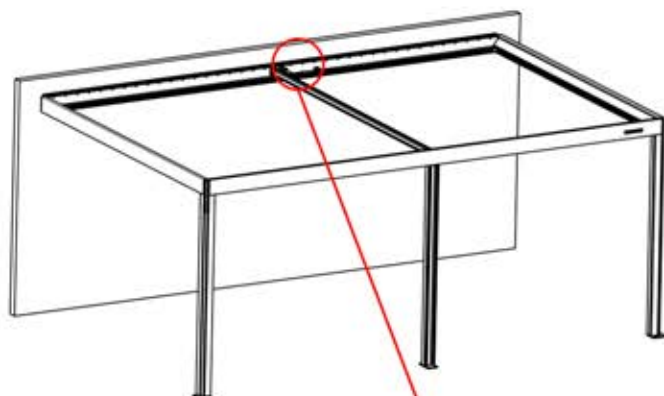
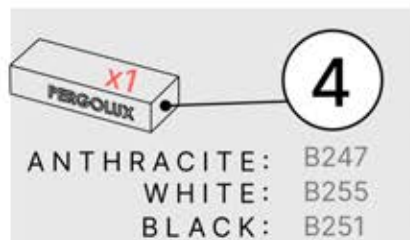
Remote
Controller



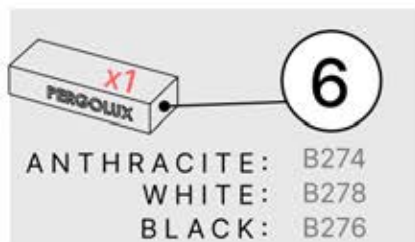
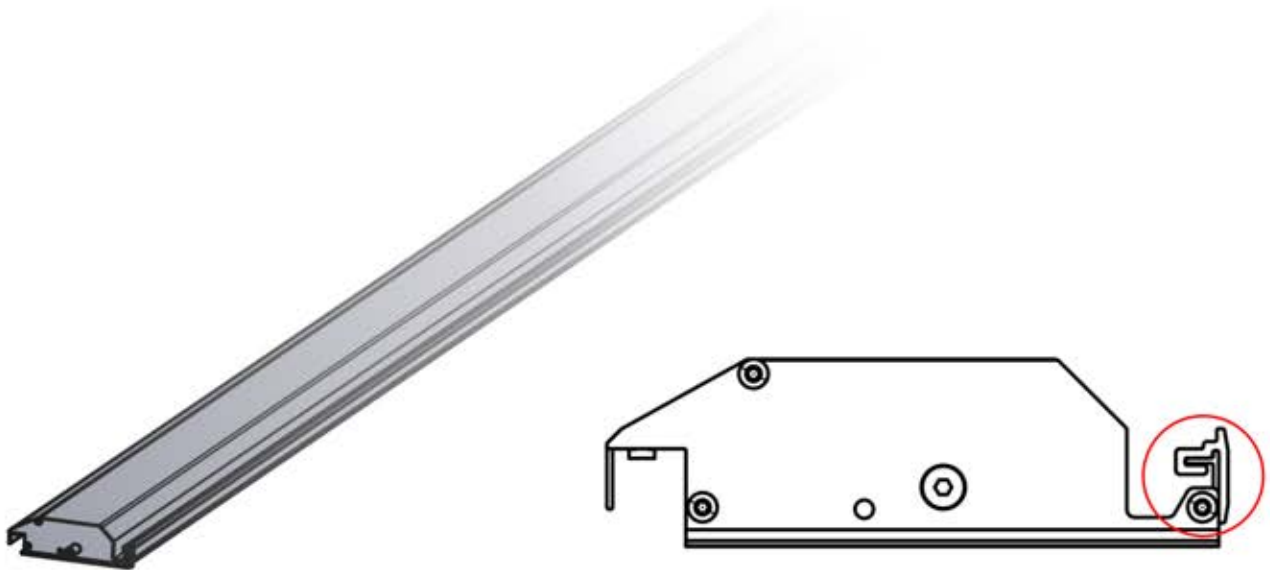
Adjust motor to
prepare for
assembly on step 54



54

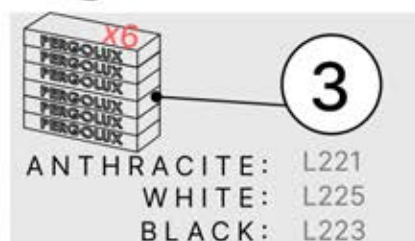
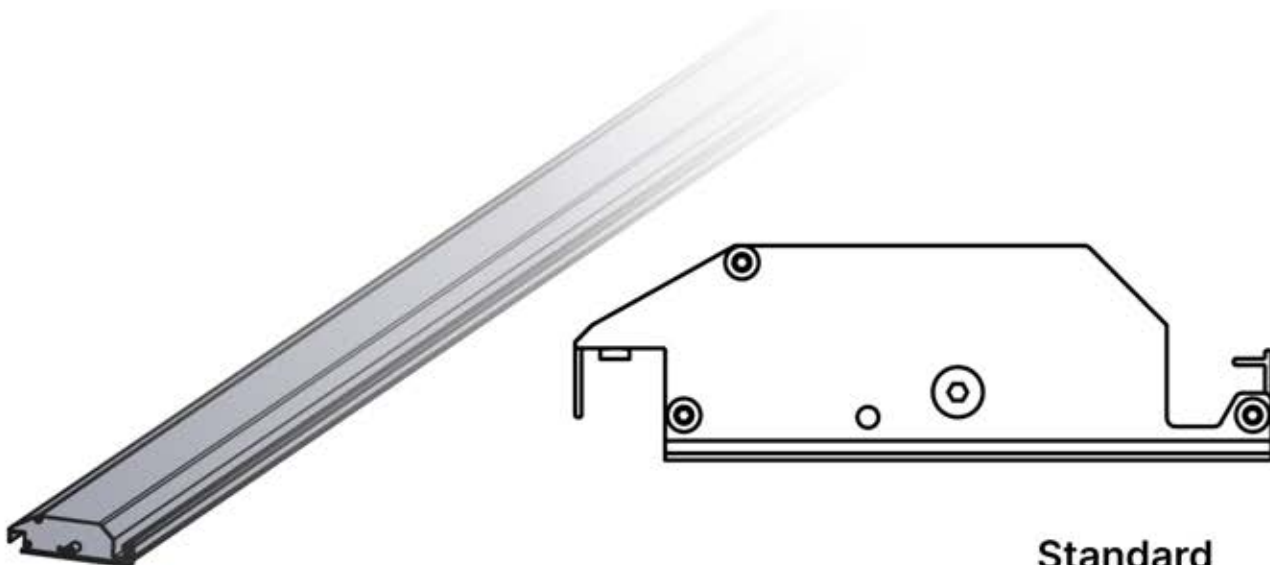


ITEMS IN BOX



PLR 150 G2 PRO LOUVER END WM
3M PACKAGE
PN-200002957

1x



PLR 150 G2 PRO LOUVER STD WM
3M PACKAGE
PN-200002879

37x

Standard

55



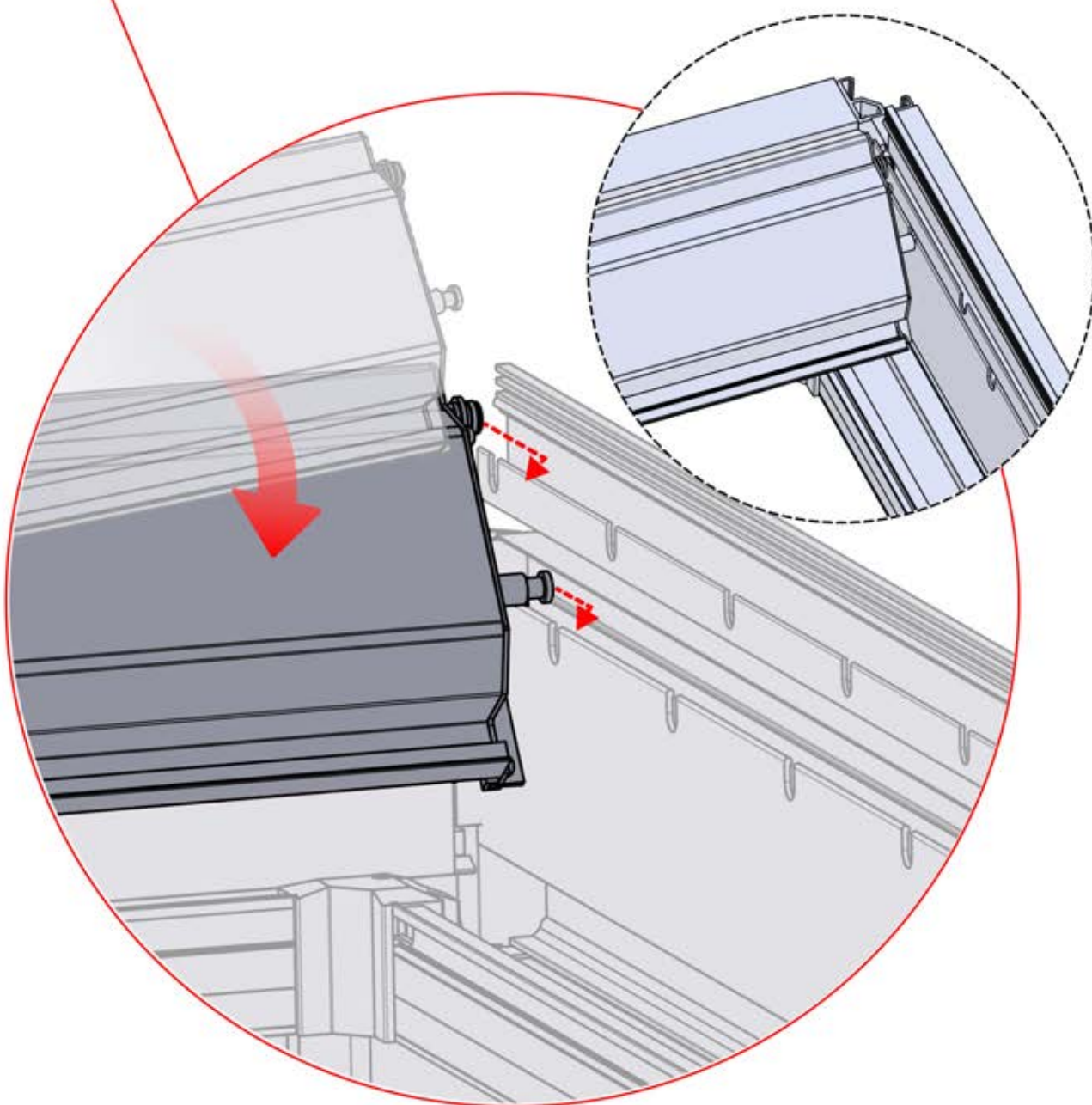
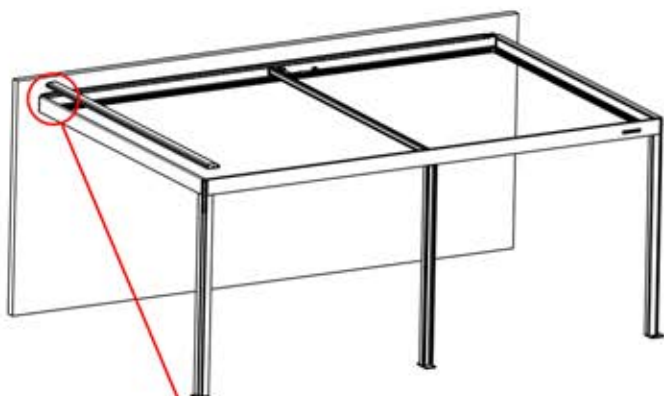
3

ANTHRACITE: L221
WHITE: L225
BLACK: L223

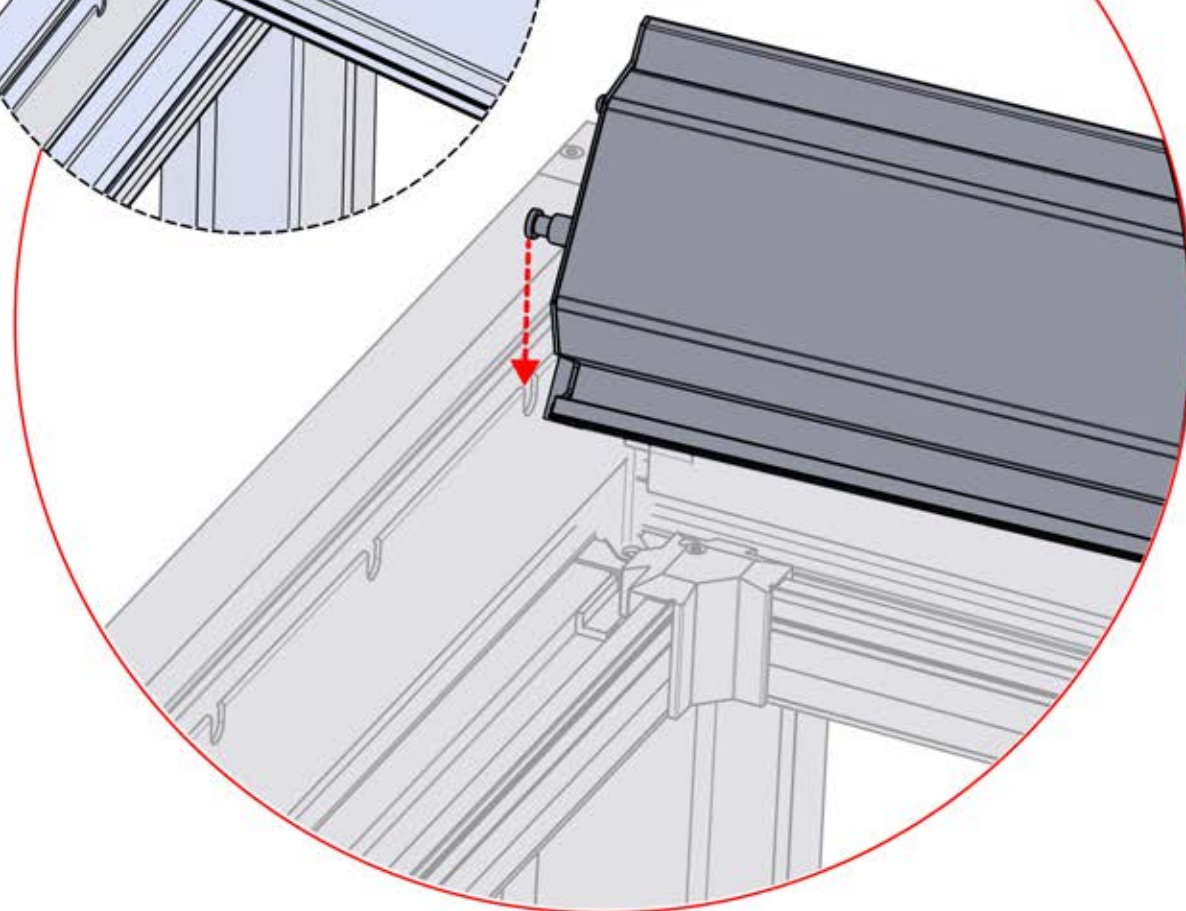
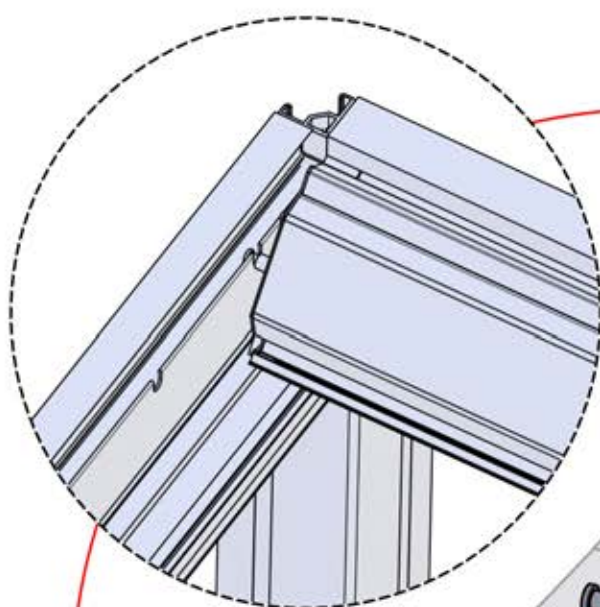
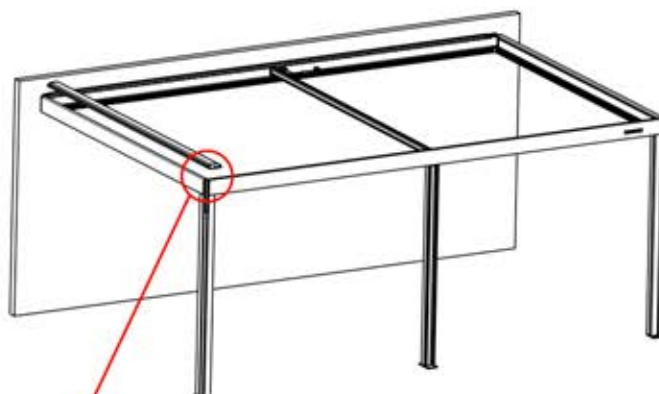
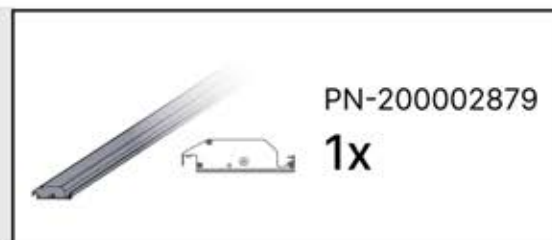
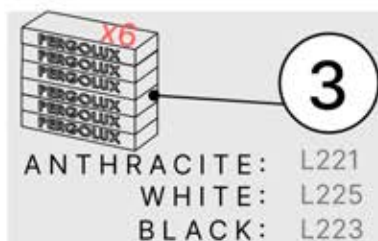


PN-200002879

1x



56

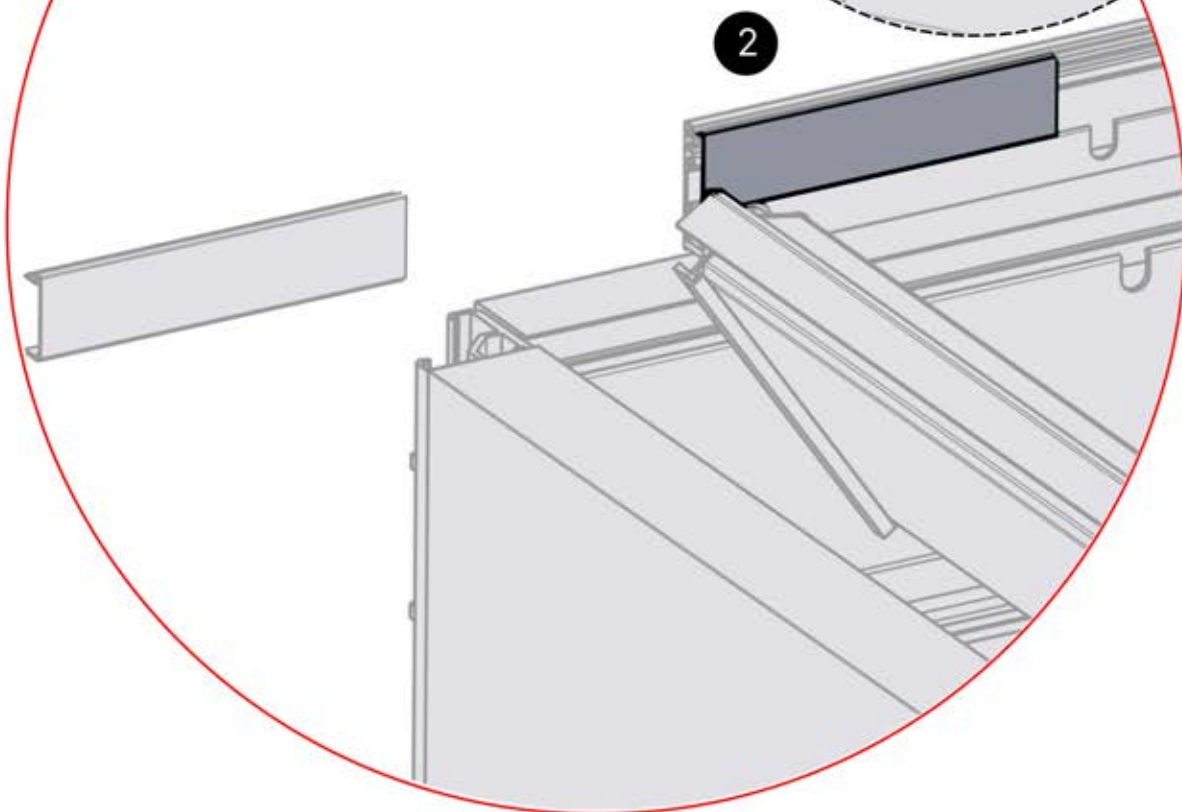
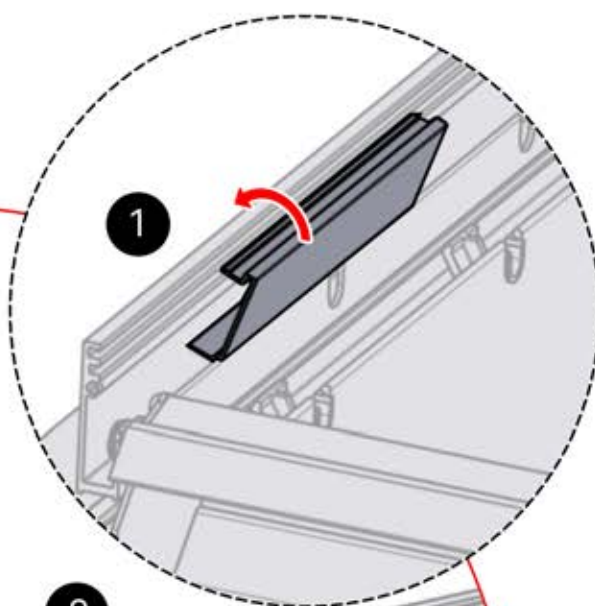
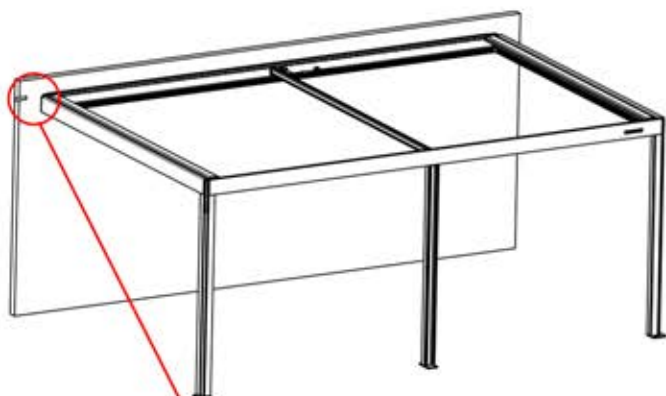
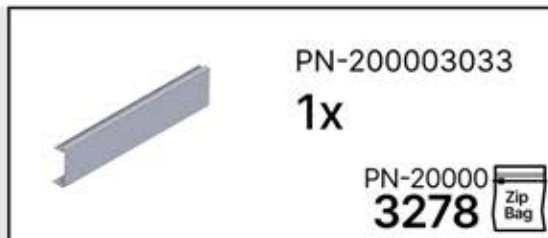


57



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



58



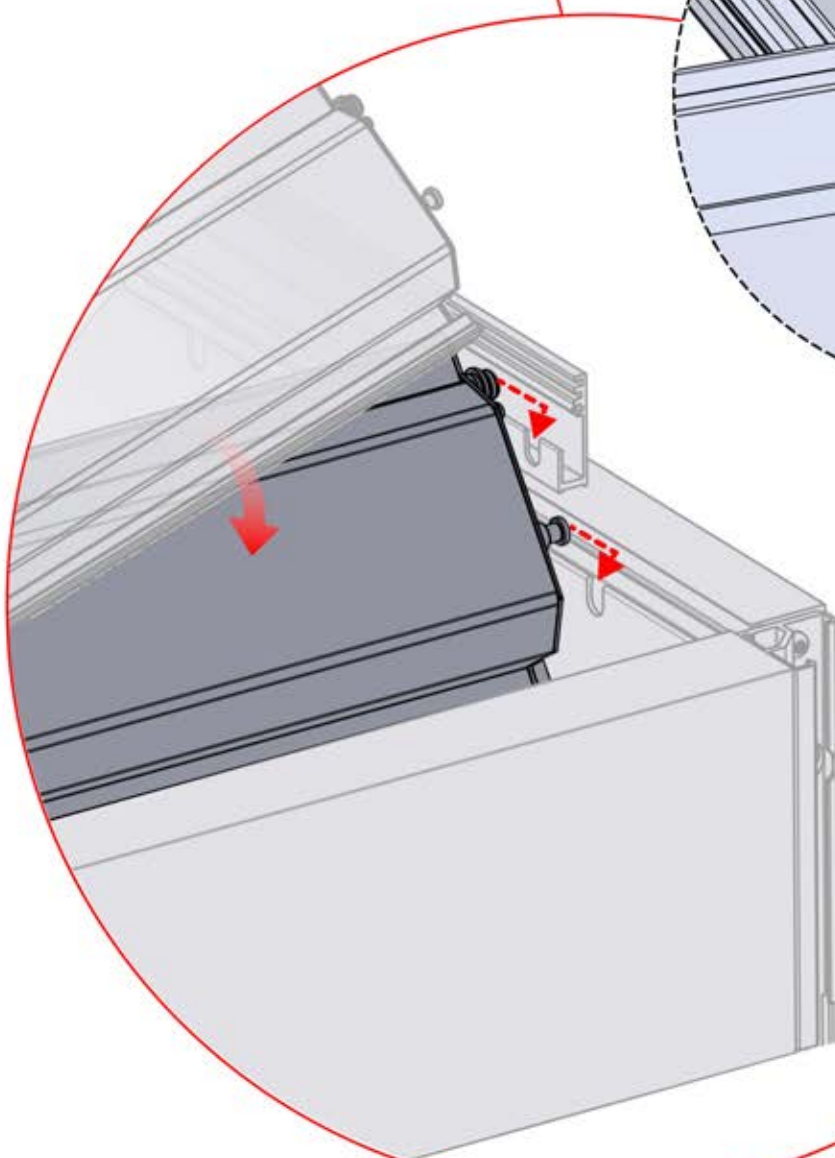
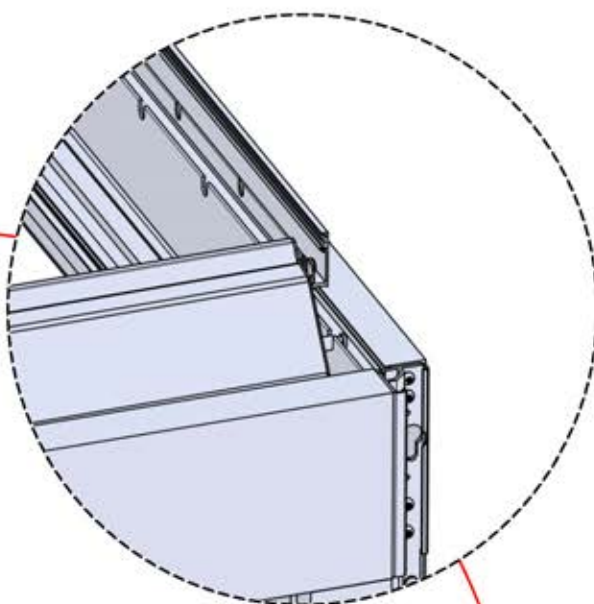
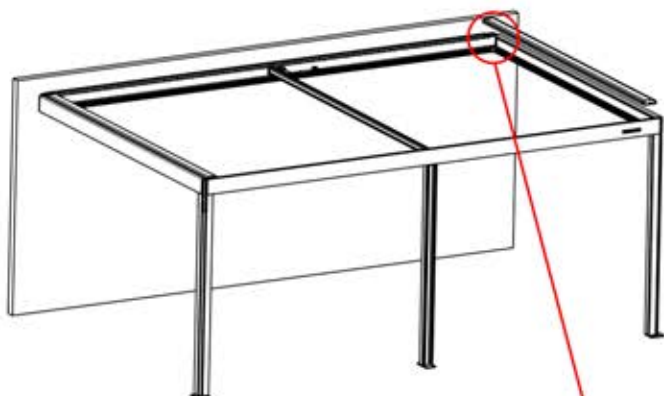
6

ANTHRACITE: B274
WHITE: B278
BLACK: B276



PN-200002957

1x



59



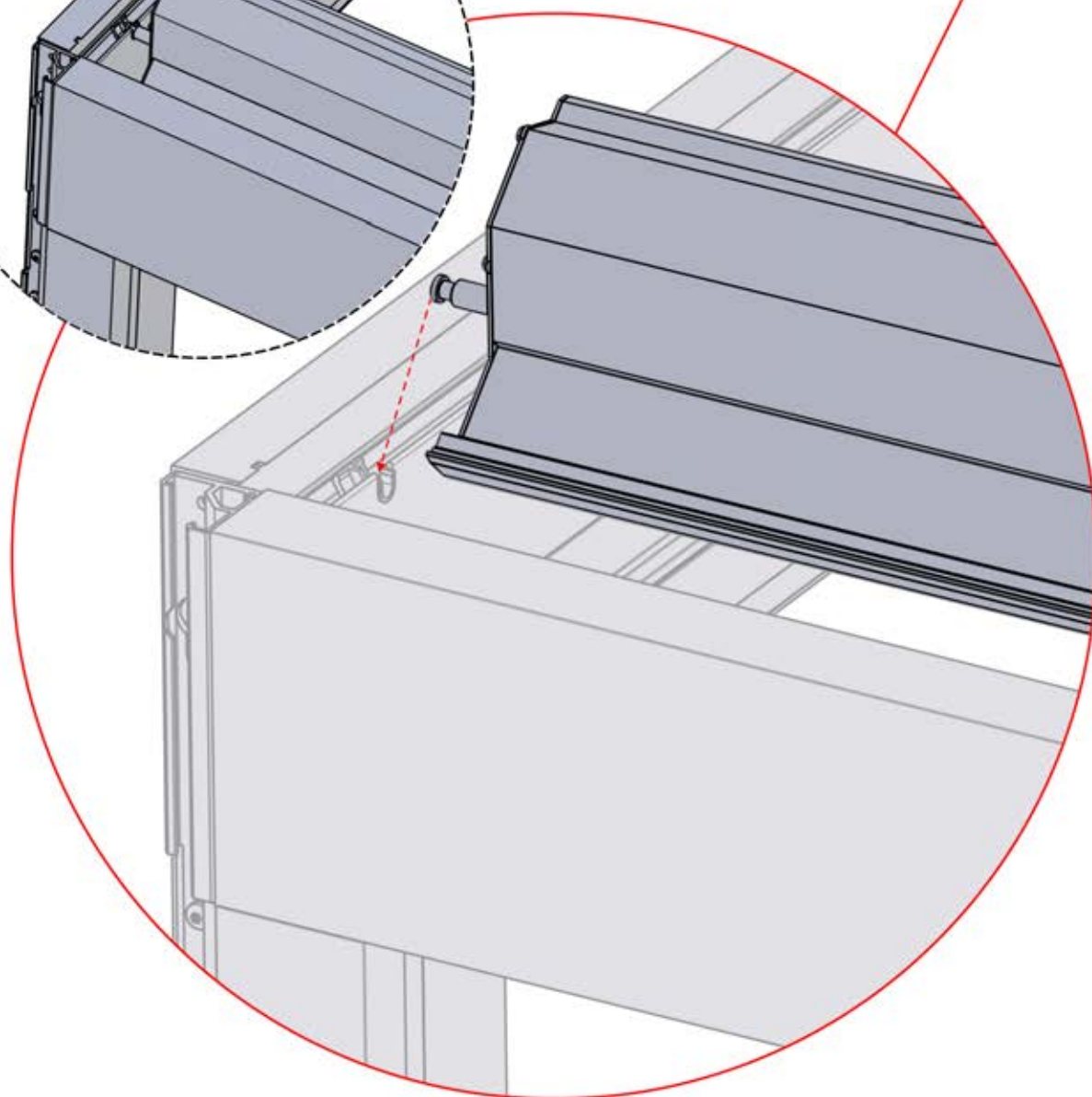
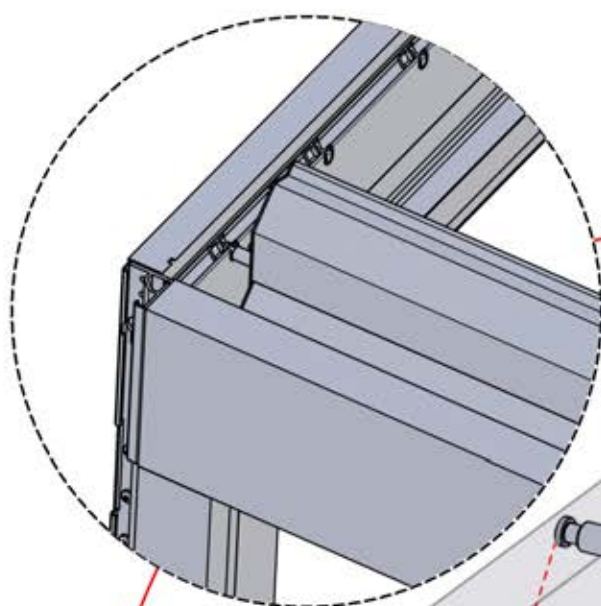
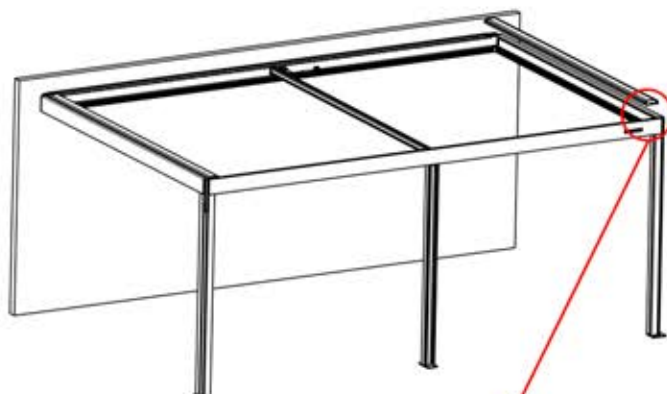
6

ANTHRACITE: B274
WHITE: B278
BLACK: B276

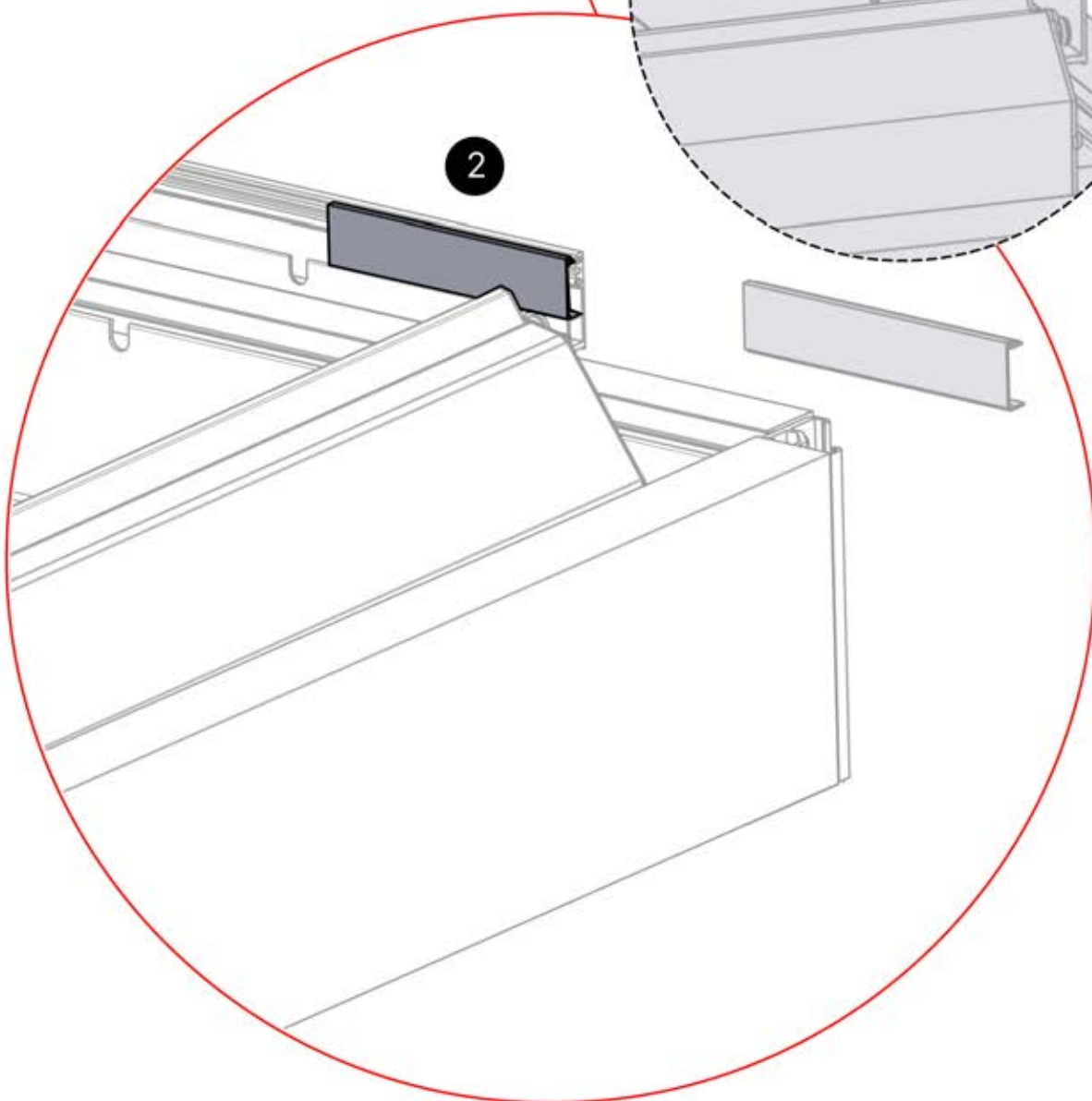
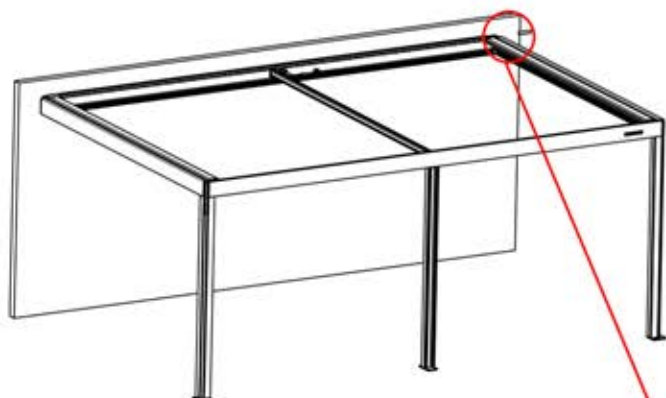
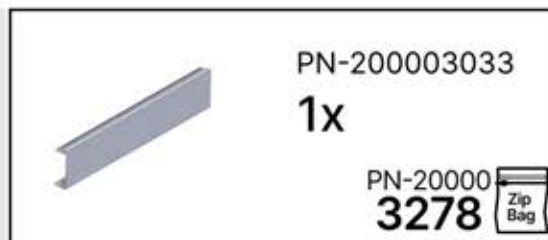
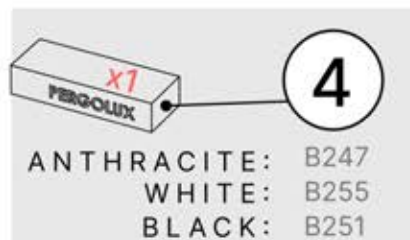


PN-200002957

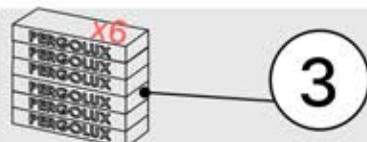
1x



60



61



3

ANTHRACITE: L221
WHITE: L225
BLACK: L223



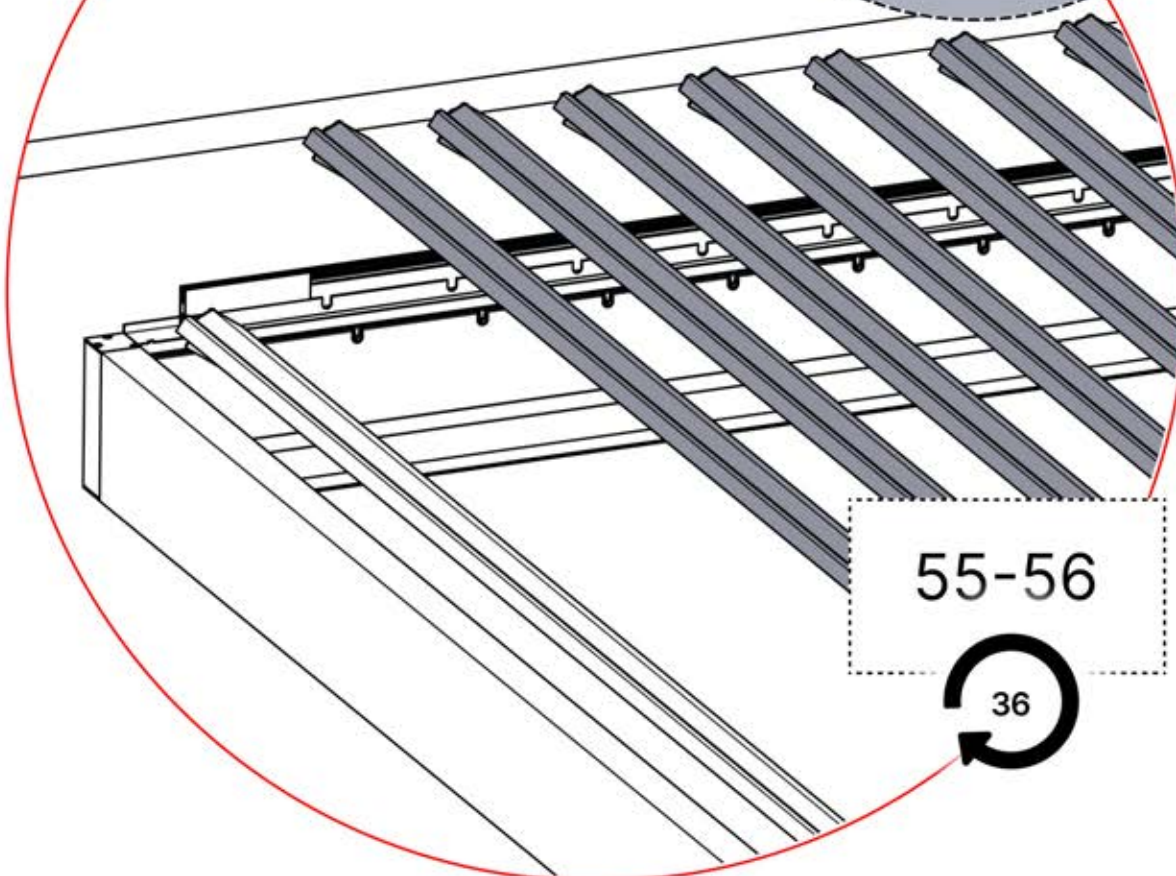
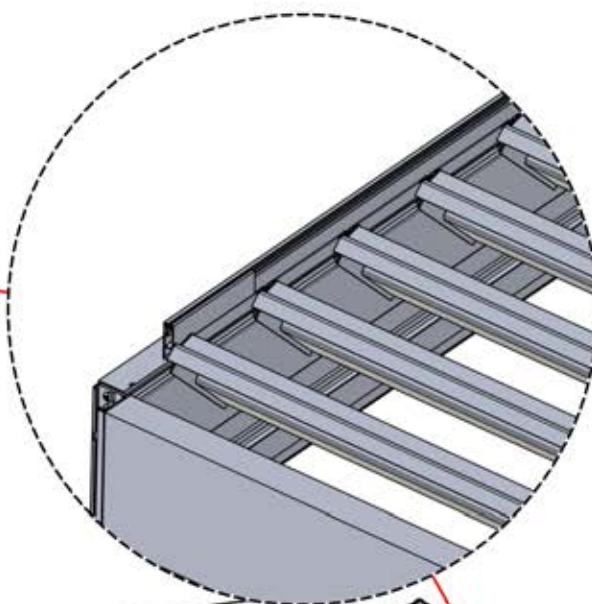
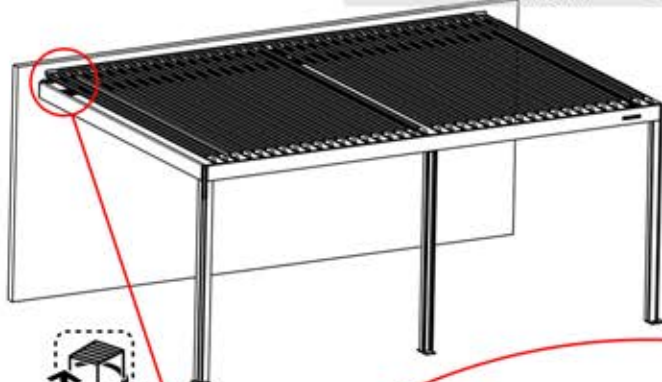
6

ANTHRACITE: B274
WHITE: B278
BLACK: B276



PN-200002879

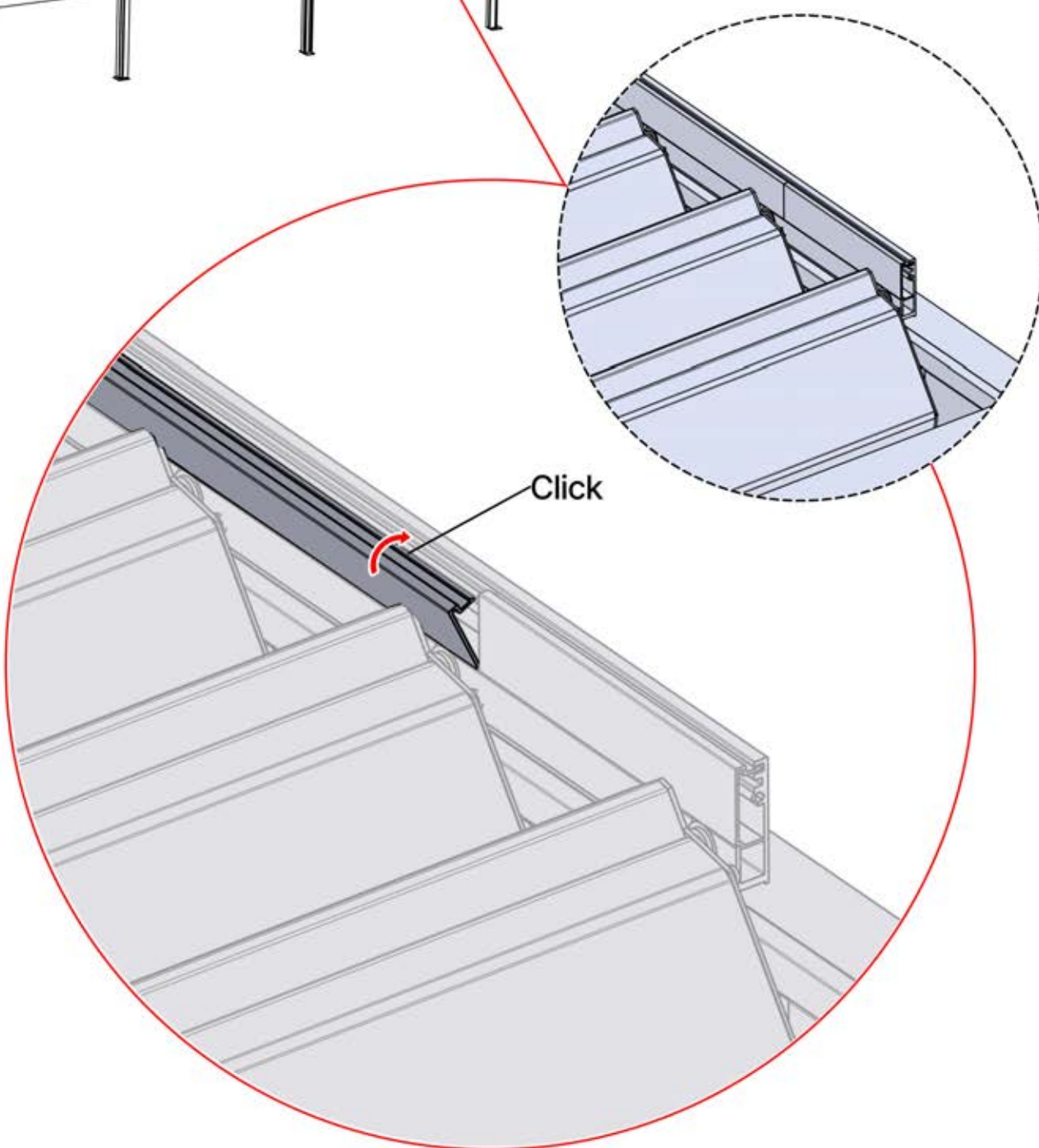
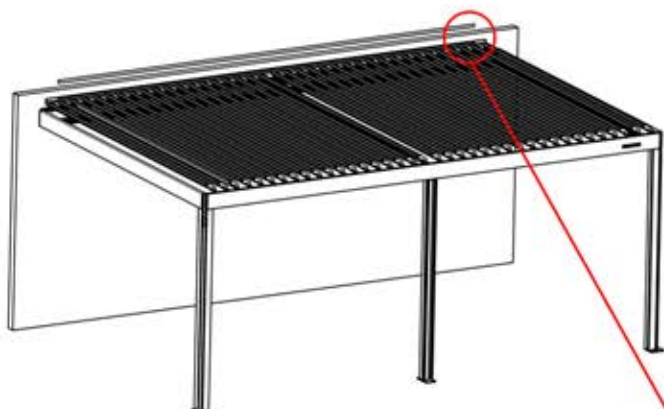
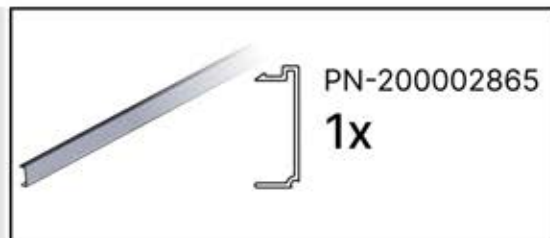
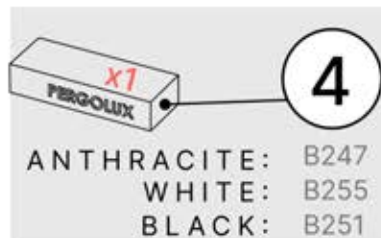
36x



55-56



62

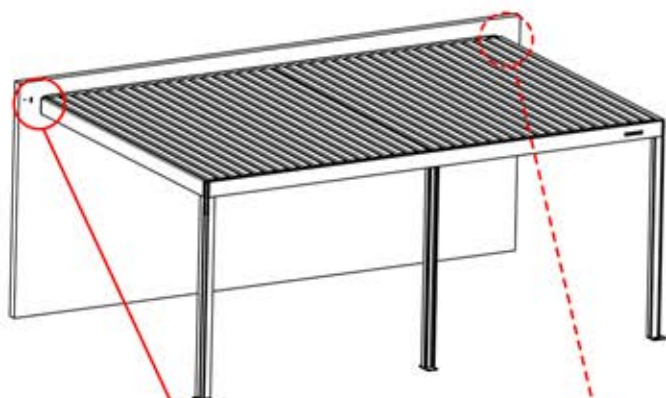


63



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200003030

1x



PN-200003031

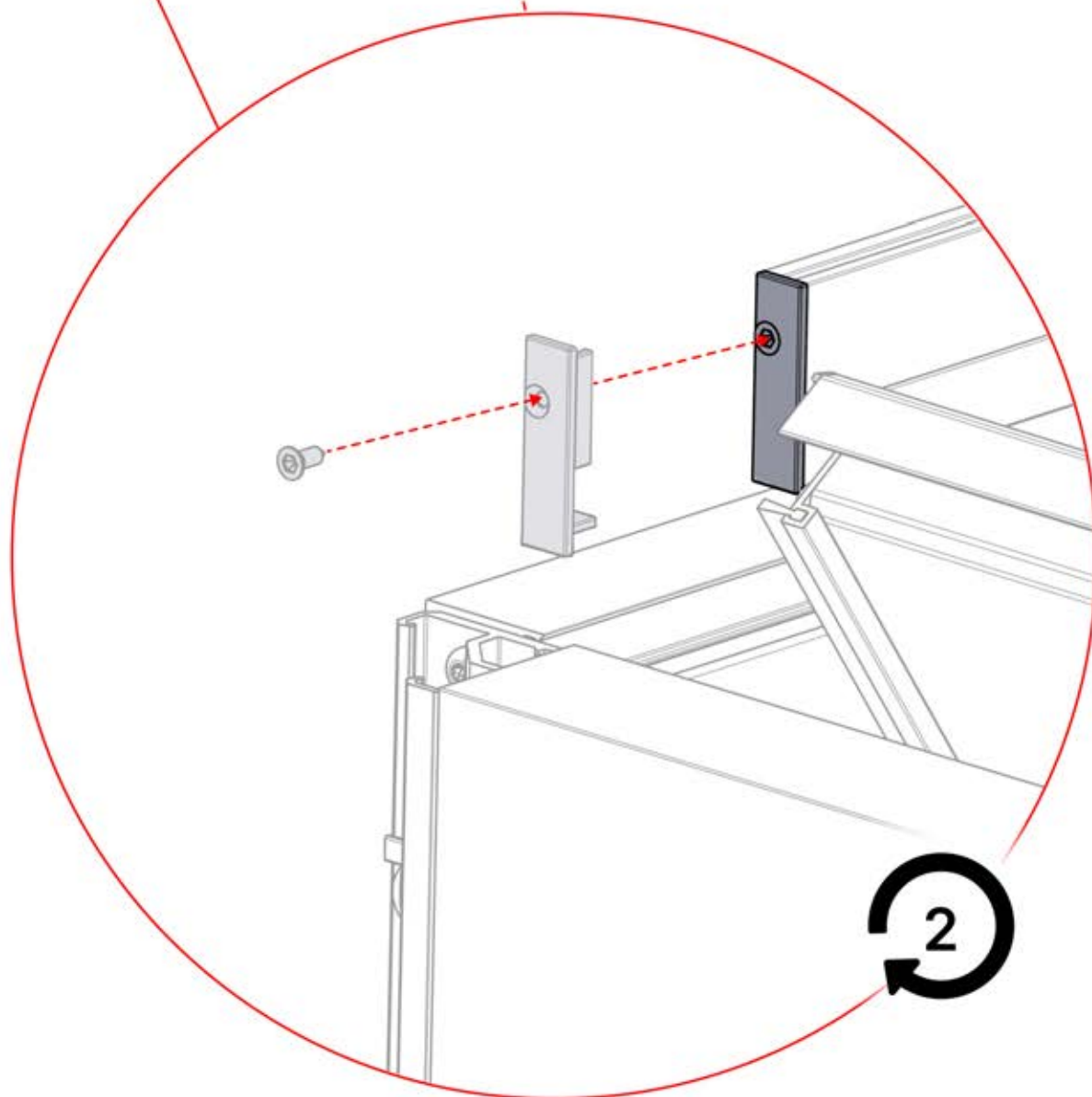
1x



PN-200001207

2x

PN-20000
3278



64



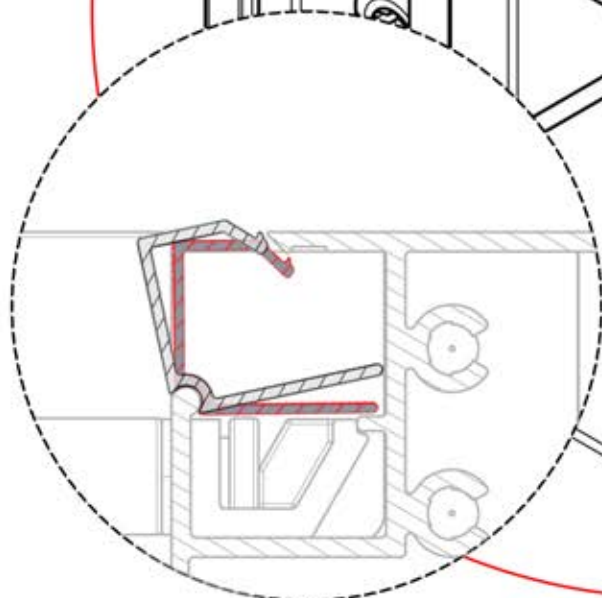
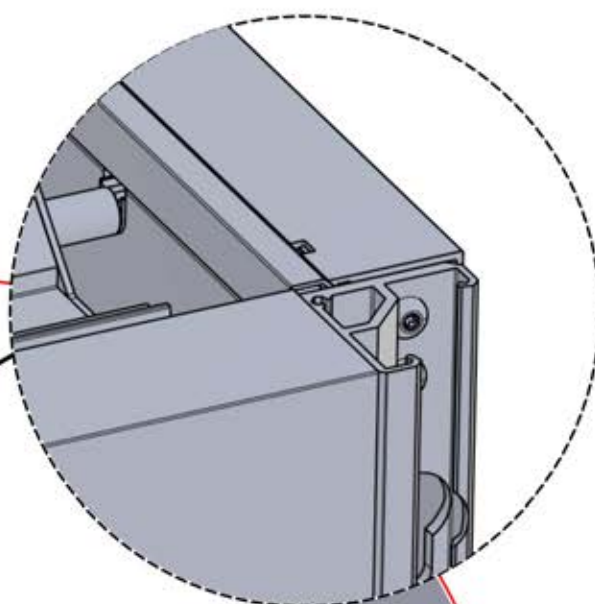
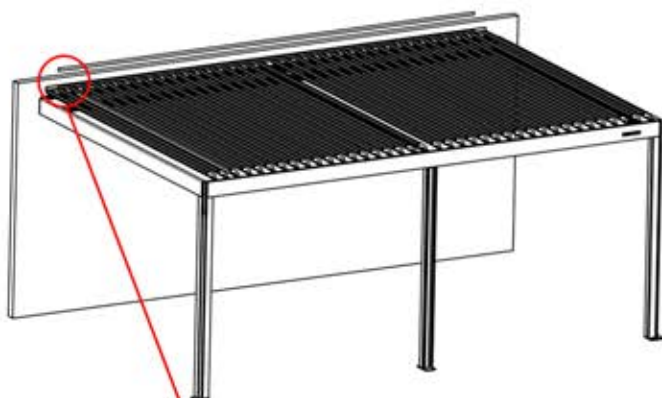
4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200002867

1x

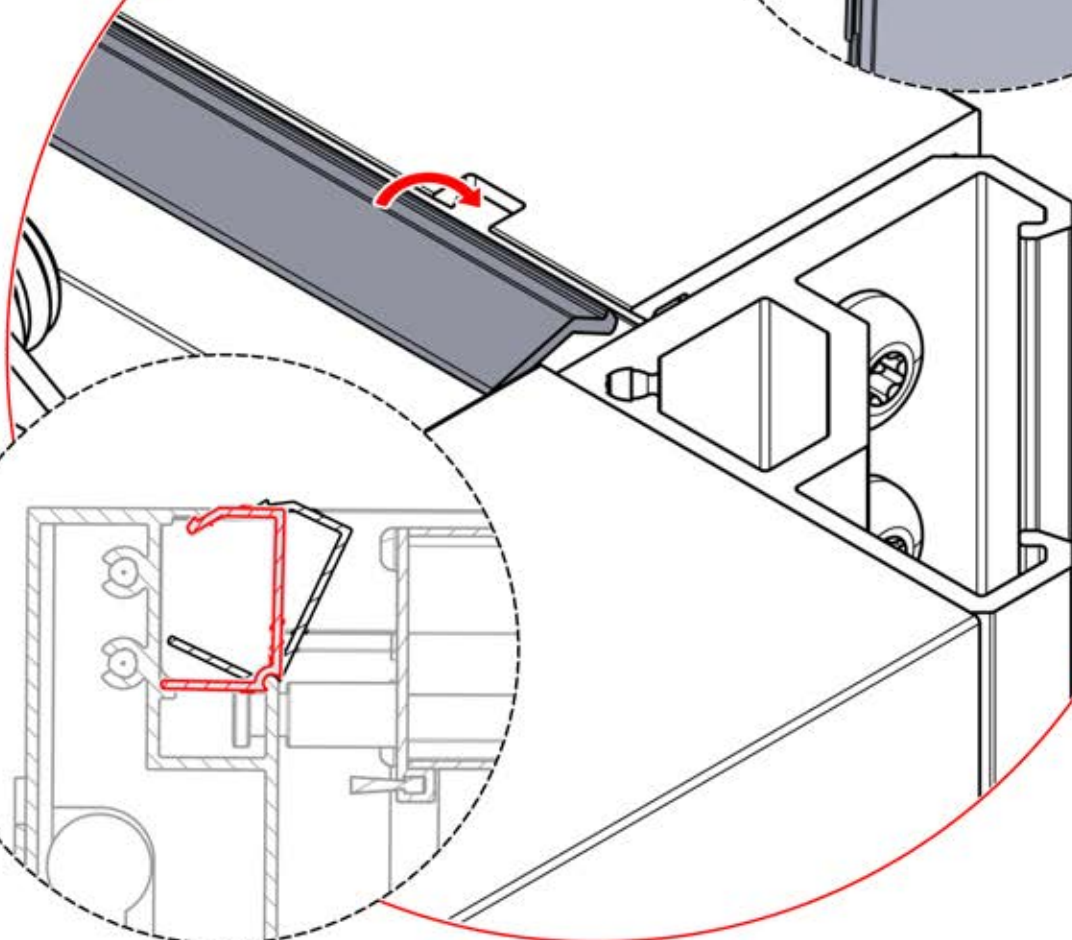
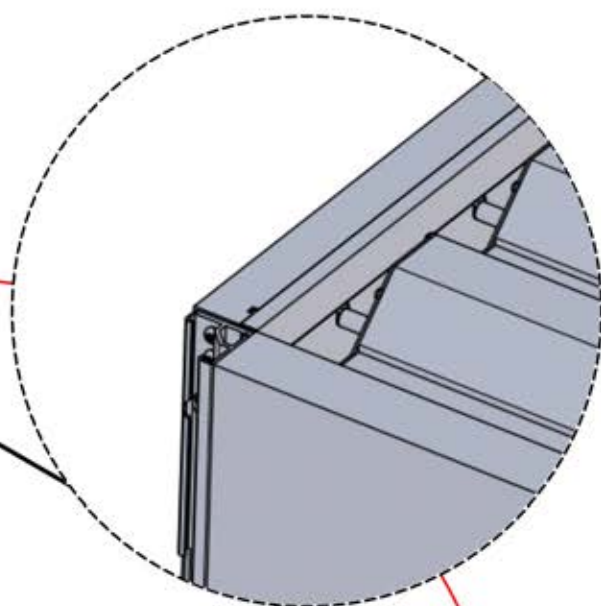
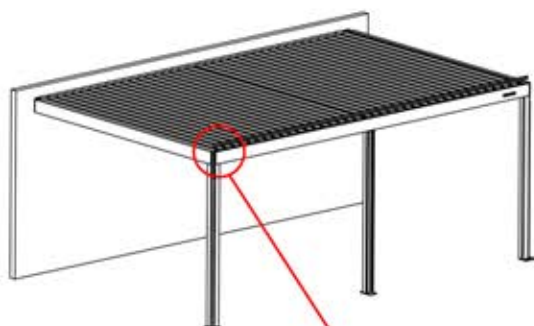
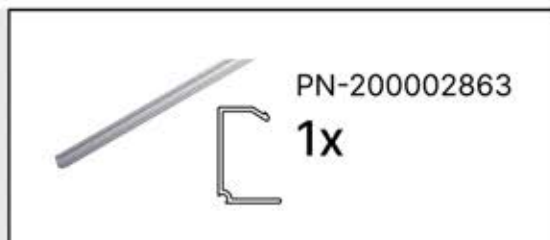


65

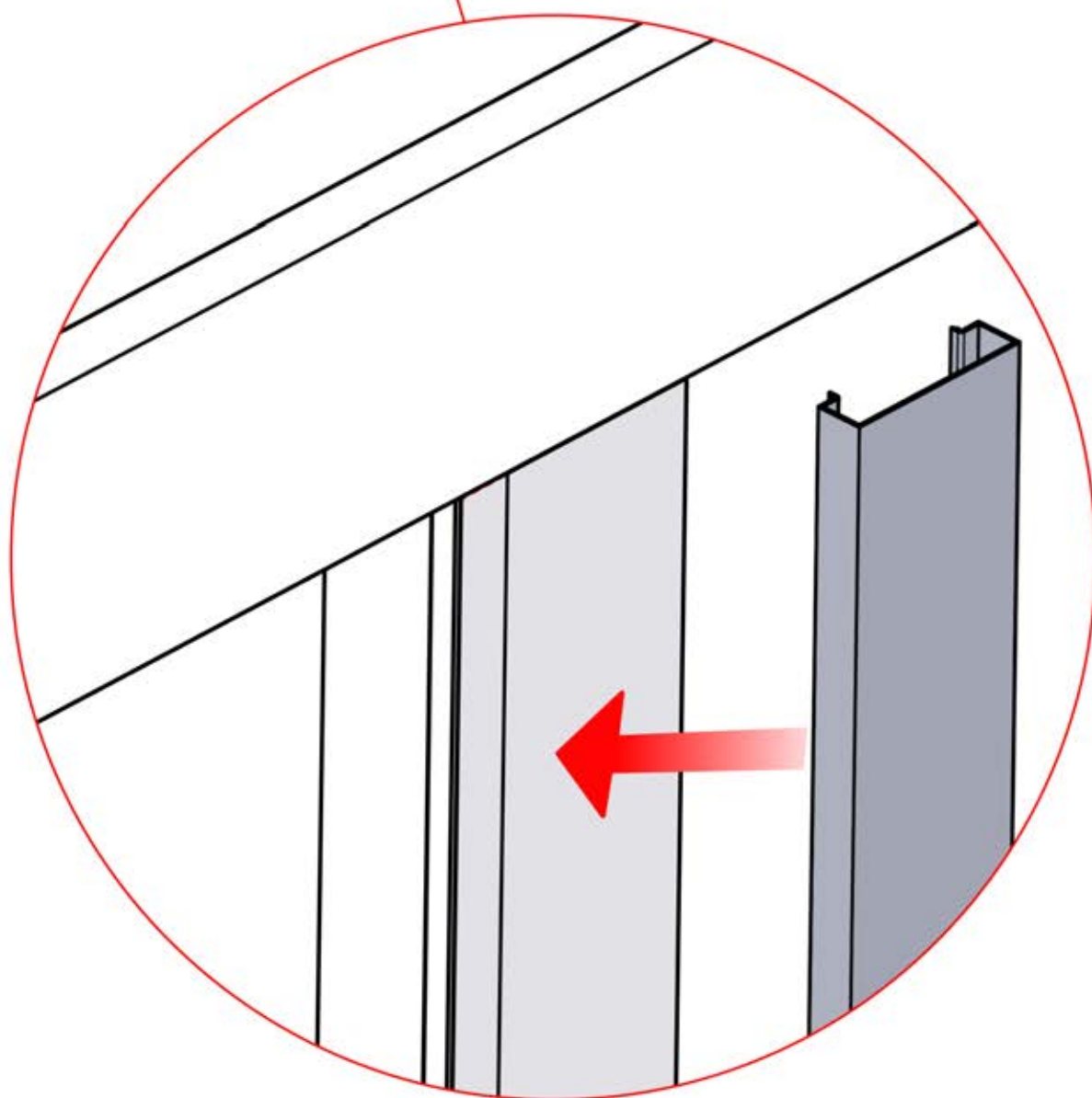
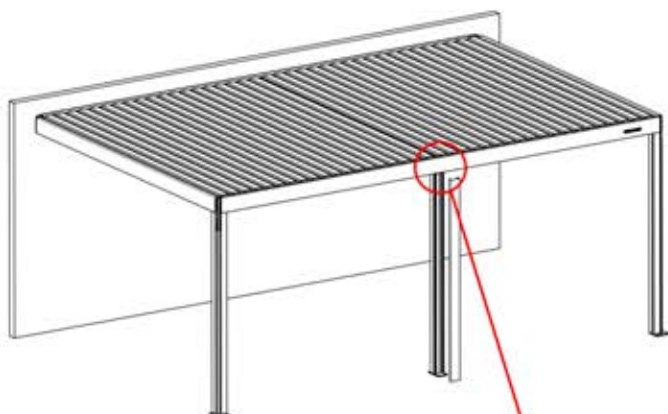
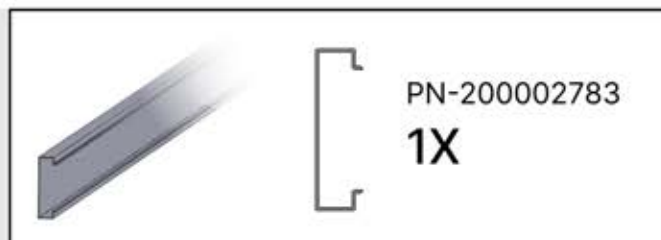
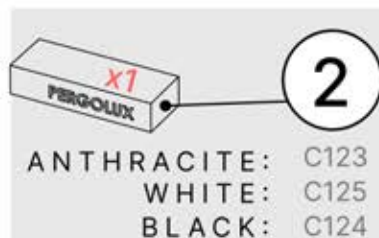


4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



66



67



1

ANTHRACITE: C120
 WHITE: C122
 BLACK: C121



4

ANTHRACITE: B247
 WHITE: B255
 BLACK: B251



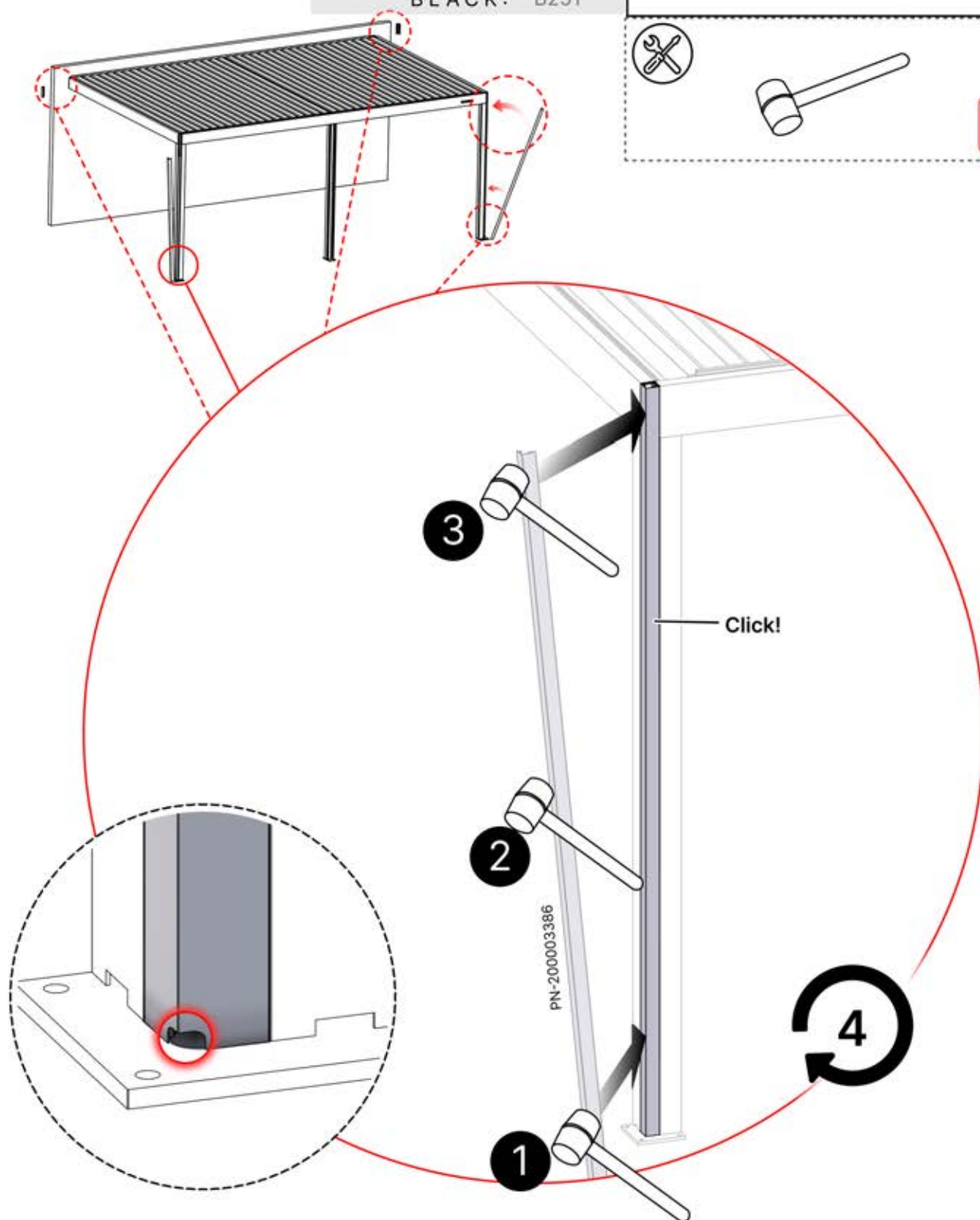
PN-200003324
 2x
 PN-20000
3309



PN-200003386
 2x







68



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200001514

4x



PN-200003322

1x



PN-200003323

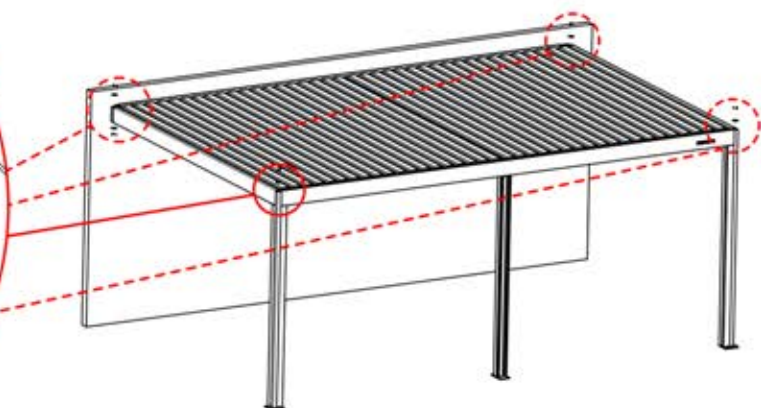
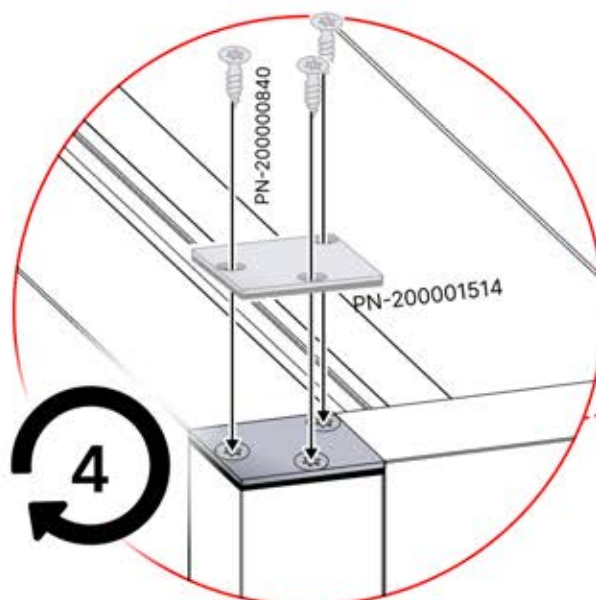
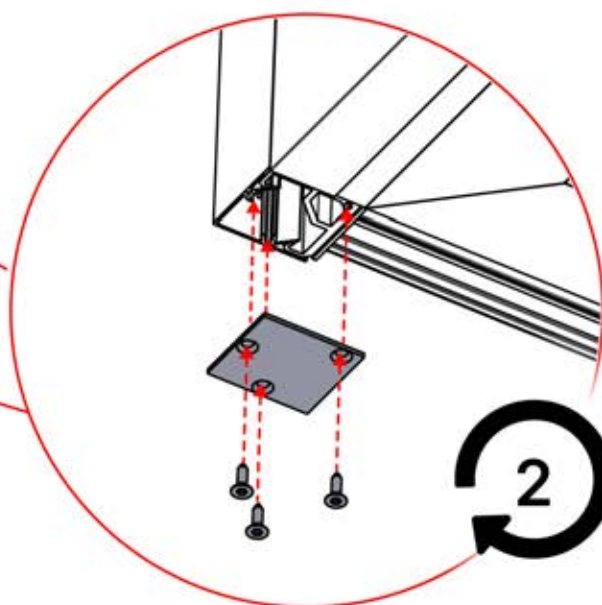
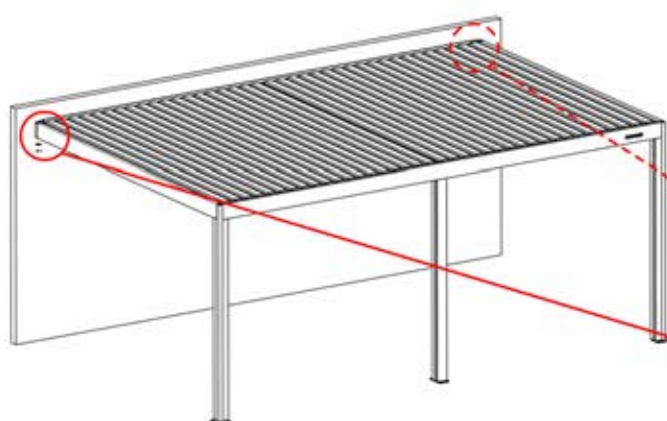
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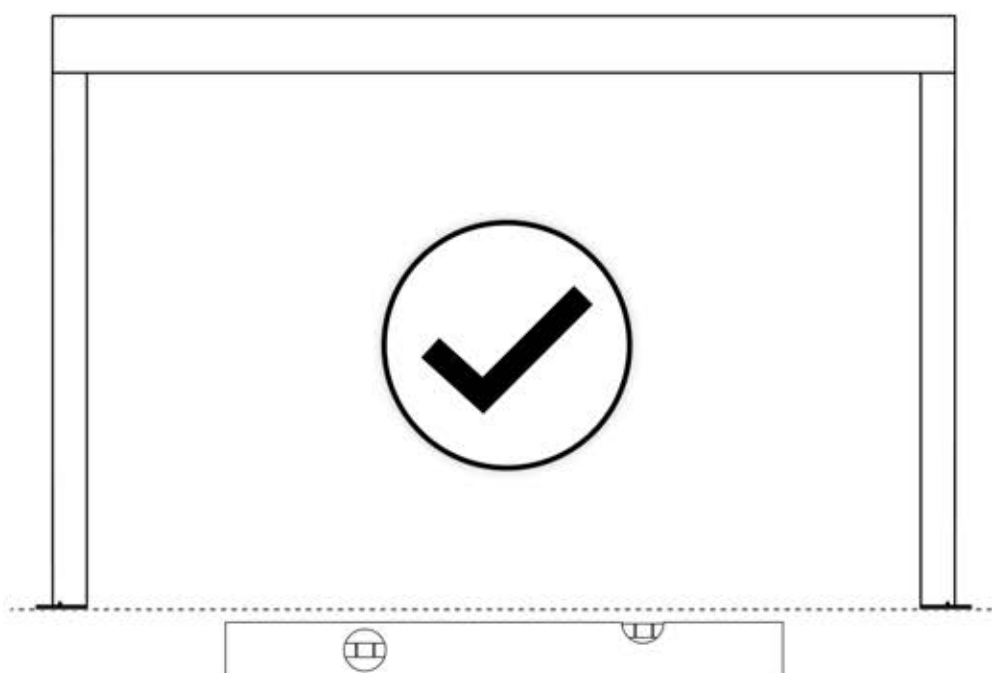
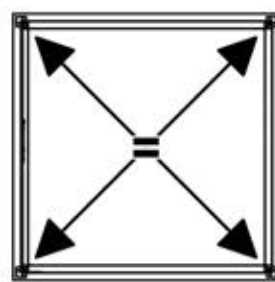
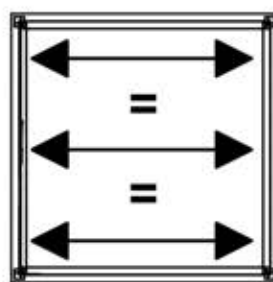
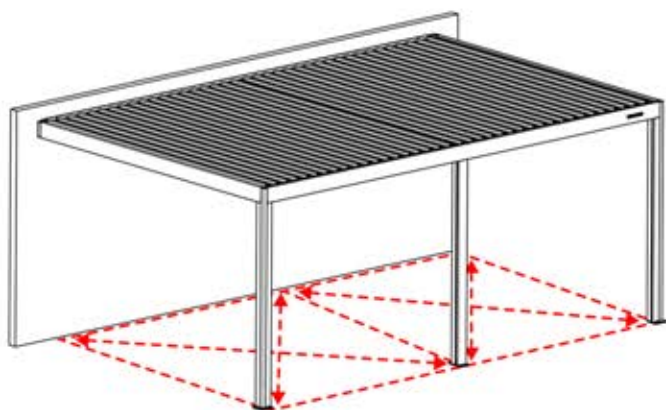
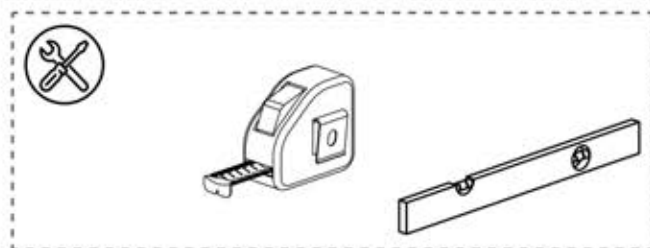
PN-200000840

18x

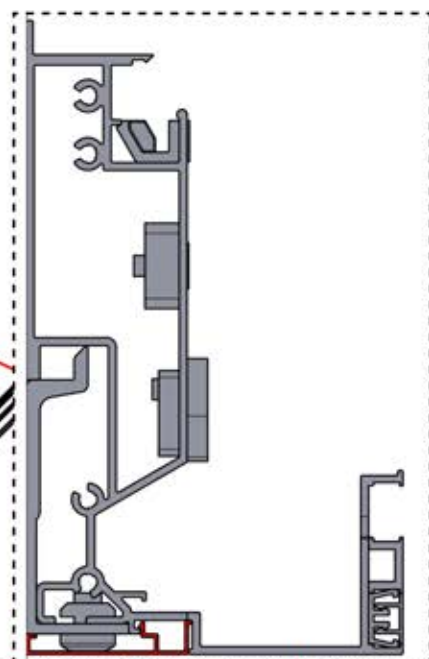
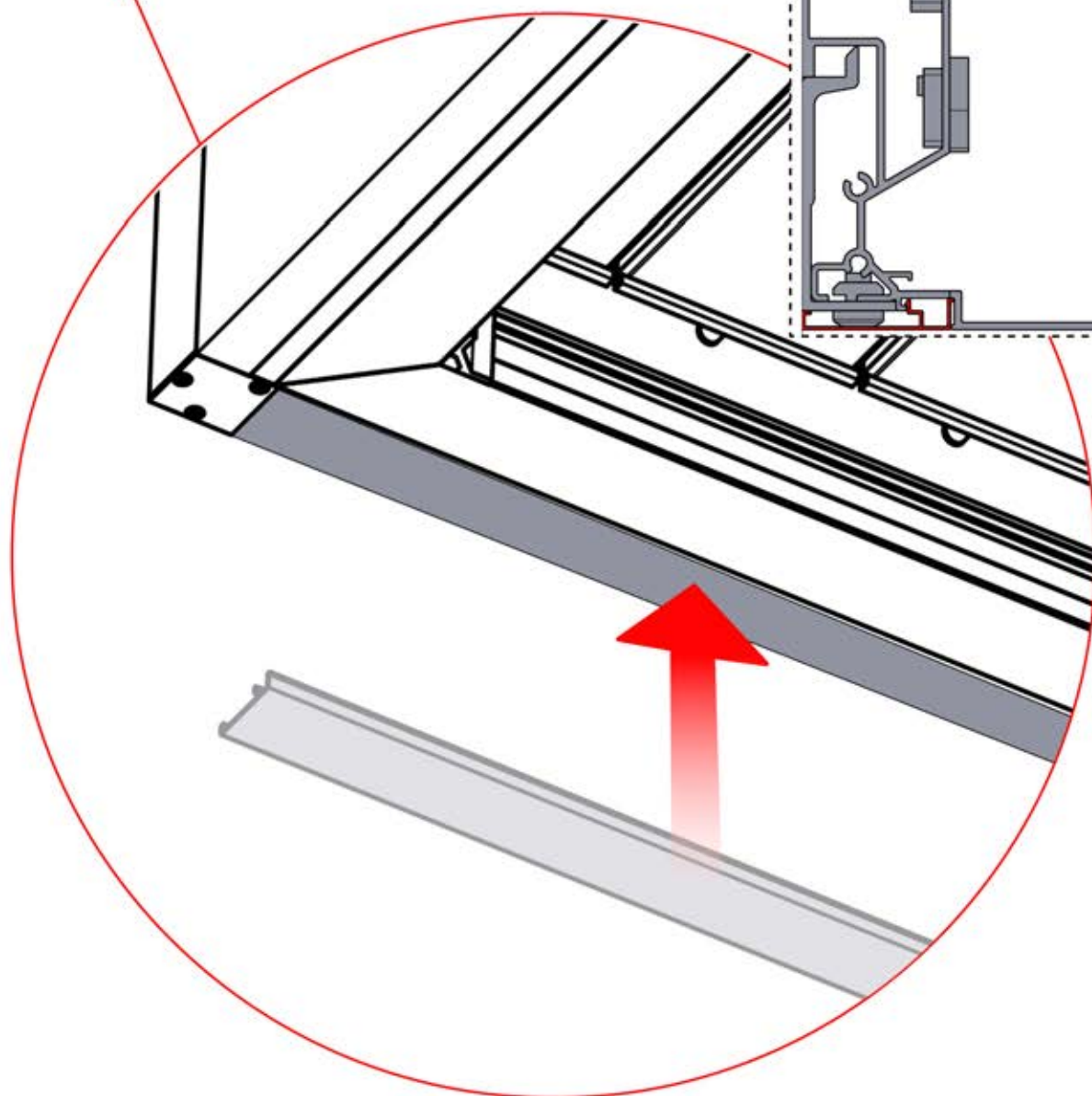
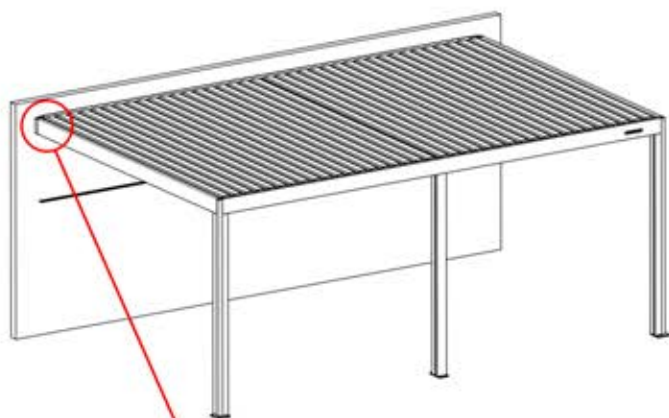
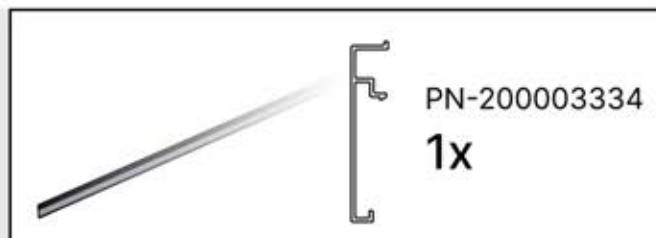
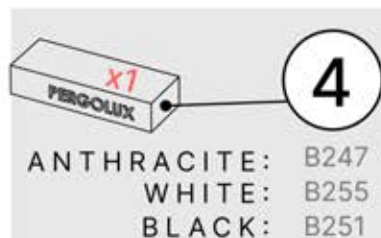
PN-20000
3302



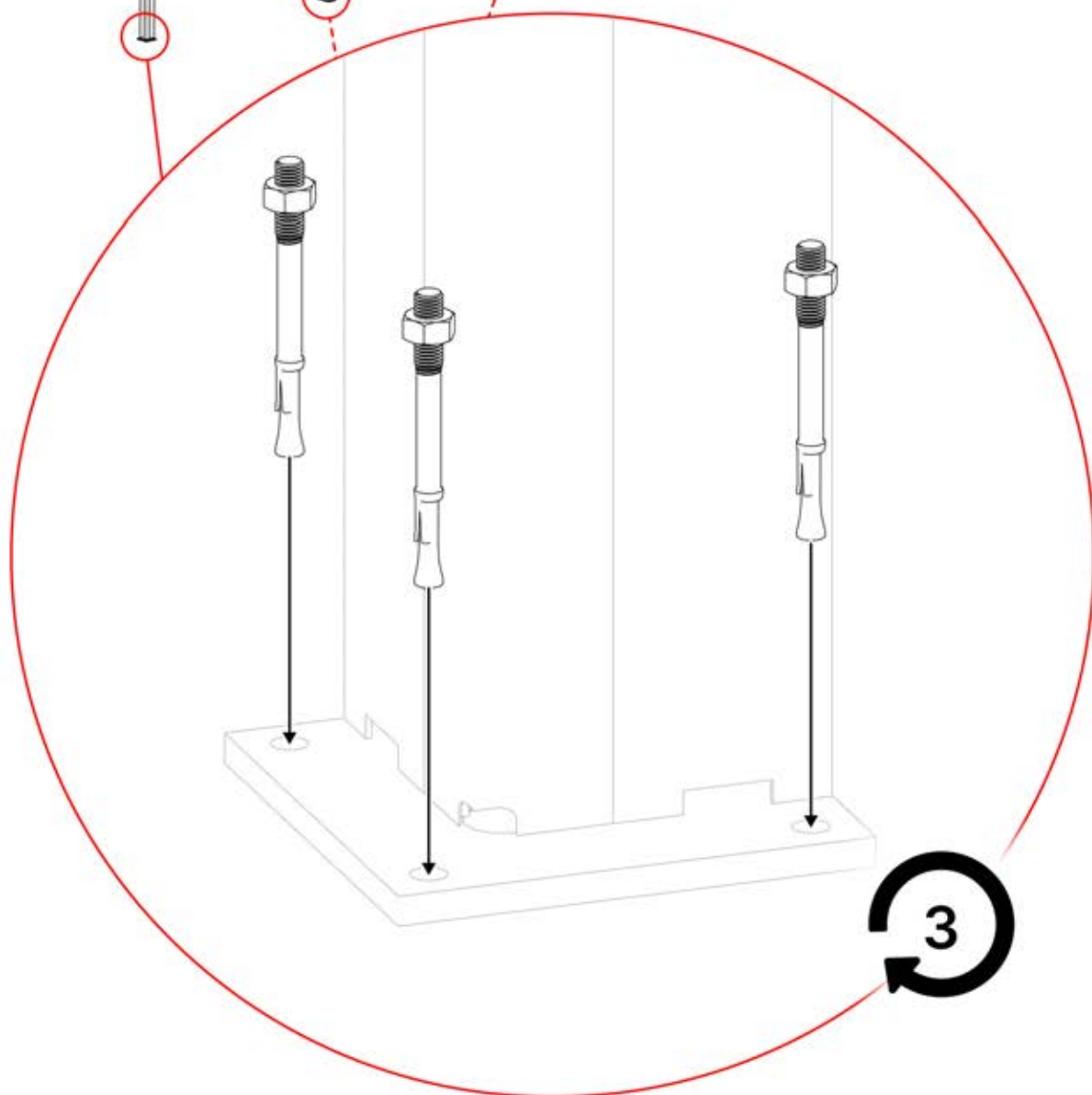
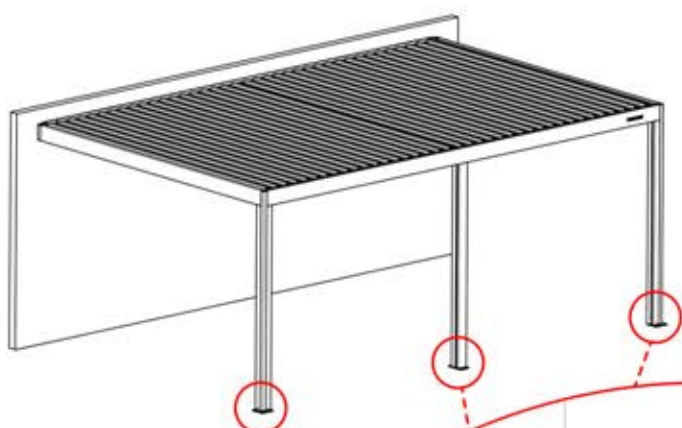
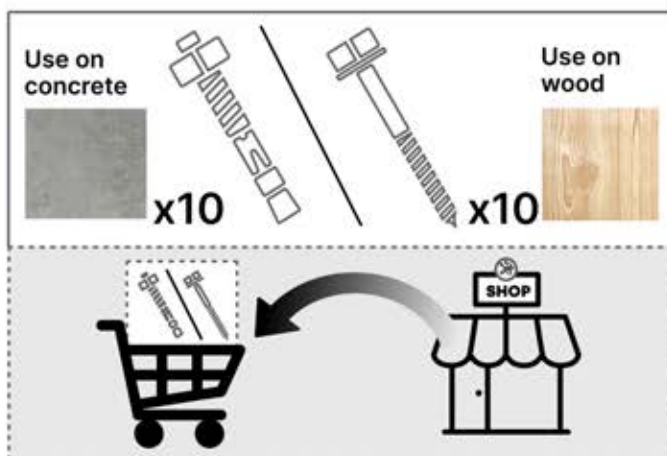
69



70



71



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