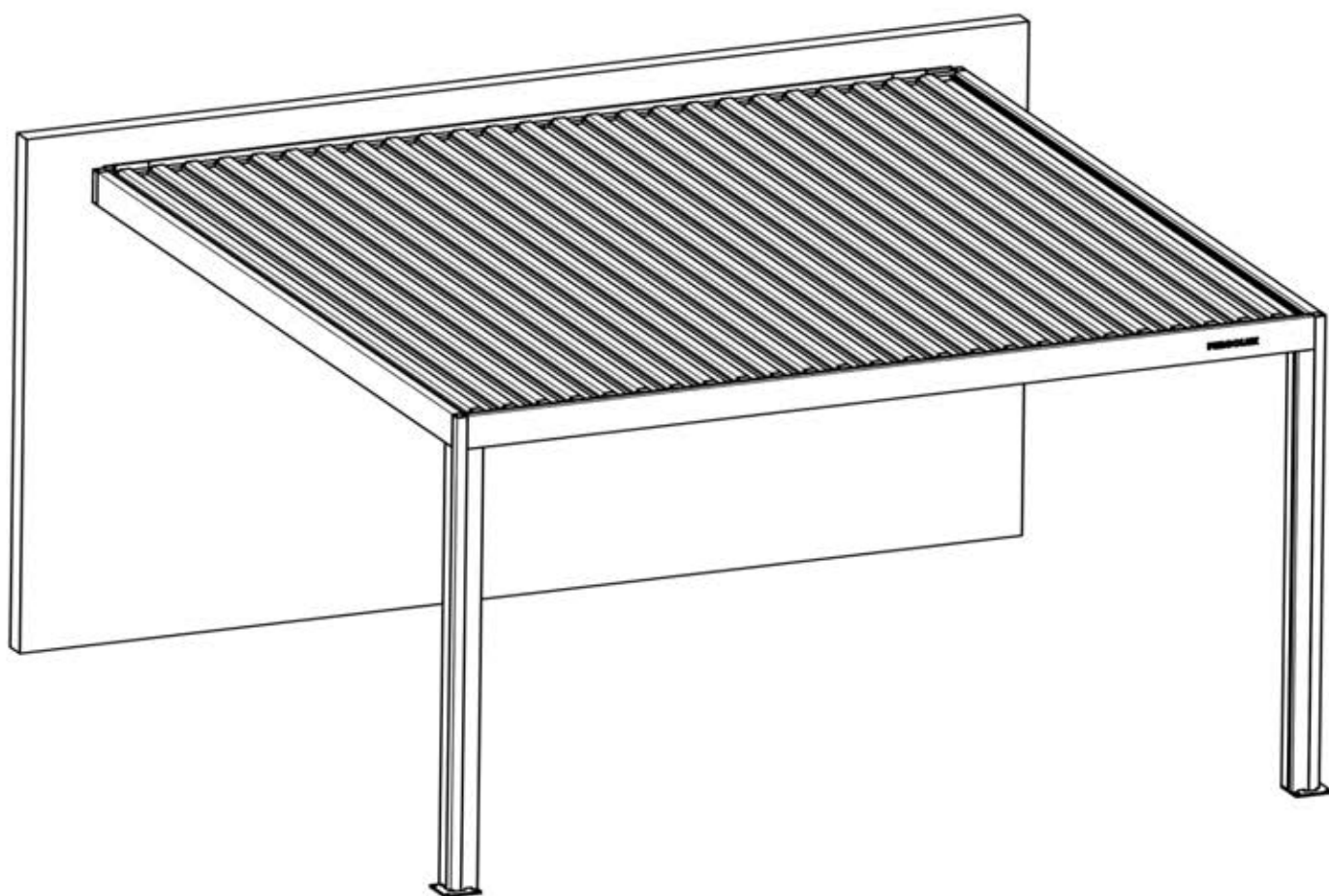


S4

PERGOLA

PRO



4 × 5m / 13' 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

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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

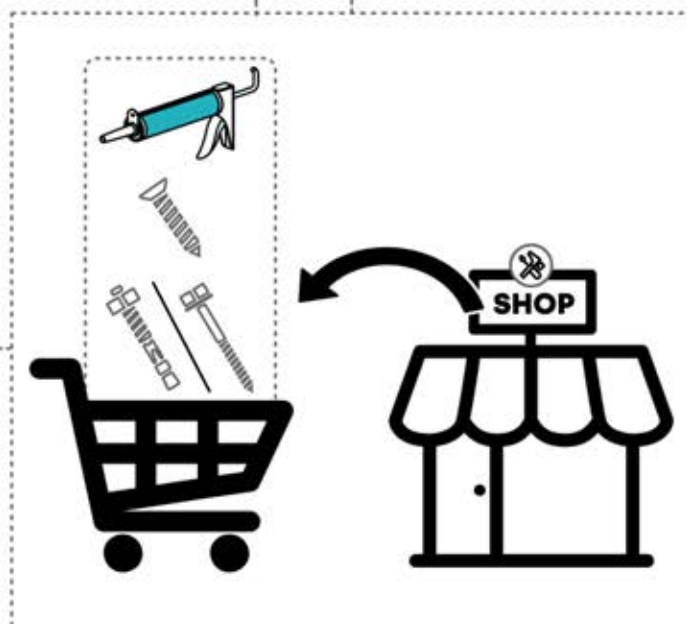
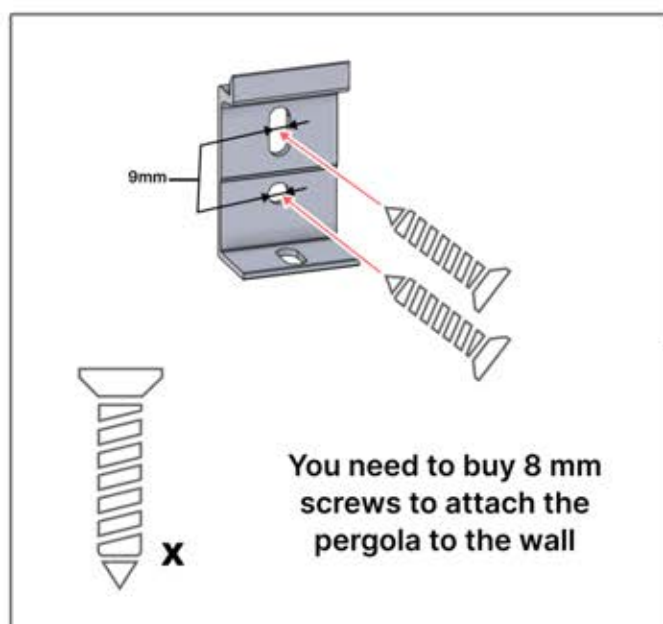
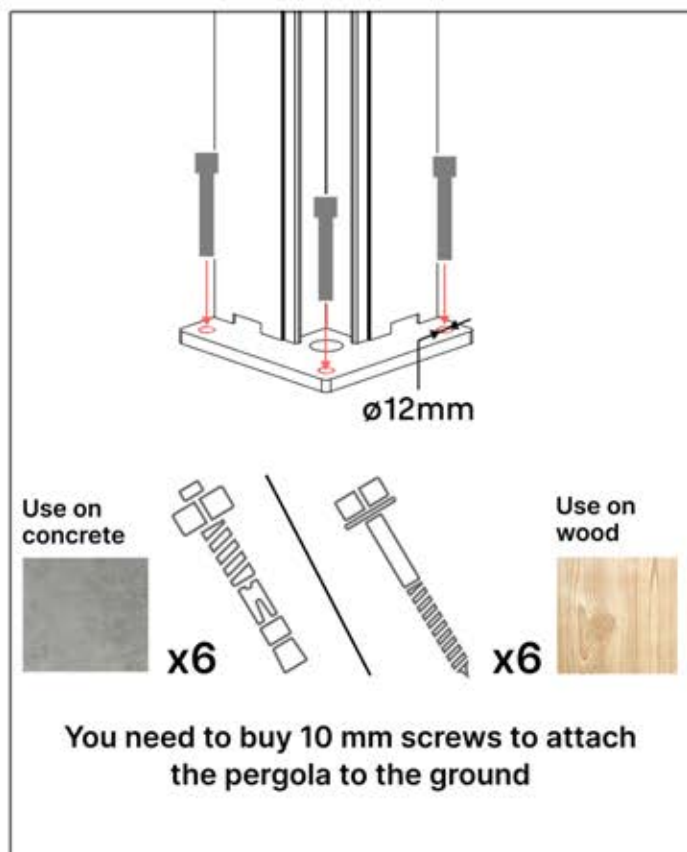
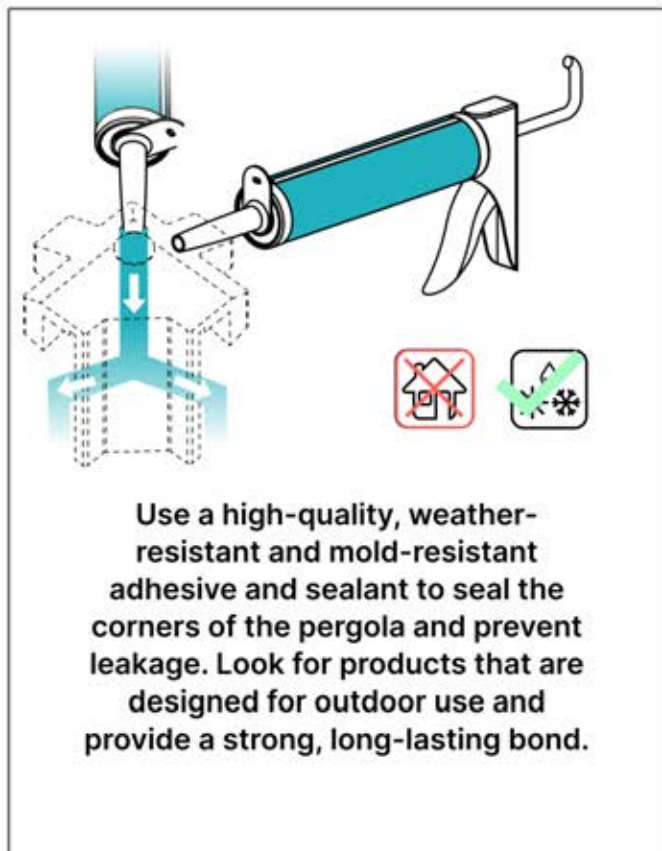


Motor



Turn around

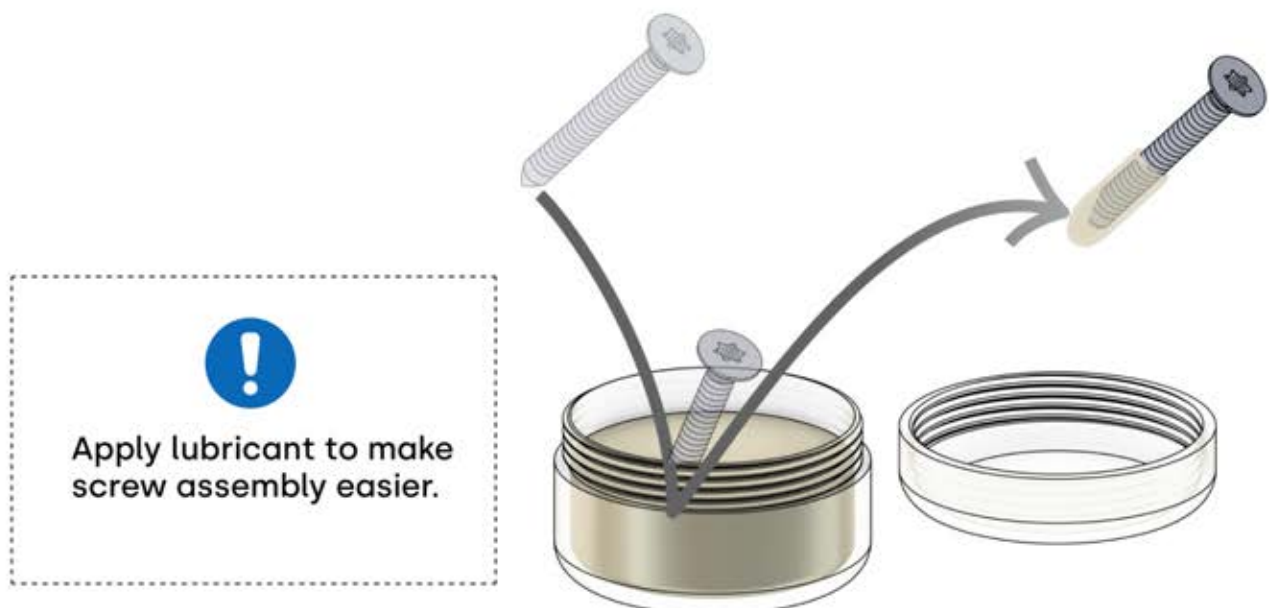
INFORMATION



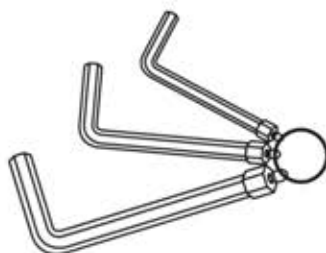
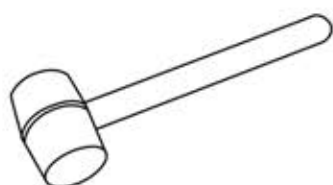
INFORMATION

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

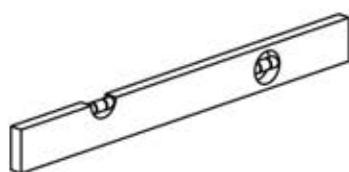
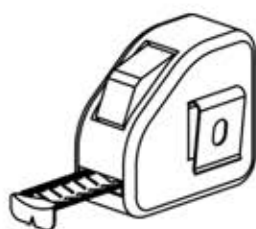
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION



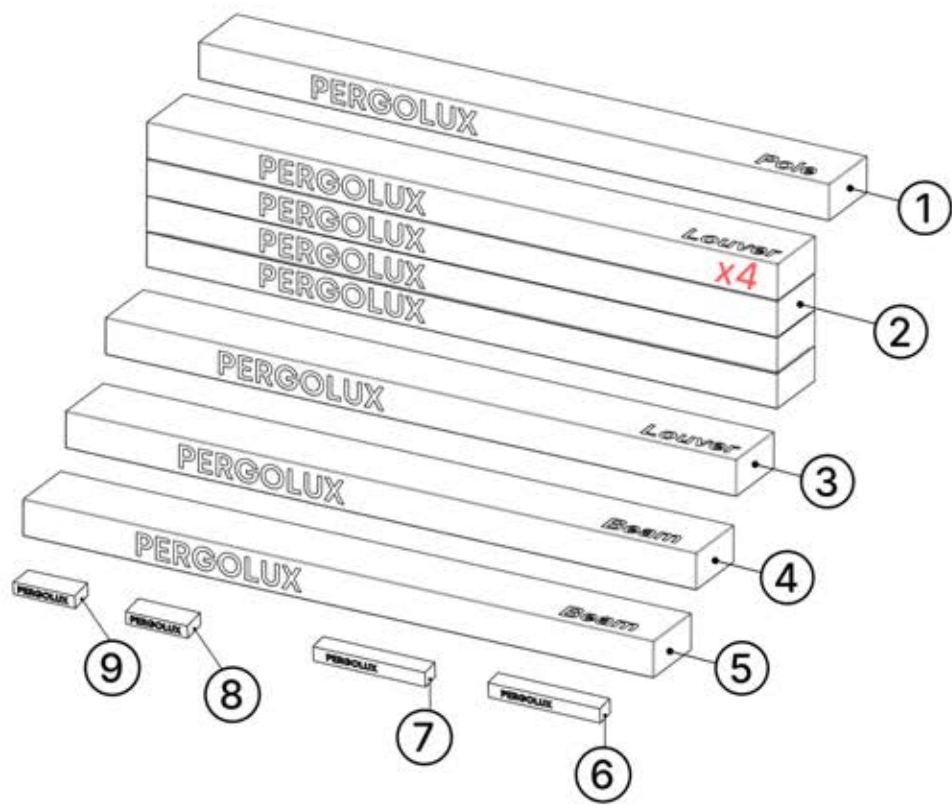
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

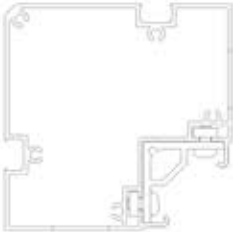


PACKAGE OVERVIEW



ORDER	ANTHRACITE	WHITE	BLACK
①	C120	C122	C121
②	L222	L226	L224
③	L234	L238	L236
④	B246	B254	B250
⑤	B263	B267	B265
⑥	WHITE / RGB LED		
⑦	MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		

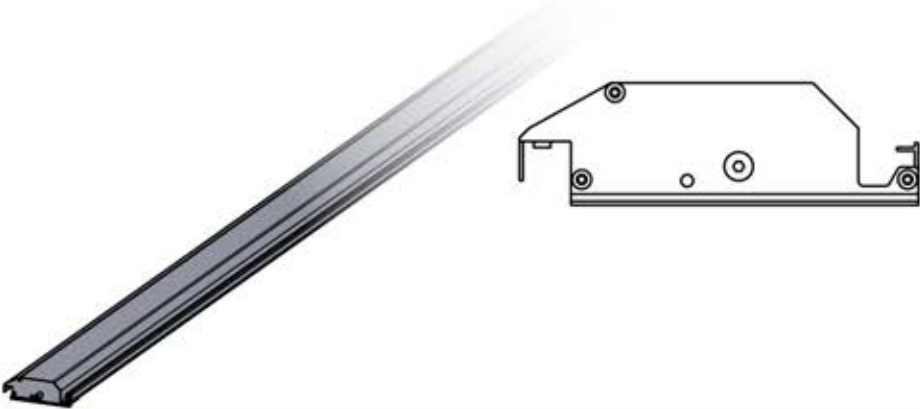
ITEMS IN BOX

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

ITEMS IN BOX



ANTHRACITE	WHITE	BLACK
L222	L226	L224

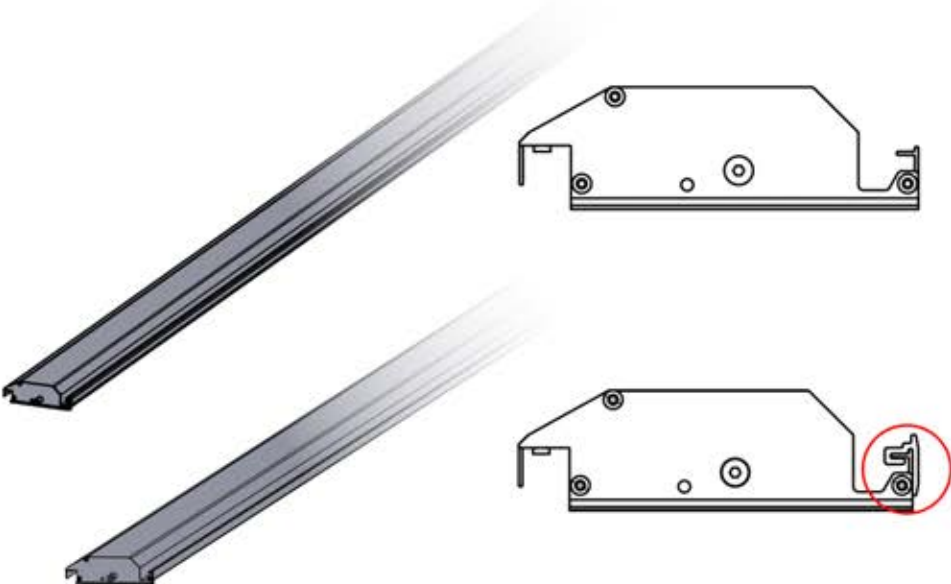


PN-200002883

24x



ANTHRACITE	WHITE	BLACK
L234	L238	L236



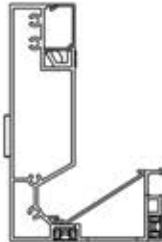
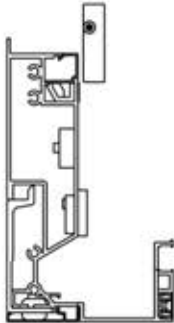
PN-200002883

6x

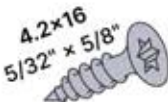
PN-200002975

1x

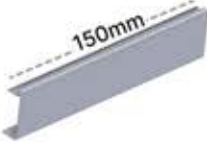
ITEMS IN BOX

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

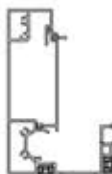
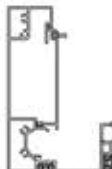
ITEMS IN BOX

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

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
4		B246	B254	B250
 PN-20000 3278  	PN-200003030 1x	 150mm	PN-200003033 2x	
	PN-200003031 1x	 4.2x12	PN-200001207 2x	
 PN-20000 3279 	PN-200000568 32x	 PN-20000 3379 4.2x40 5/32" x 1-9/16" 	PN-200000960 4x	
 PN-20000 3276 	PN-200002618 4x	 3.5x8 6 x 5/16"	PN-200000571 4x	
 PN-20000 3365   5x12 3/16" x 1/2"	PN-200000507 4x	 5.5x50 7/32" x 2"	PN-200000568 2x	
	PN-200000569 8x		PN-200000516 2x	
 PN-20000 3364 	PN-200002792 2x		PN-200002617 2x	

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
5		B263	B267	B265
		PN-200003358 1x		
		PN-200003359 1x		
		Premounted PN-200002903 2x		
		PN-200003204 2x		

ITEMS IN BOX



6

WHITE / RGB LED



LED light strip

4x



Y cable

1x



7

ELECTRIC MOTOR



Electric motor
PN-200001562

1x



PN-200001623

1x



PN-200001624

1x



PN-200001625

2x

ITEMS IN BOX



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



8

CONTROL BOX



Control box

1x



Matter antenna clip

1x



PN-200002684

10x



PN-200002683

5x



QR-code

1x



3M tape

1x



PN-200002756

1x



PN-200002754

1x



PN-200002758

1x



PN-200002753

2x



PN-200002759

2x



PN-200002757

1x

ITEMS IN BOX



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



9

POWER CABLE



Power cable

1x



All electric parts should be tested before installation.

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

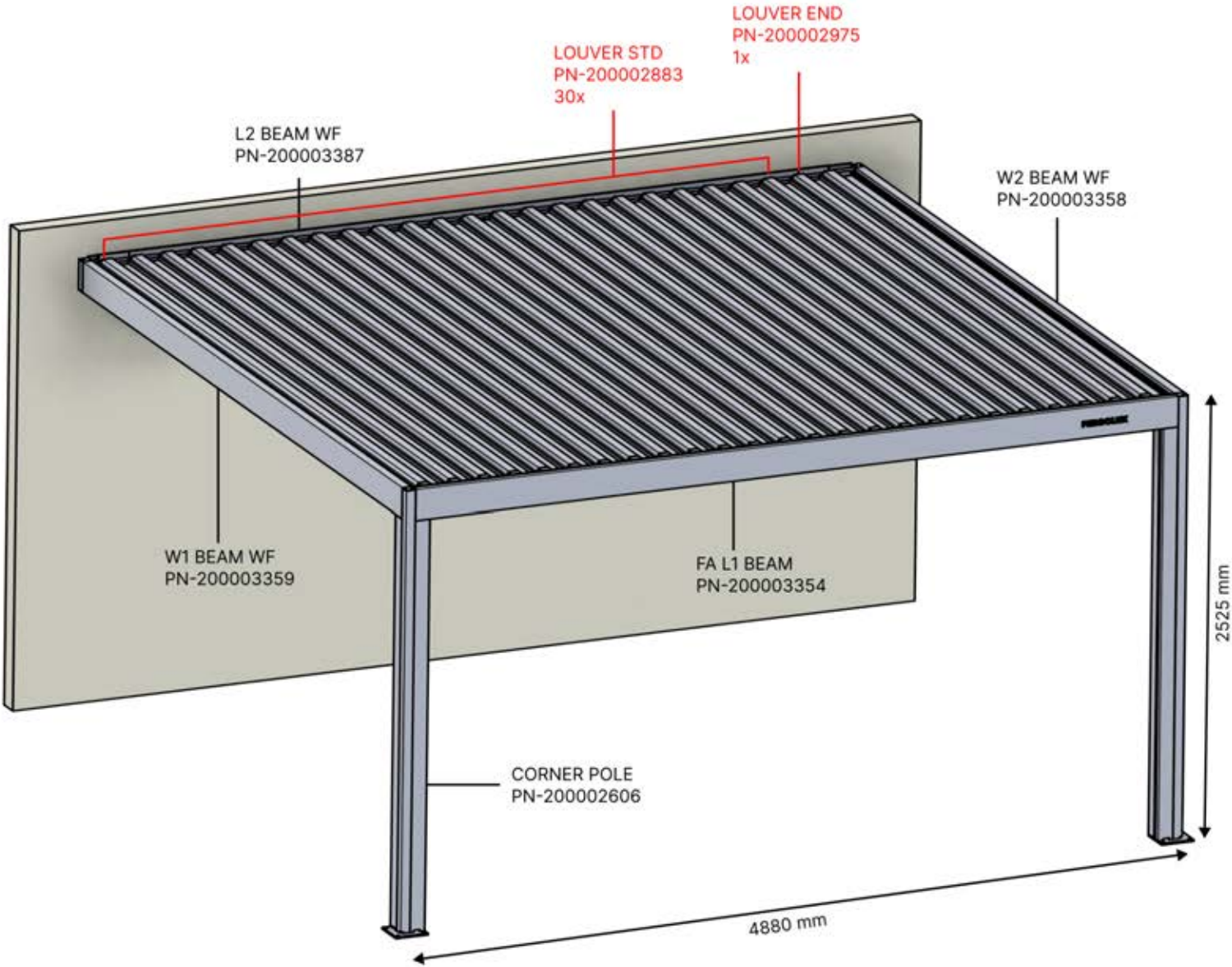
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



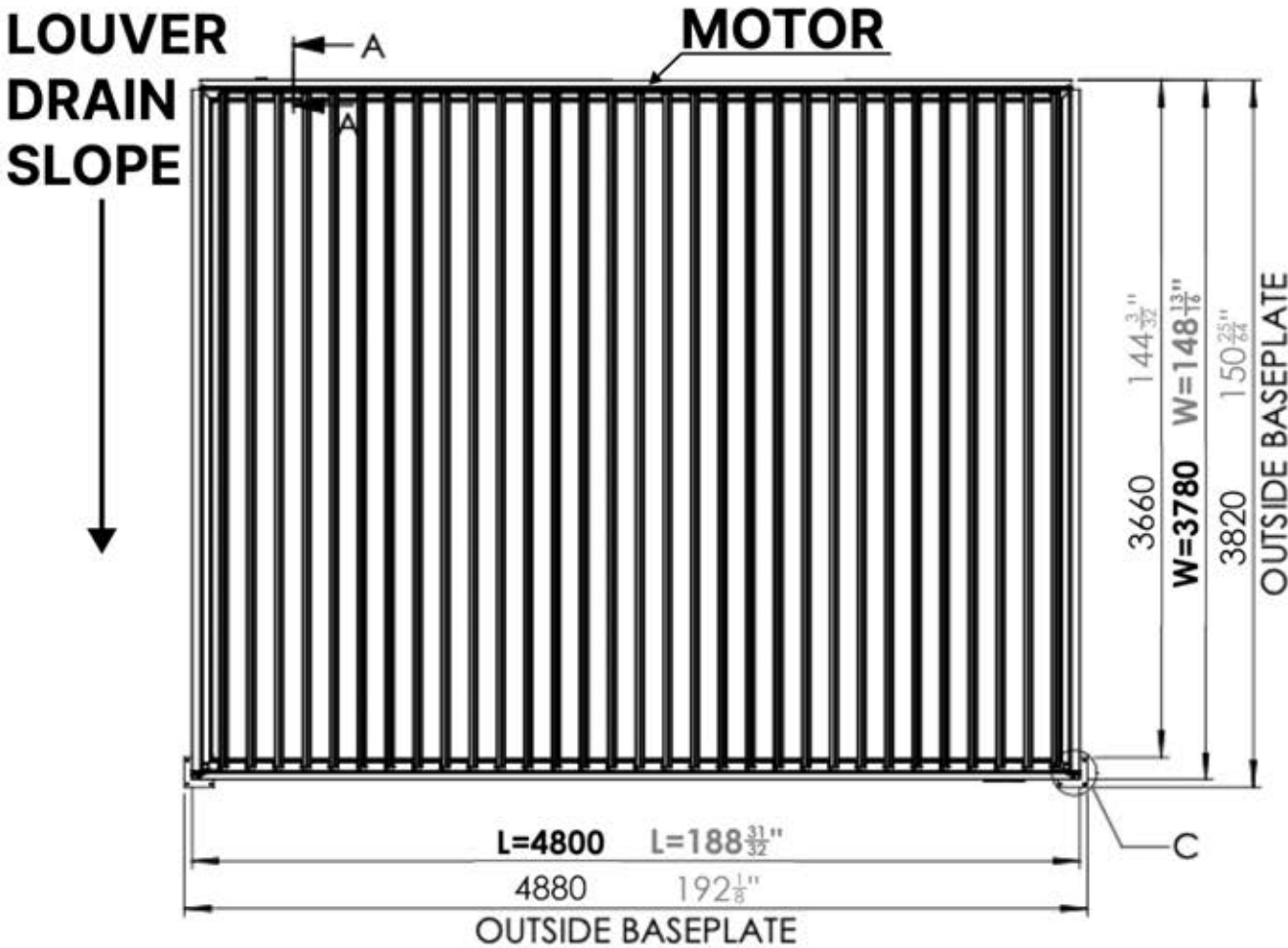
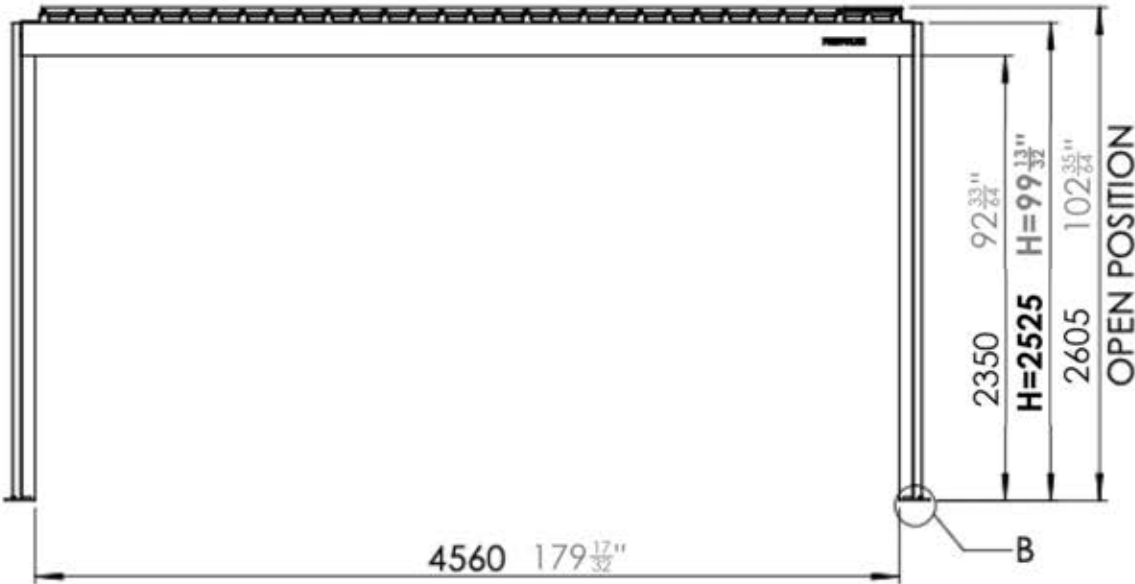
CONTROL BOX

[View Manual](#)

4 × 5 M / 13'x16'



4 × 5 M / 13'x16'



INFORMATION

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

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

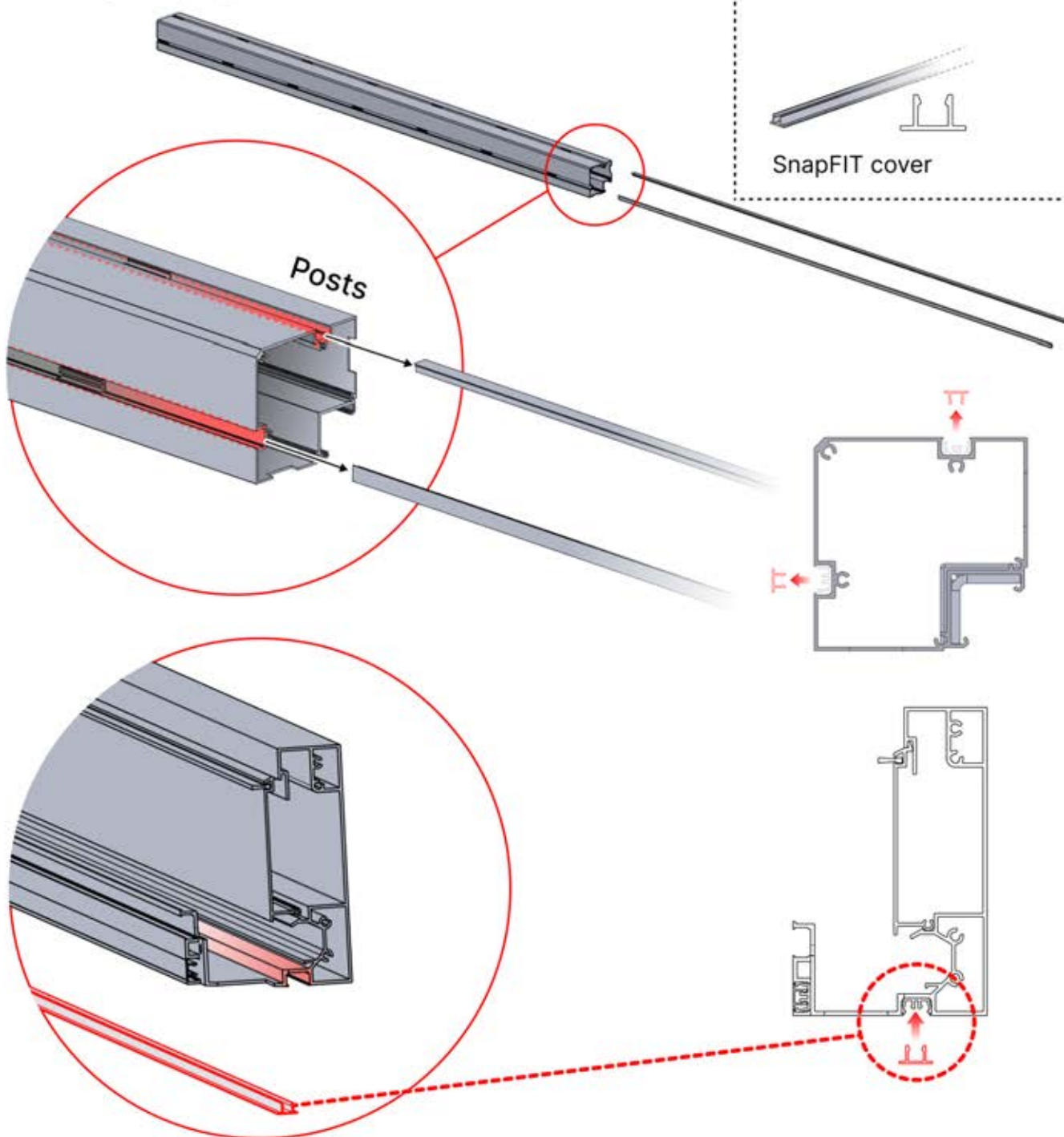
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



Are you installing a heater, fan or LED lights?

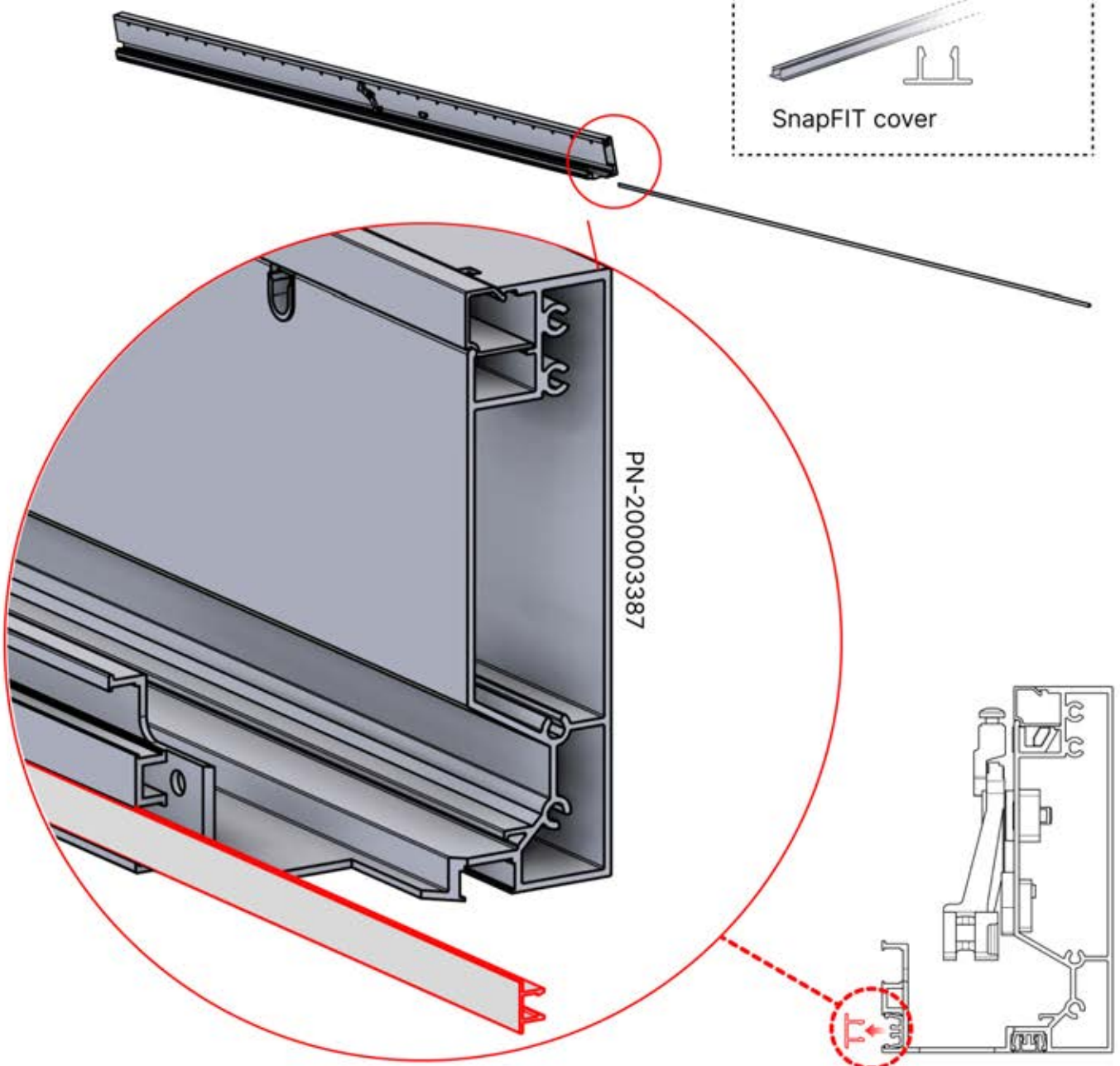
Cover and clips



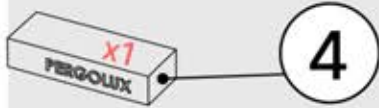
PN-200000512
SnapFIT COVER CLIP



SnapFIT cover

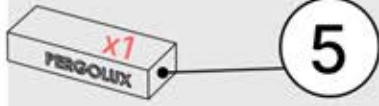


INFORMATION



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



5

ANTHRACITE: B263
WHITE: B267
BLACK: B265



PN-200003358

1x

PN-200003359

1x

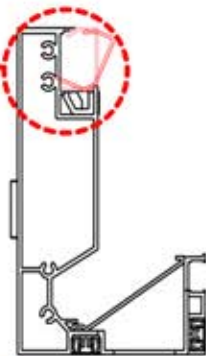
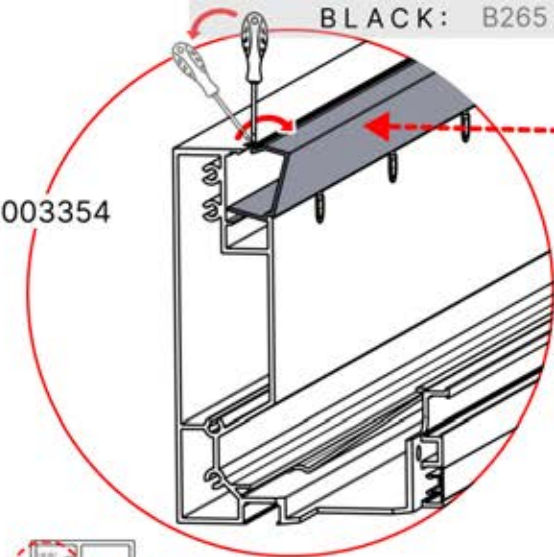
PN-200003354

1x

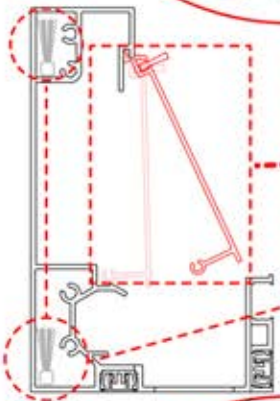
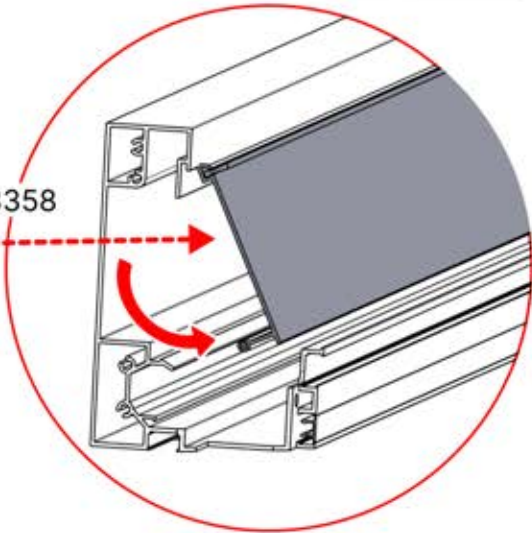
PN-200003387

1x

PN-200003354

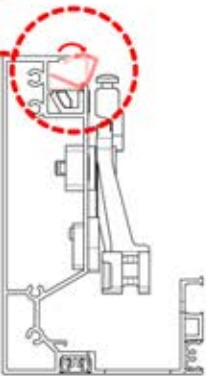


PN-200003358

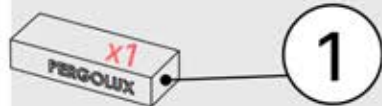


! Remove the brush from the beam and set it aside. It will be installed during a later step in the manual.

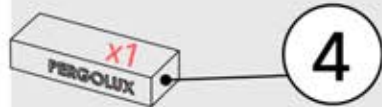
PN-200003387



01



ANTHRACITE: C120
WHITE: C122
BLACK: C121



ANTHRACITE: B246
WHITE: B254
BLACK: B250



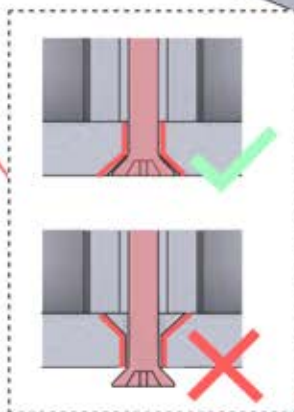
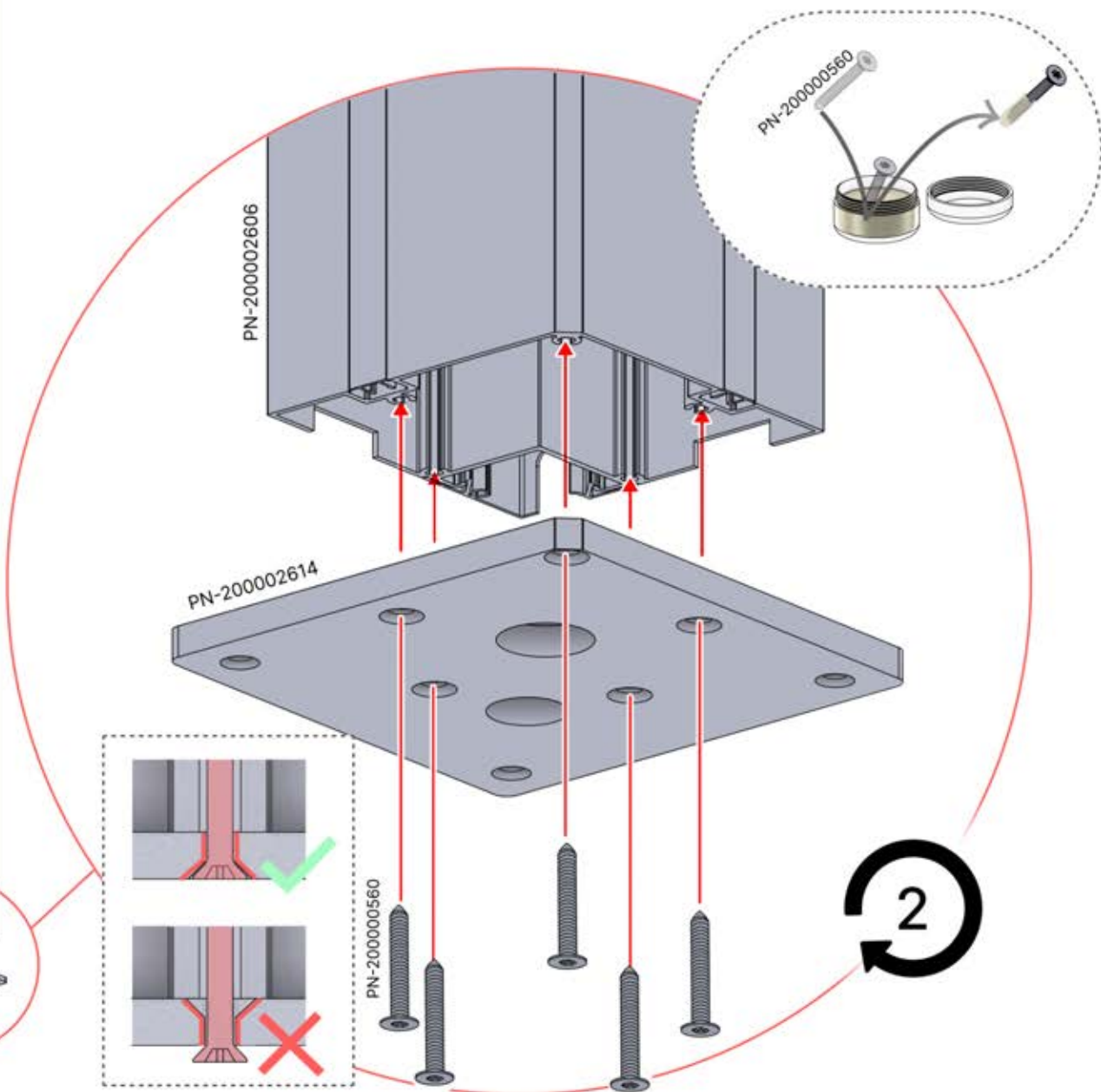
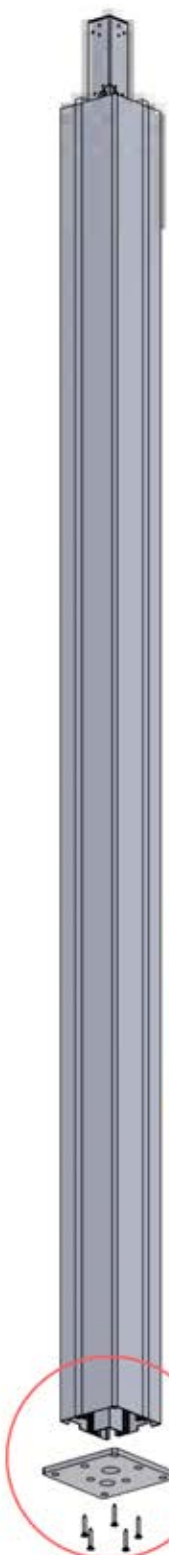
PN-200002606
2x



PN-200002614
2x



PN-200000560
10x



02



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



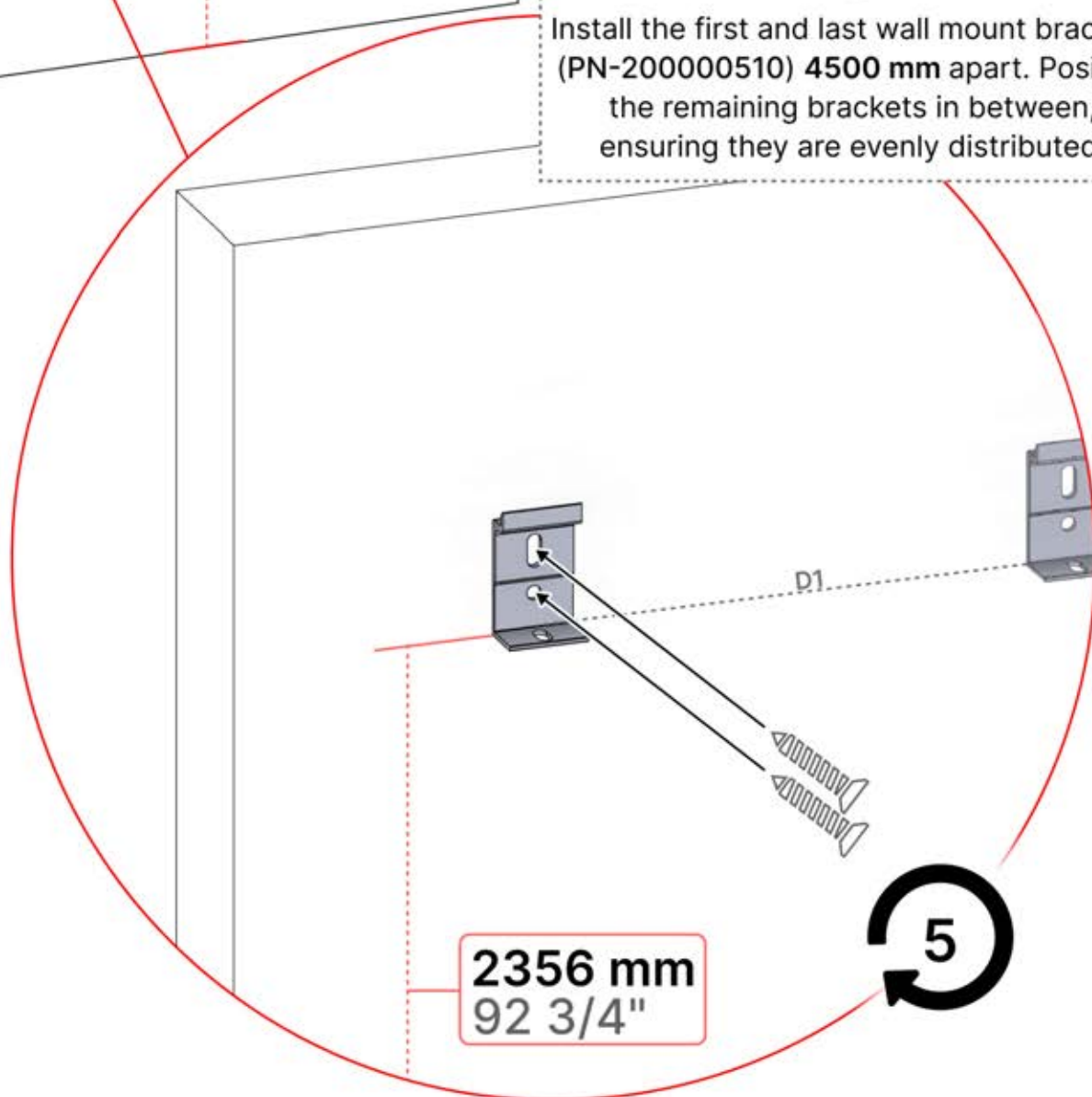
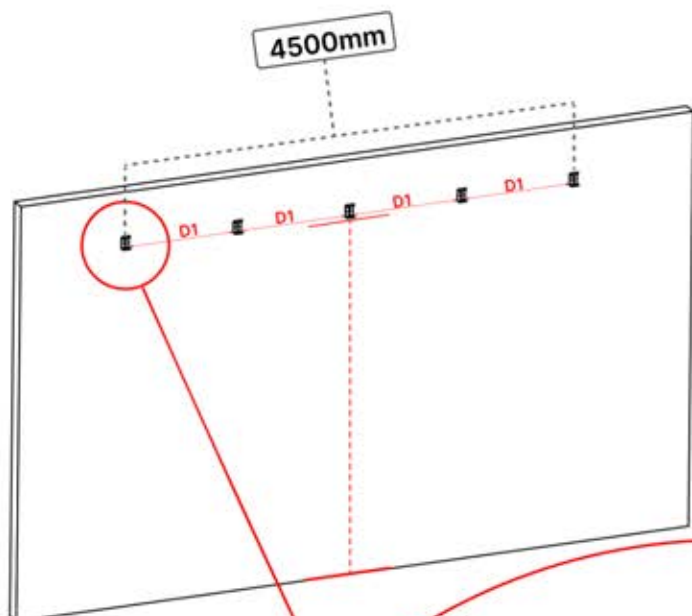
PN-200000510
5x



x10



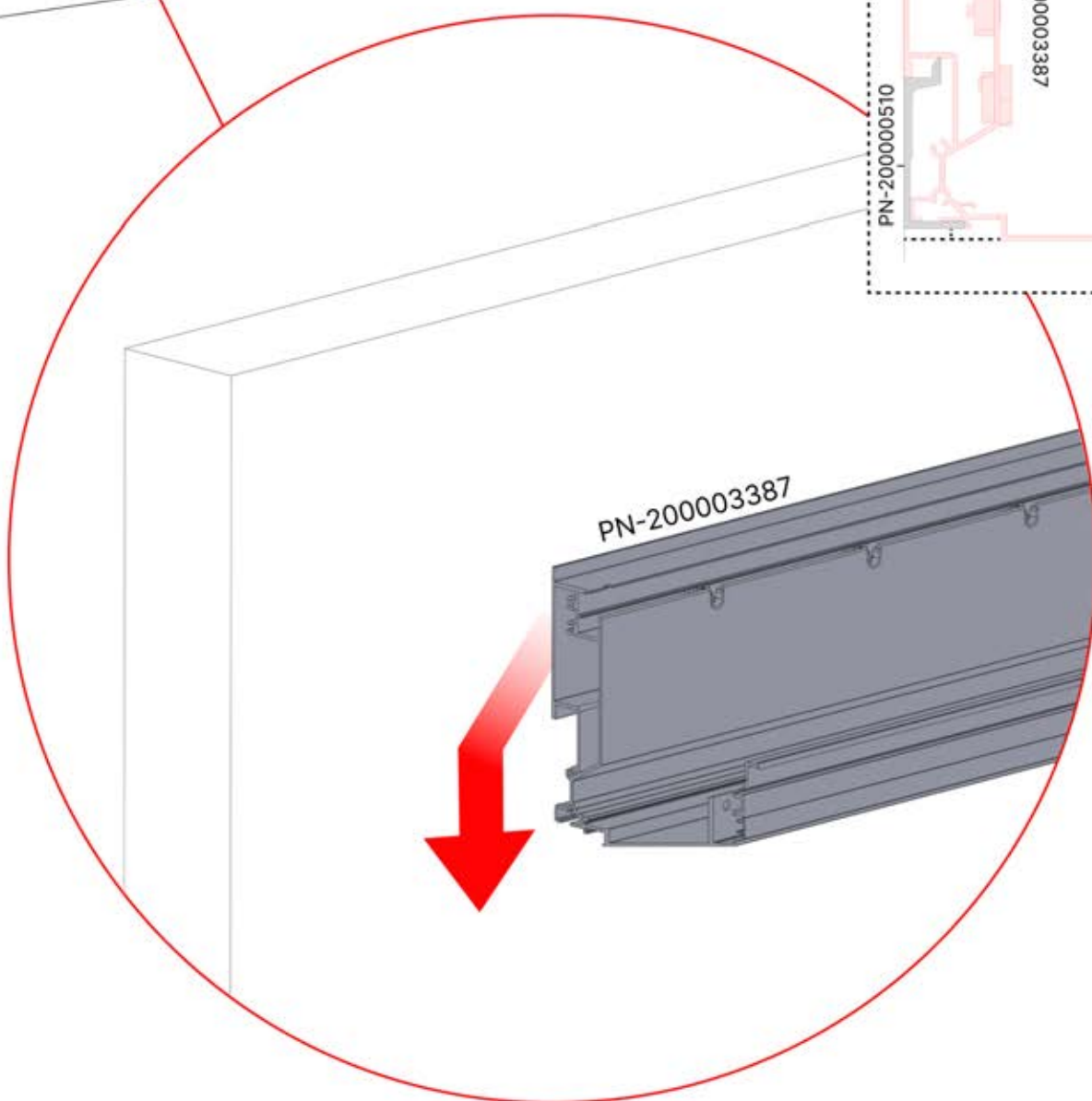
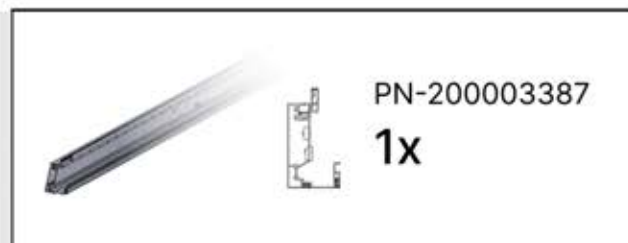
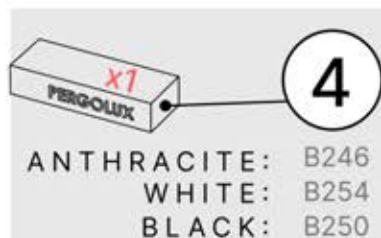
Install the first and last wall mount brackets (PN-200000510) 4500 mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.



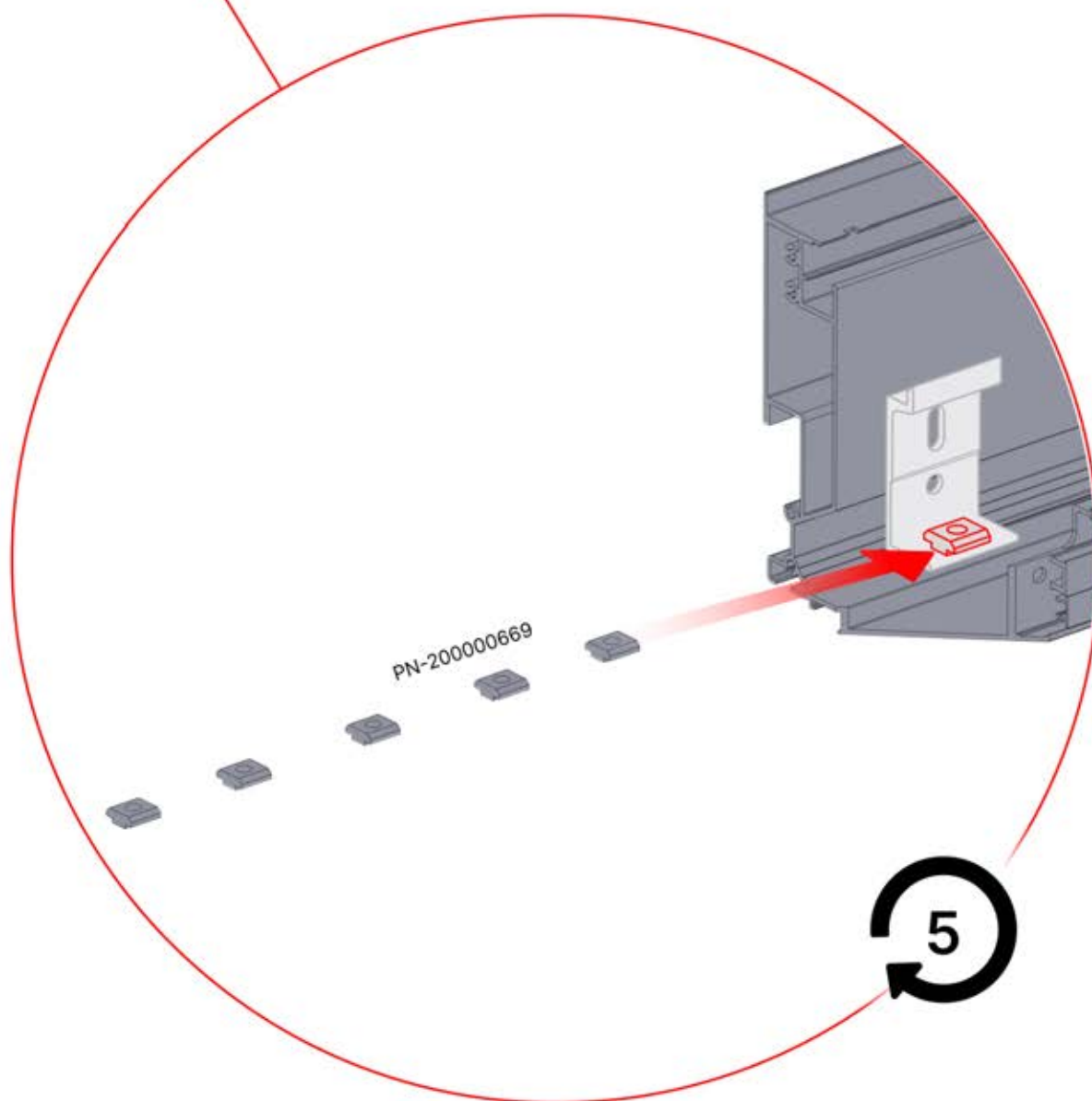
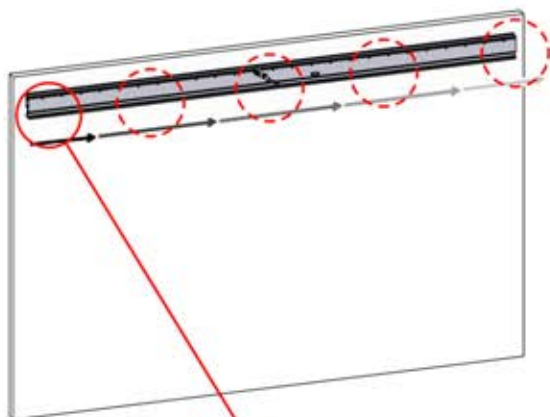
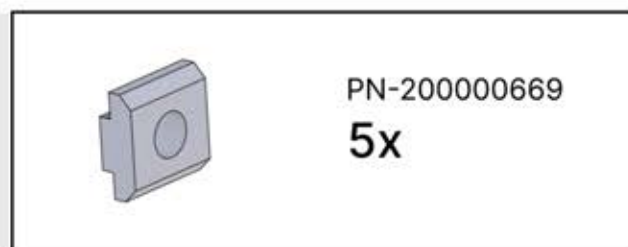
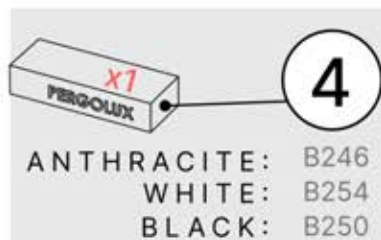
2356 mm
92 3/4"



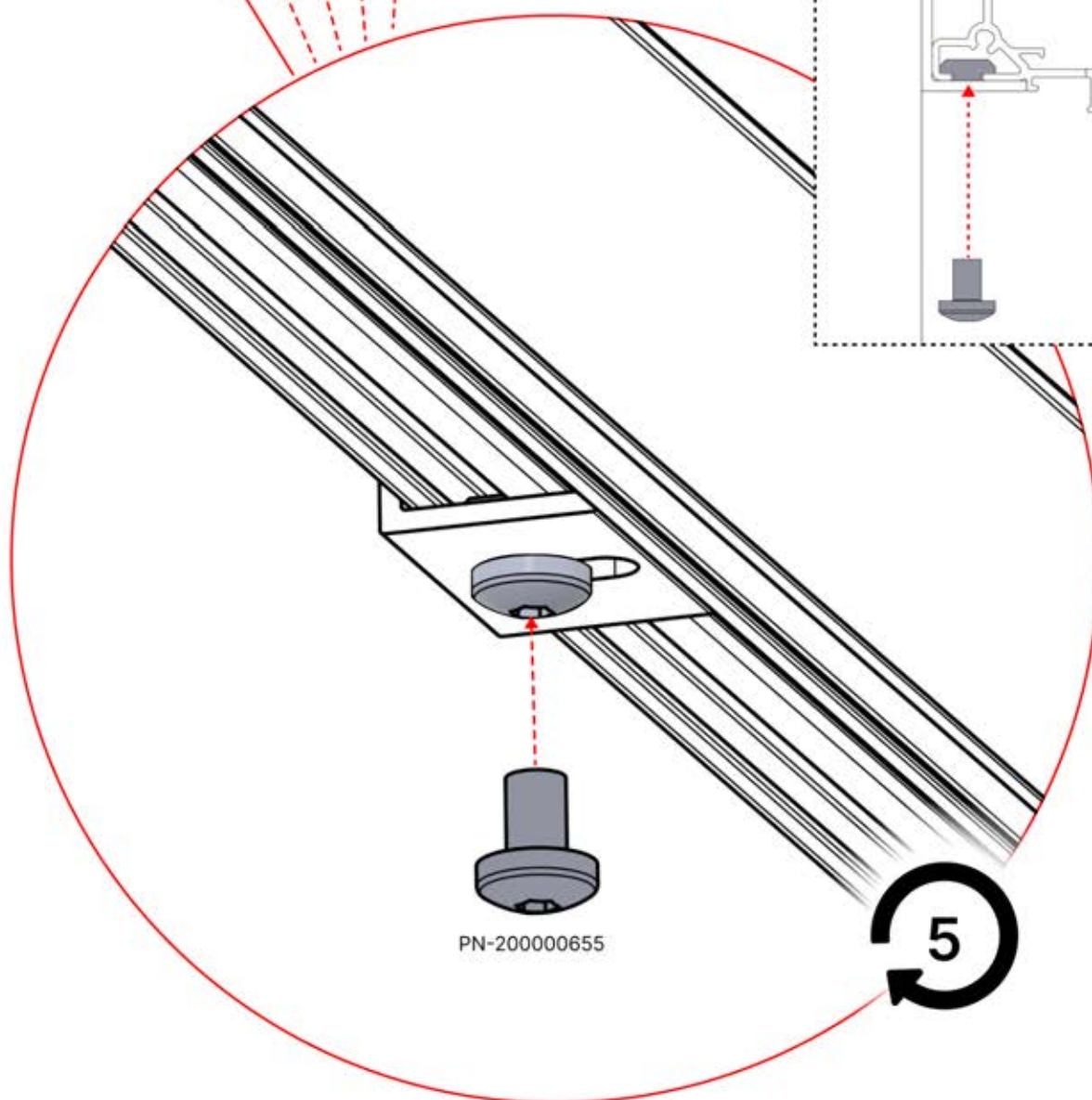
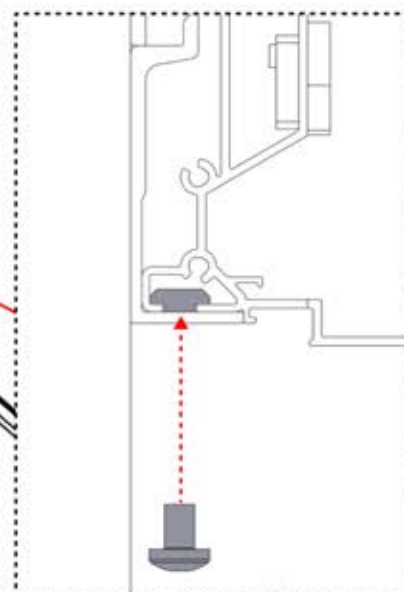
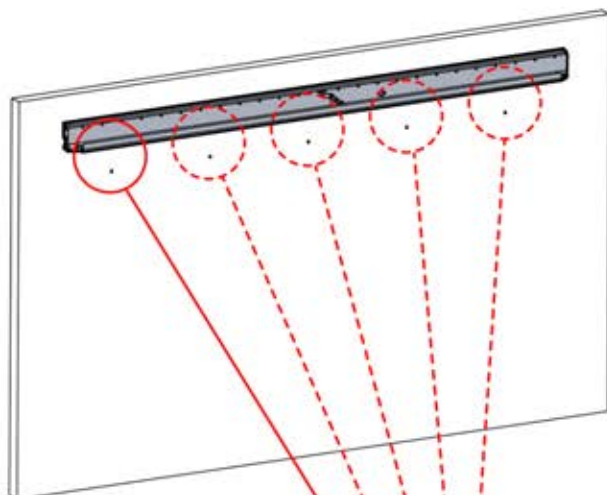
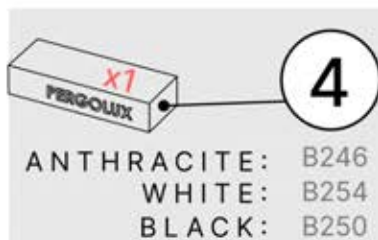
03



04



05



06


x1
4

ANTHRACITE: B246
 WHITE: B254
 BLACK: B250


x1
5

ANTHRACITE: B263
 WHITE: B267
 BLACK: B265



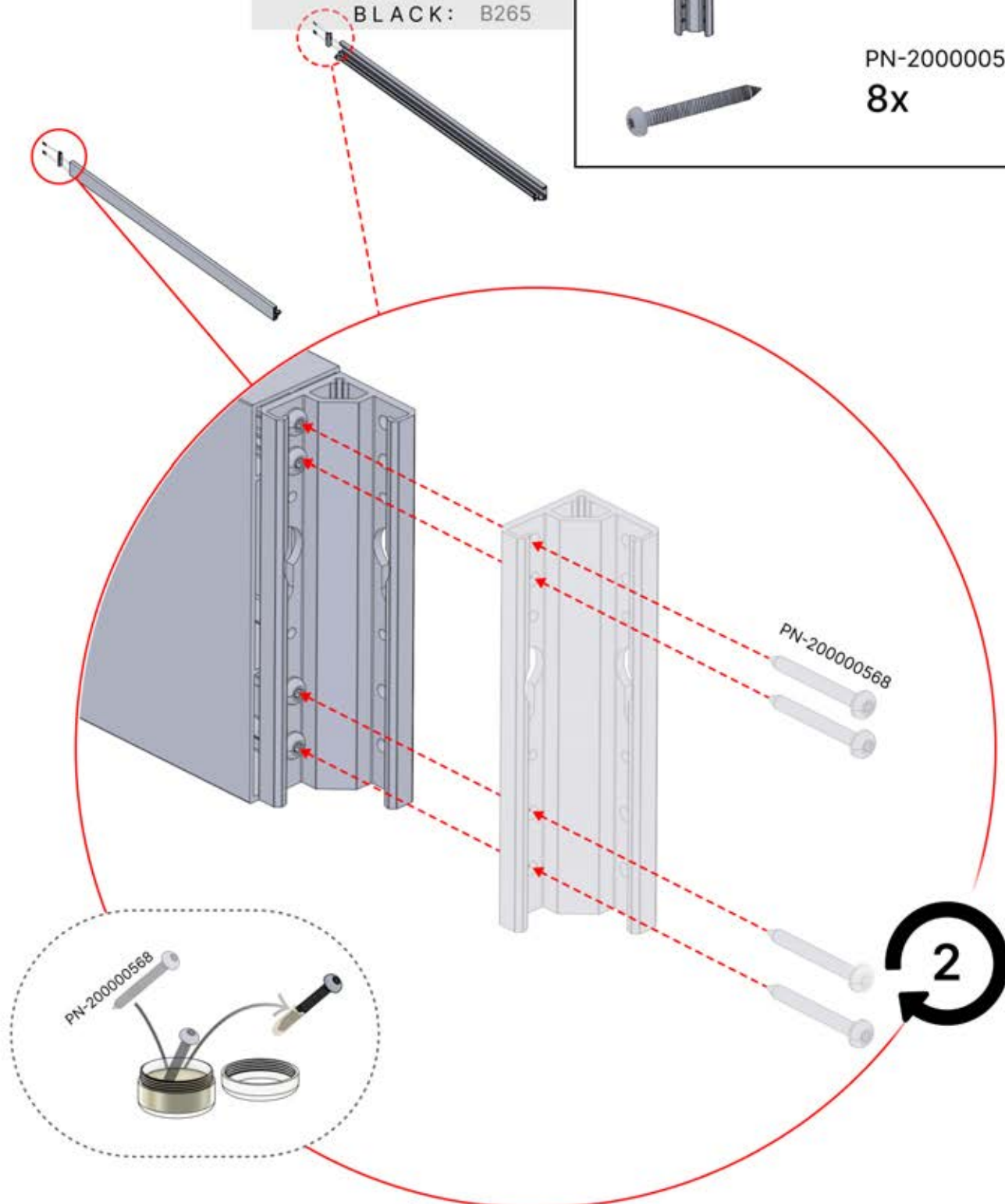
 PN-200003358
1x



 PN-200003359
1x


 PN-200003308
2x


 PN-200000568
8x



07



5

ANTHRACITE: B263
WHITE: B267
BLACK: B265



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



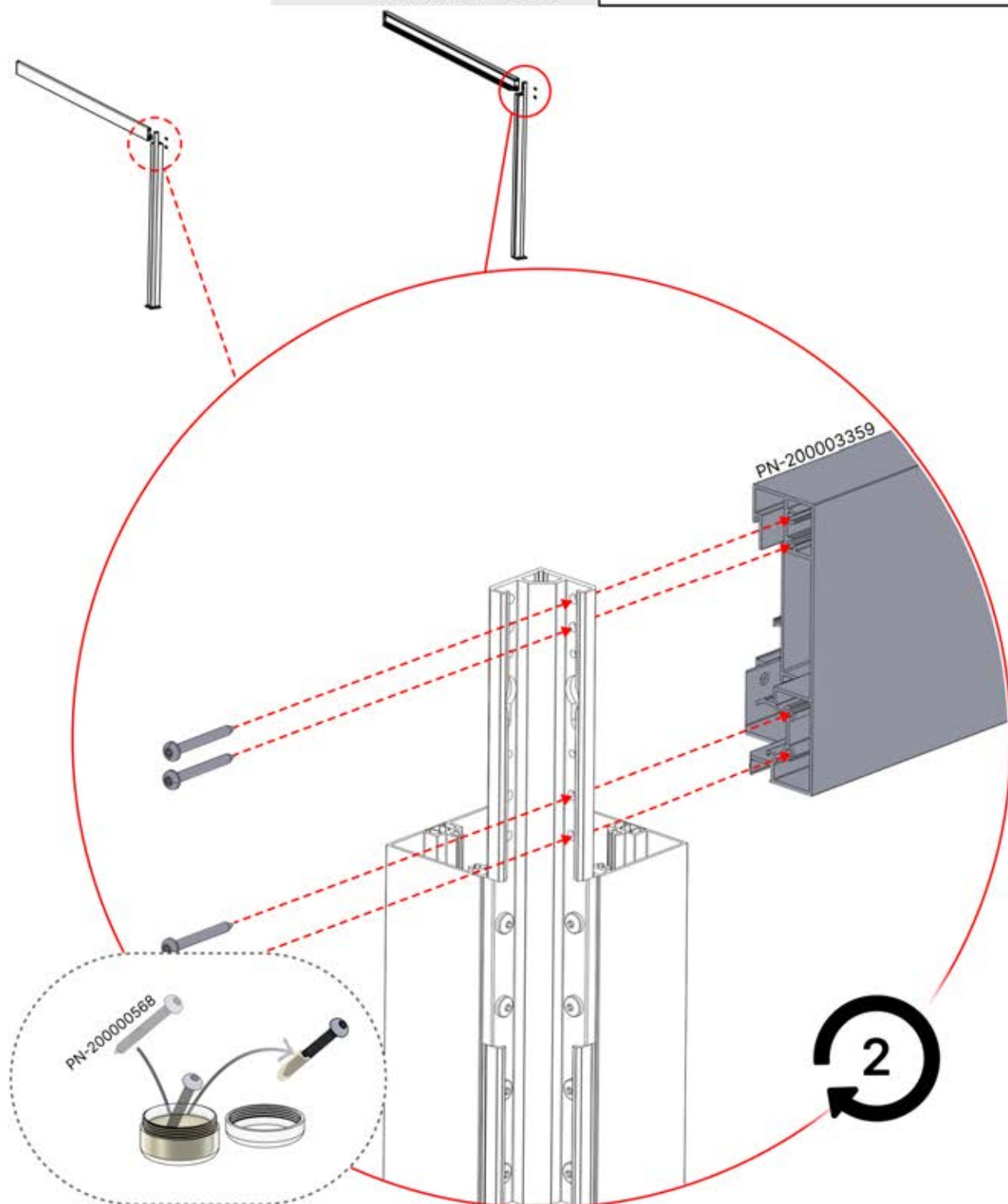
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1x



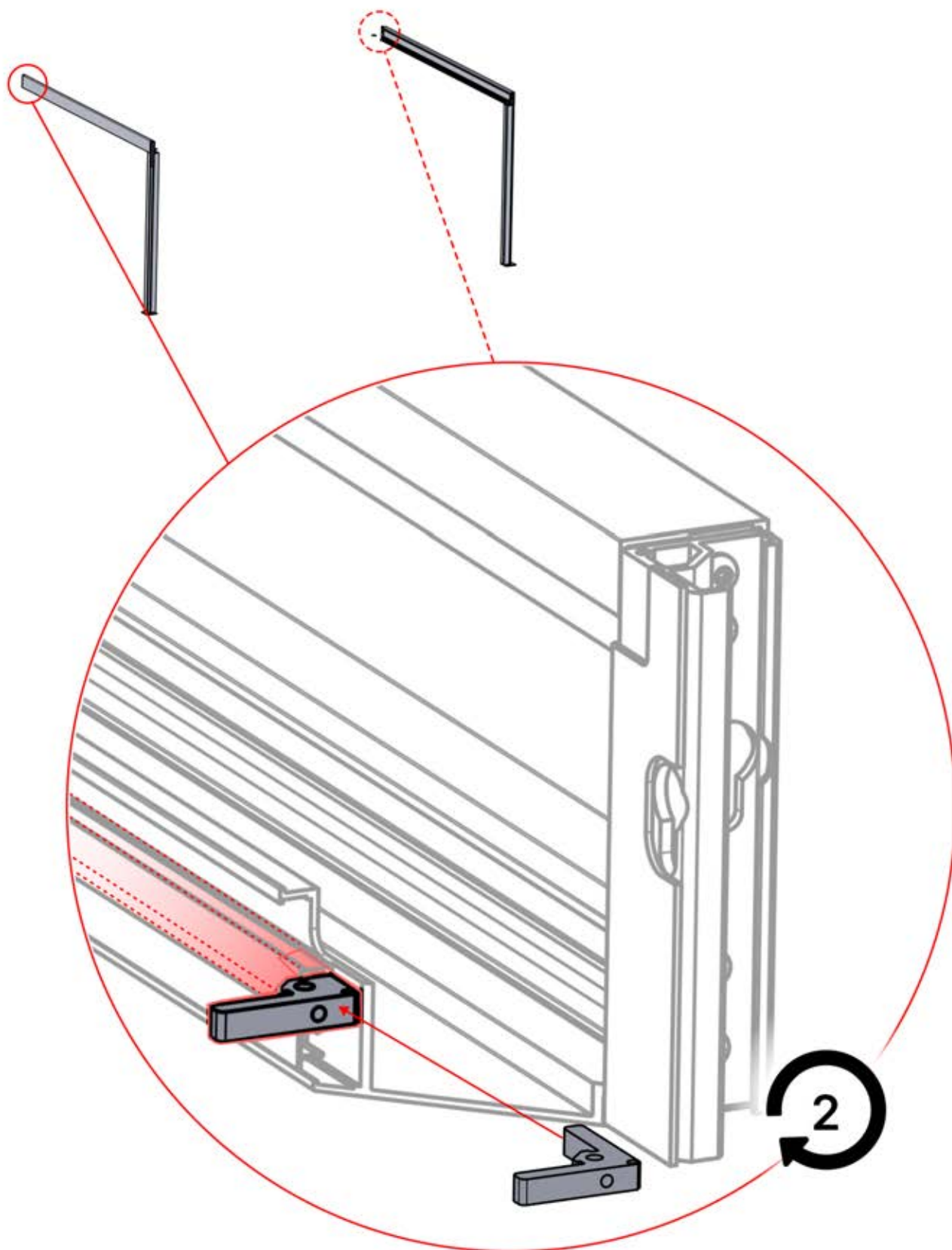
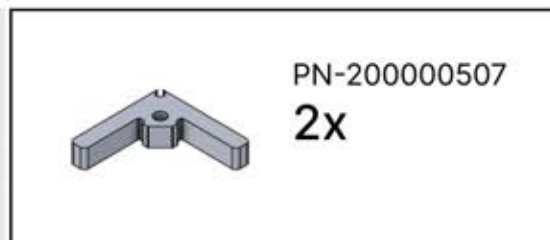
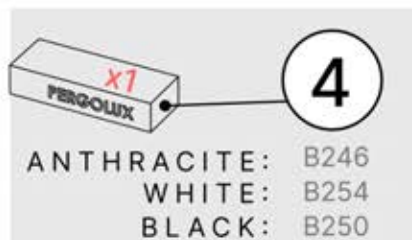
PN-200003359
1x



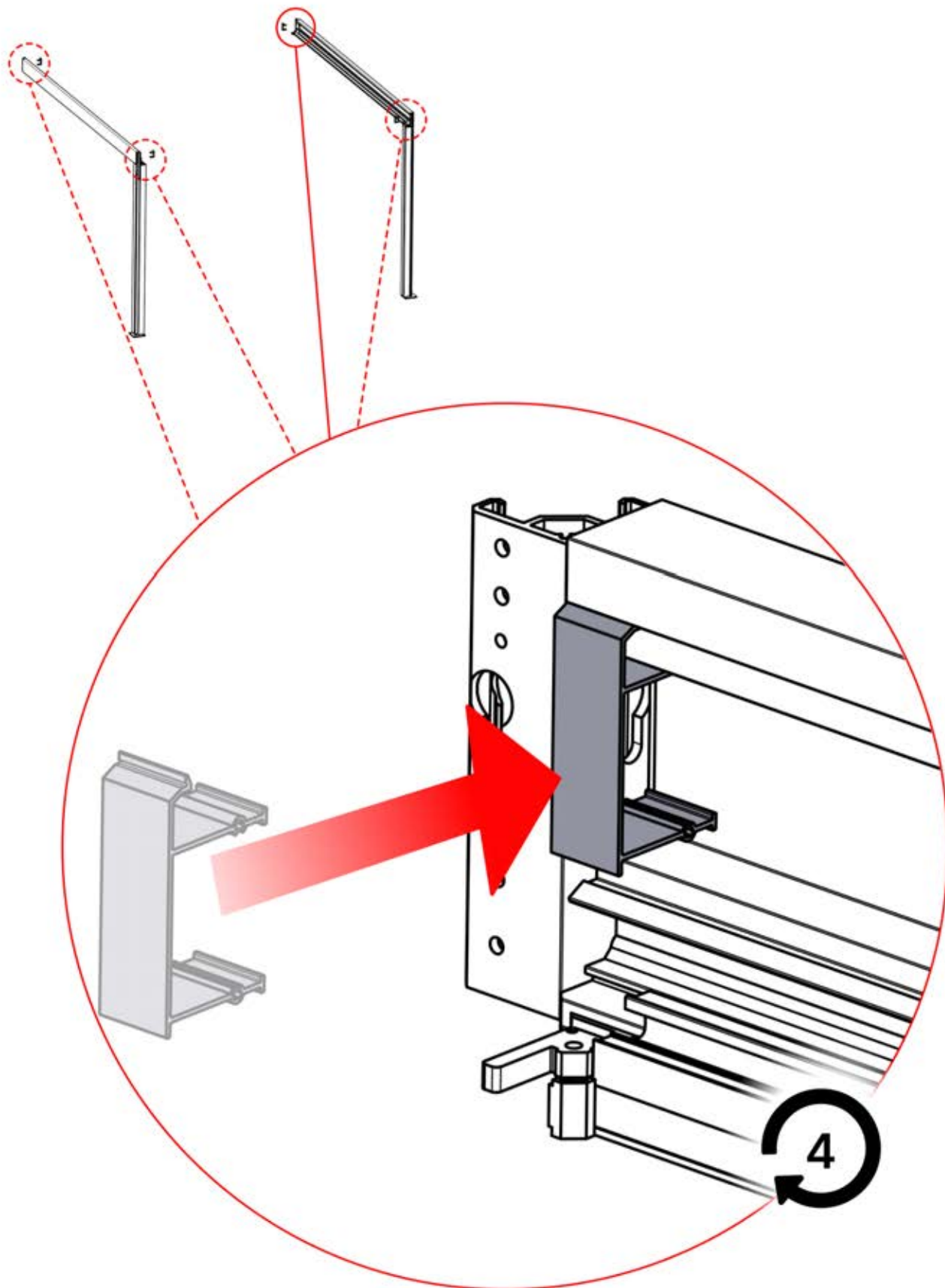
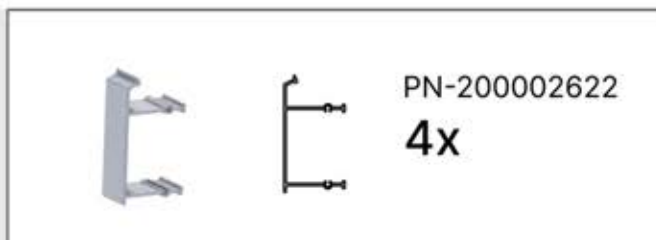
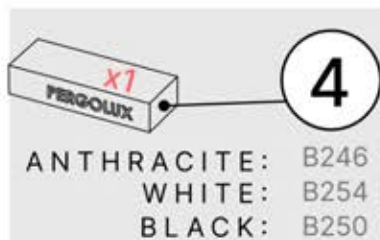
PN-200000568
8x



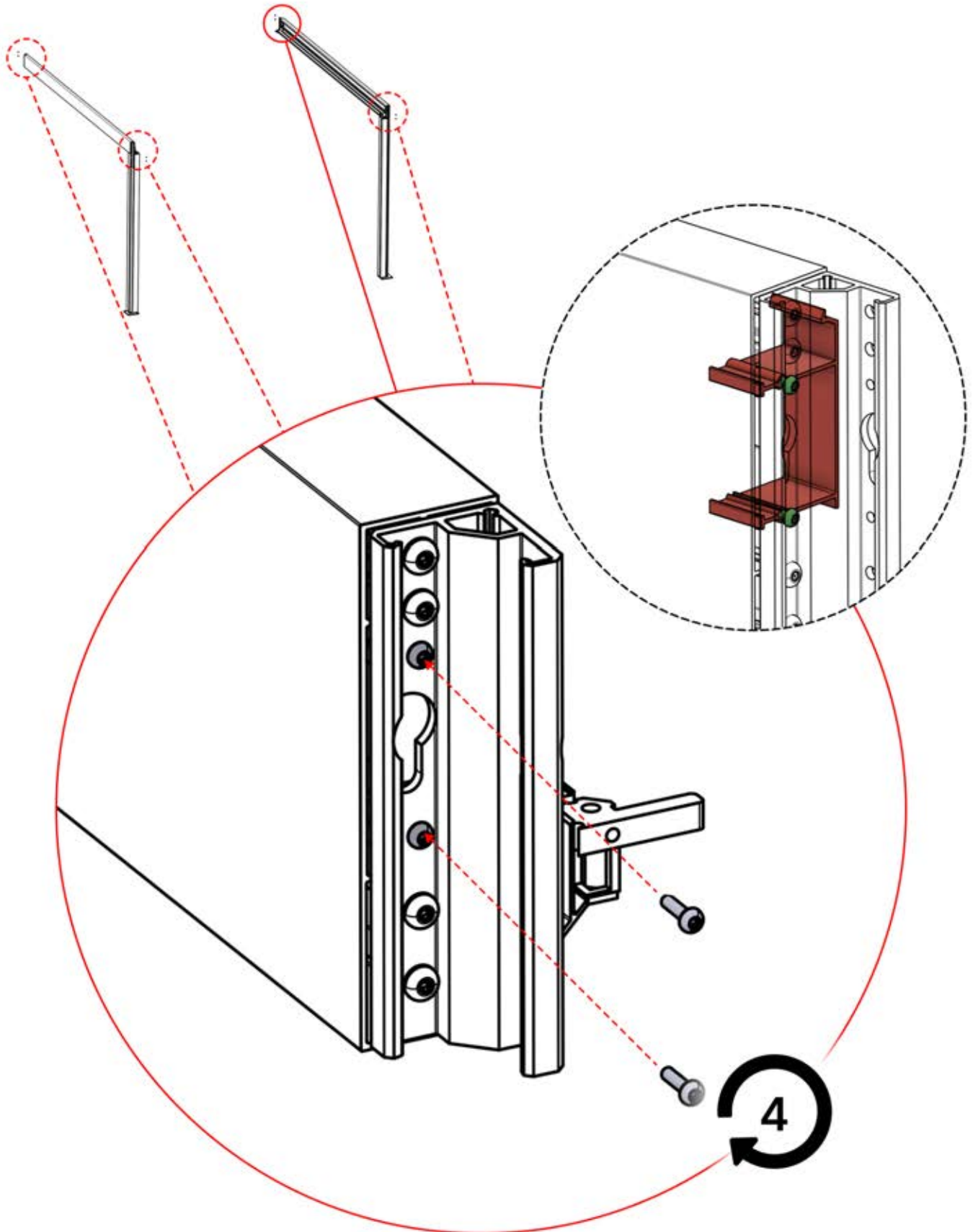
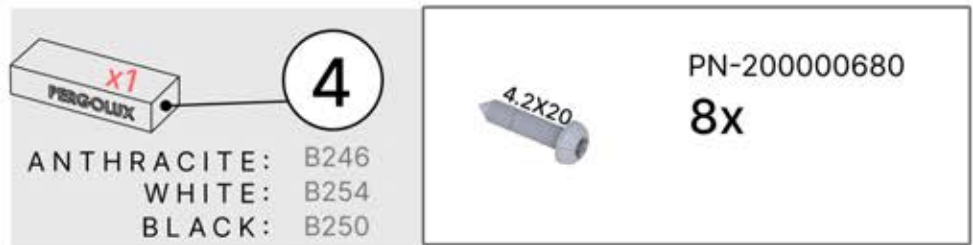
08



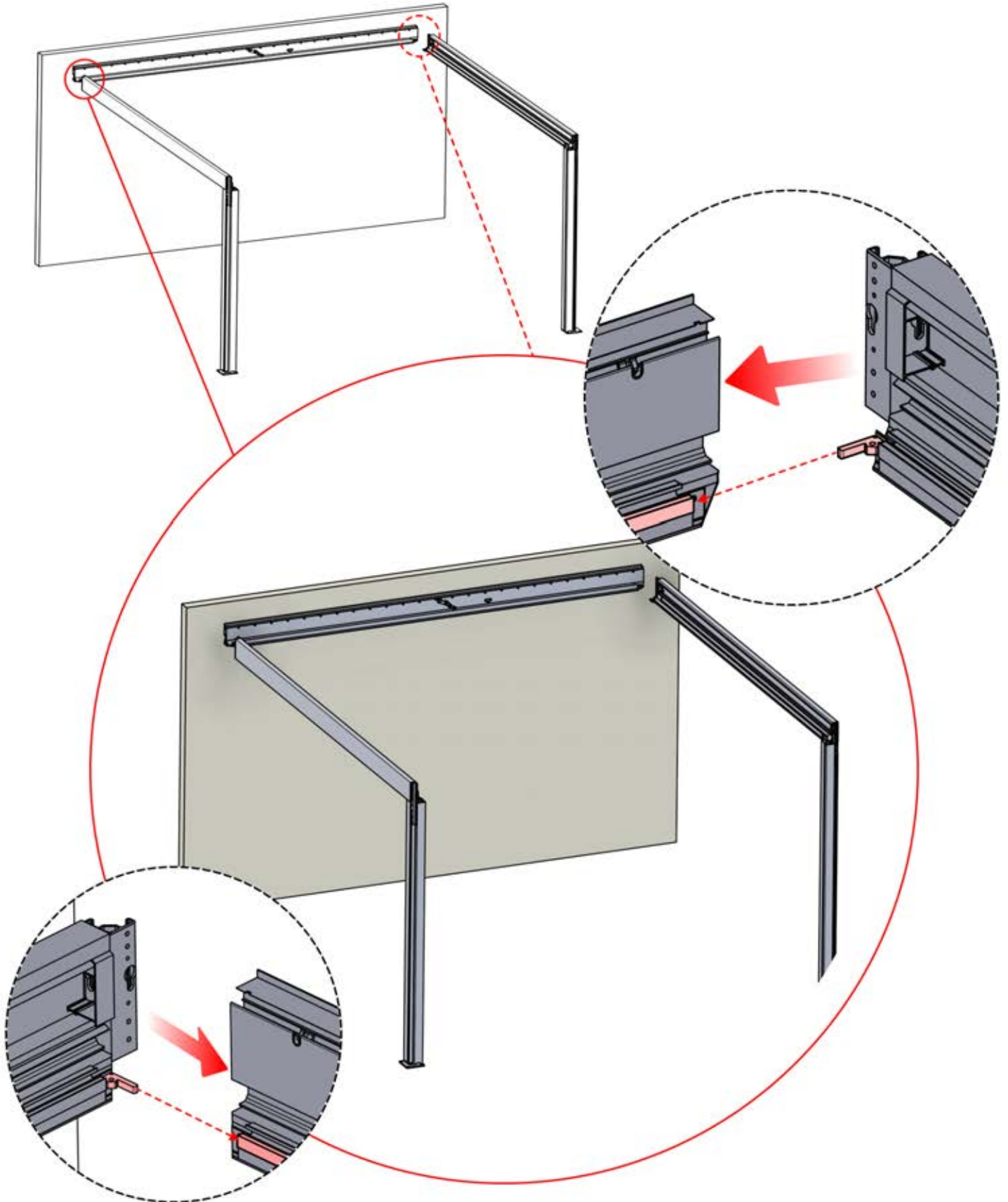
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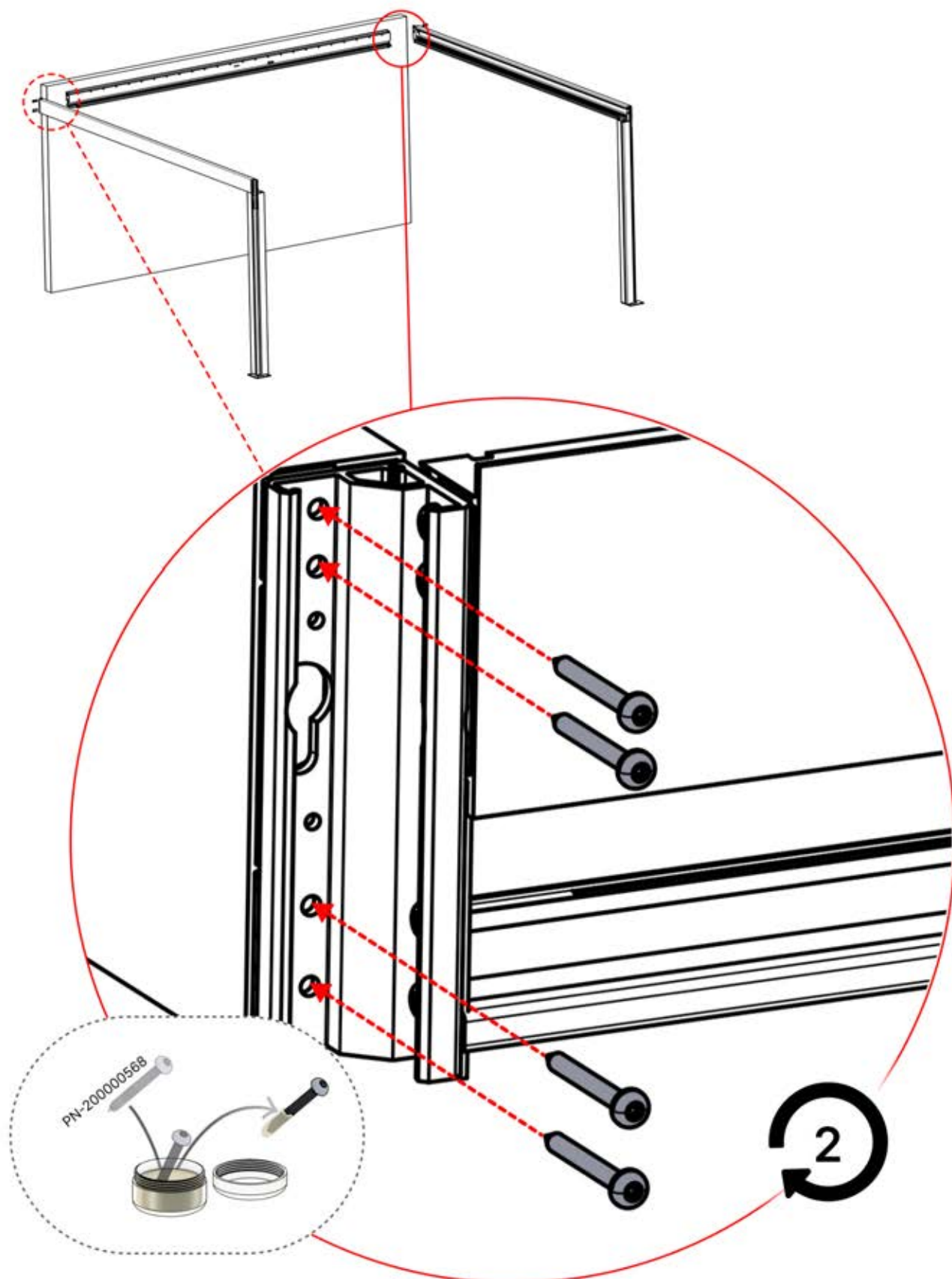
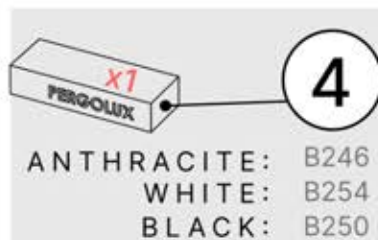
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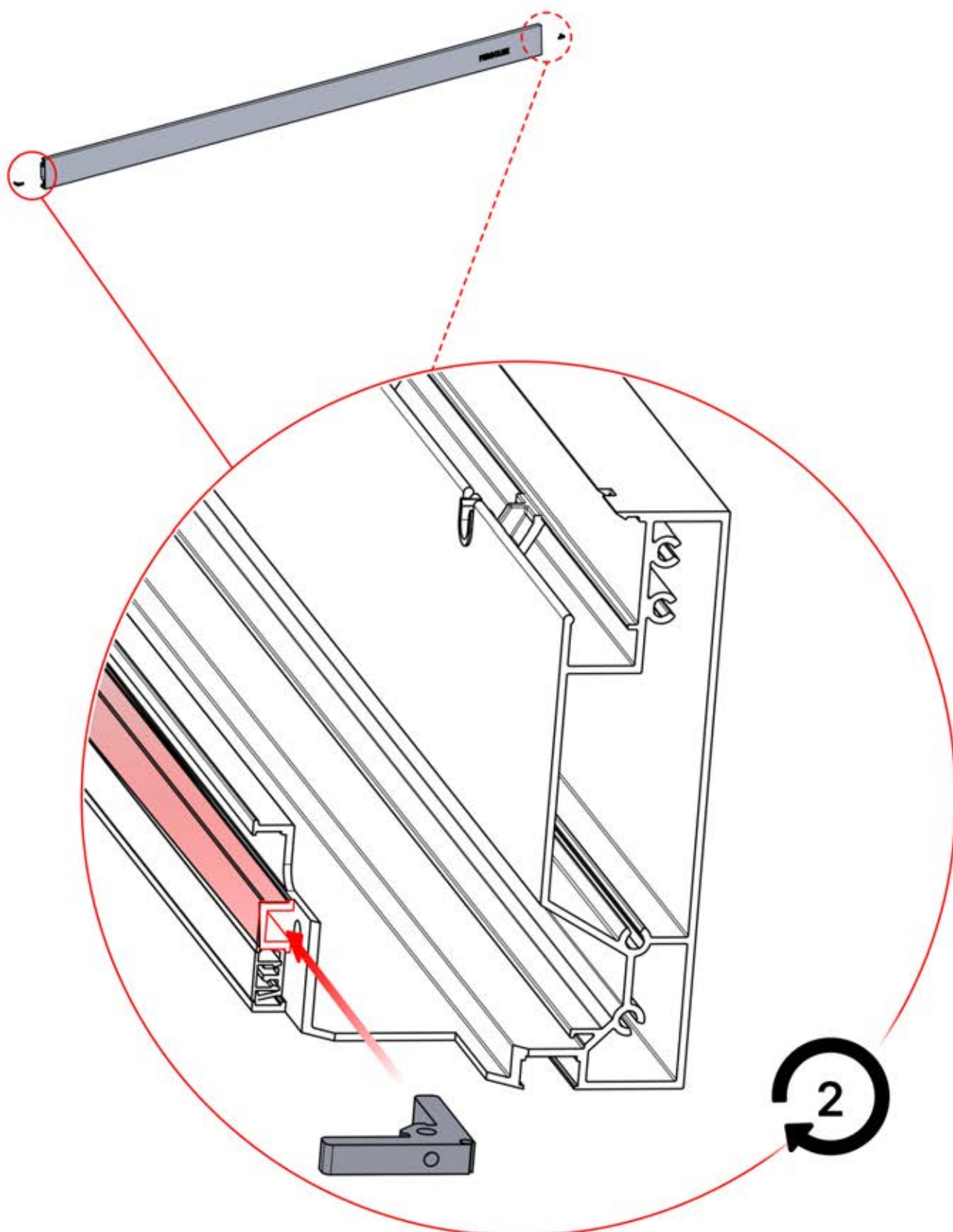
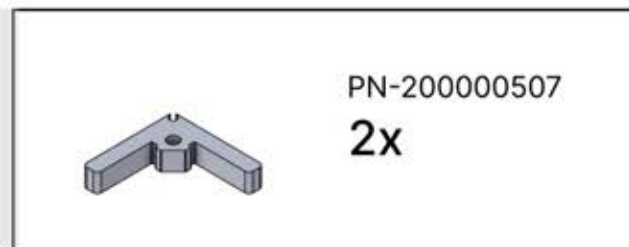
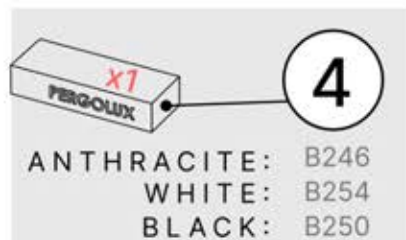
11



12



13



14



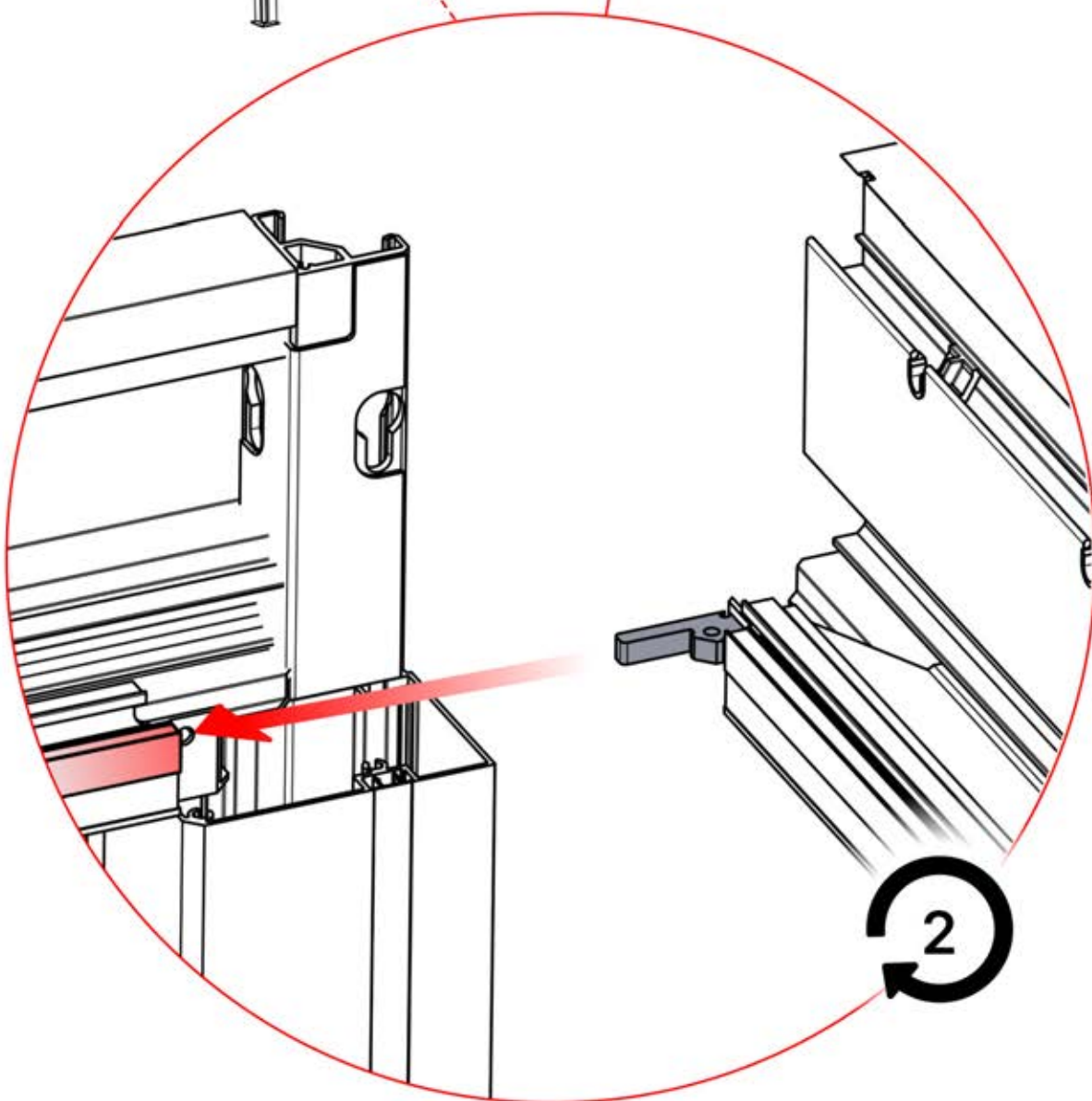
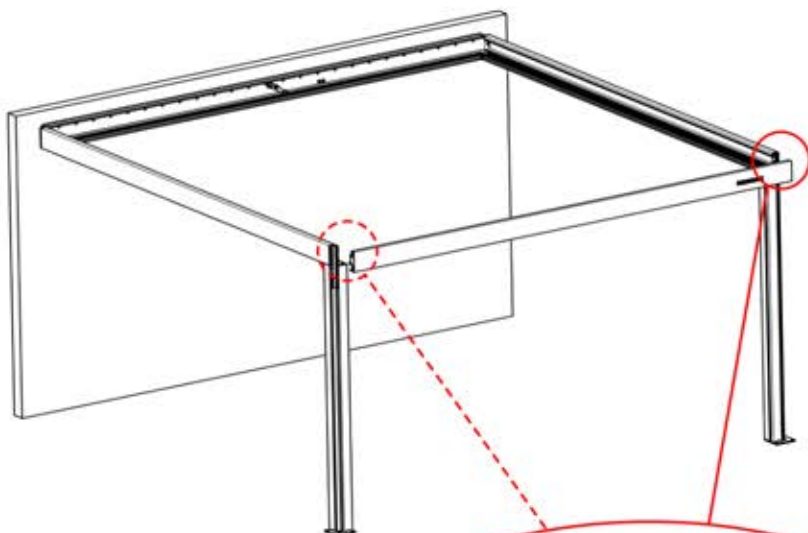
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

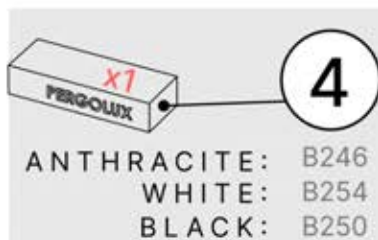


PN-200000507

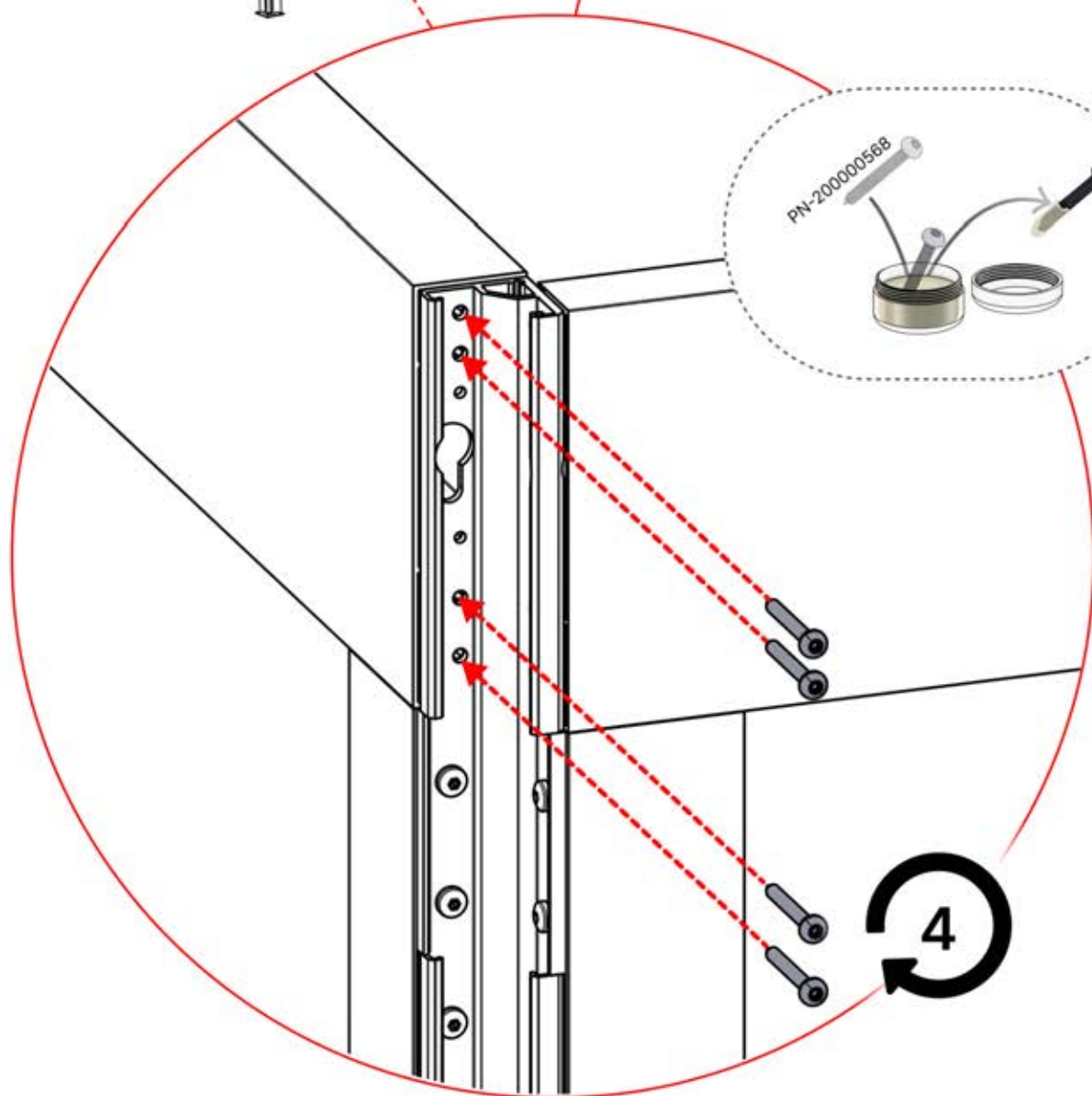
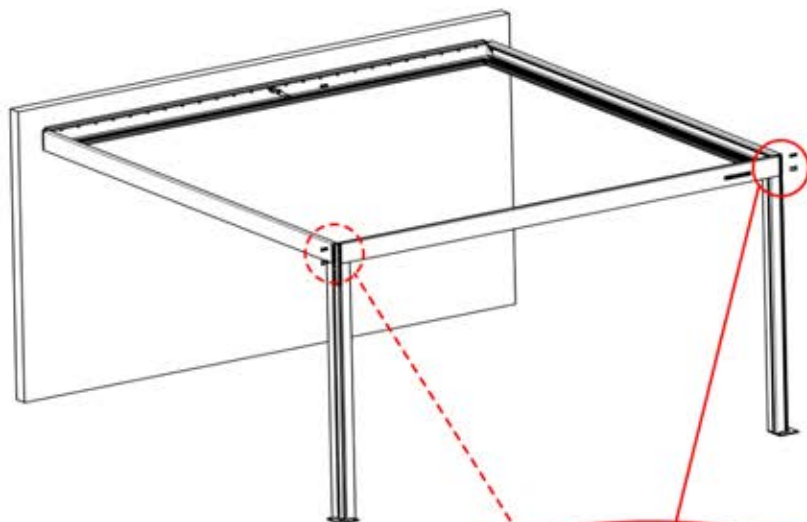
2x



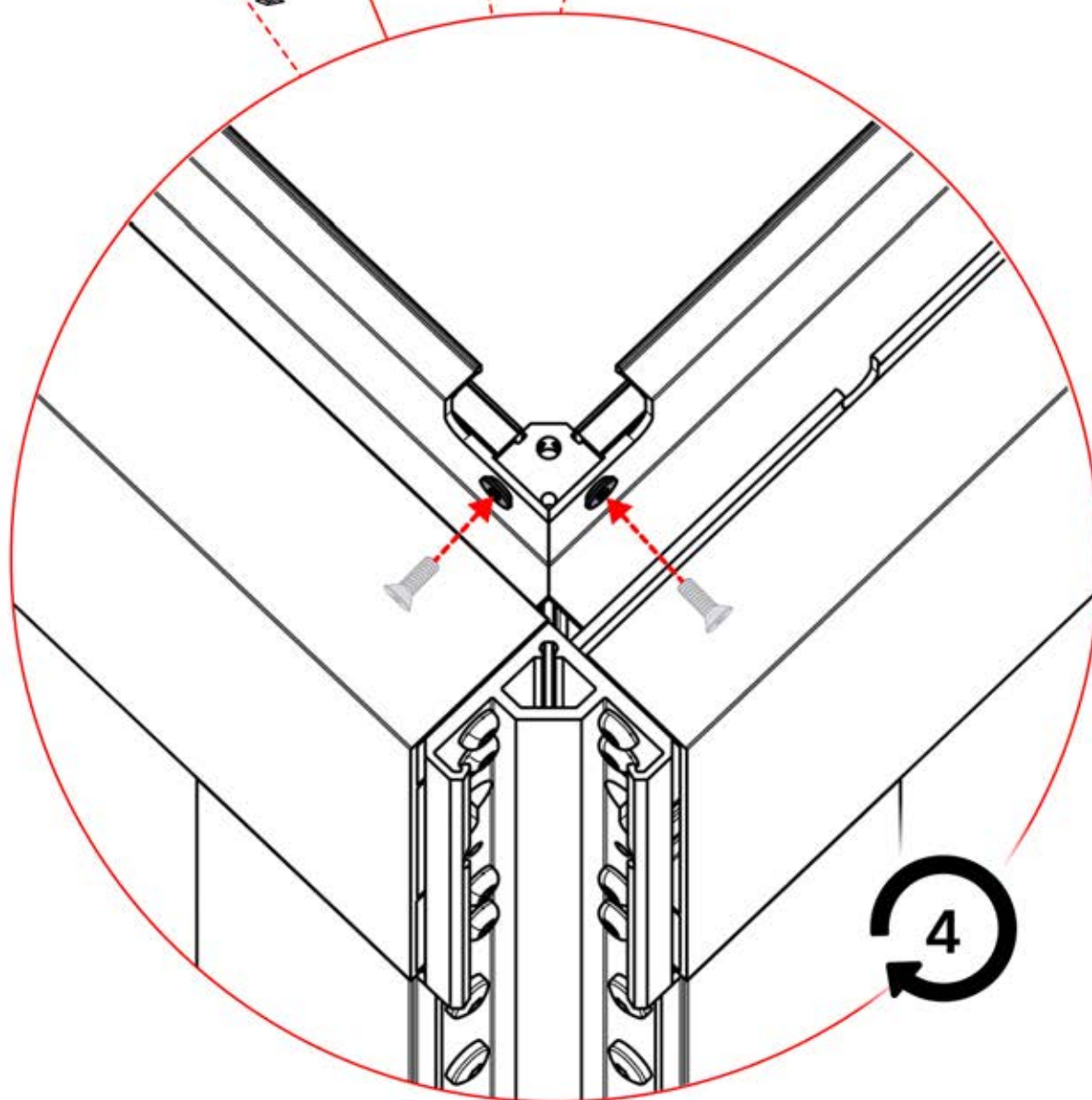
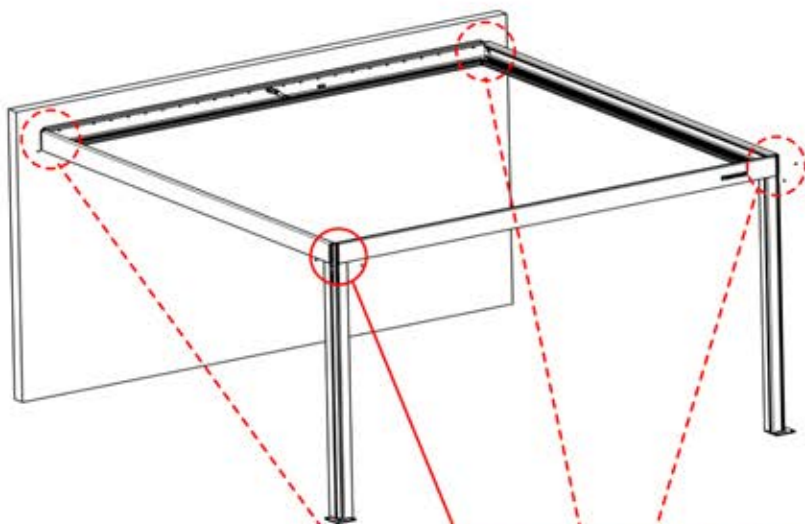
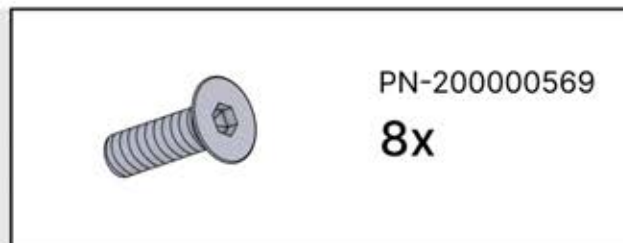
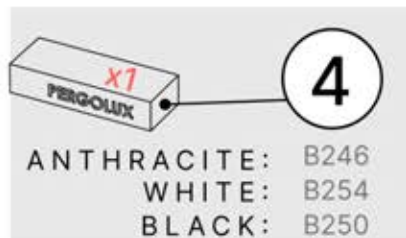
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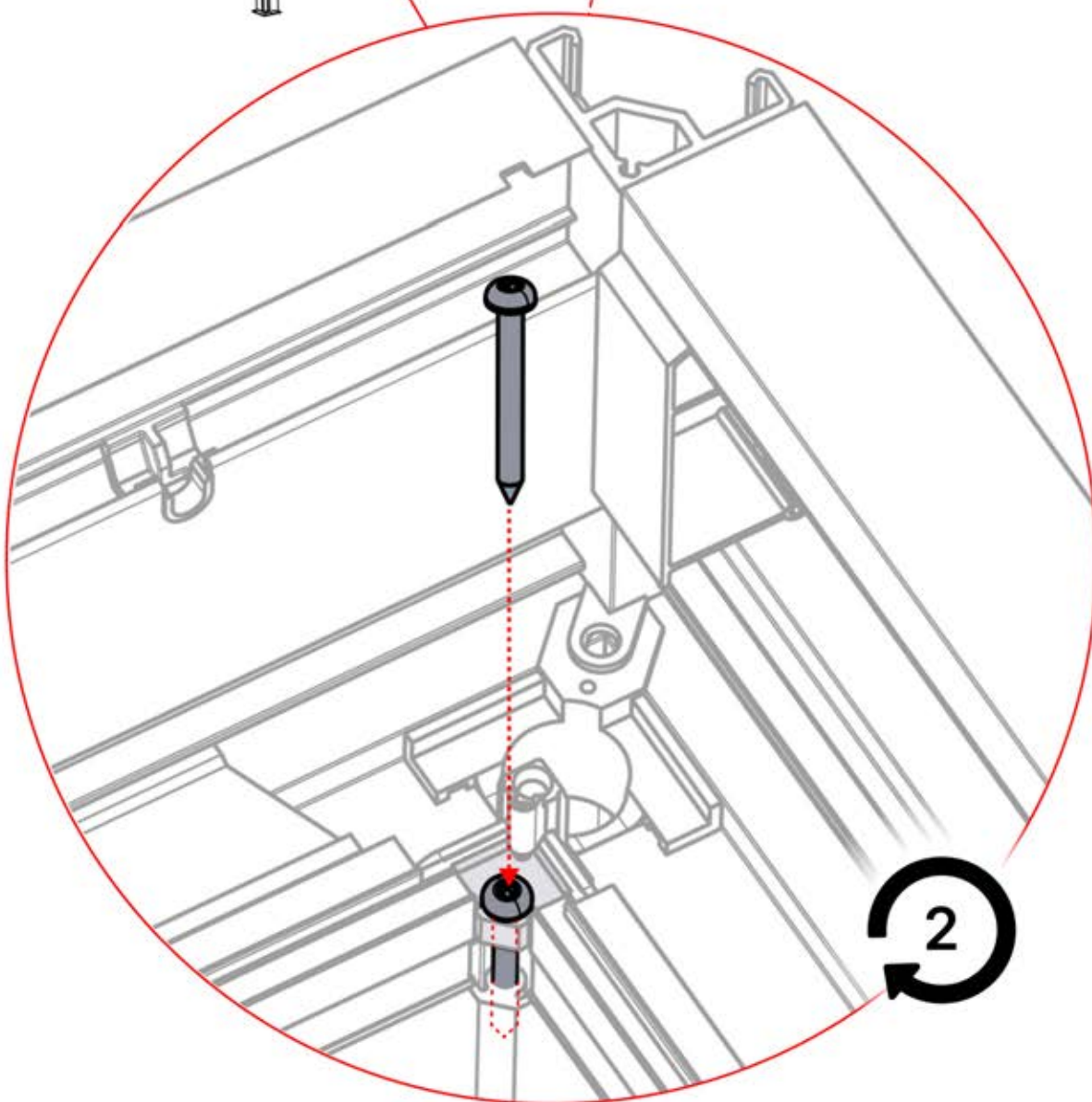
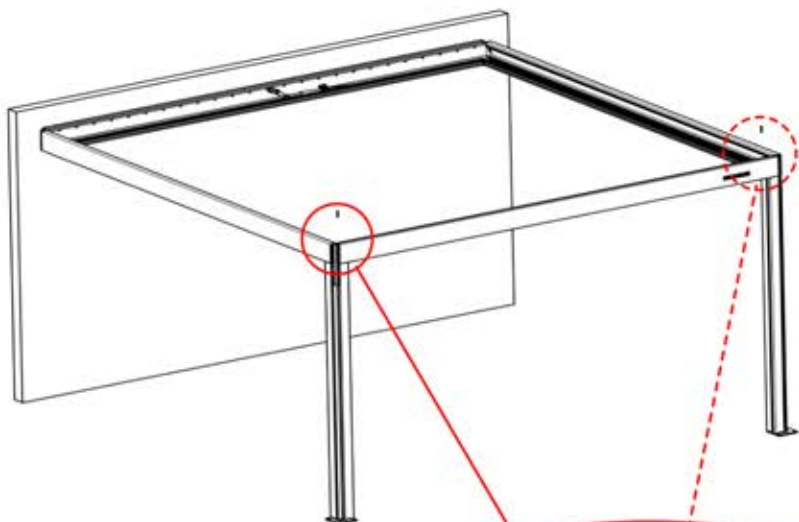
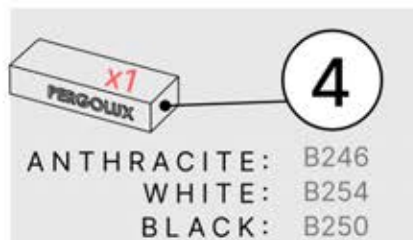
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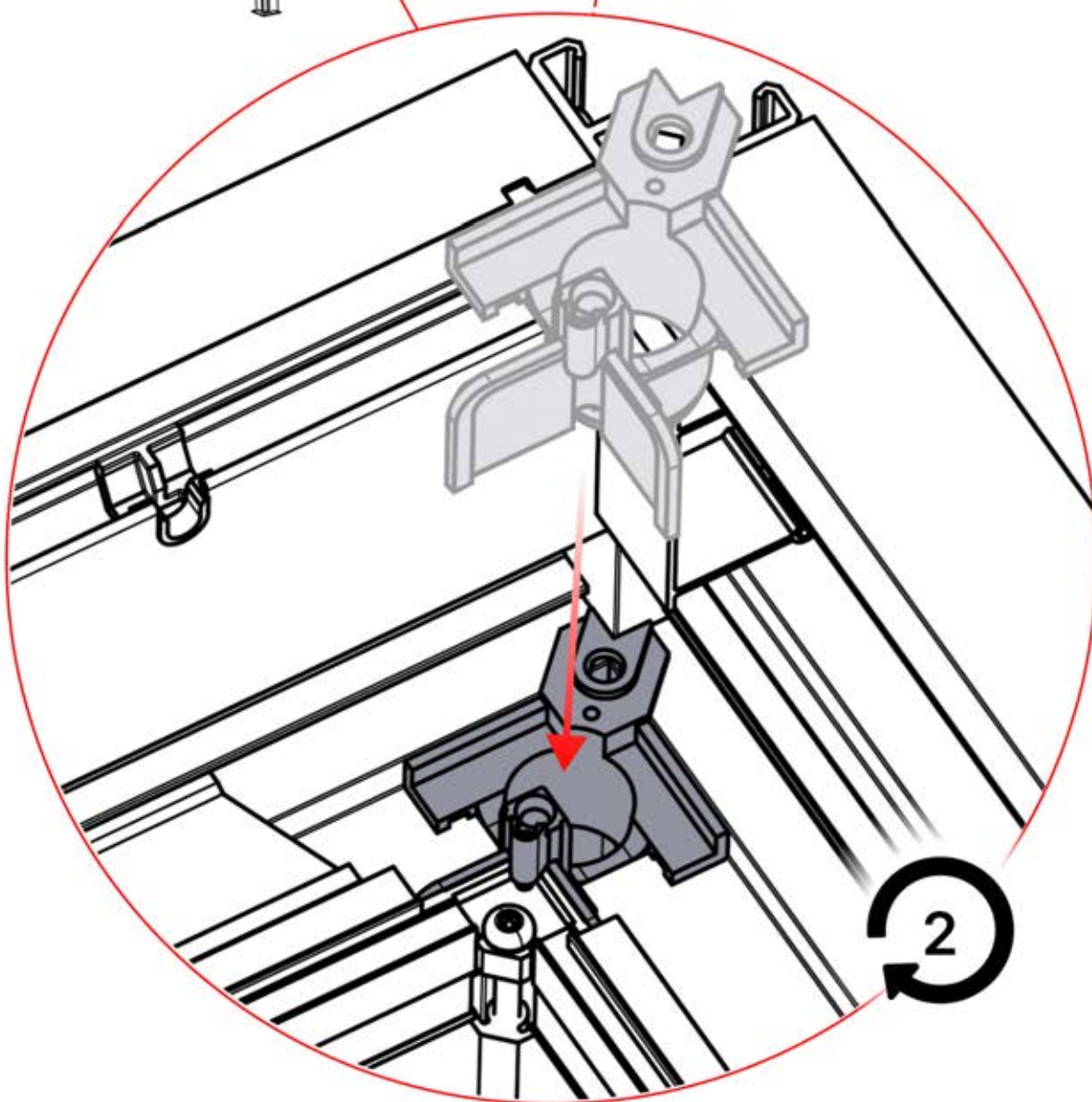
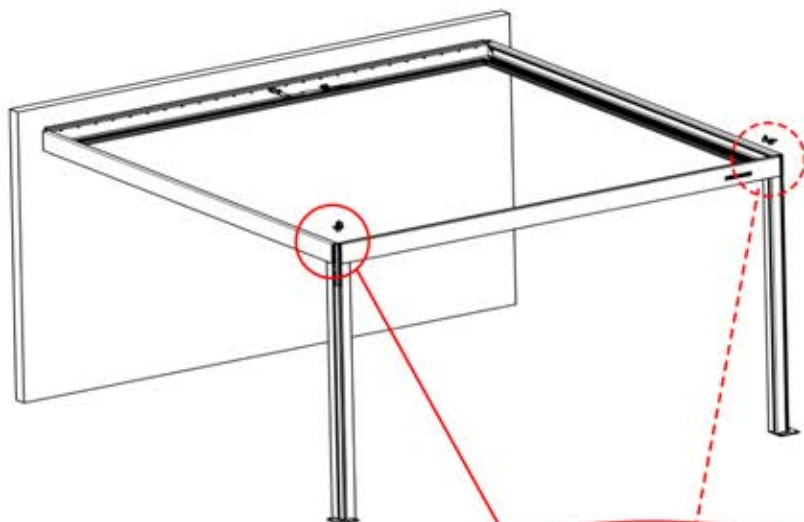
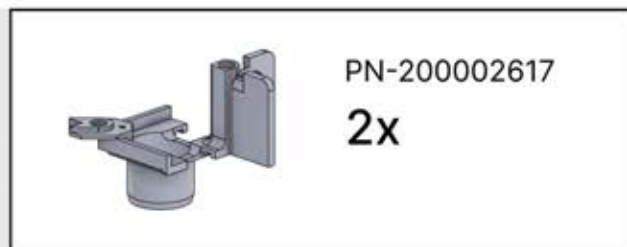
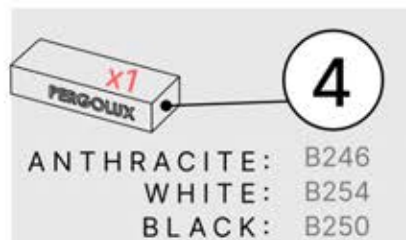
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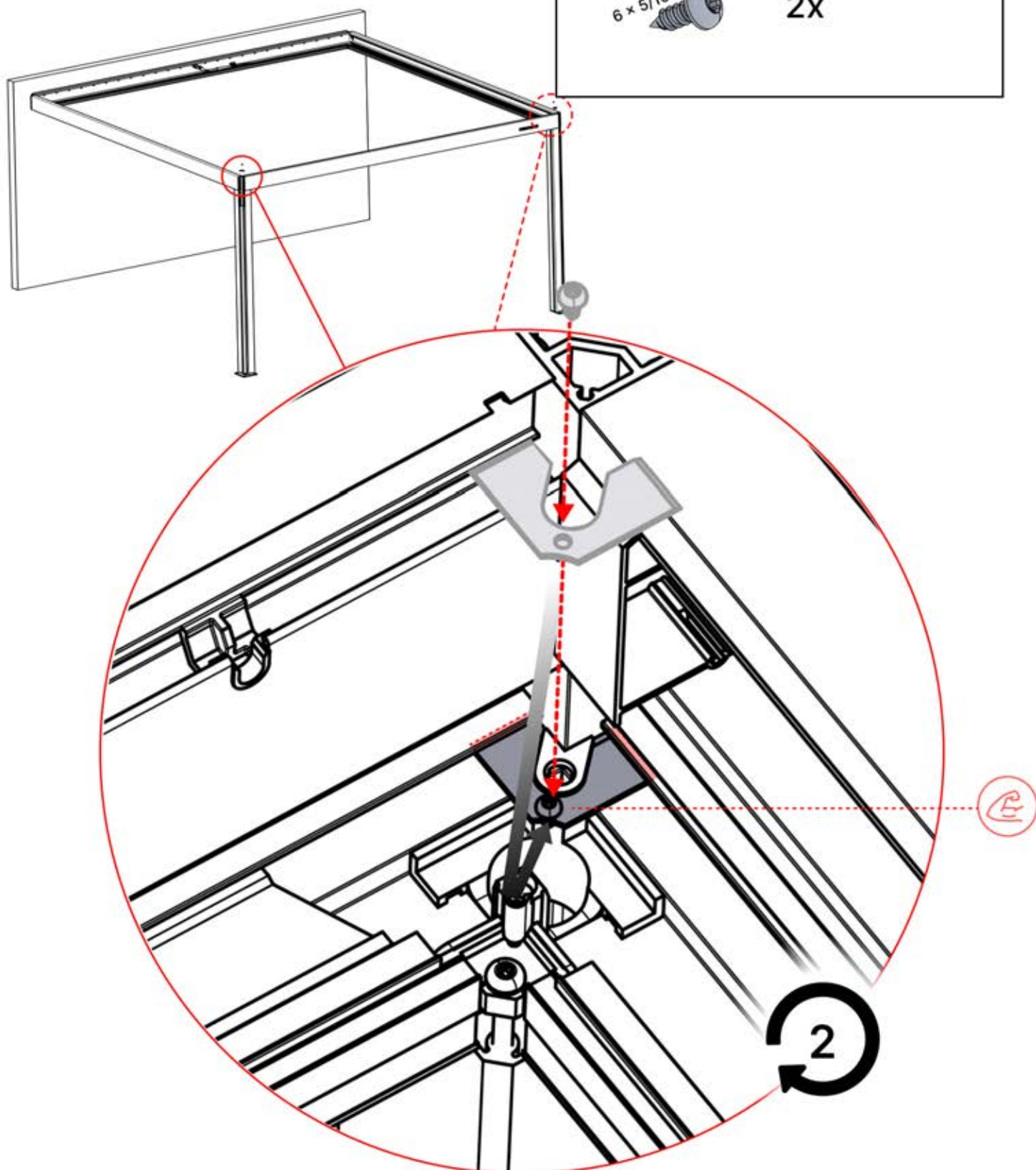
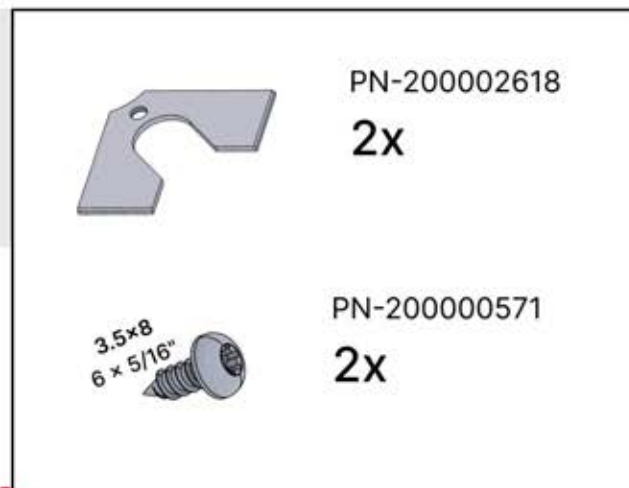
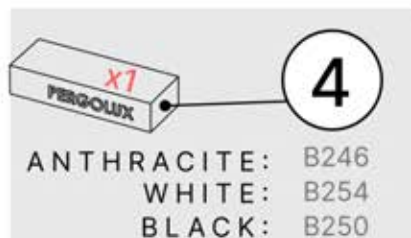
17



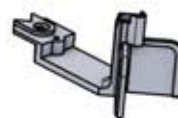
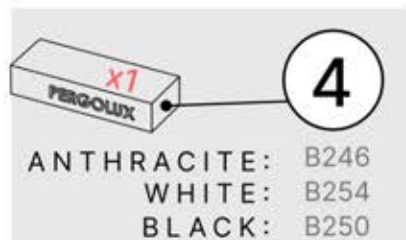
18



19

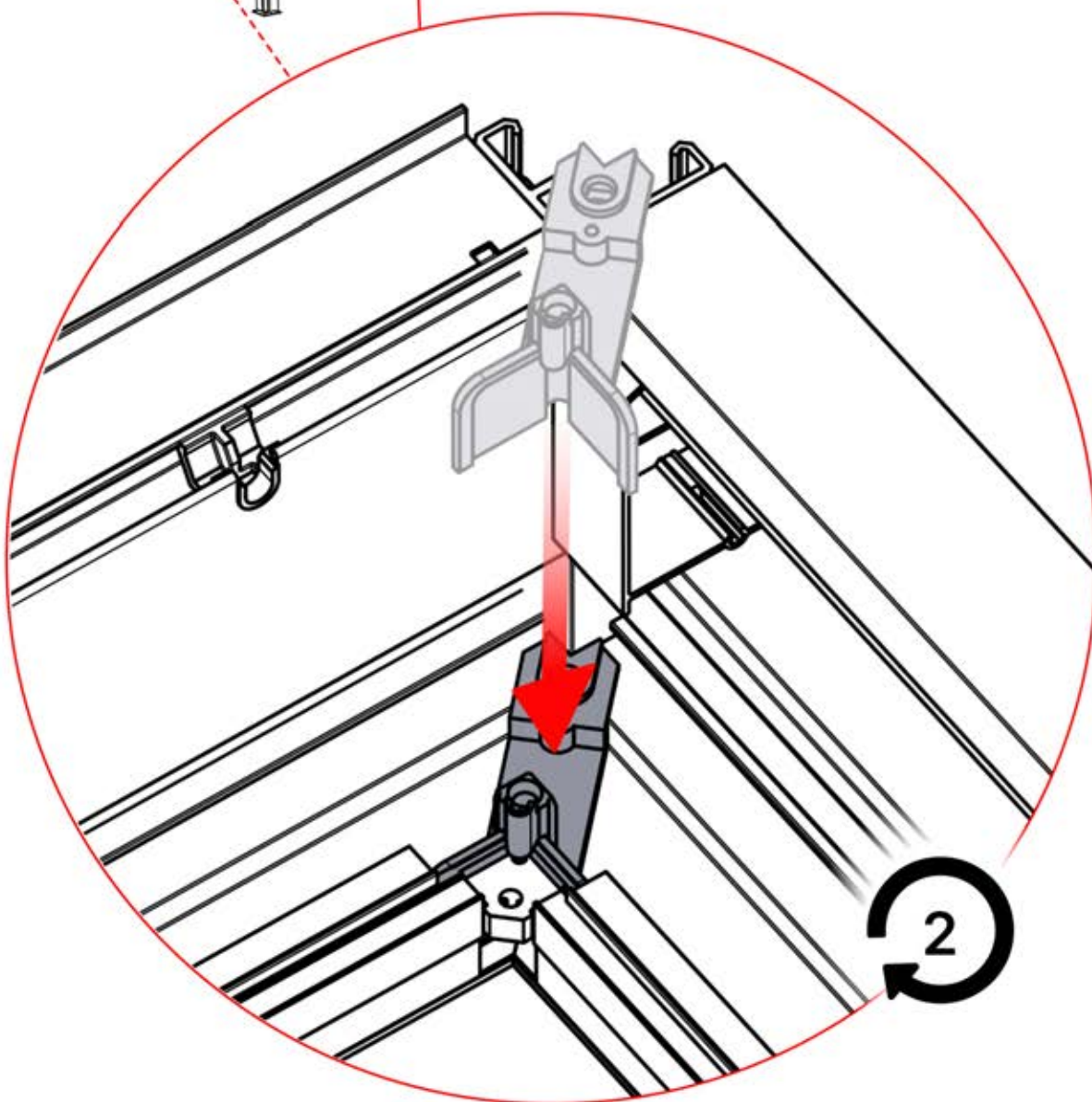
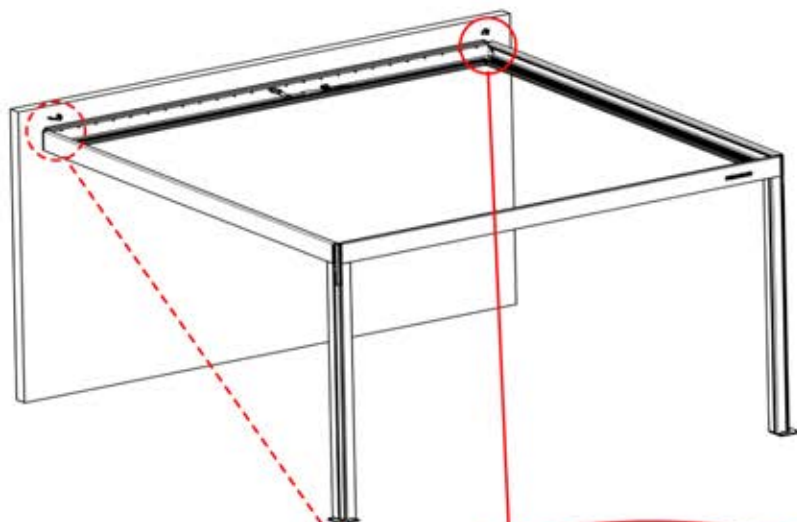


20



PN-200002792

2x



21



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



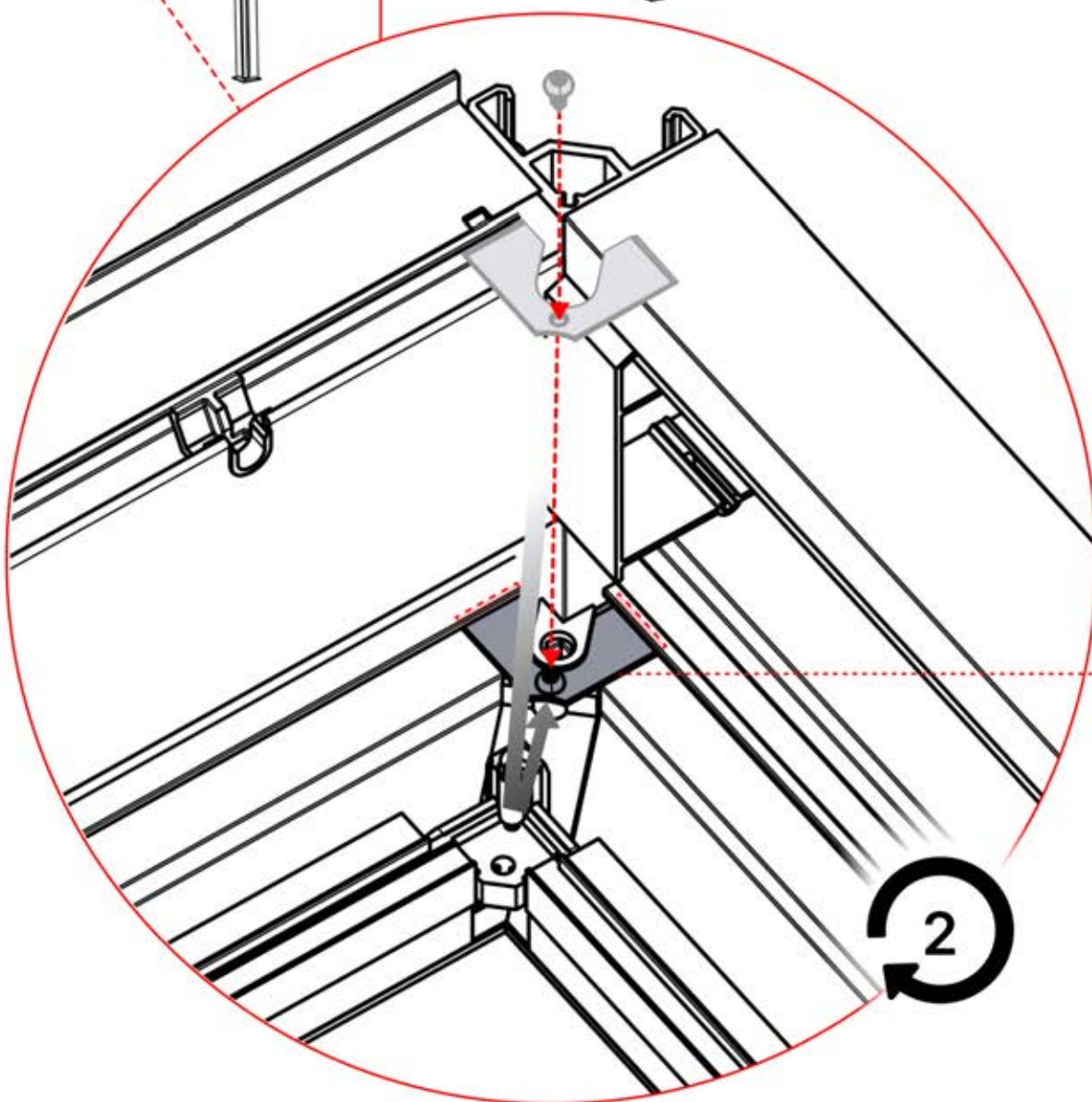
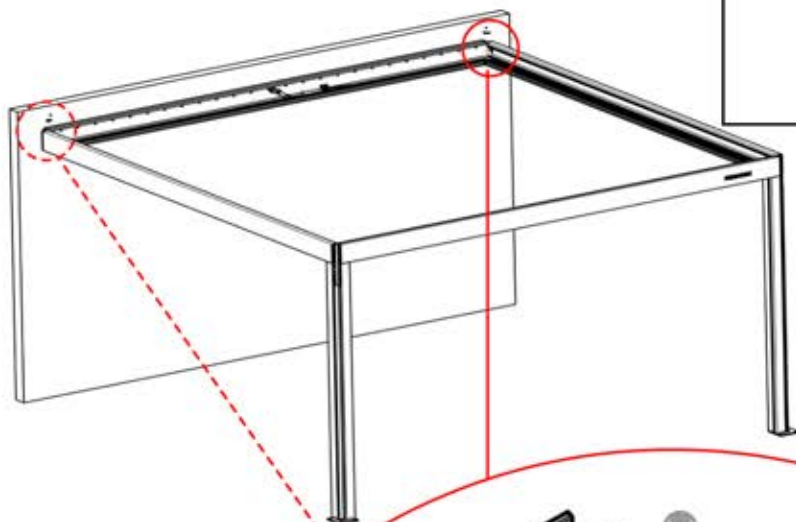
PN-200002618

2x



PN-200000571

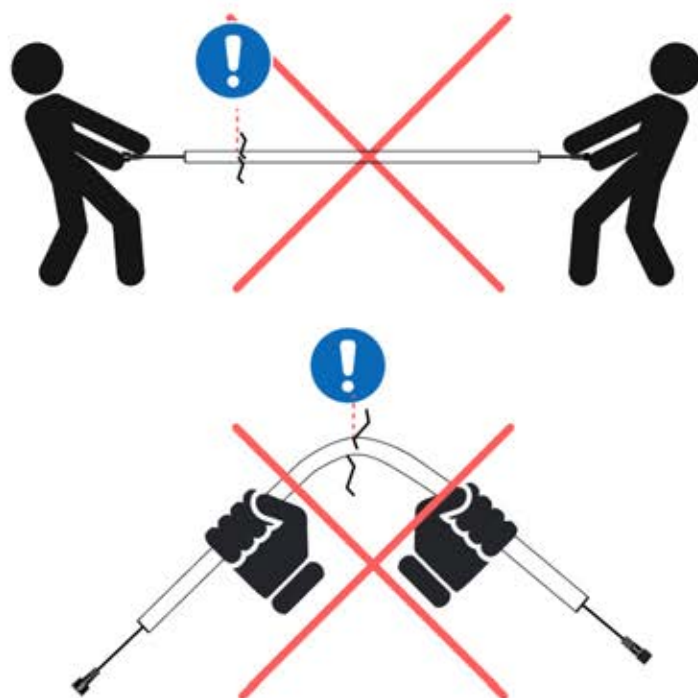
2x



IMPORTANT INFORMATION

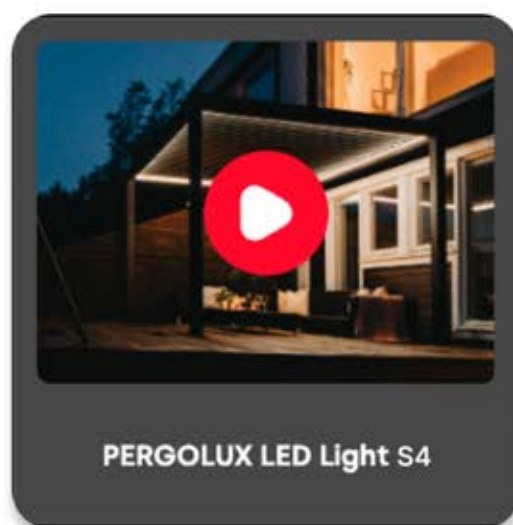
Handle with care.

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

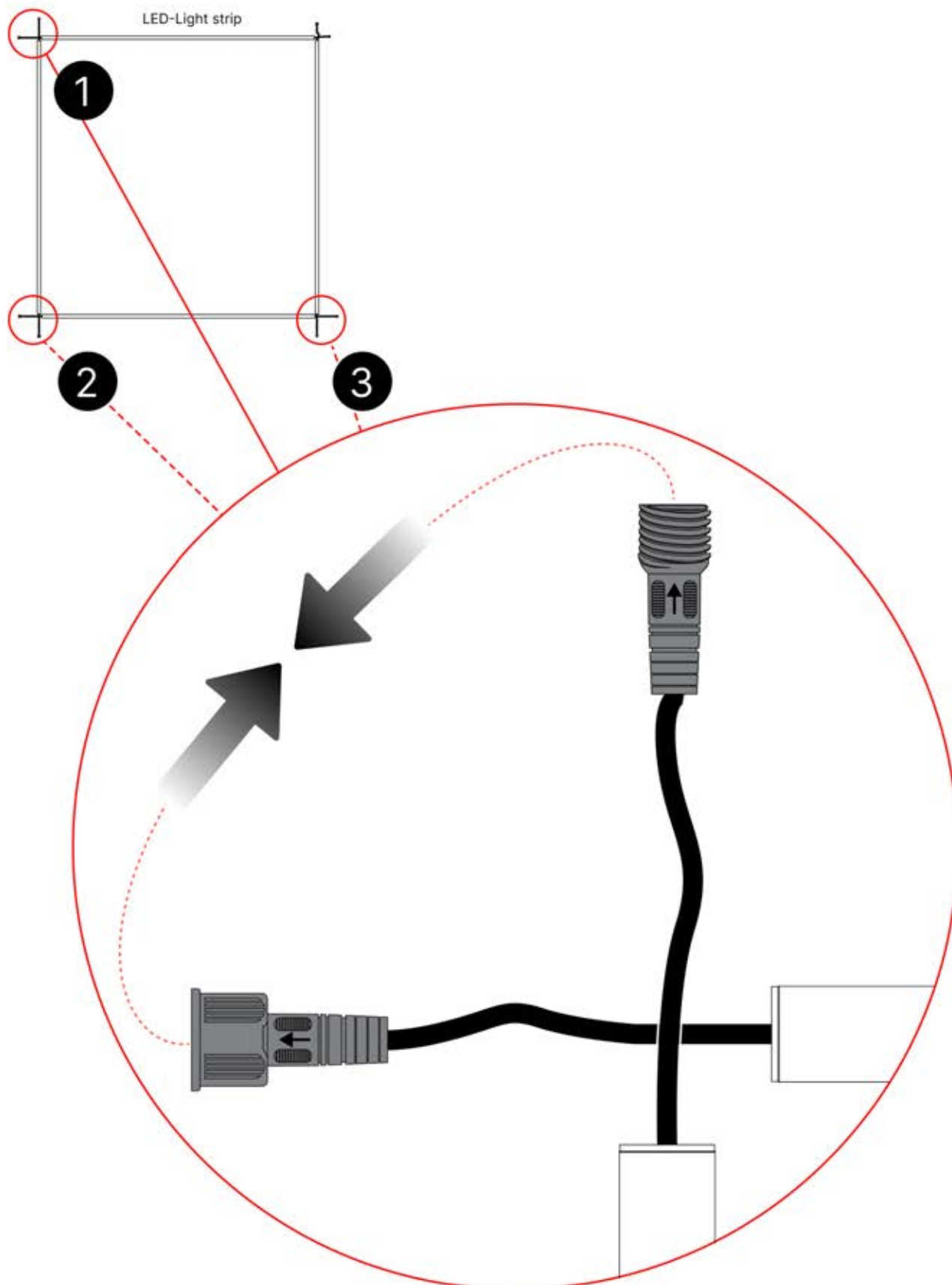


Important! Please watch all the videos before starting the assembly.

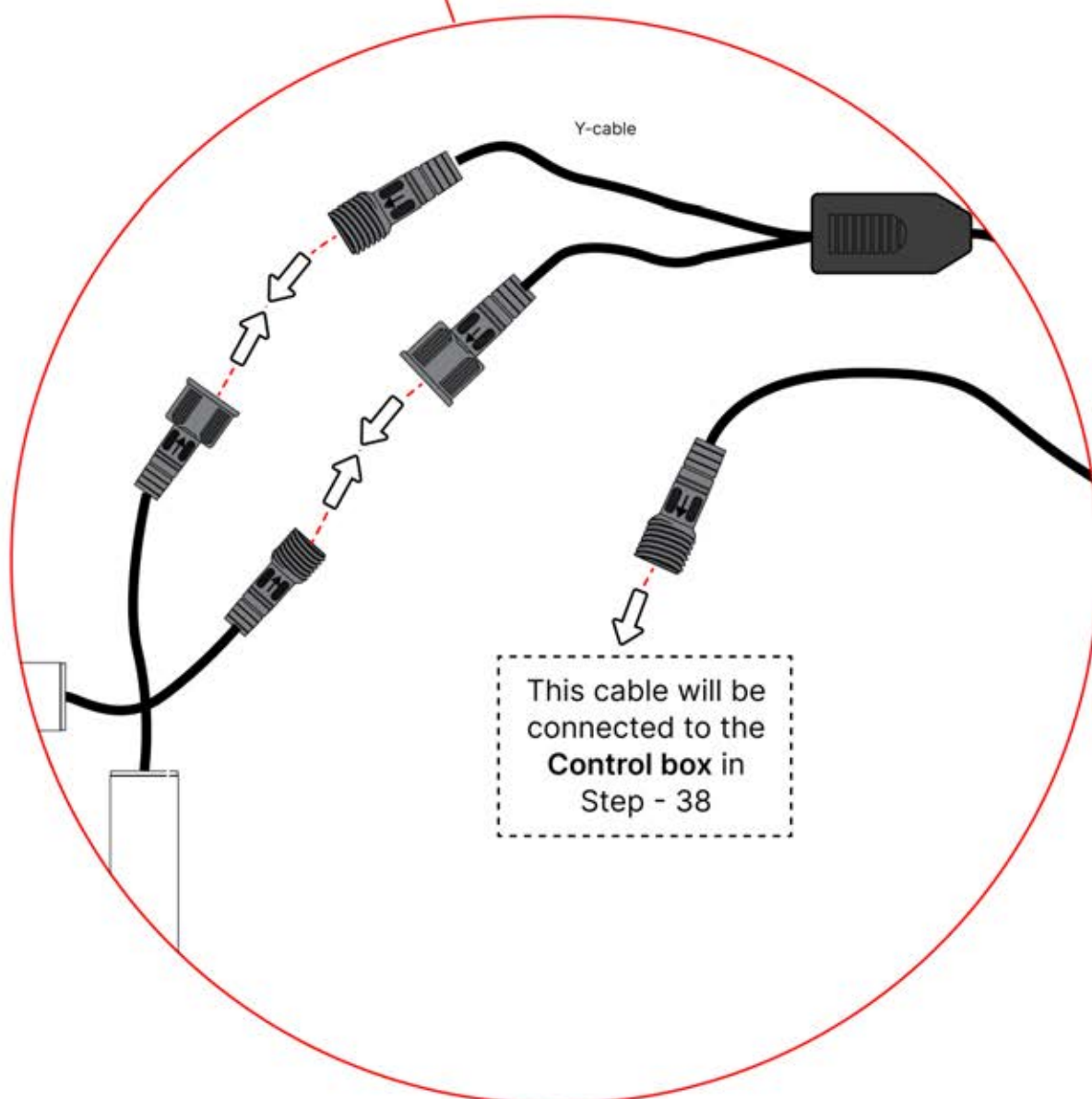
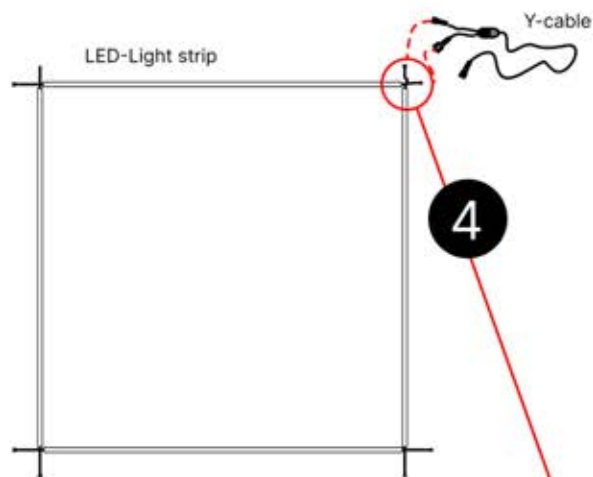
The videos contain important information relevant to the assembly process.



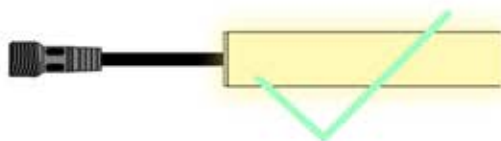
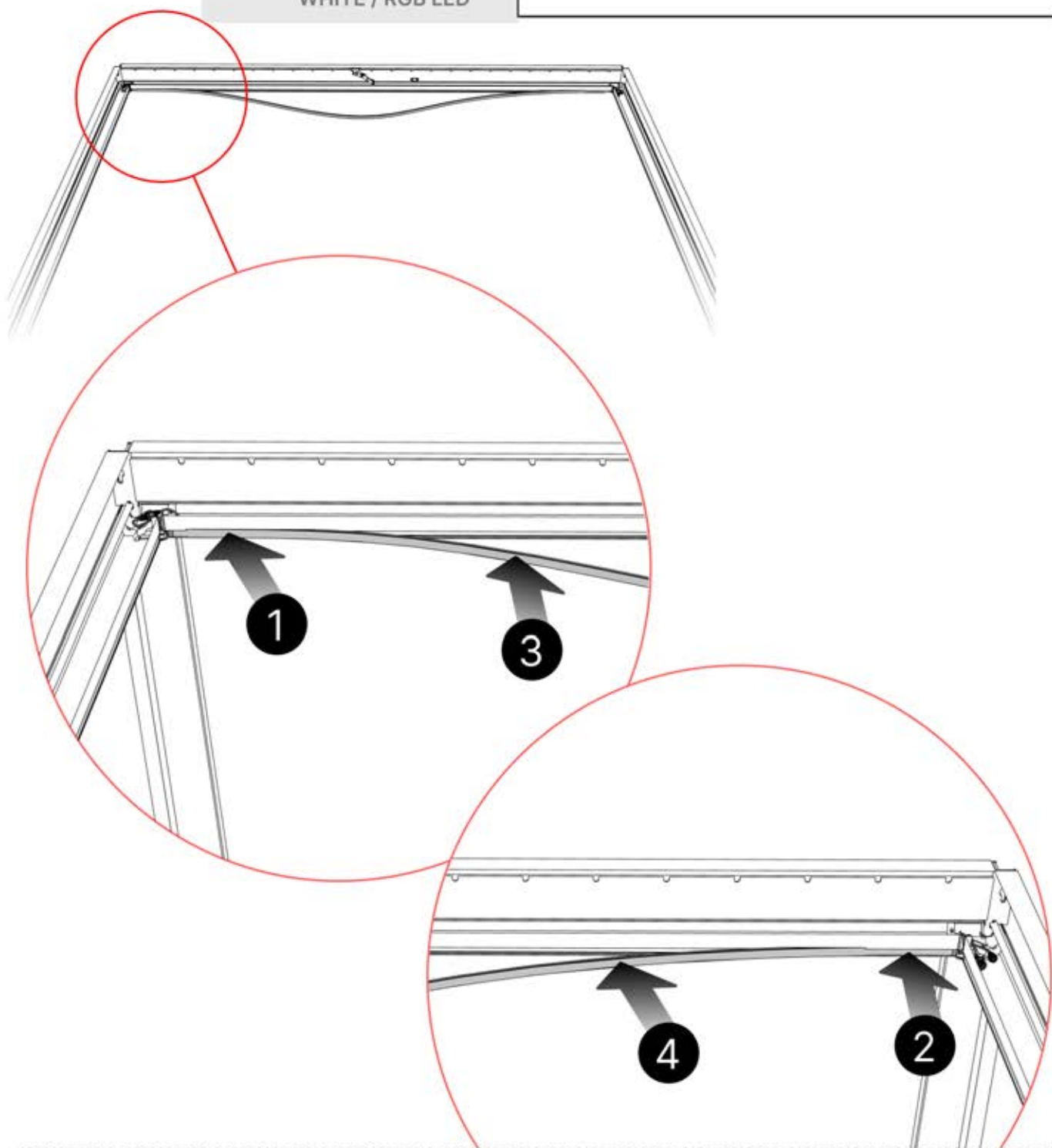
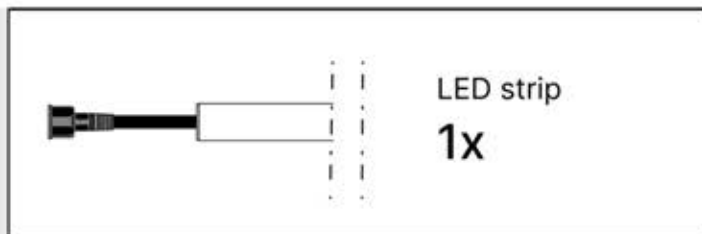
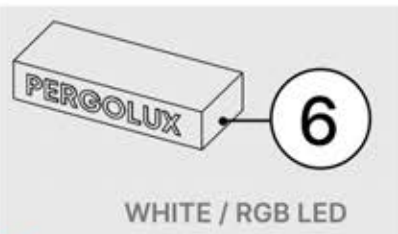
INFORMATION



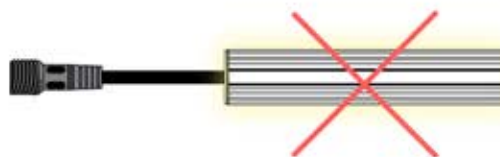
INFORMATION



22



This side is the front and
should face outward

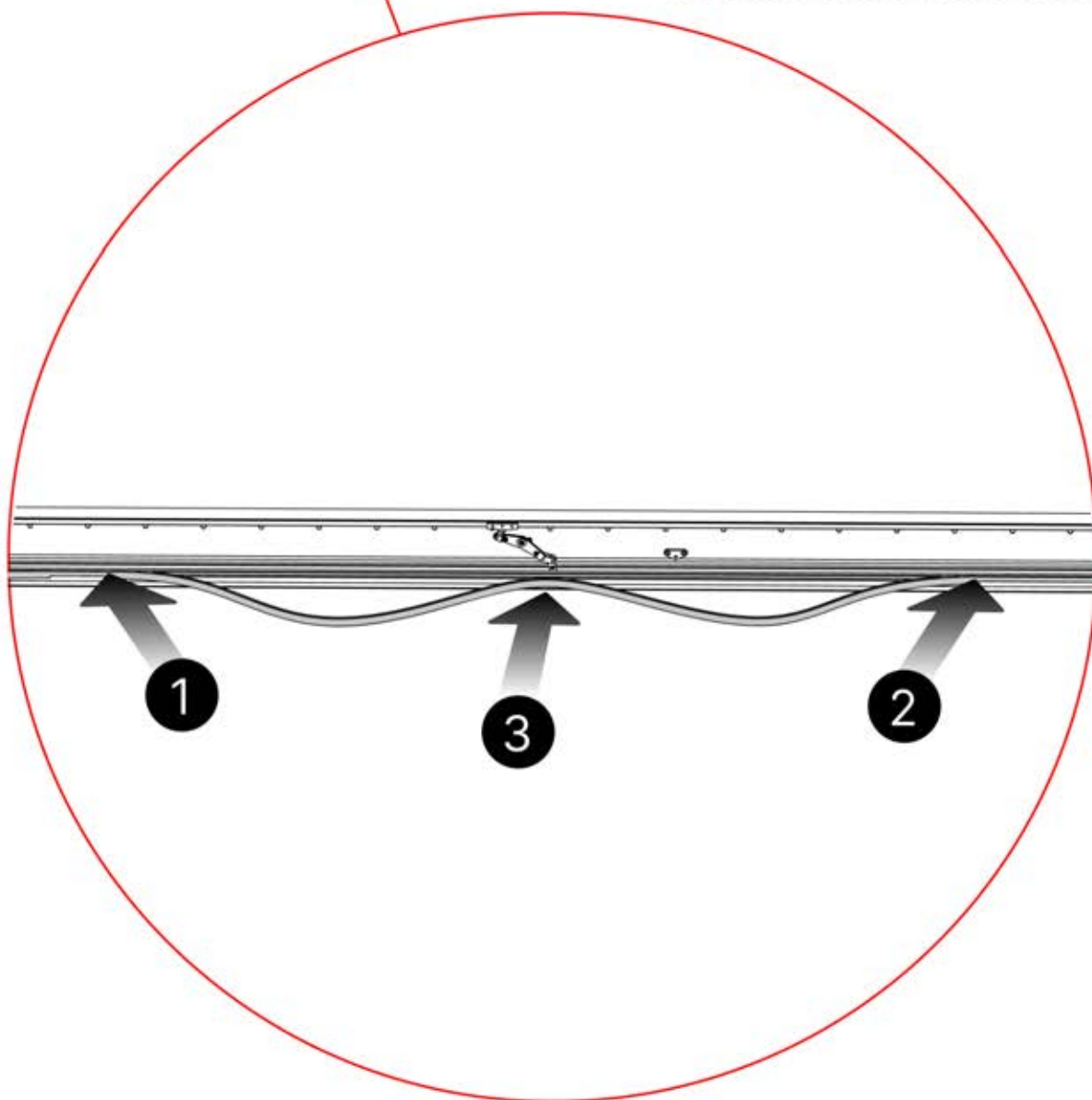
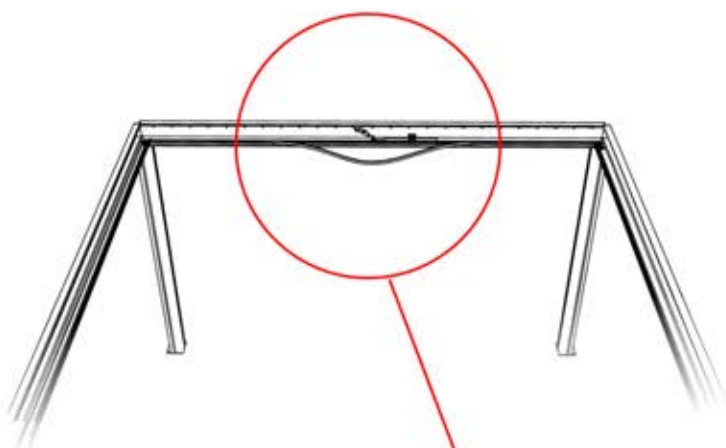


This side is the back and should
be positioned to face the beam

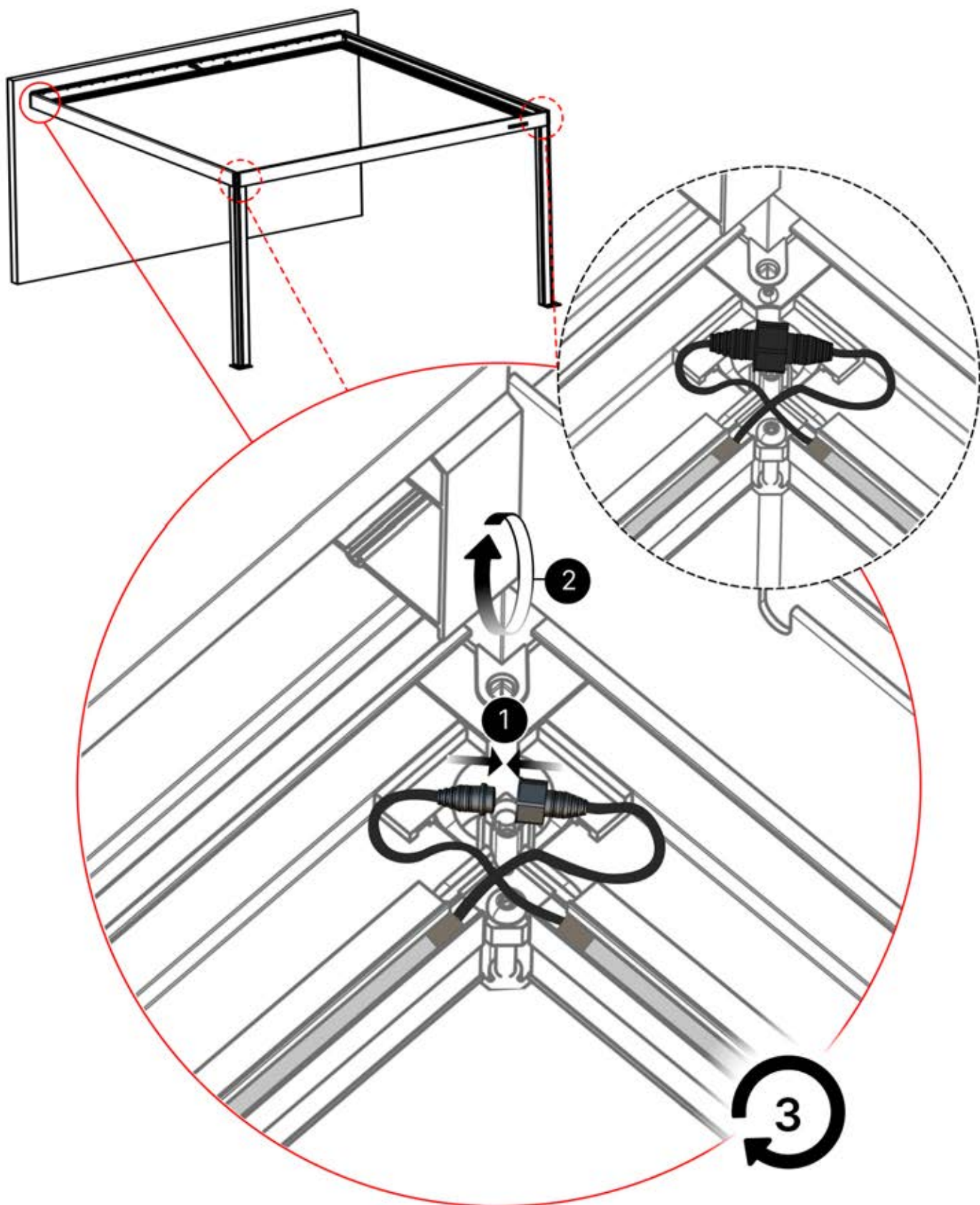
23



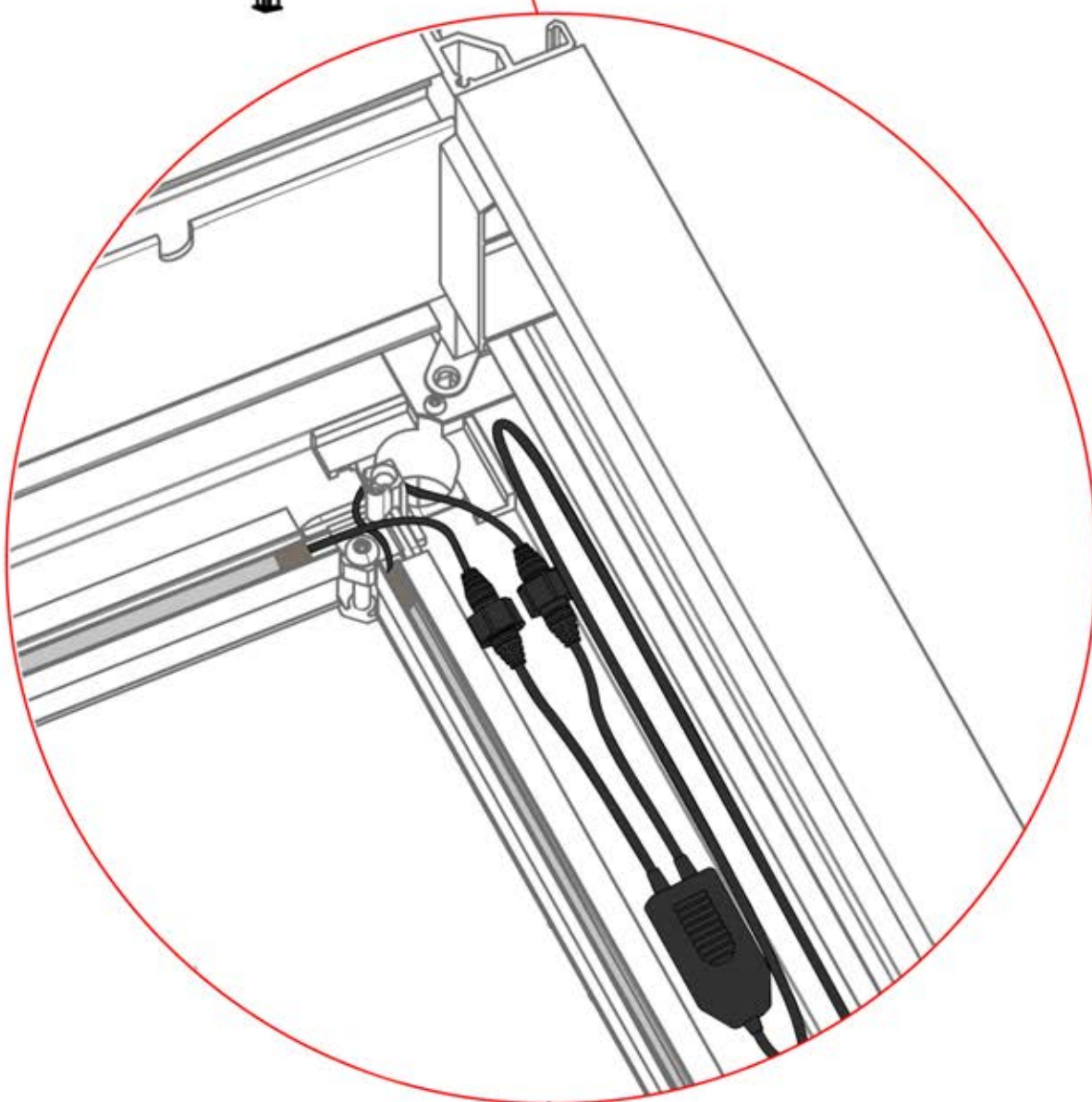
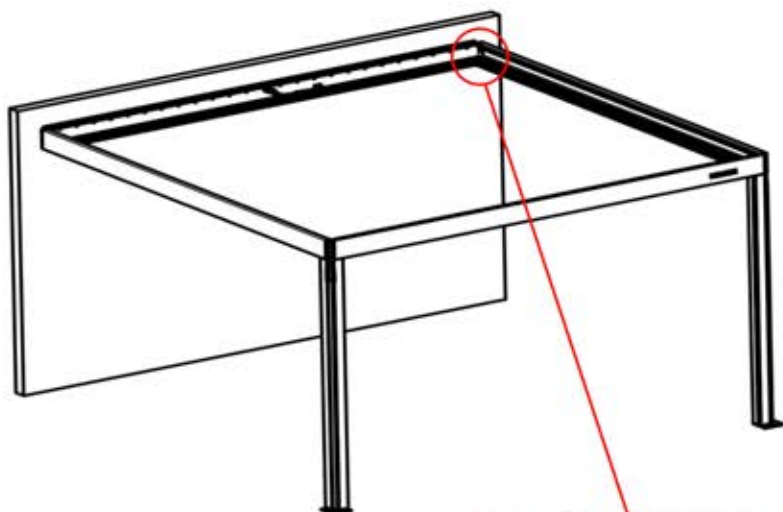
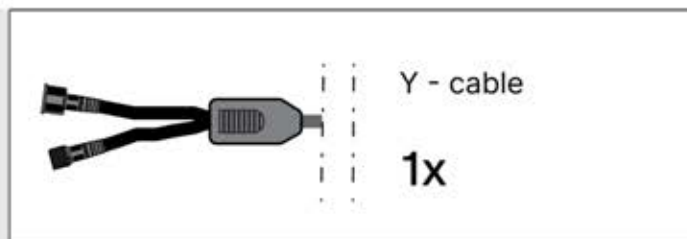
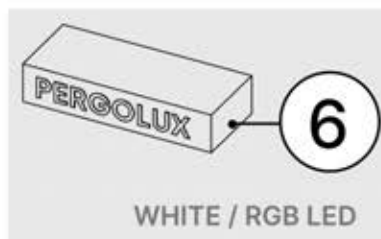
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



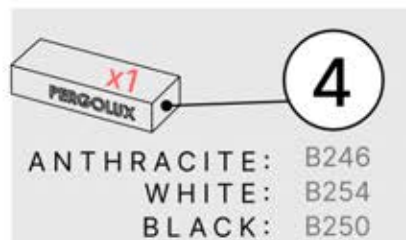
24



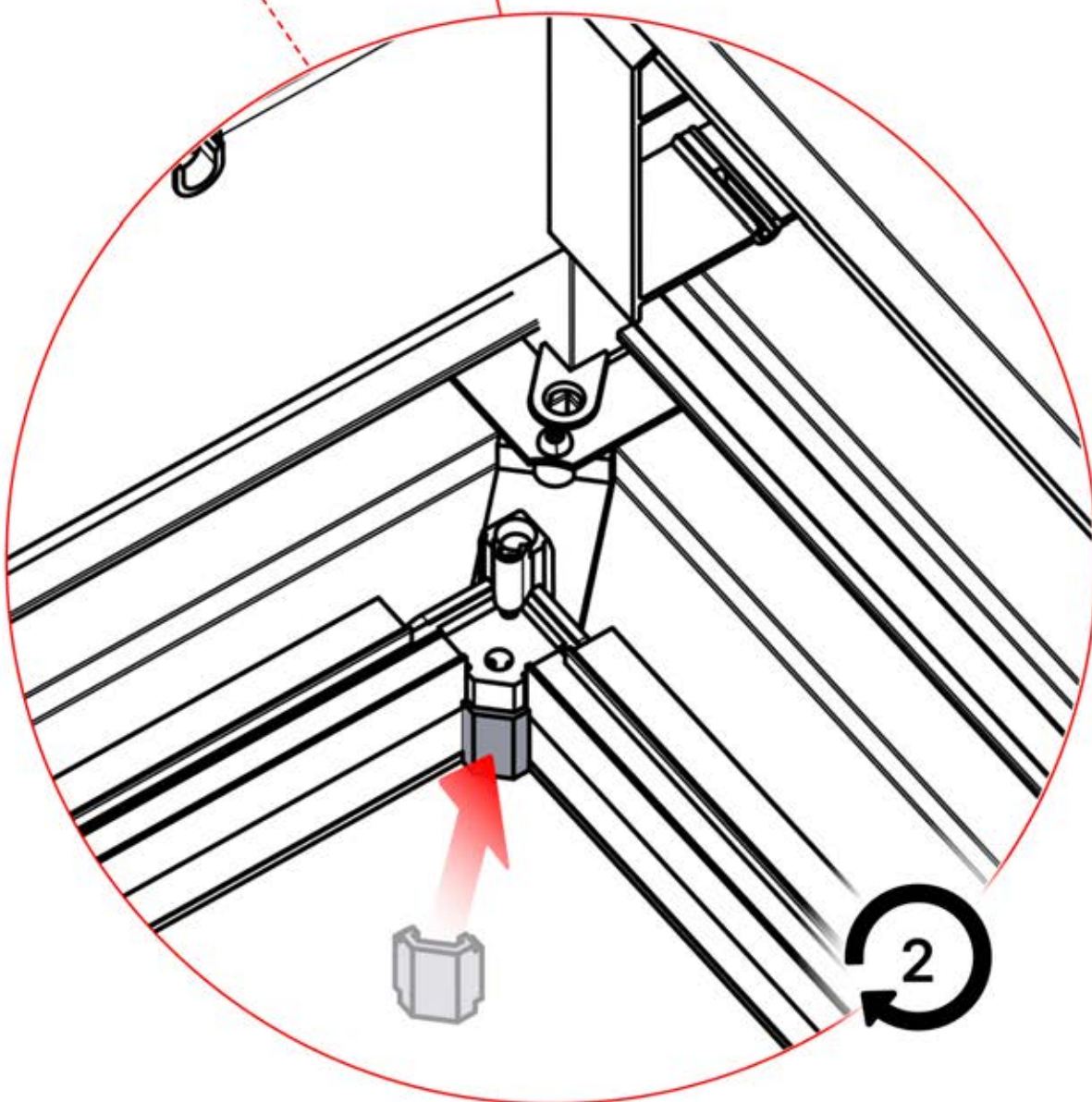
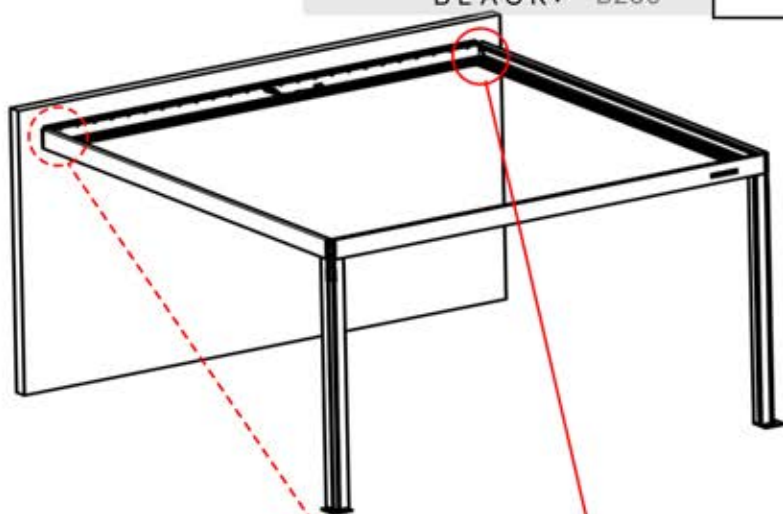
25



26



PN-200000516
2x



27



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



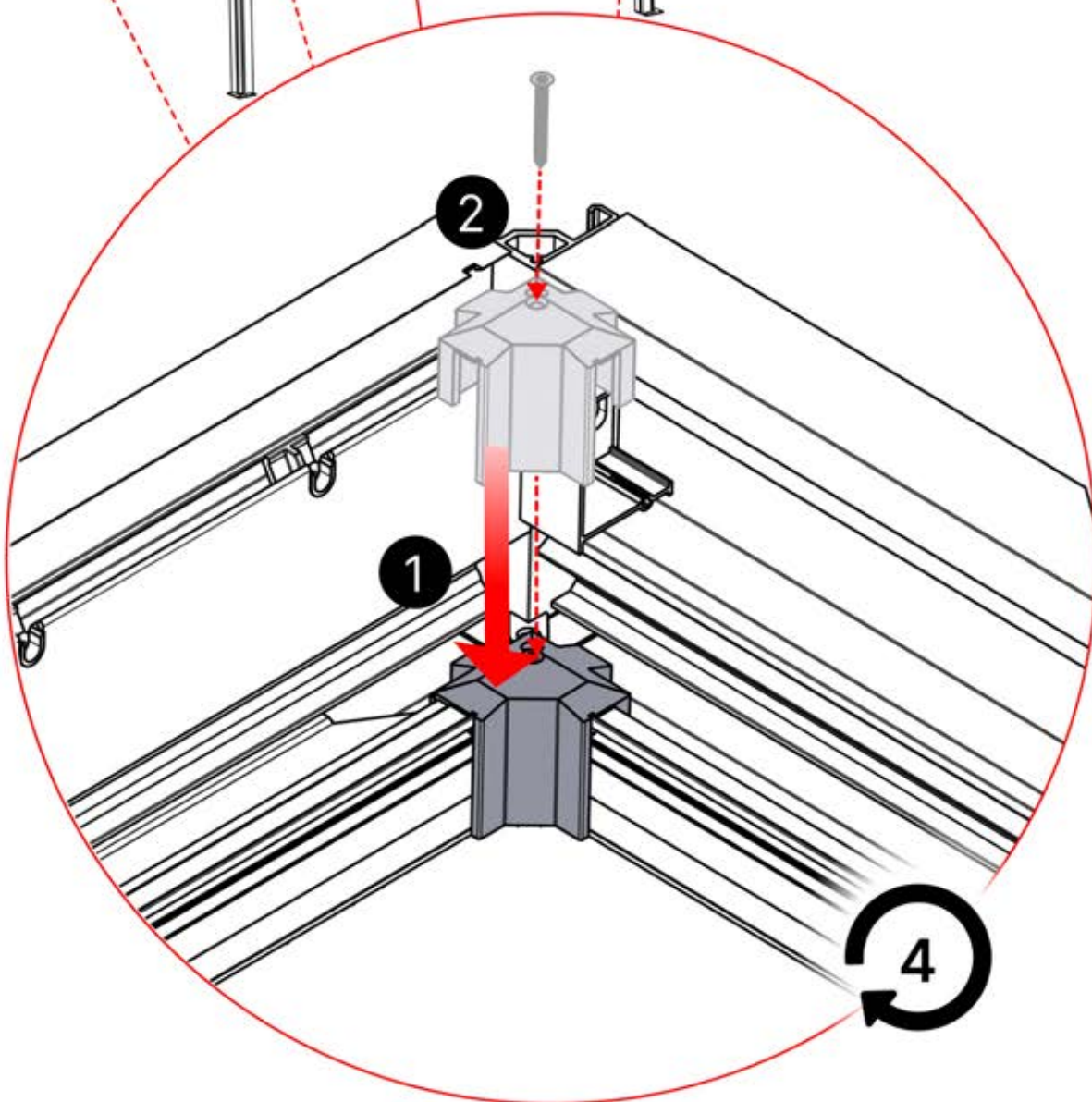
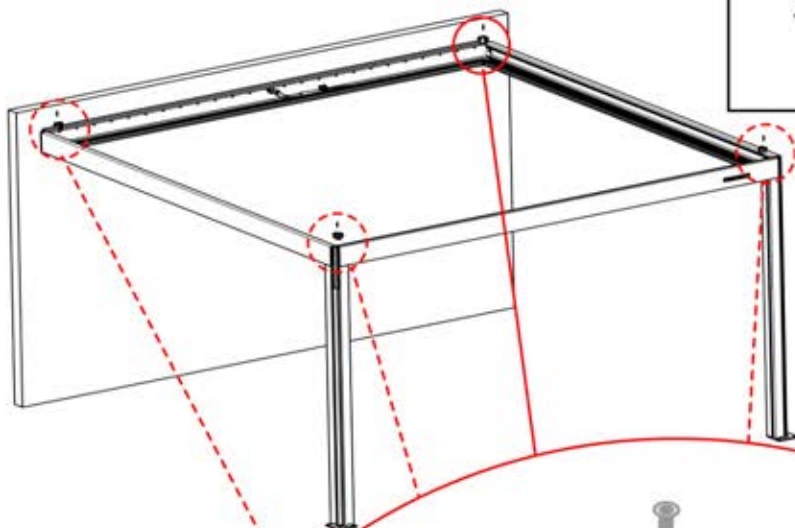
PN-200002625

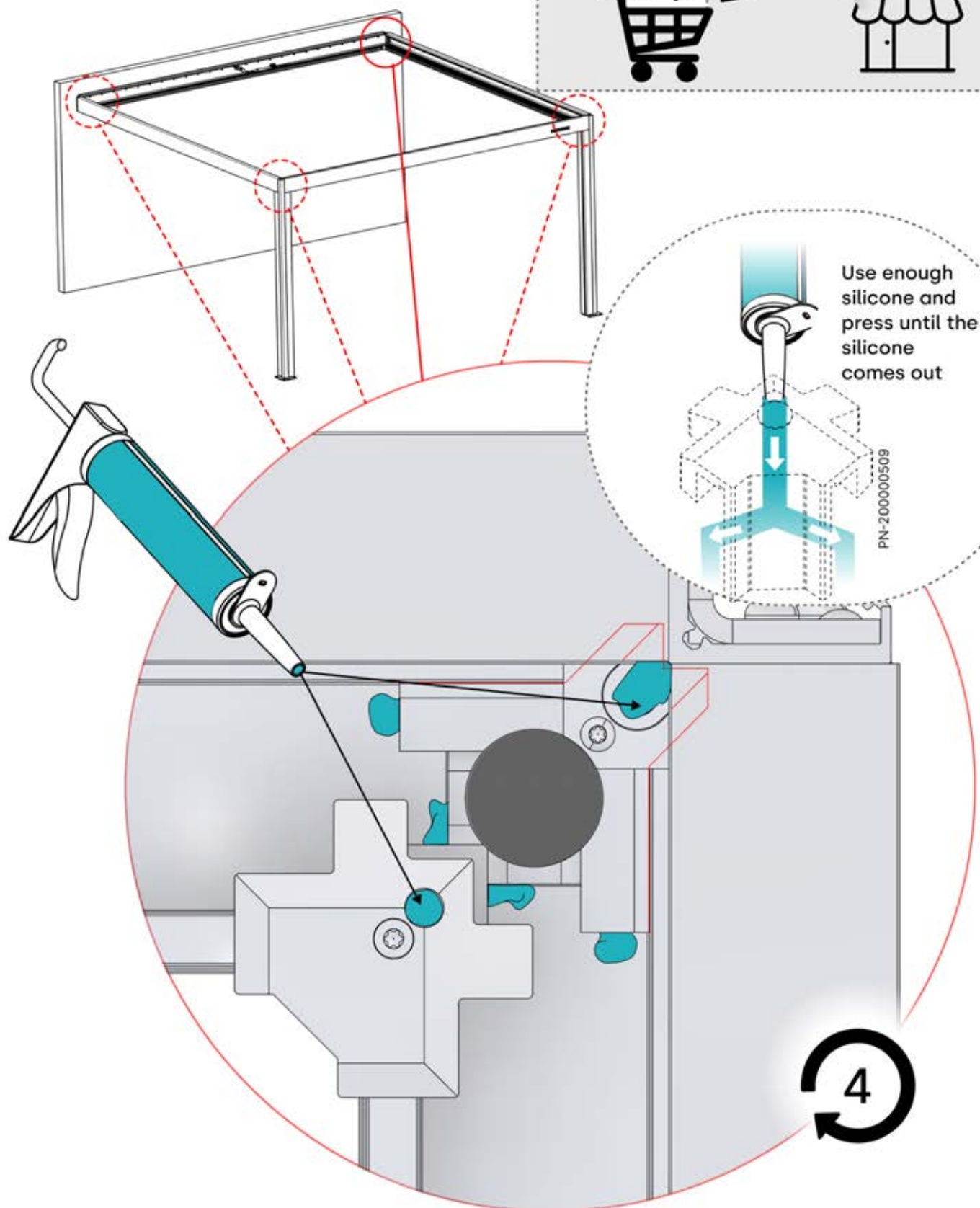
4x

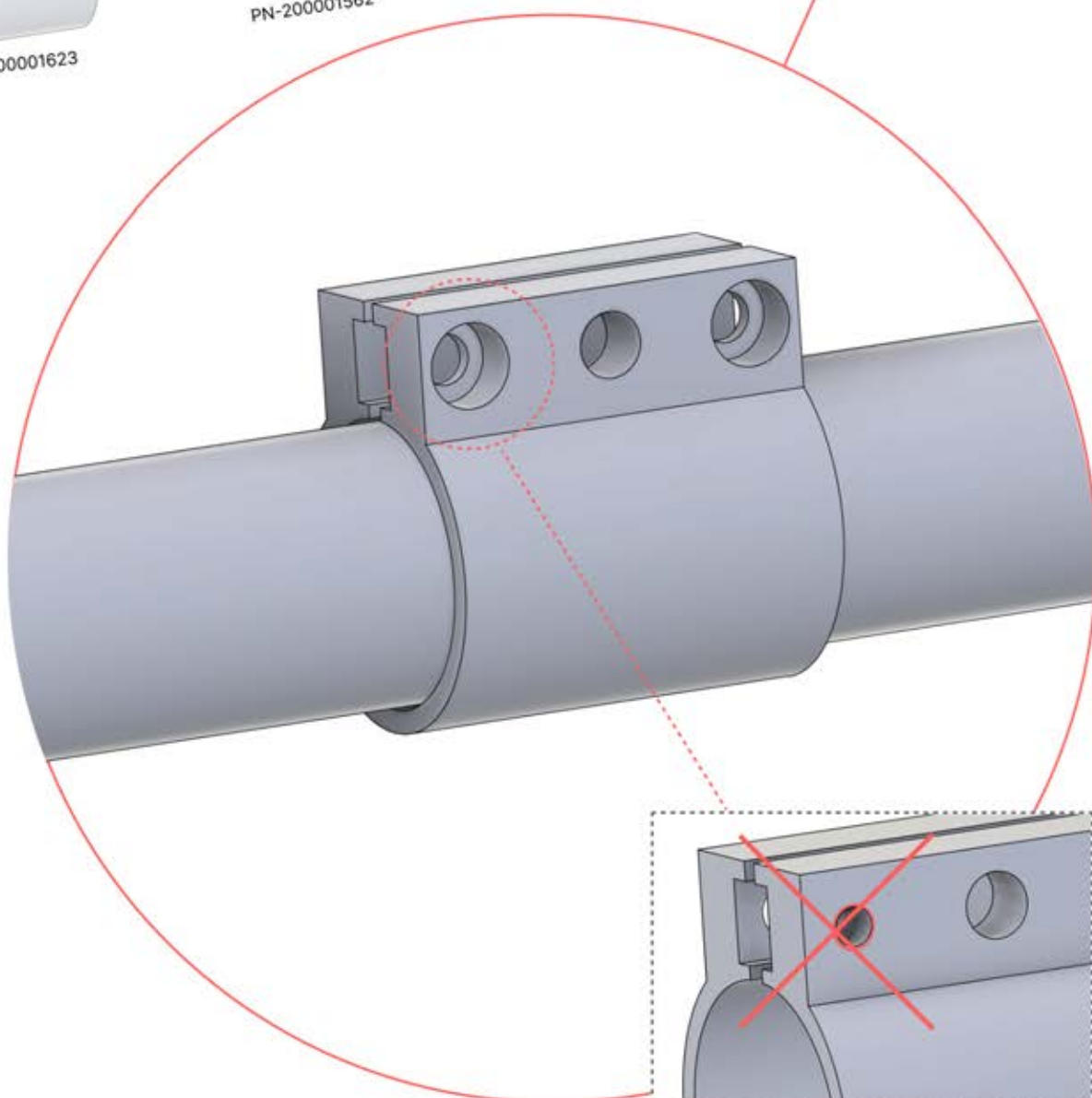
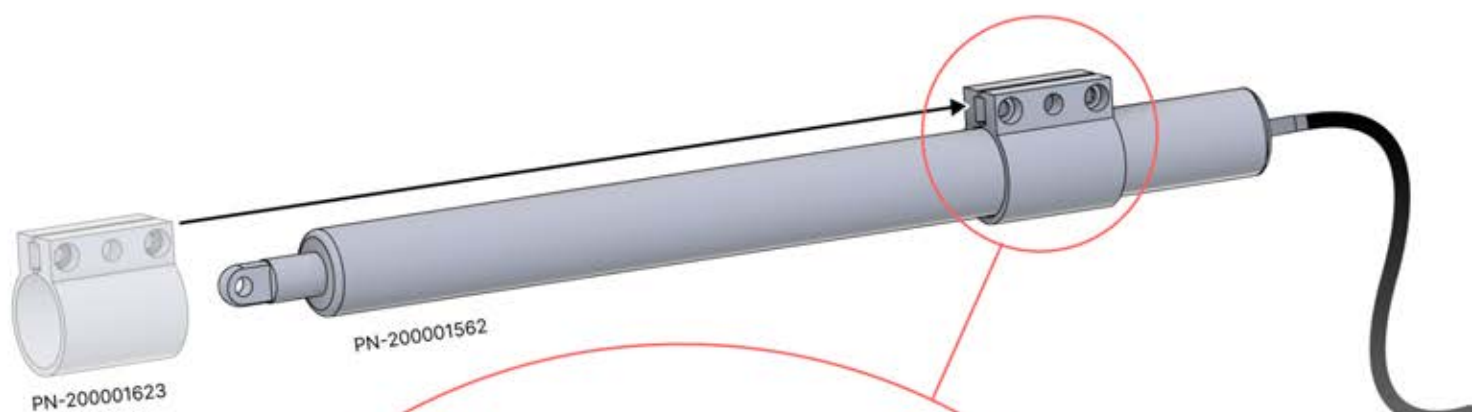
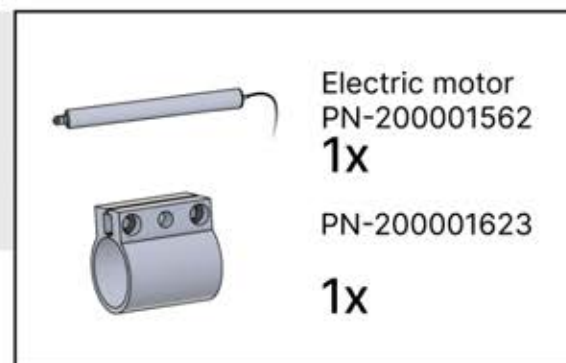
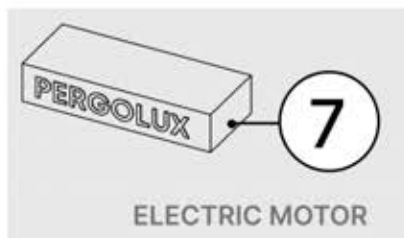


PN-200000960

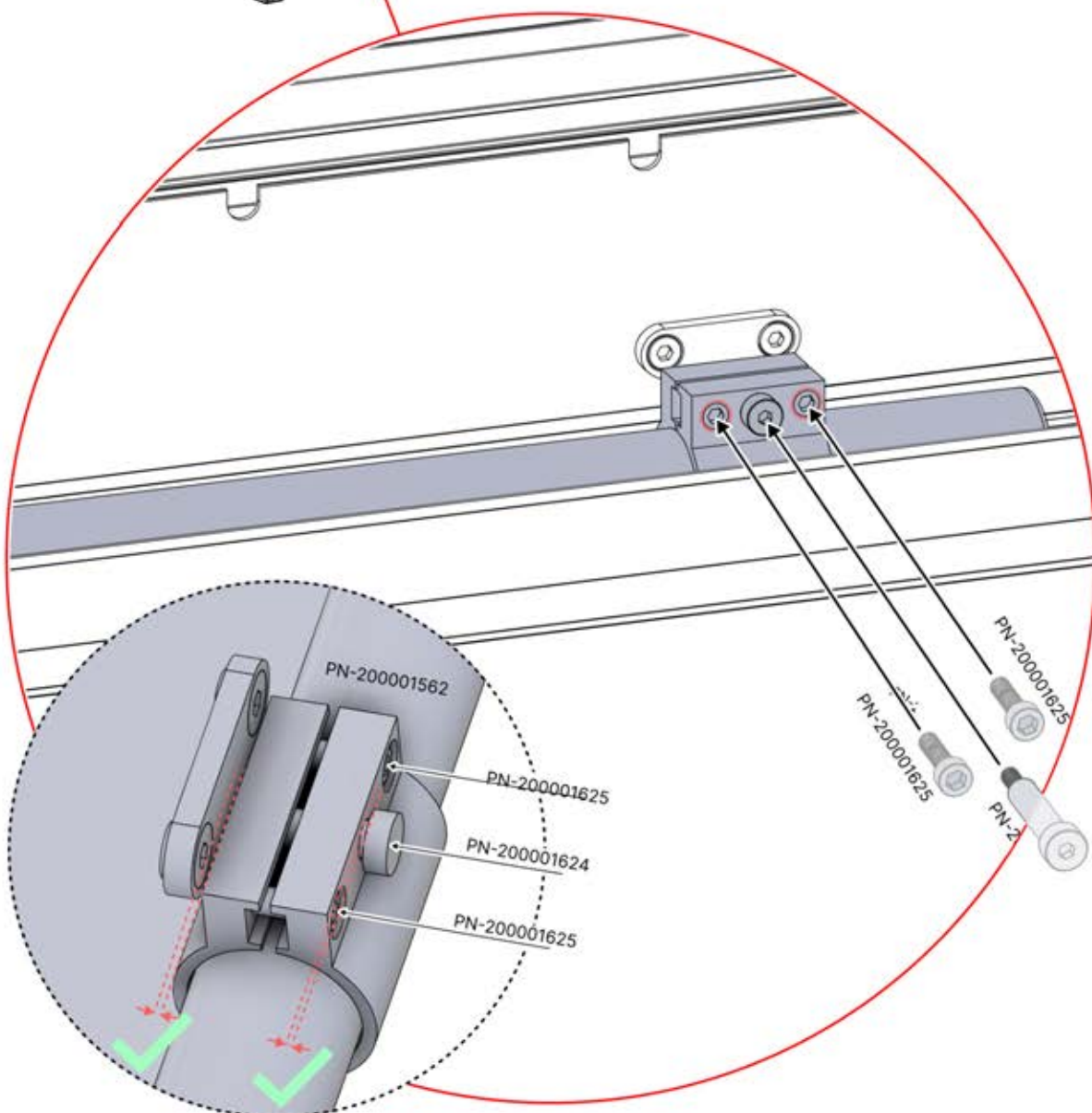
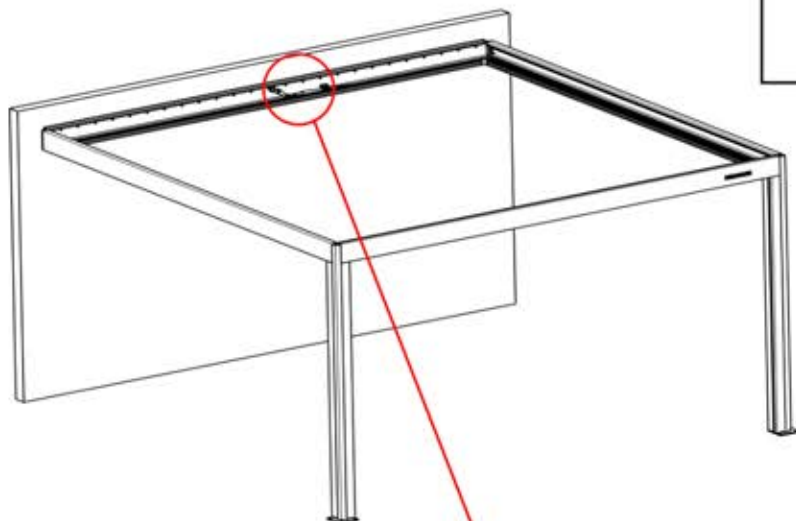
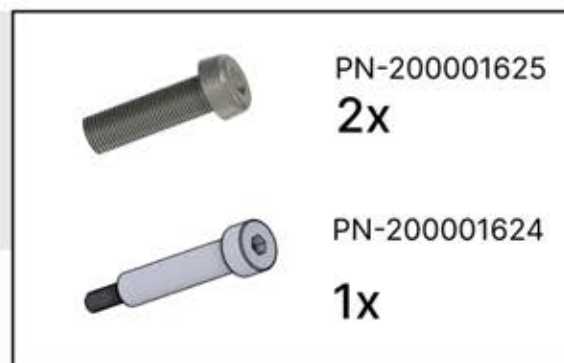
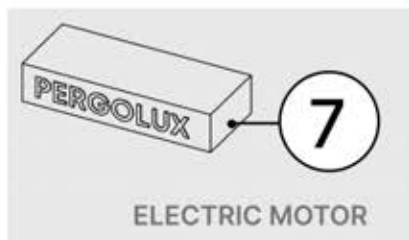
4x







30



31



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200003372
1x



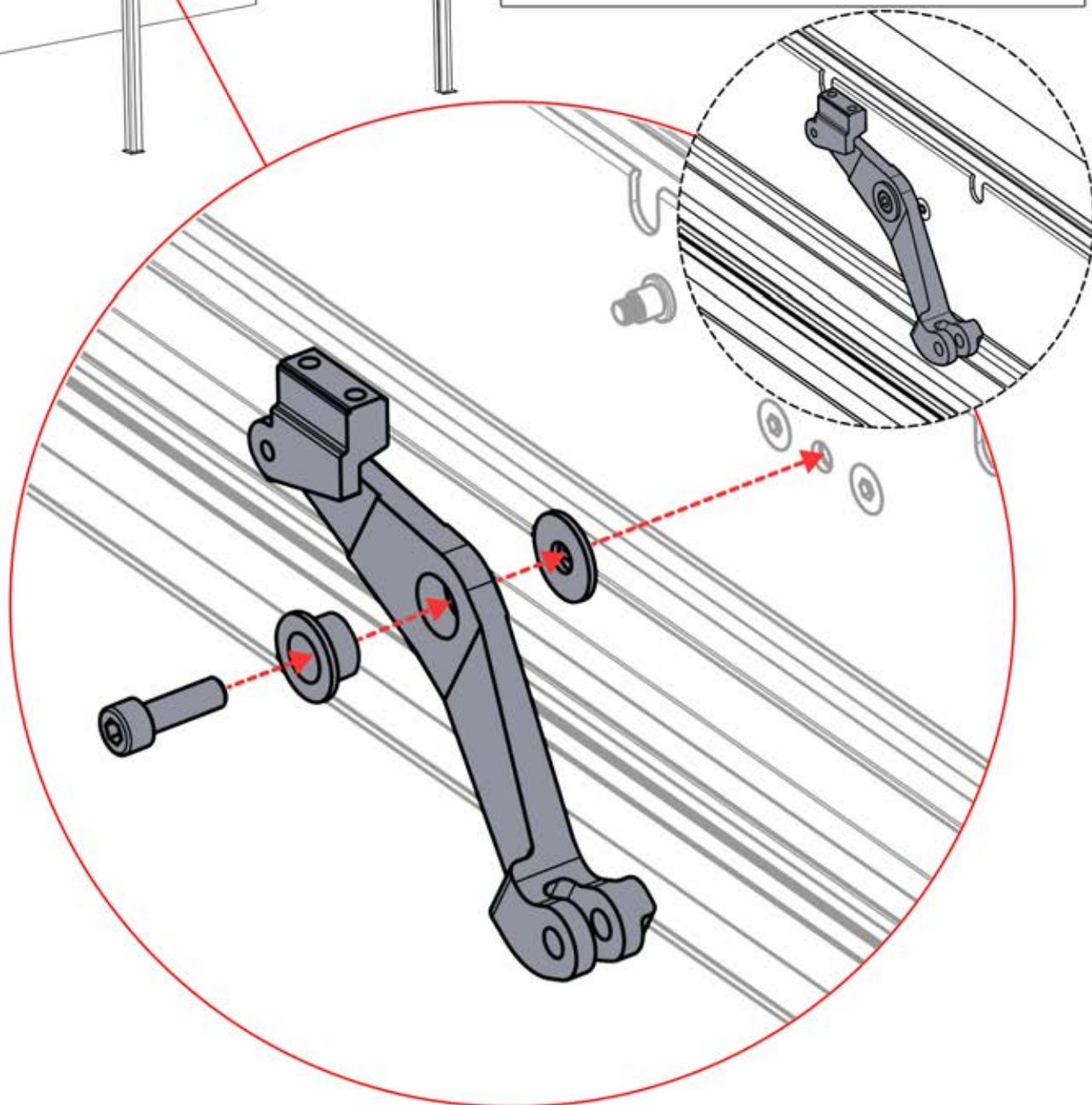
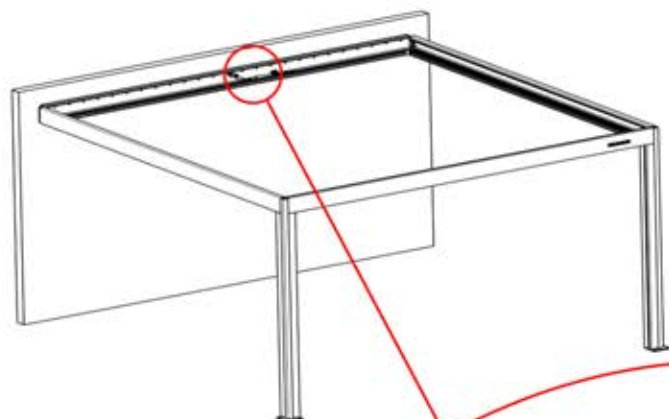
PN-200000502
1x



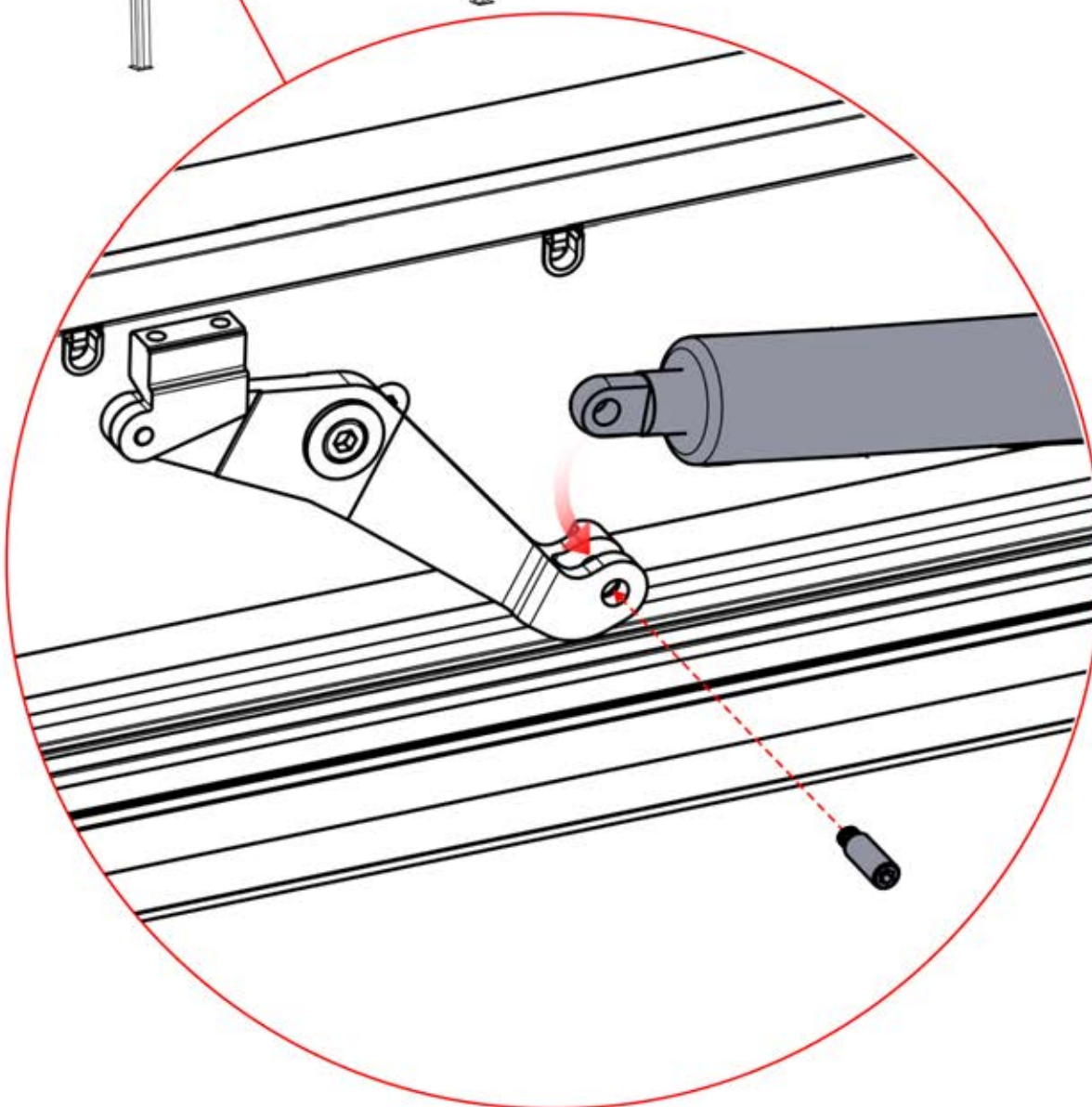
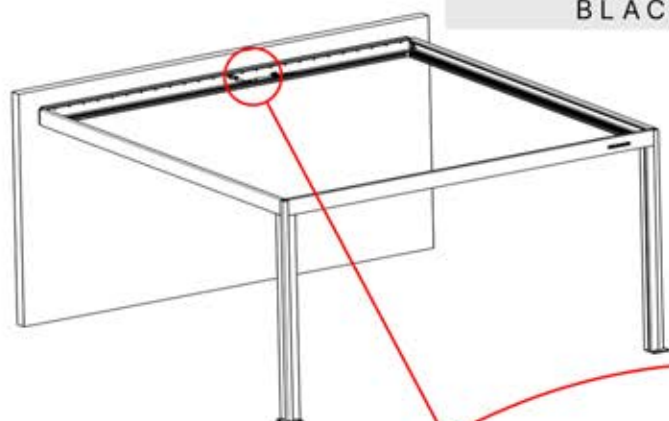
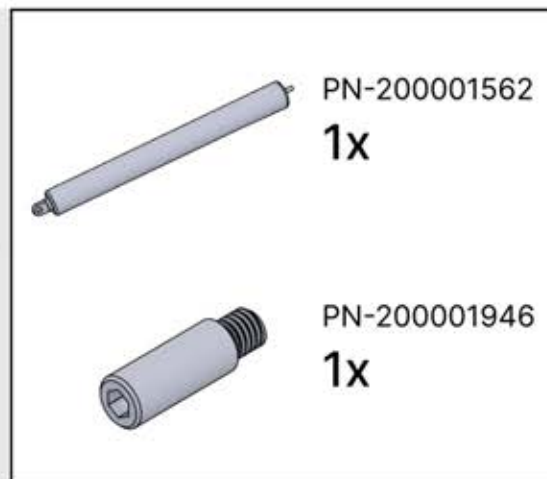
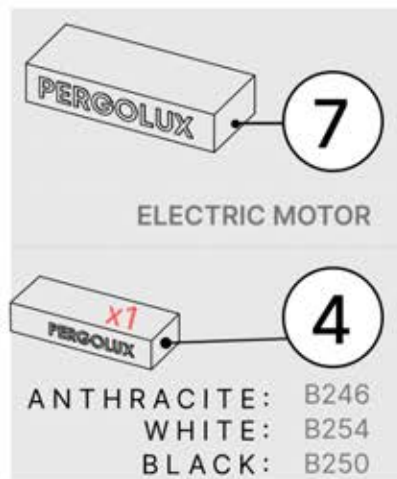
PN-200003373
1x



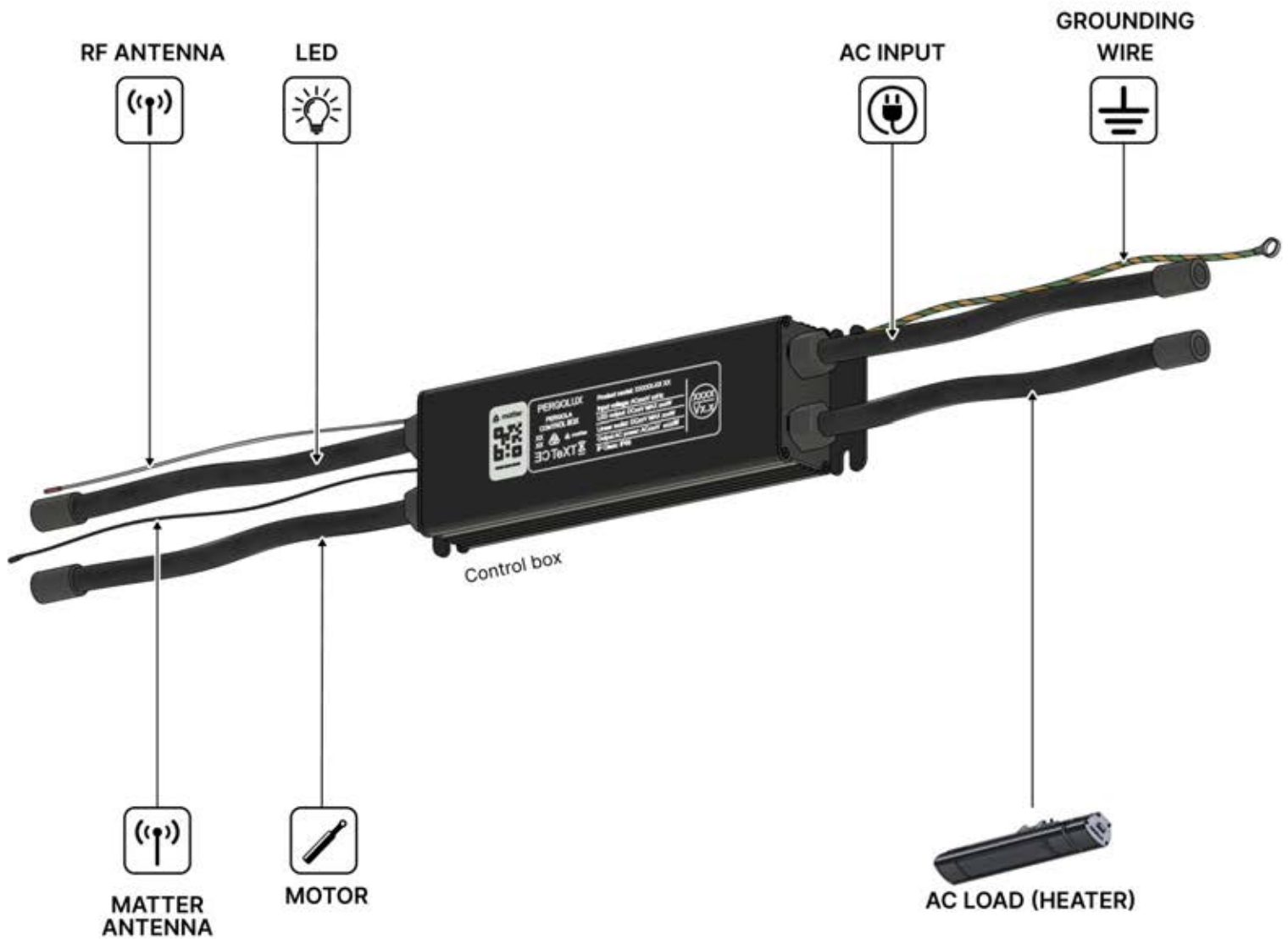
PN-200000561
1x



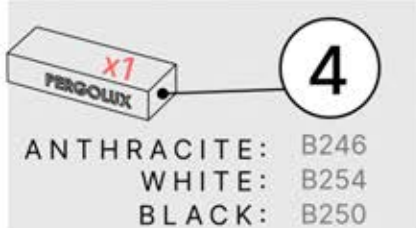
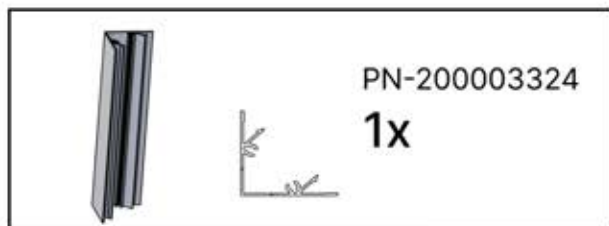
32



INPUTS AND OUTPUTS

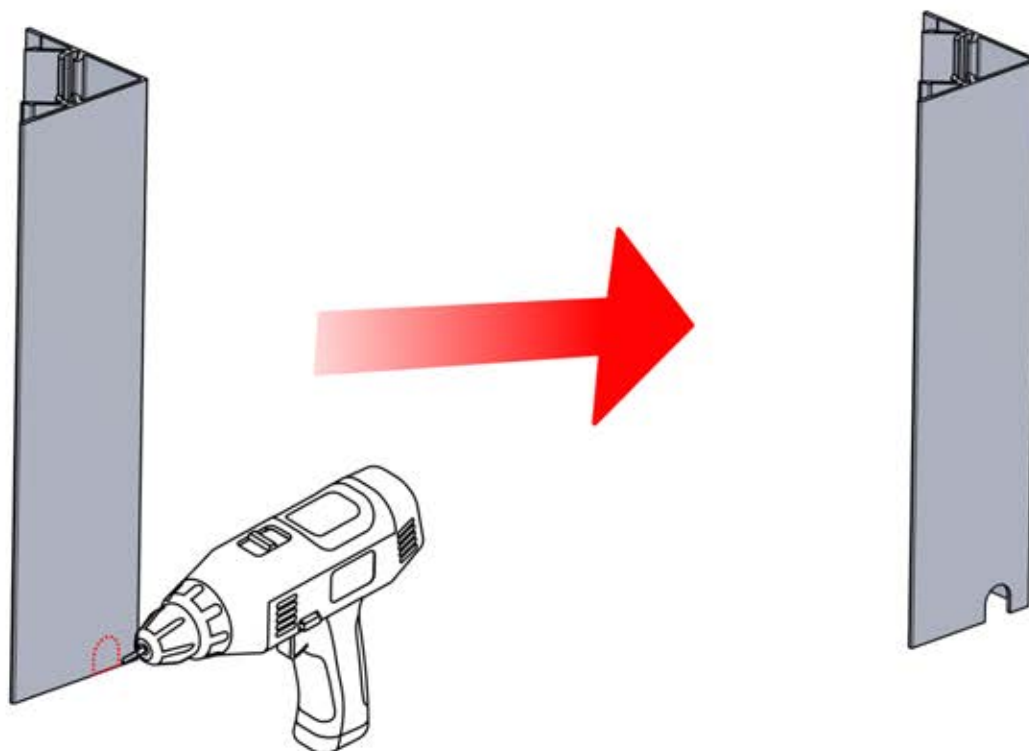


INFORMATION

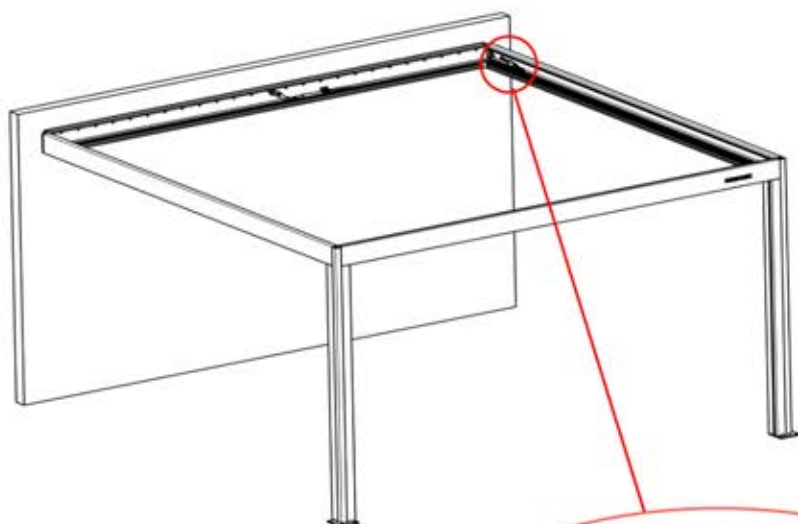
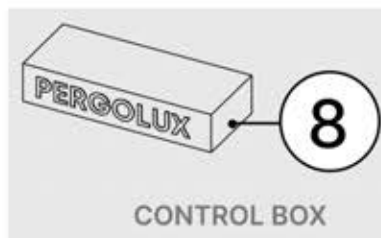


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200003324**) as illustrated. This allows the cable to pass through during installation in step 60.

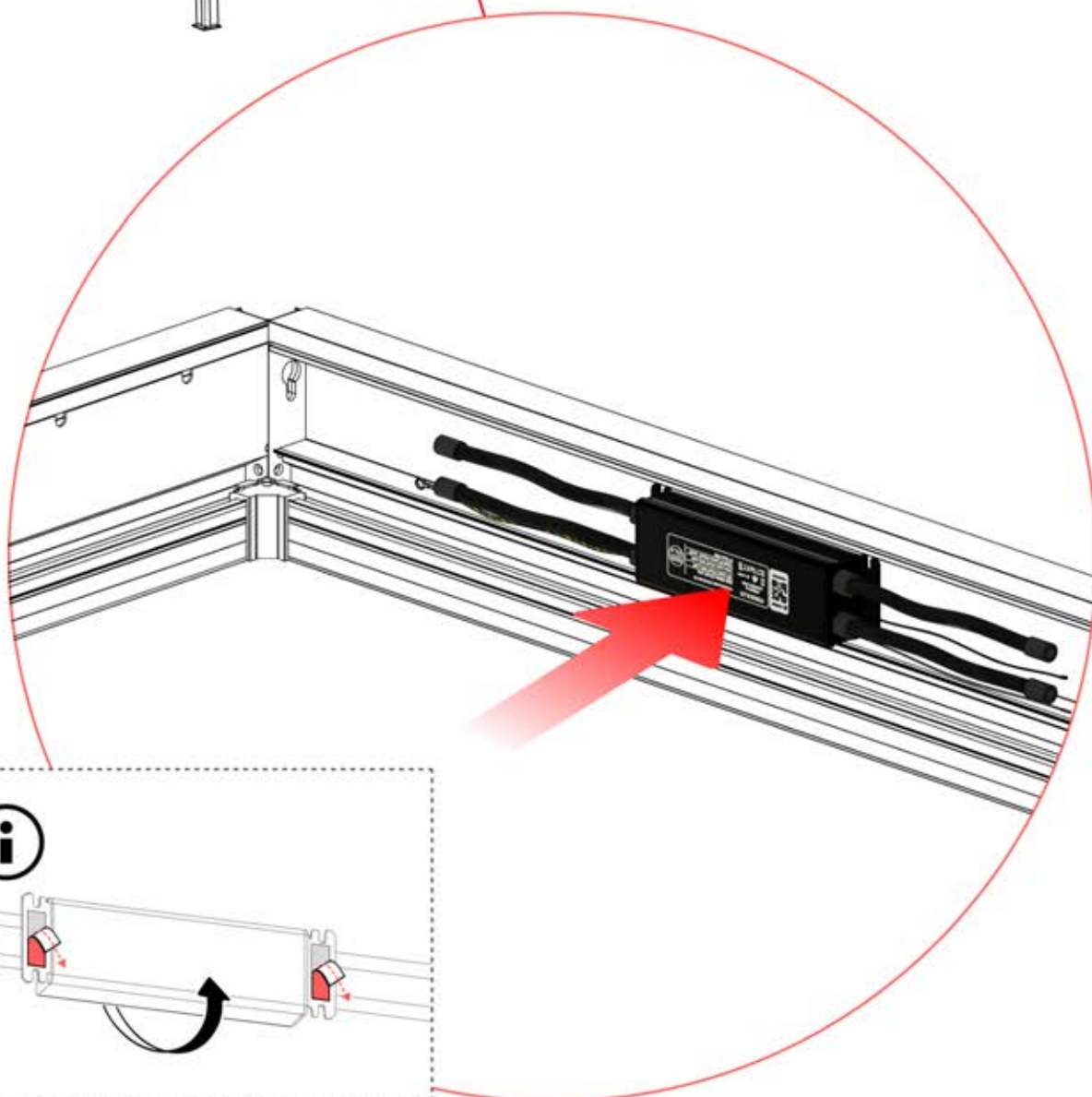
Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.



33



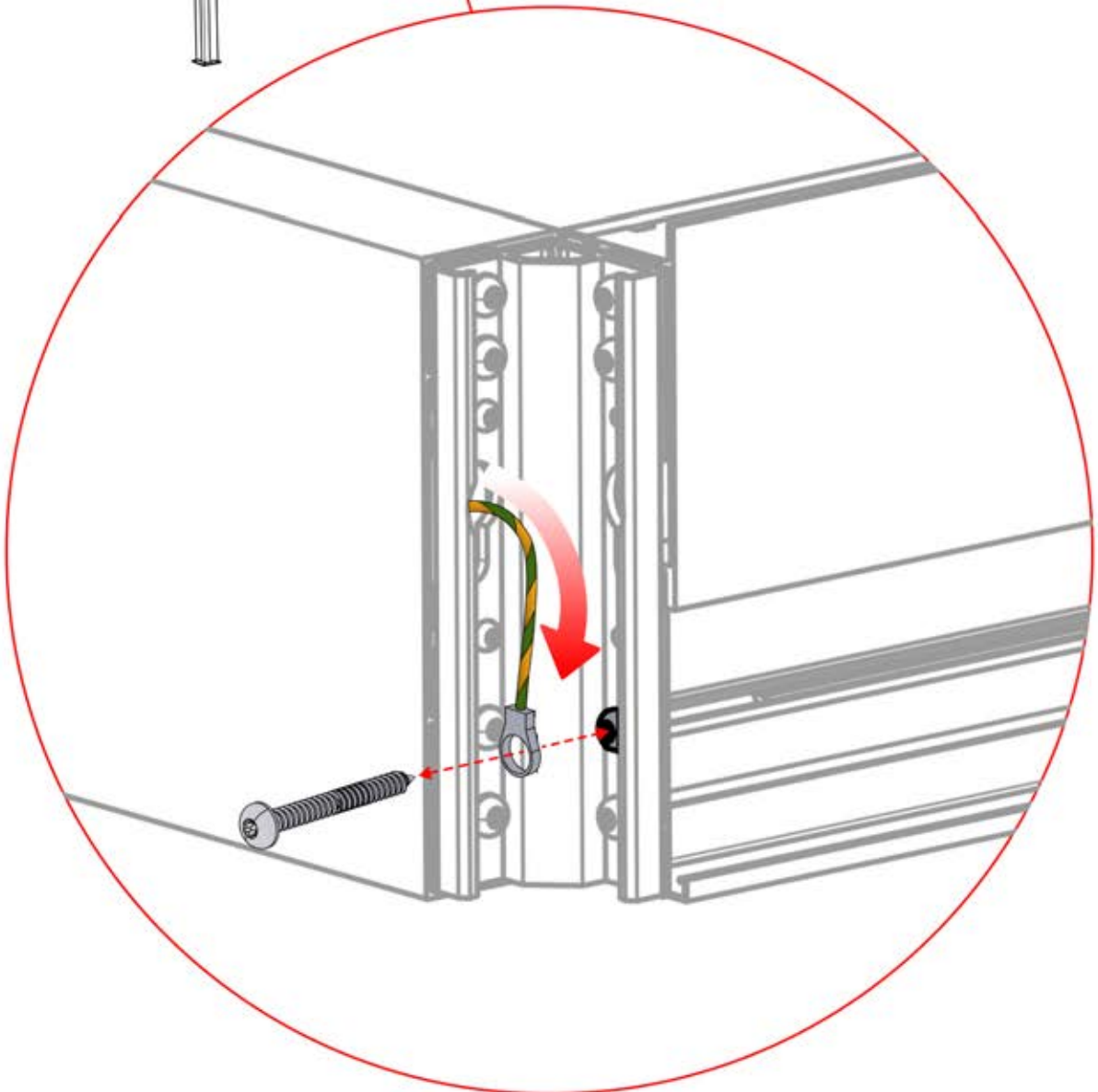
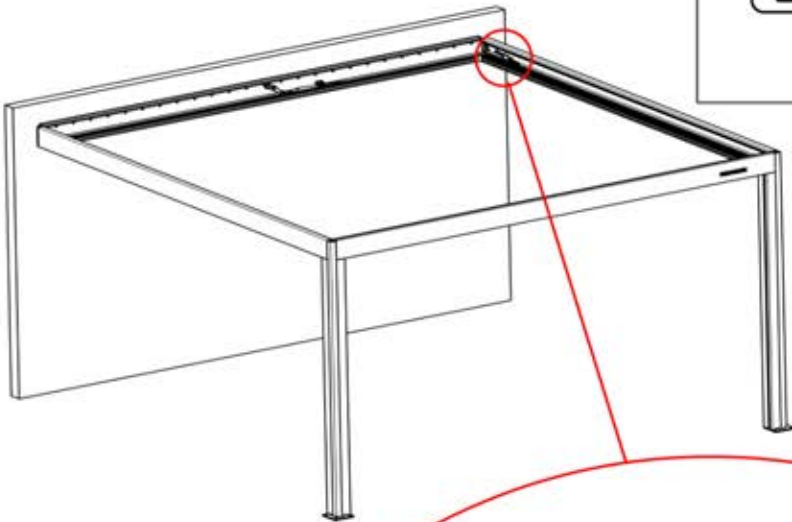
! Control Box can be installed on Preferred W BEAM



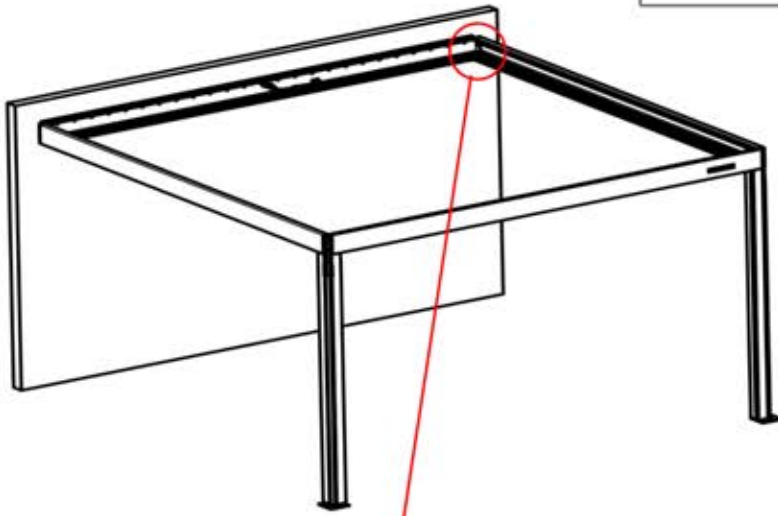
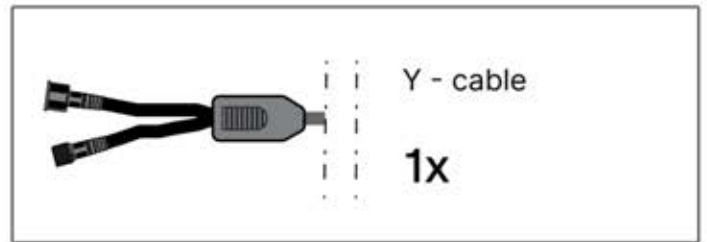
34



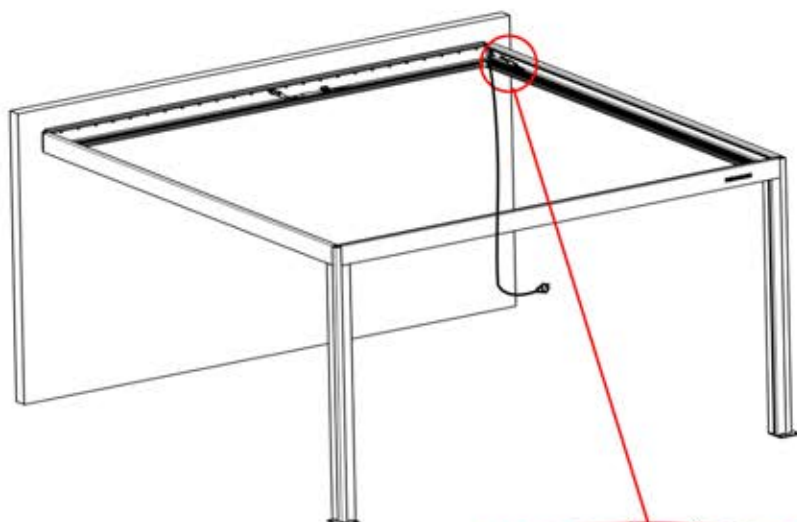
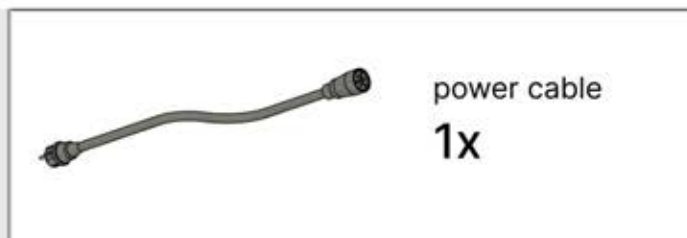
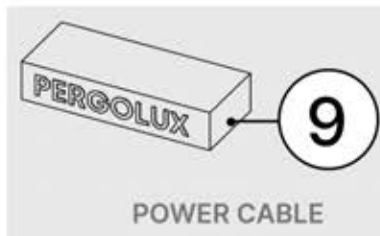
Connect grounding
wire before connecting to
power!



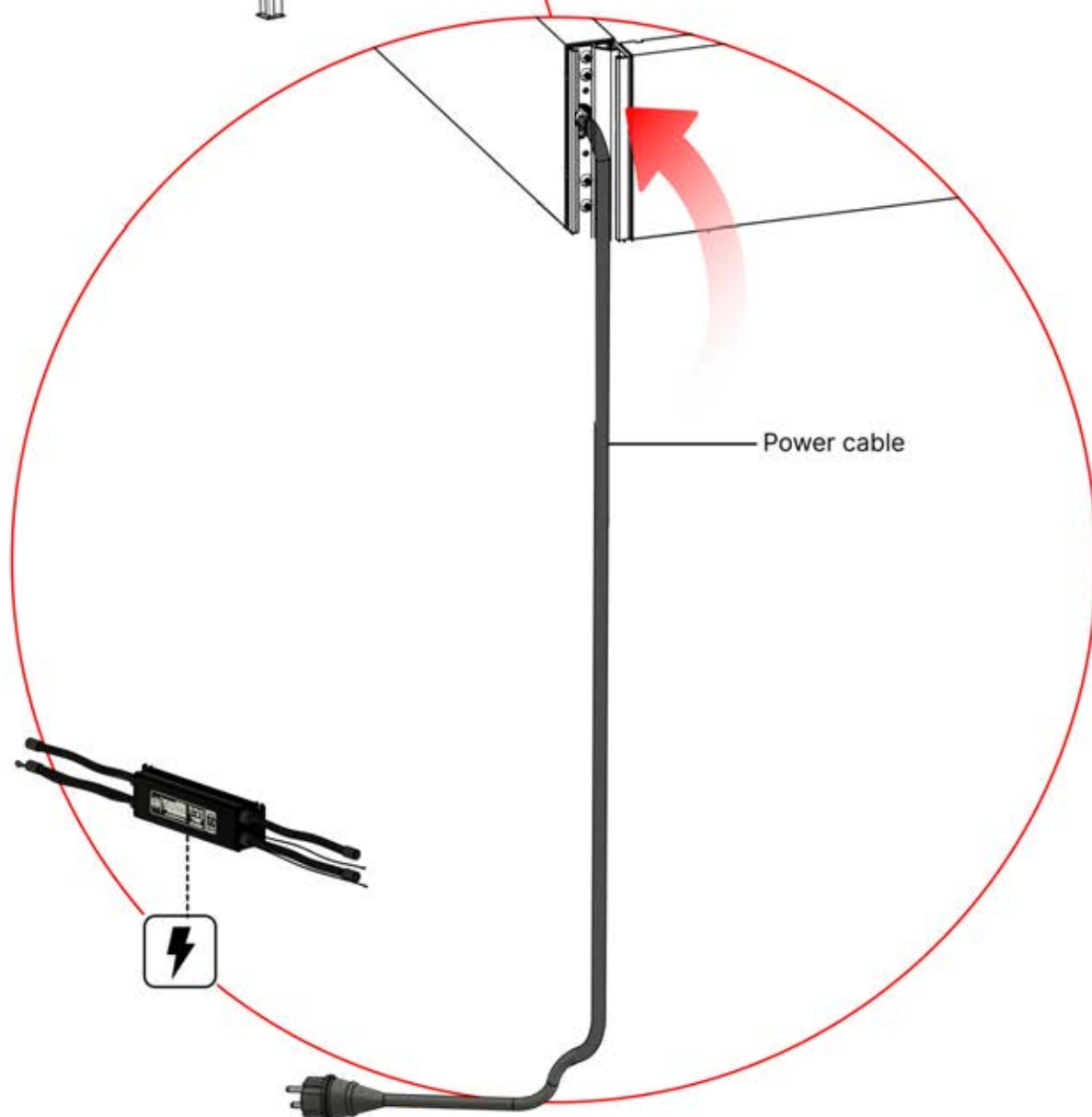
35



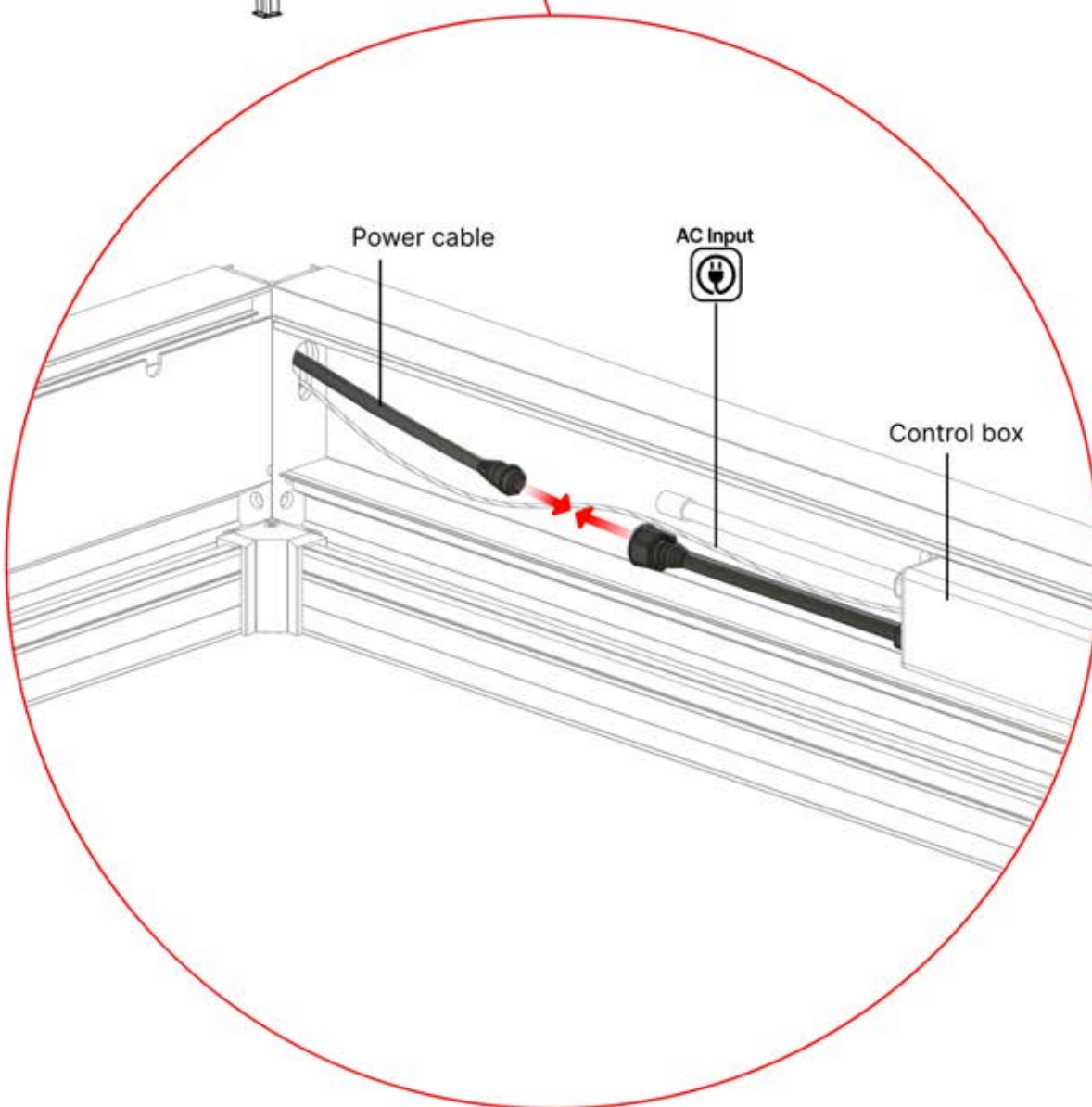
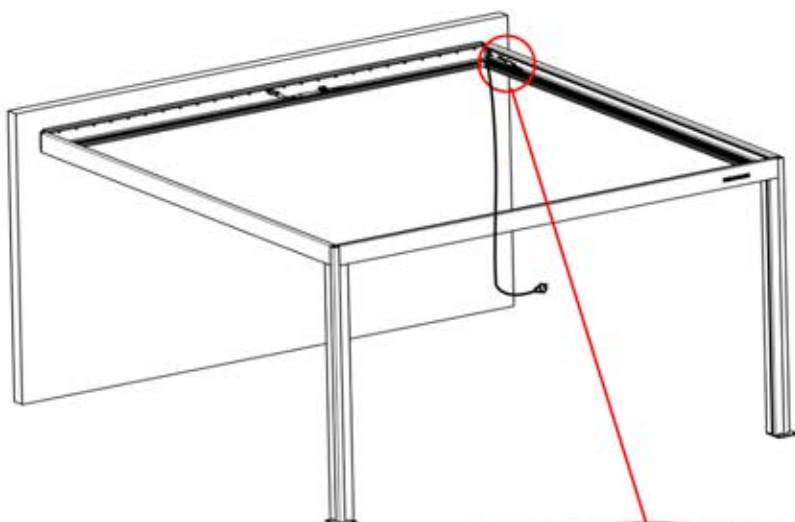
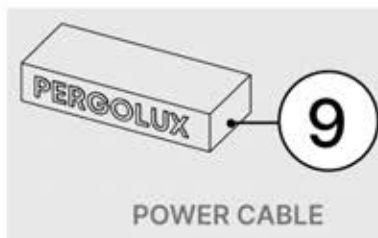
36



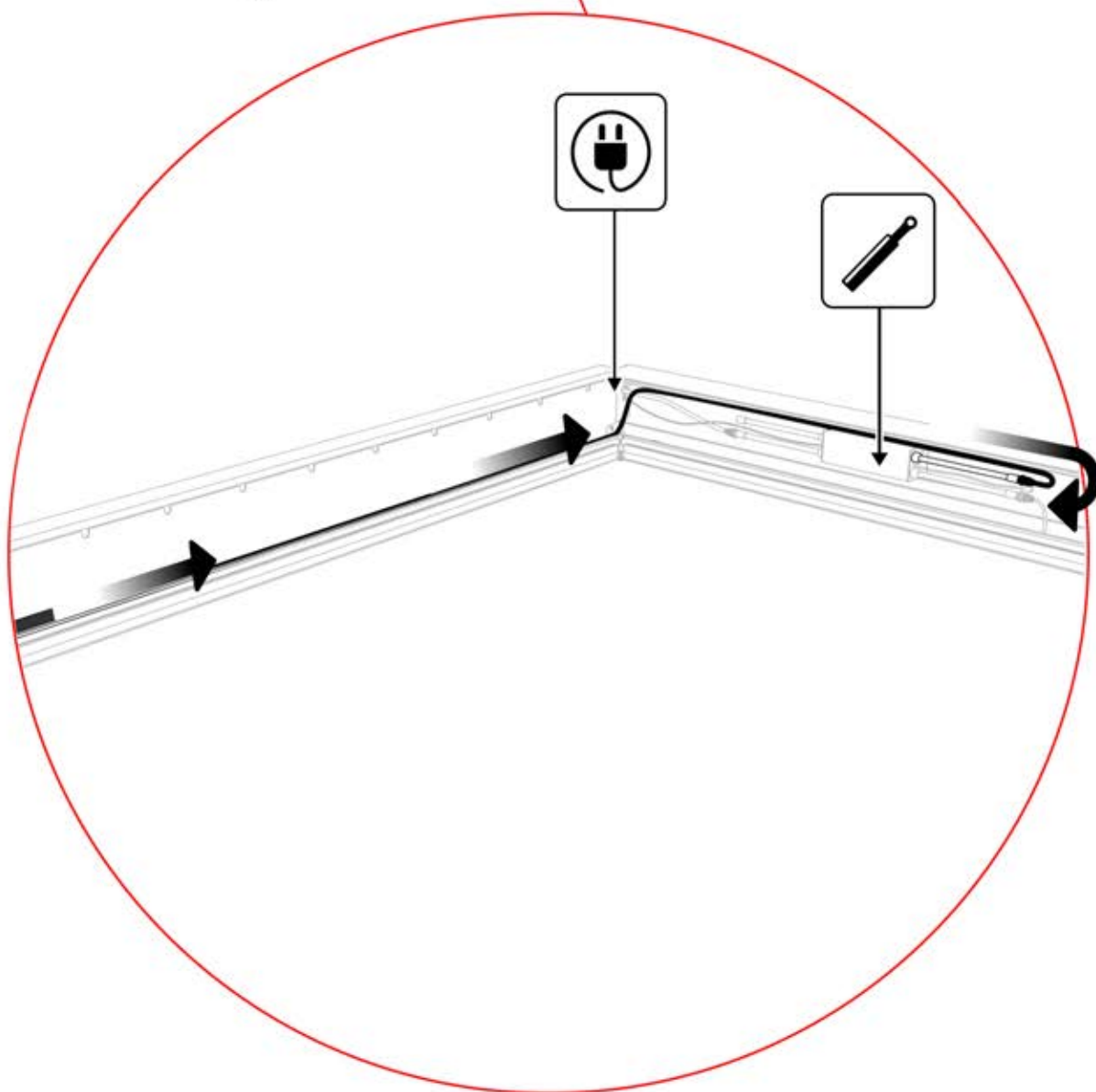
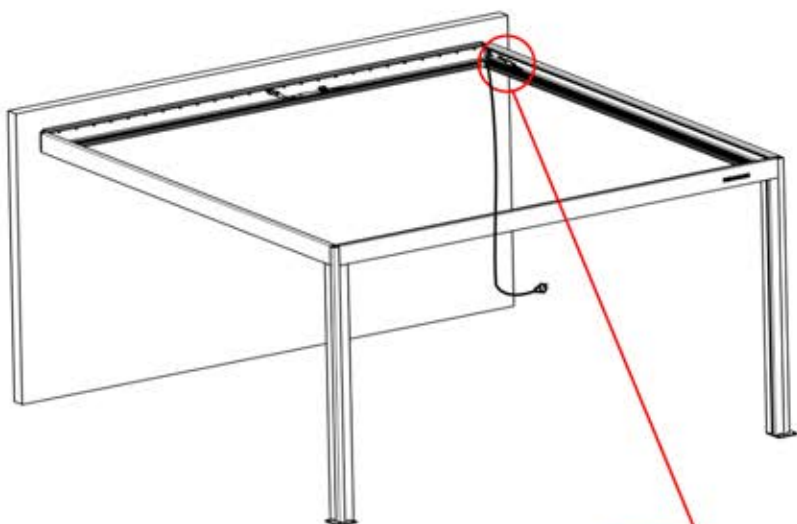
!
Power Cable can be
routed through all
the Poles.



37



38

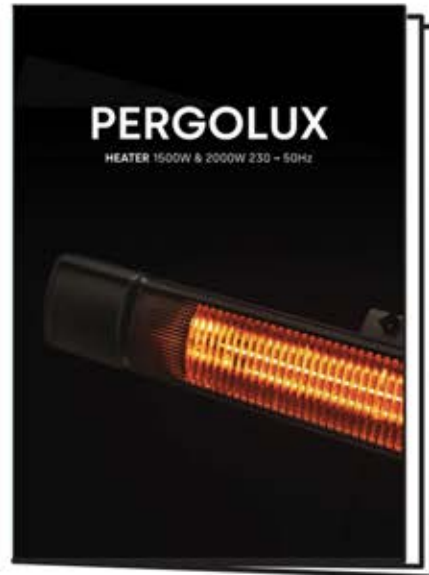


39

1

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

Follow the instructions in the heater assembly manual.



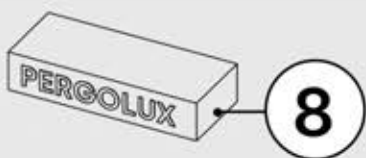
2

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

Follow the instruction in the assembly manual.



40



8

CONTROL BOX

!

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

S4

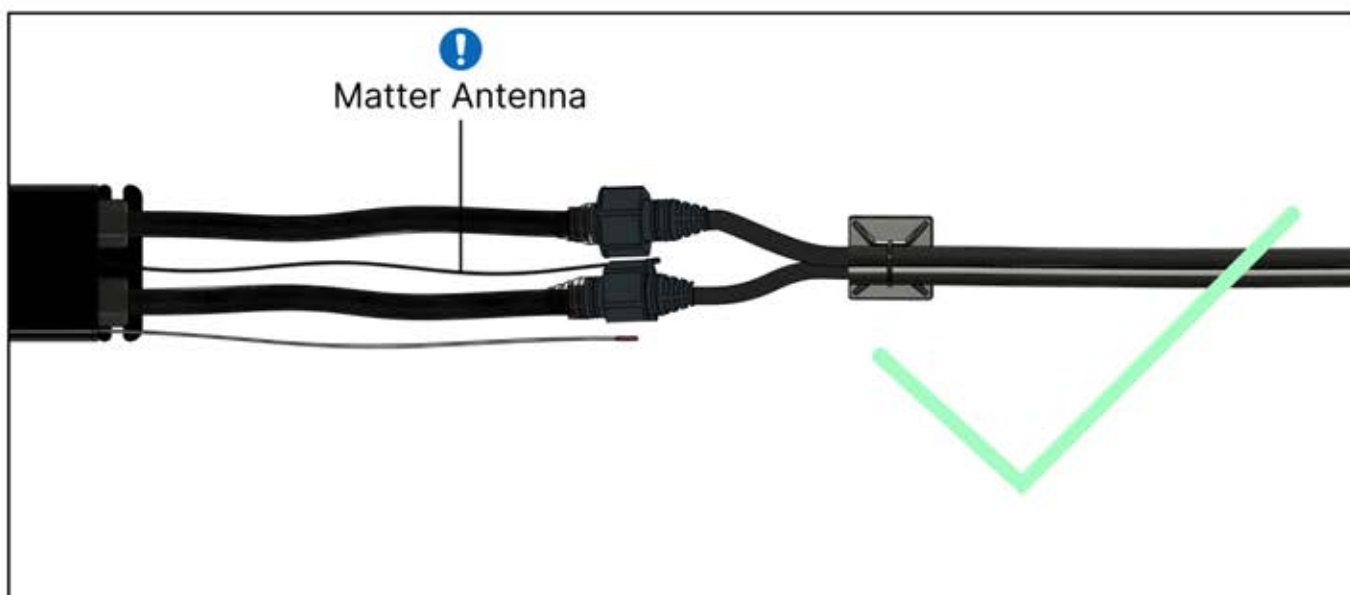
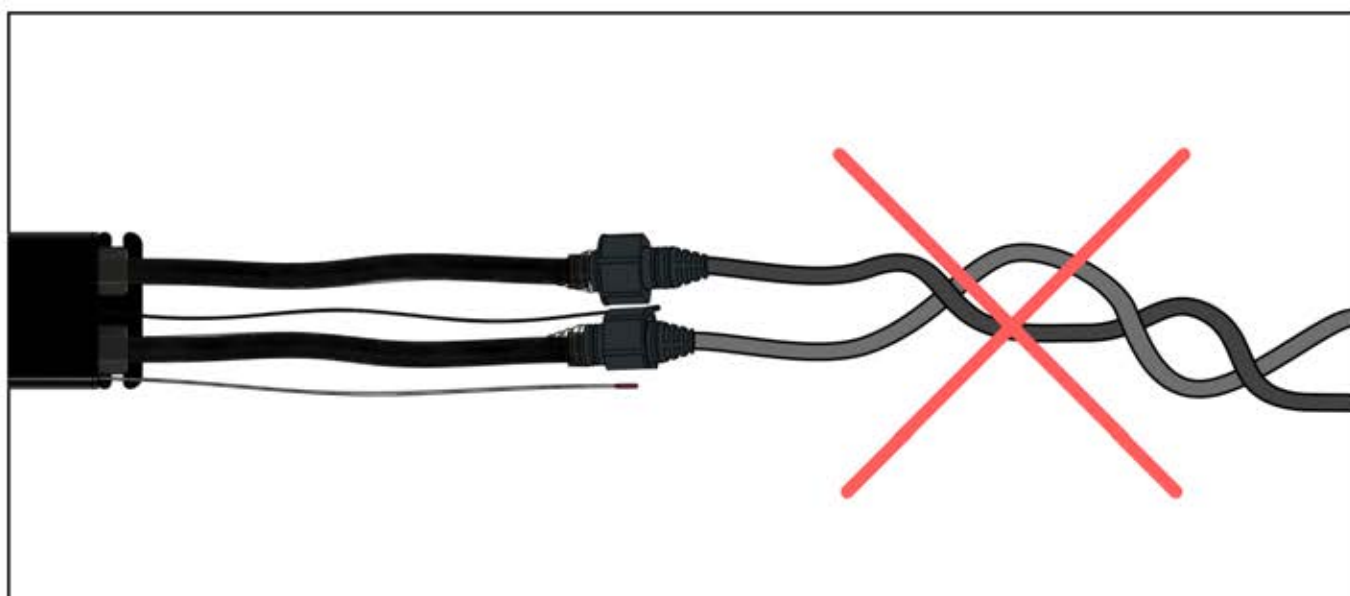


PN-200002683

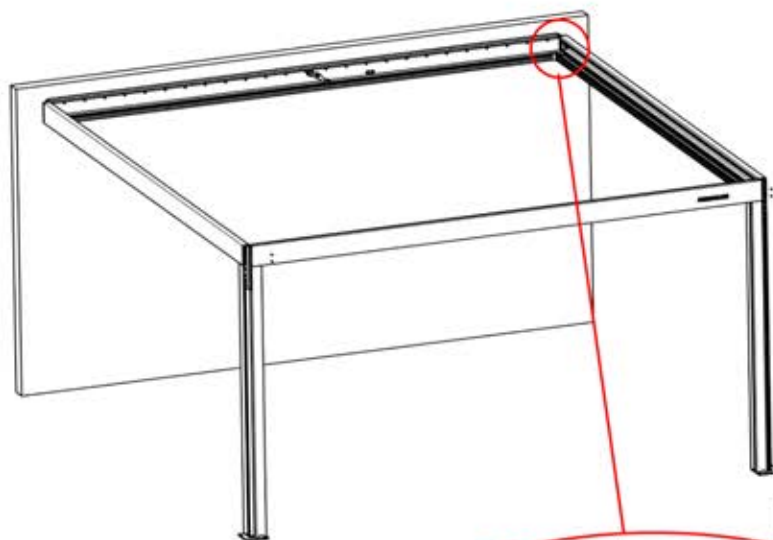
5x

PN-200002684

10x

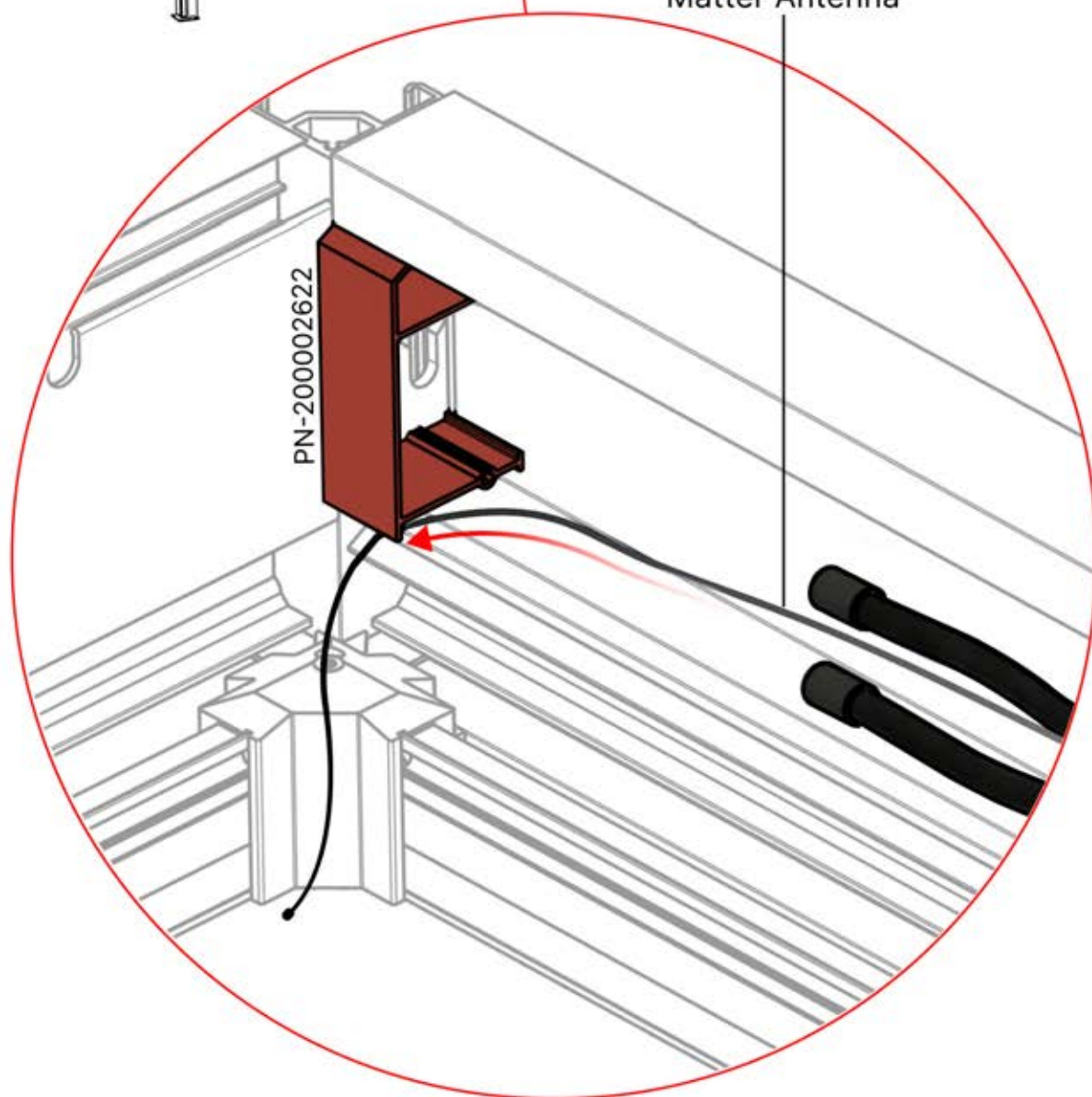


41

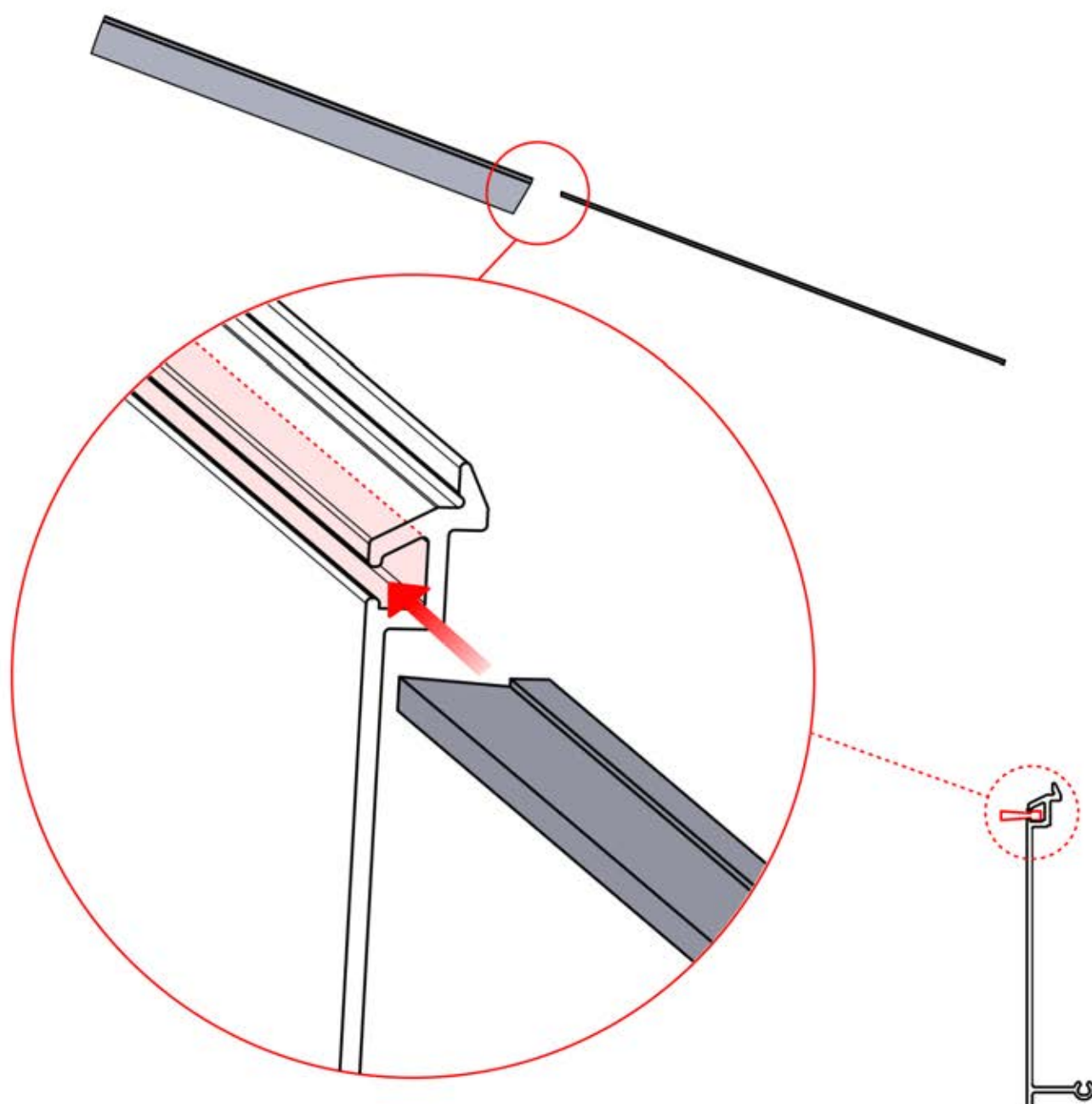
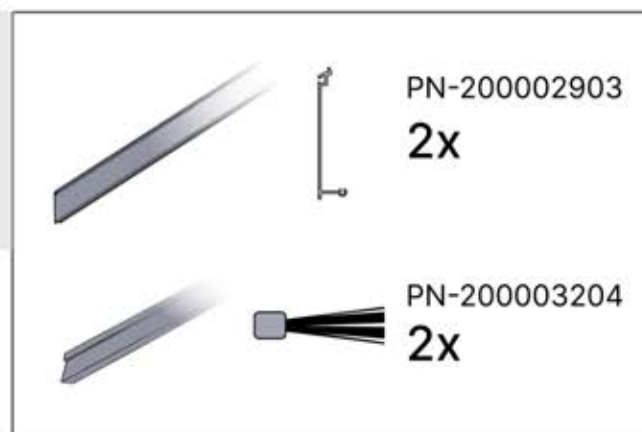
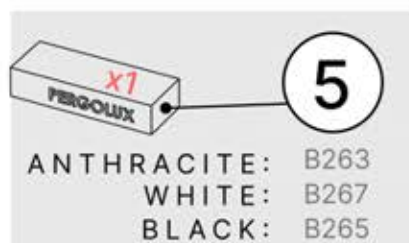



Route the Matter
Antenna and place it
below the highlighted
part(PN-200002622).

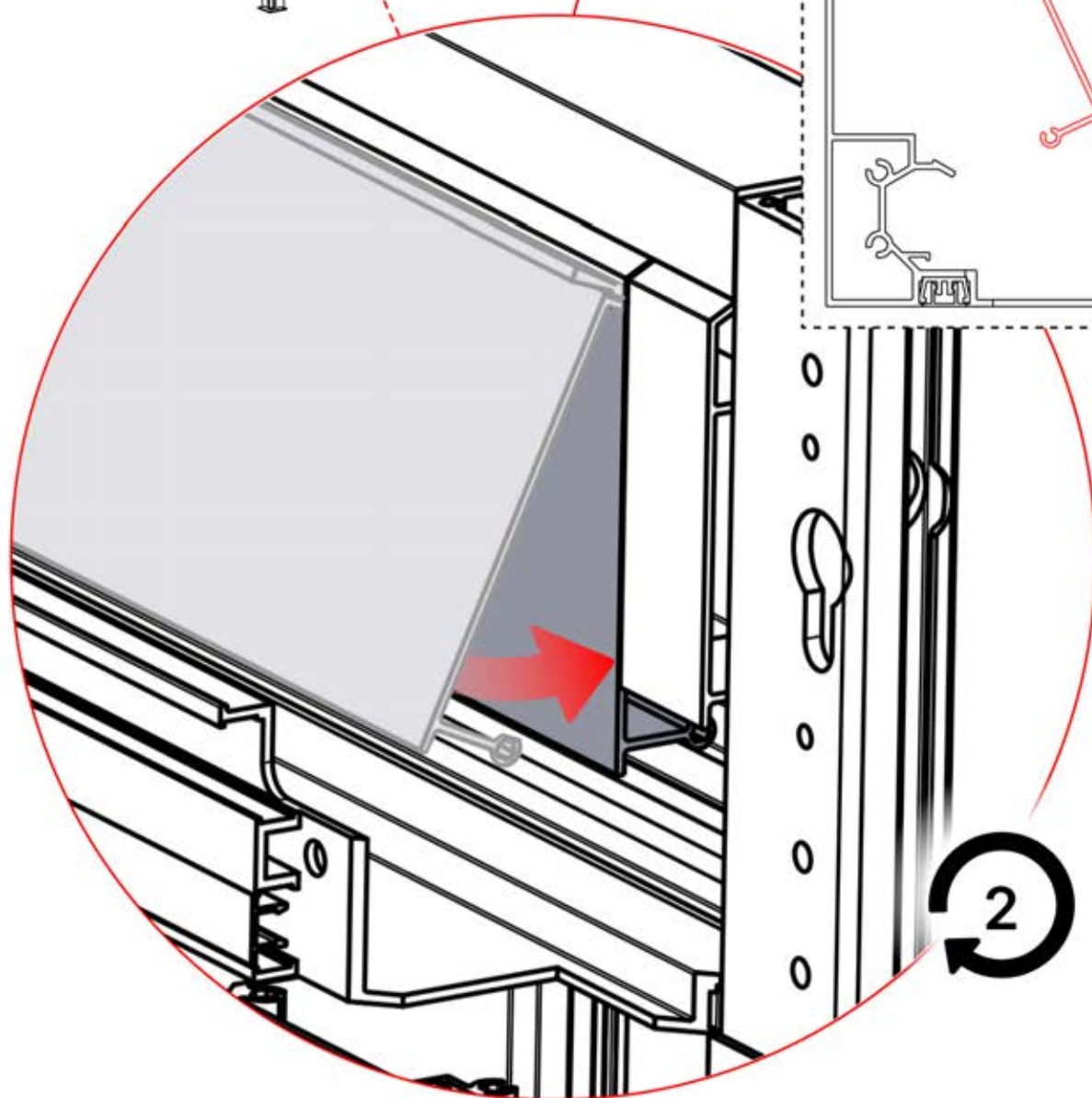
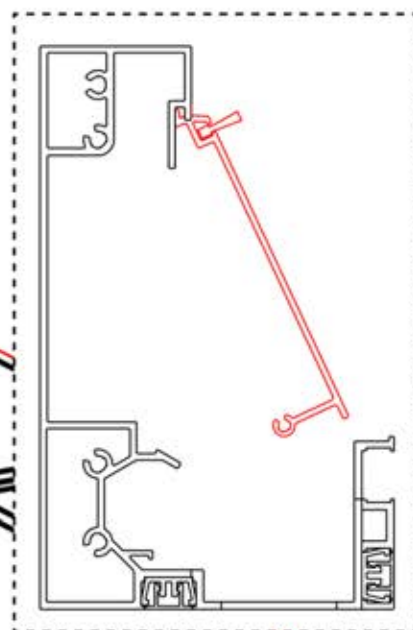
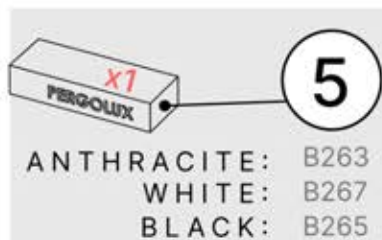

Matter Antenna



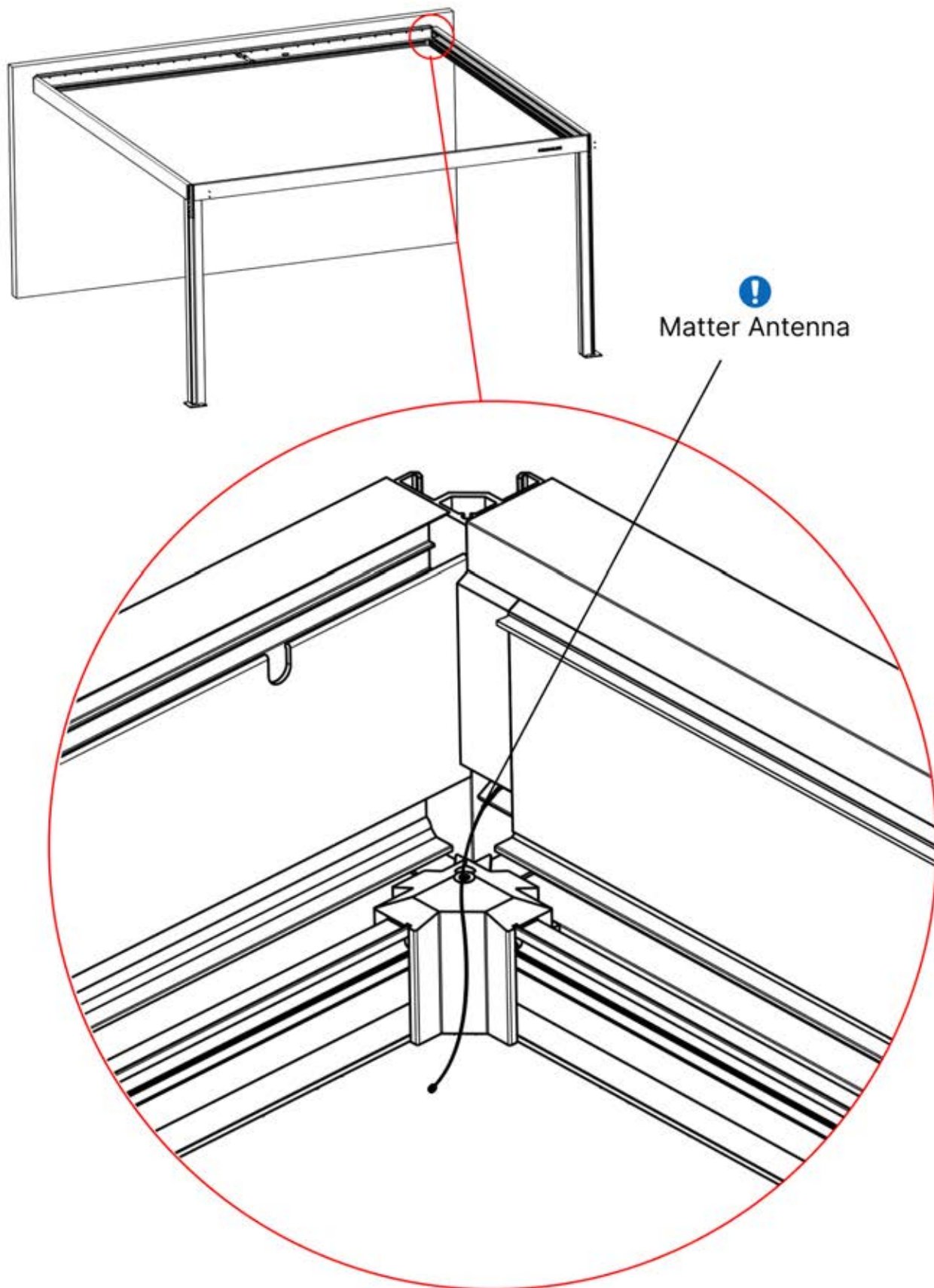
42



43



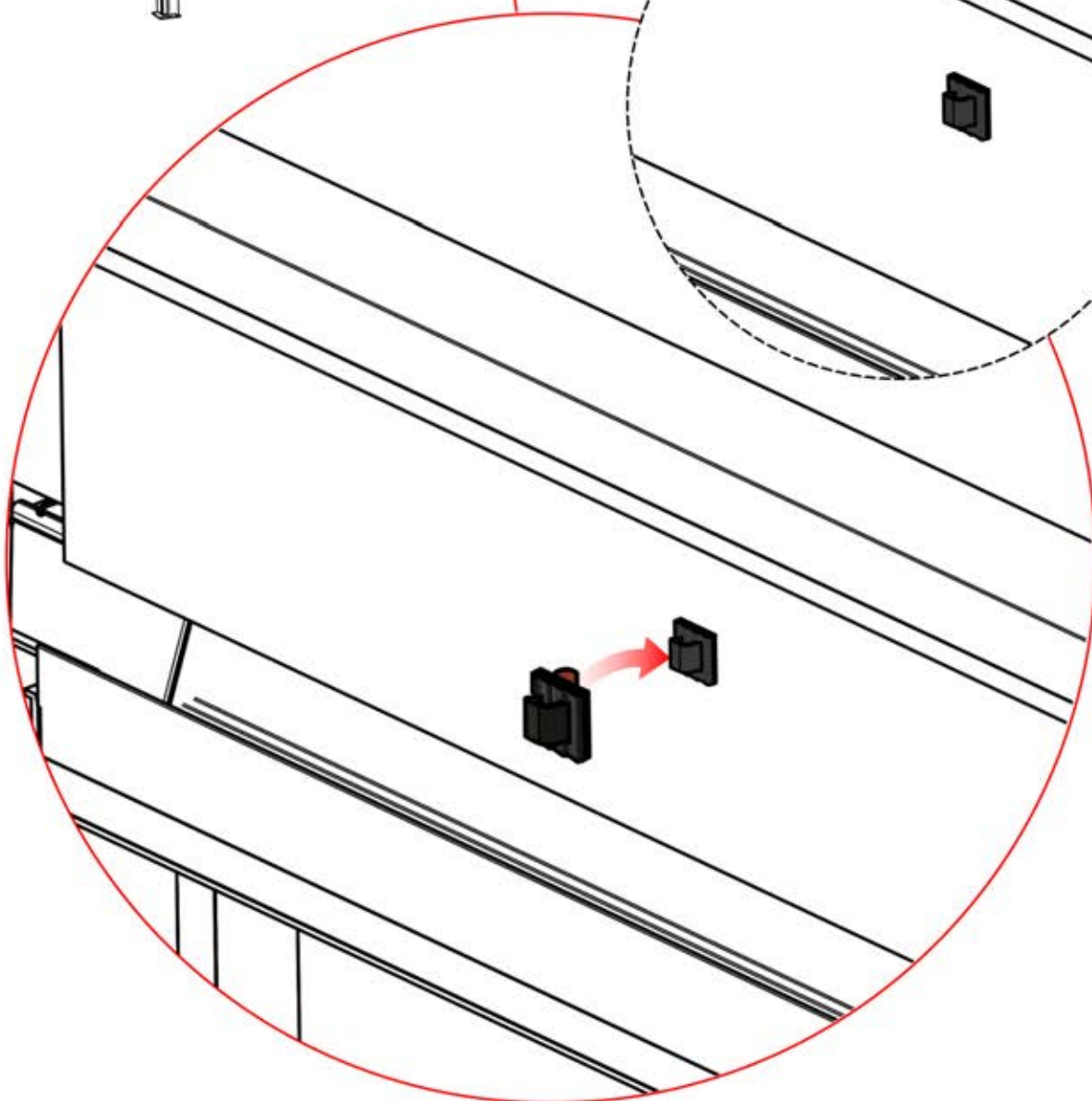
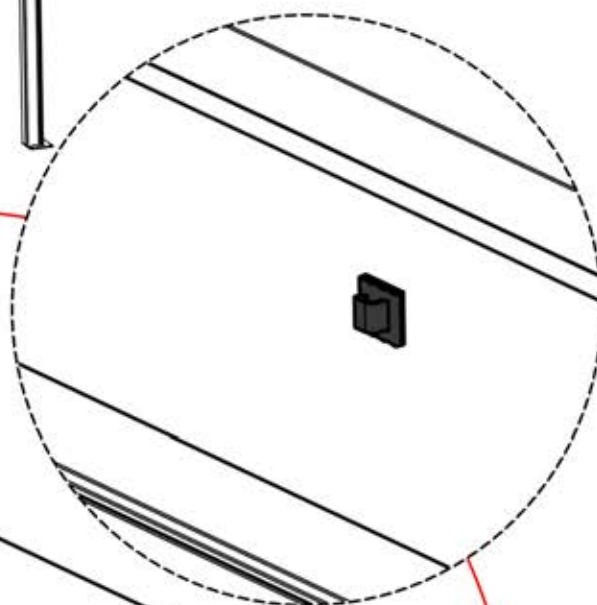
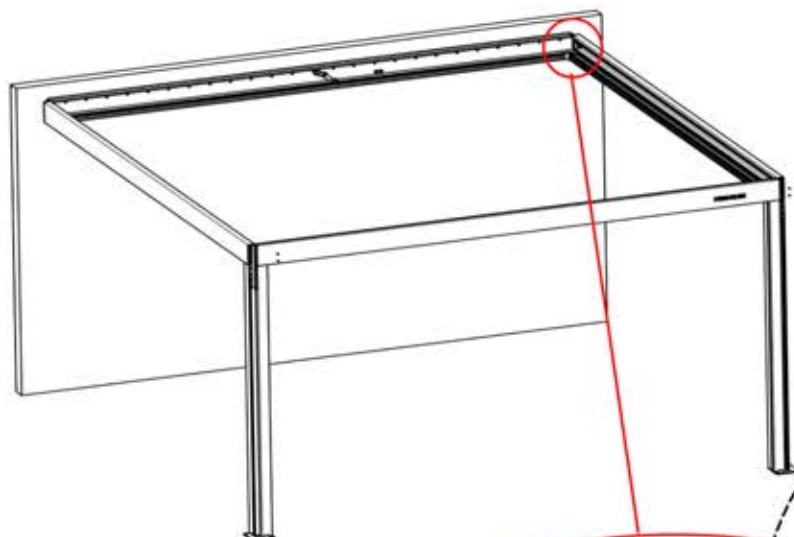
INFORMATION



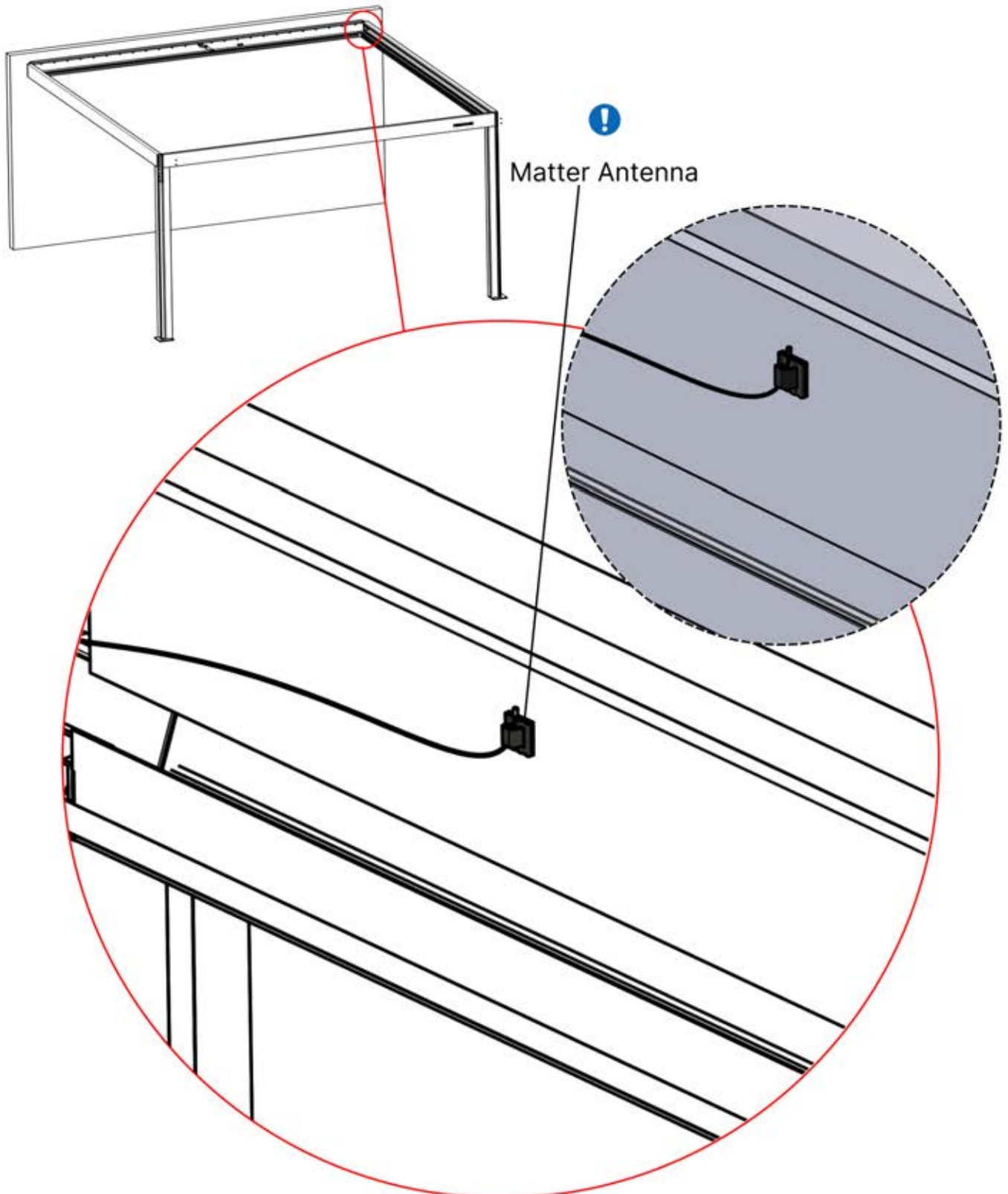
44



Matter Antenna
1x



45

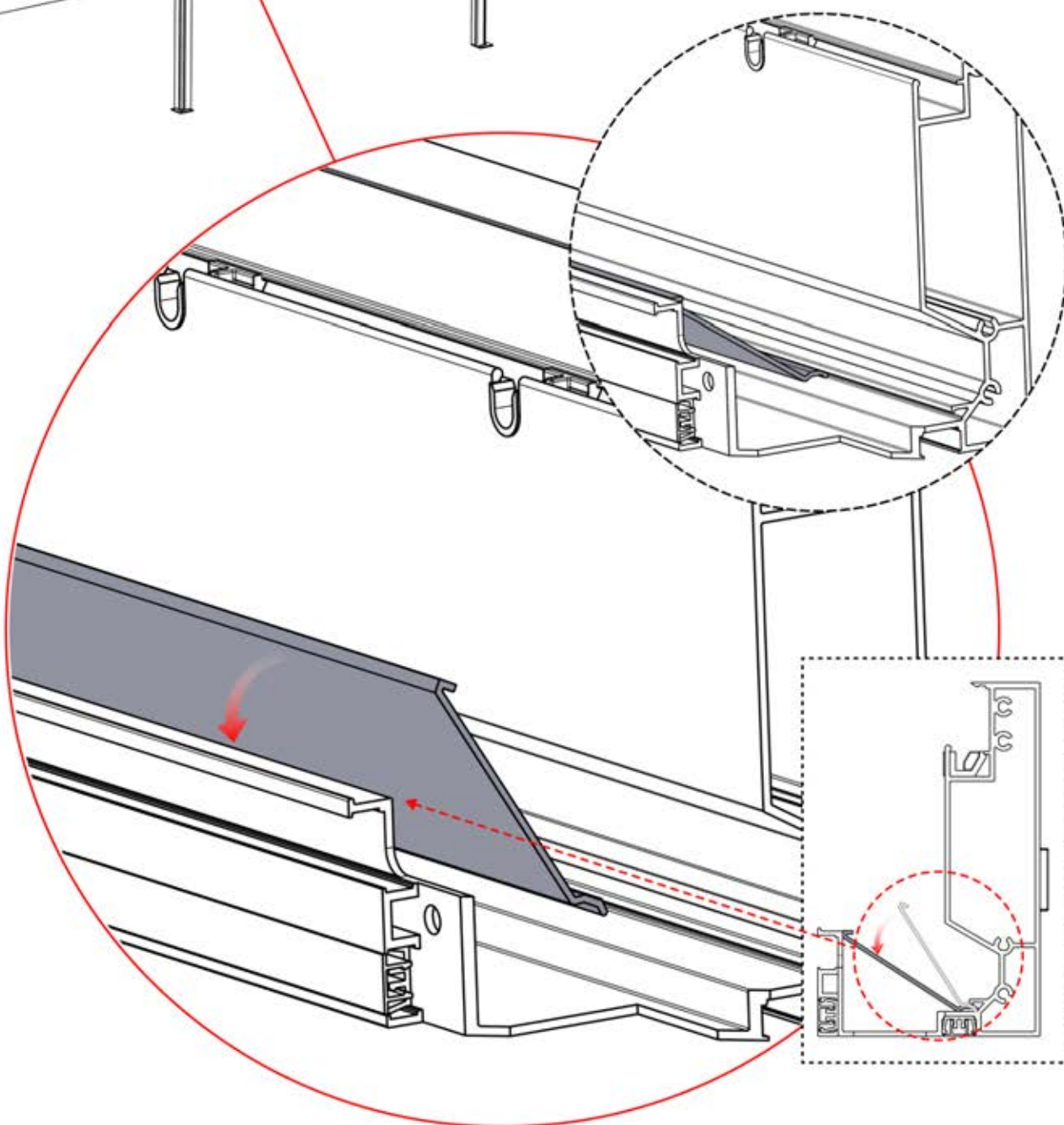
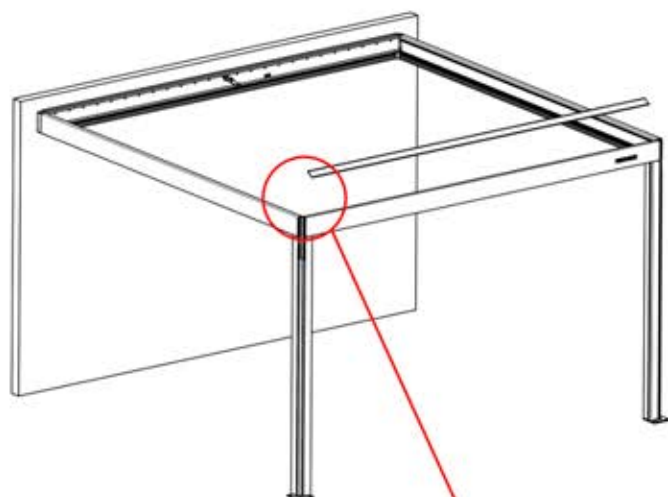
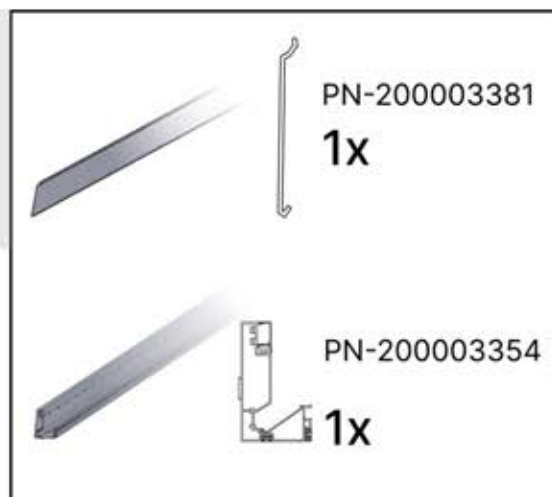


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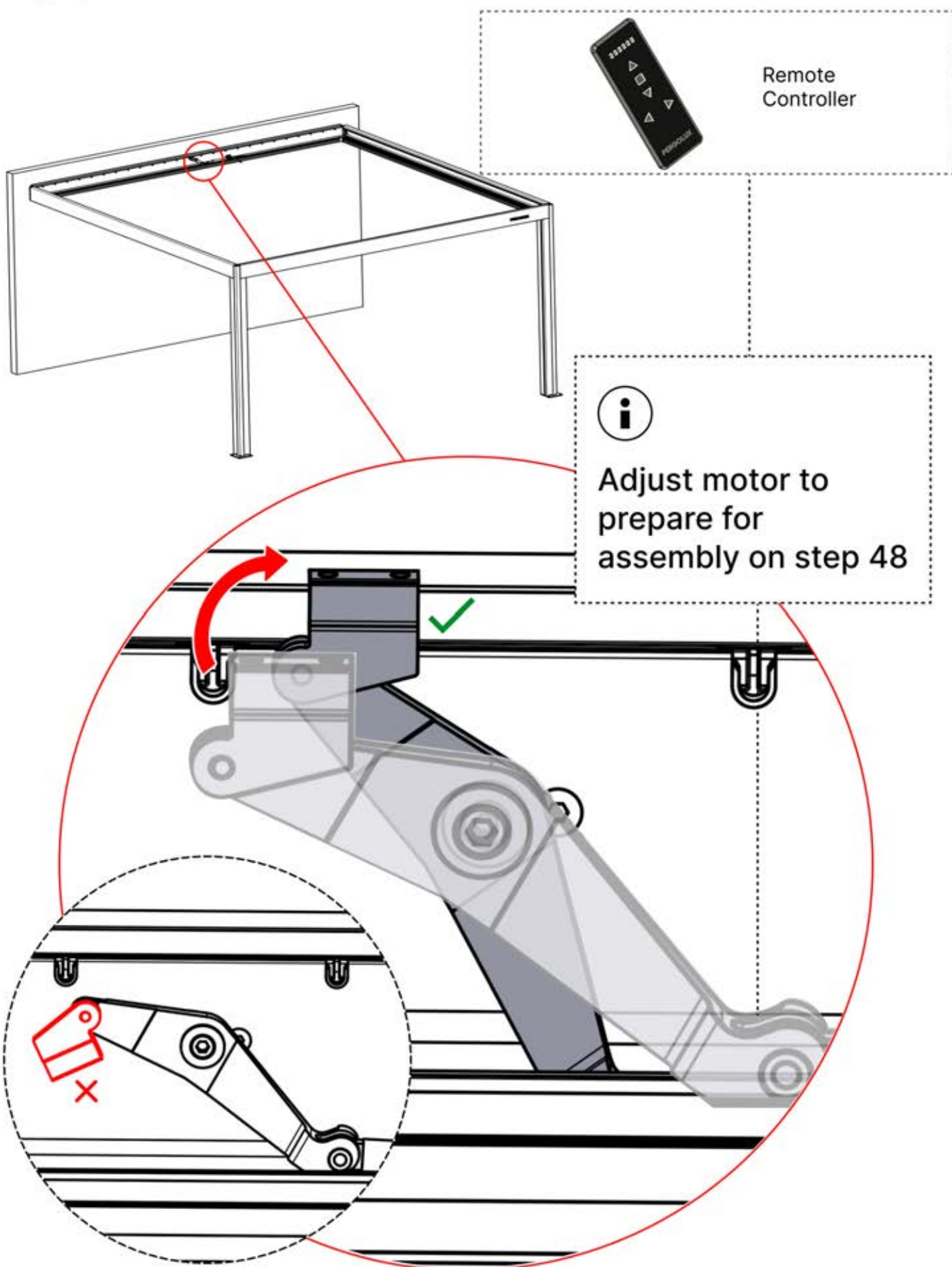


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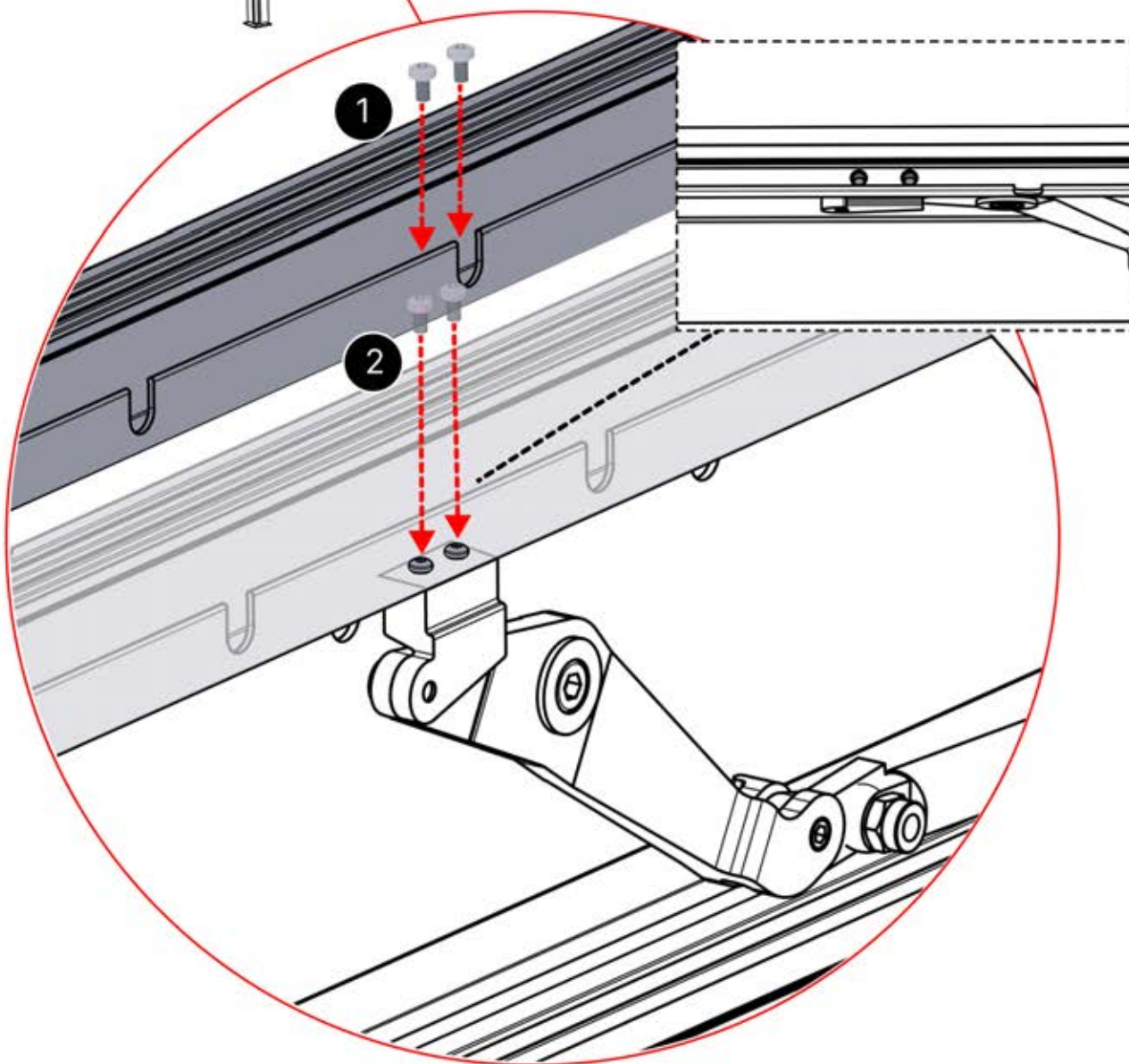
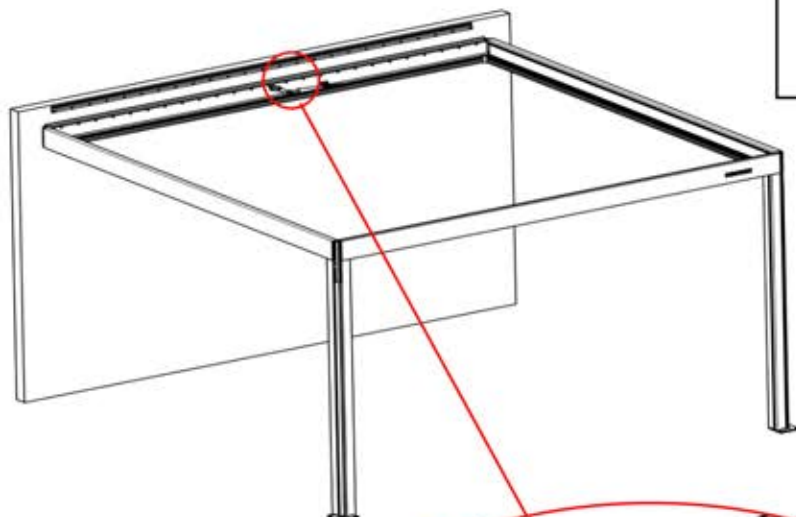
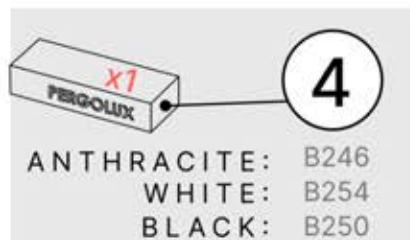
ANTHRACITE: B246
WHITE: B254
BLACK: B250



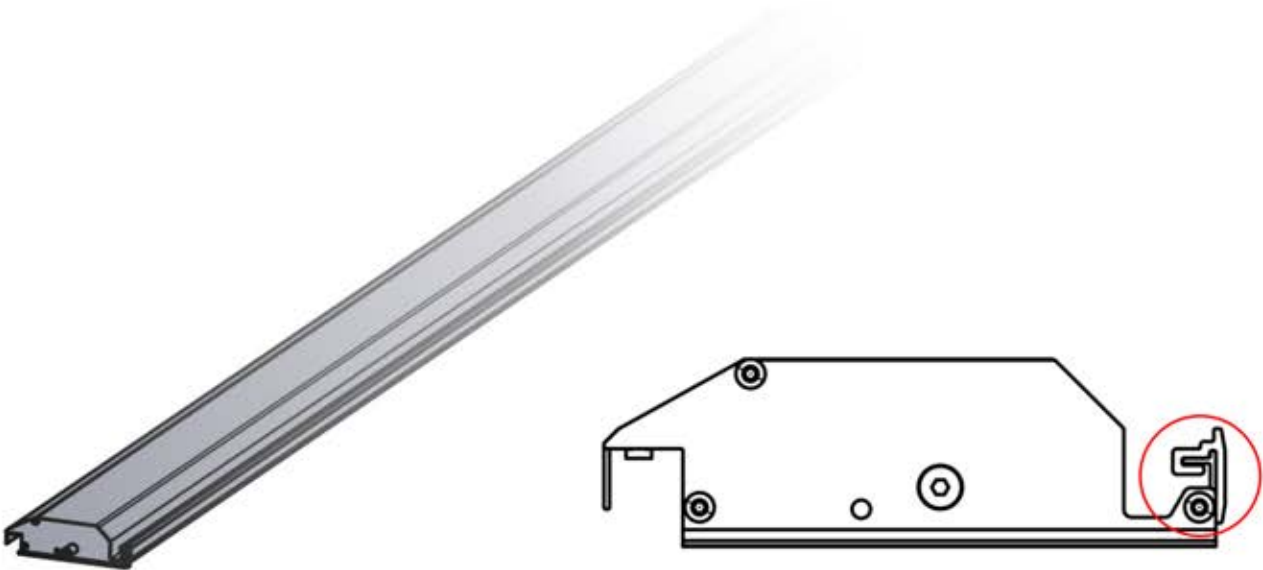
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48



ITEMS IN BOX



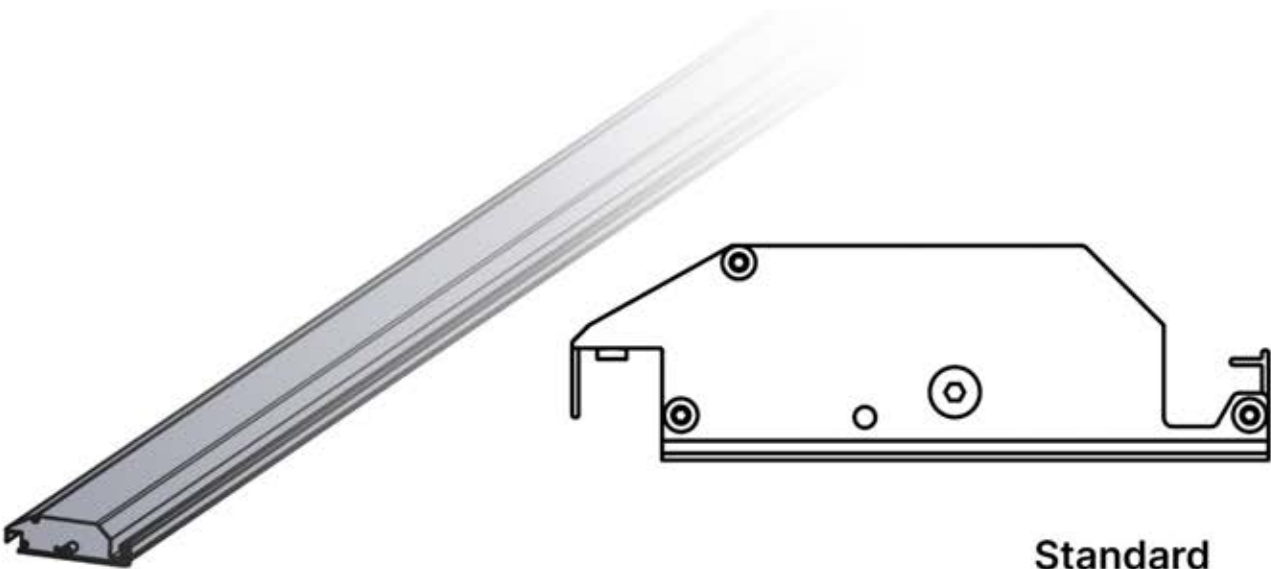


3

ANTHRACITE: L234
WHITE: L238
BLACK: L236

PLR 150 G2 PRO LOUVER END FS 4M
PACKAGE
PN-200002975

1x



Standard



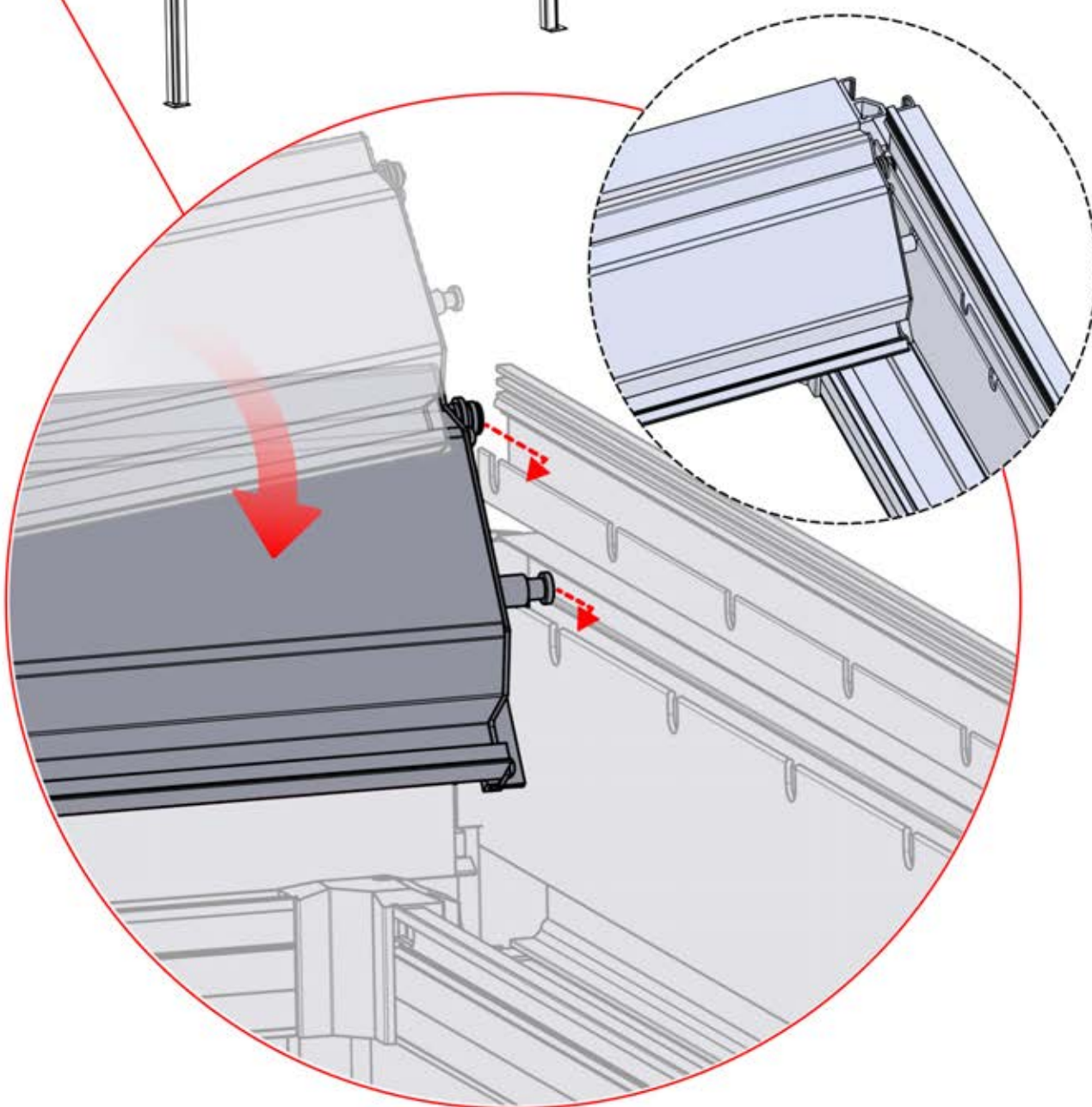
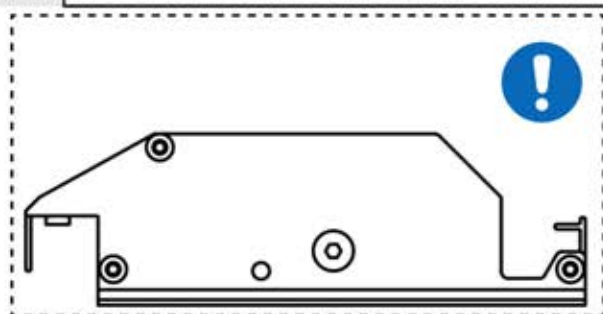
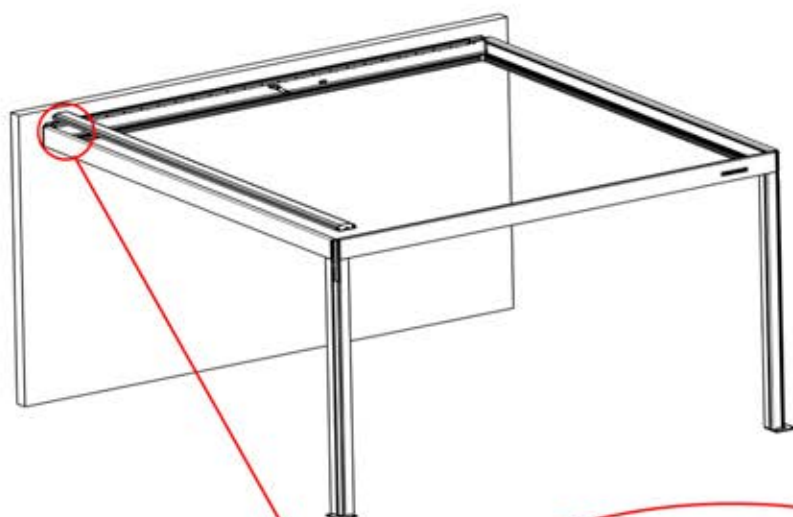
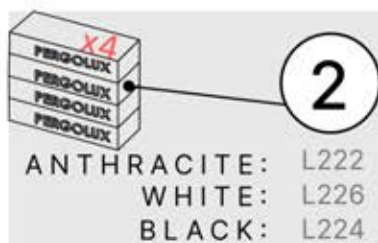
2

ANTHRACITE: L222
WHITE: L226
BLACK: L224

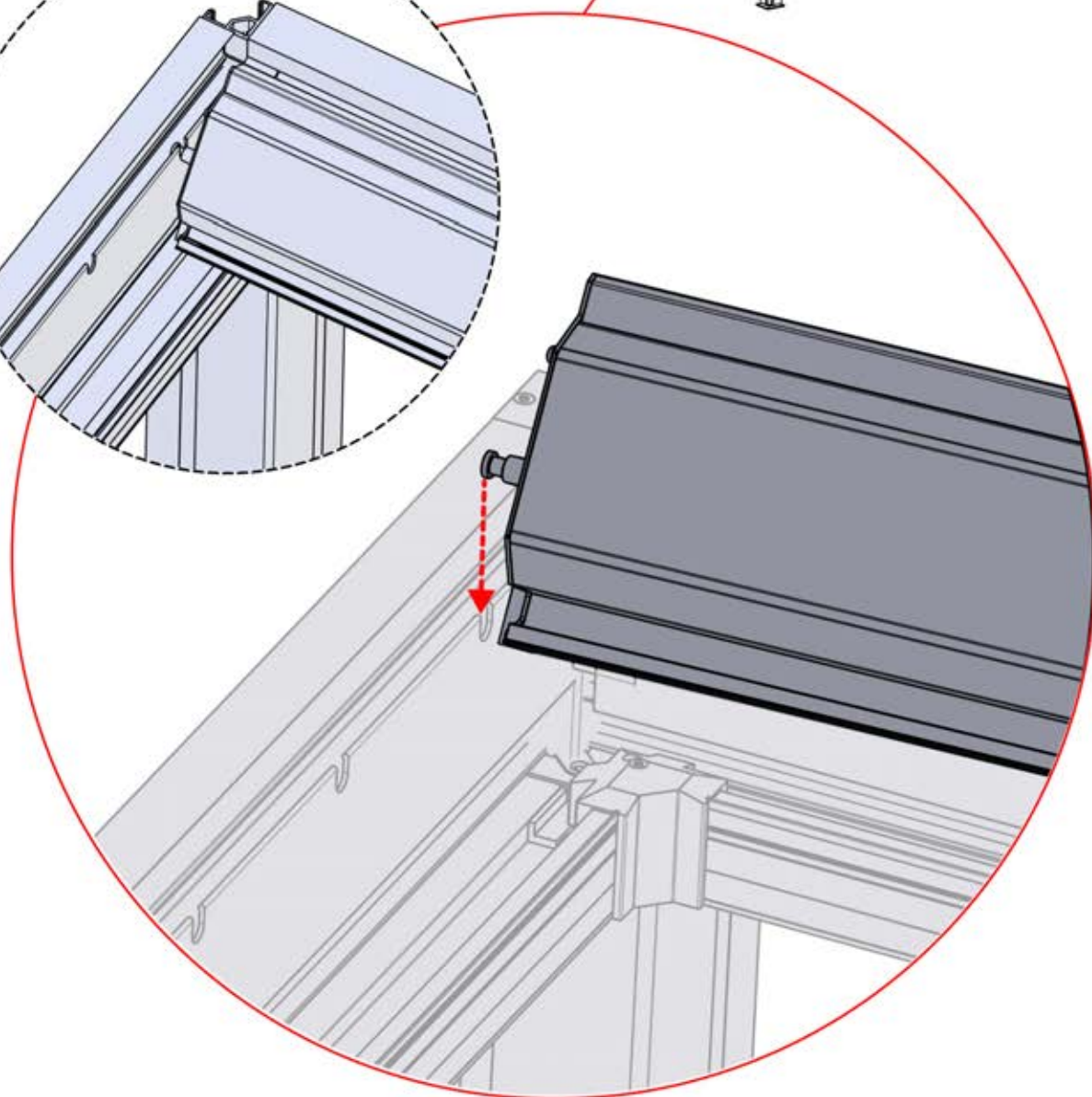
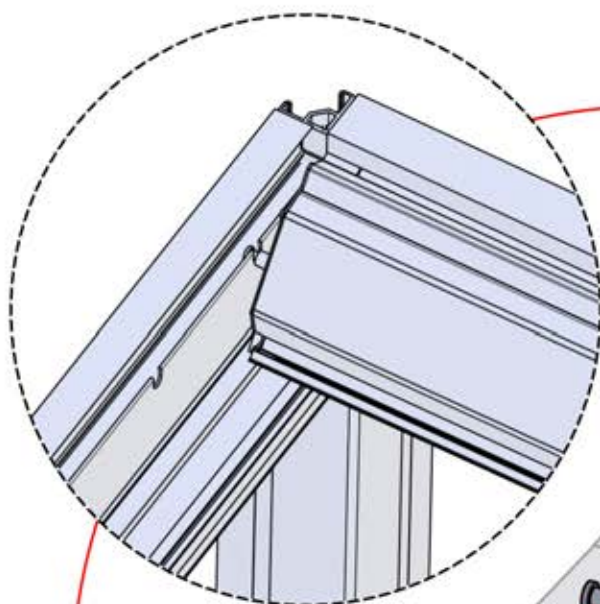
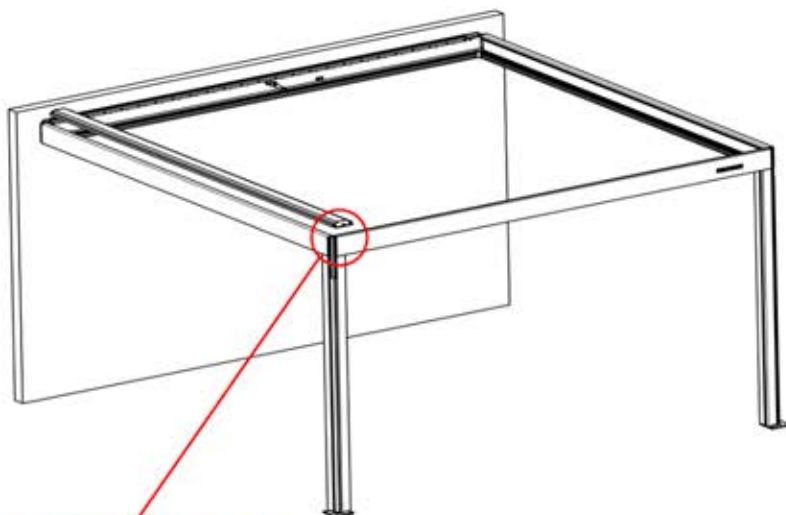
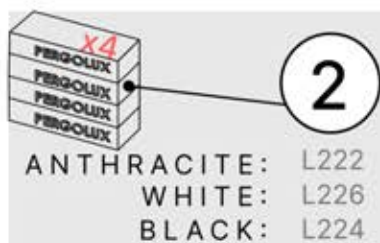
PLR 150 G2 PRO LOUVER STD FS 4M
PACKAGE
PN-200002883

30x

49



50



51

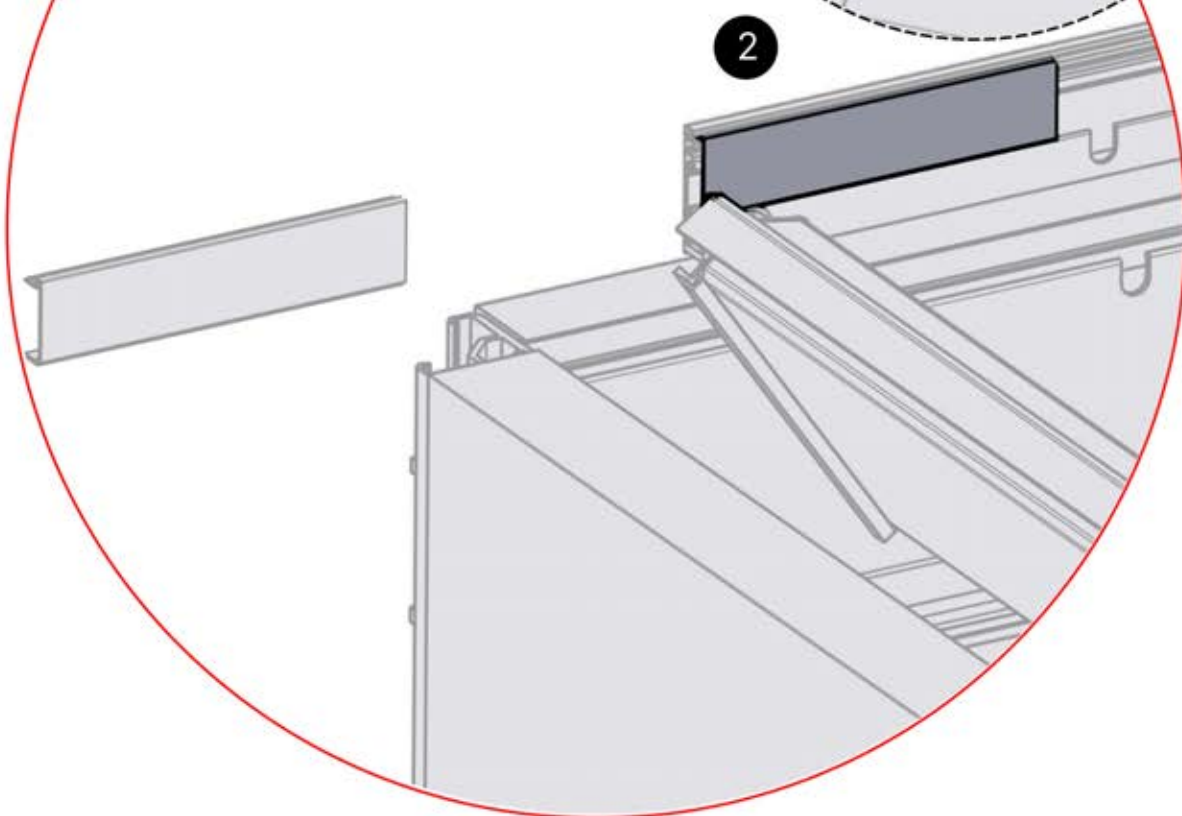
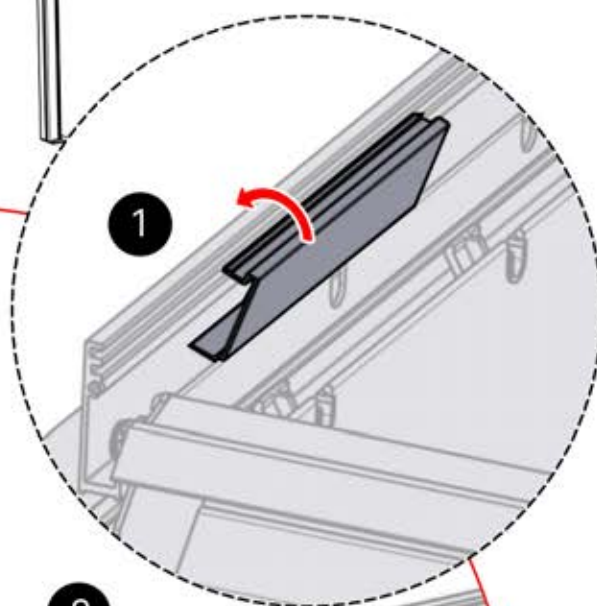


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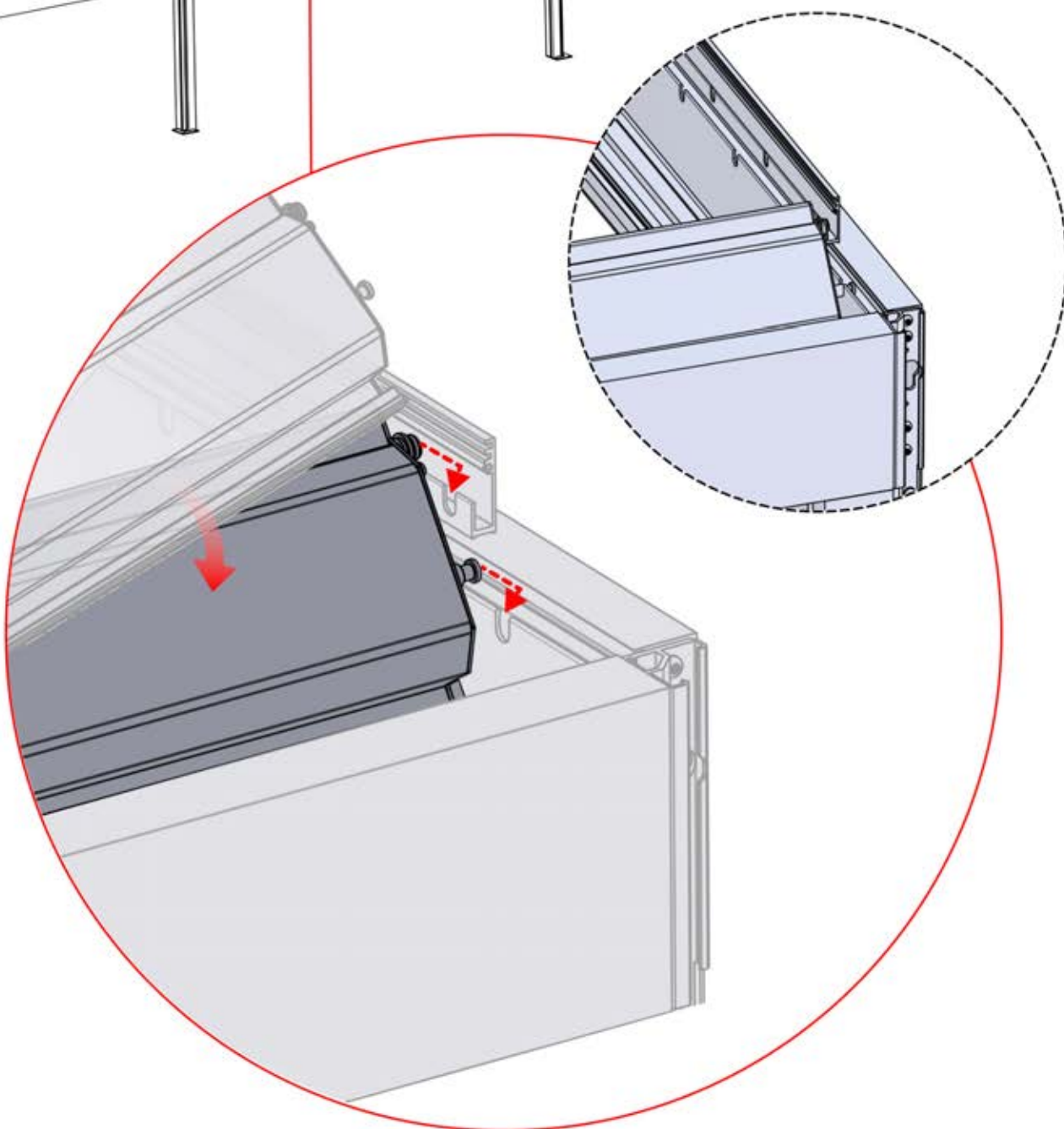
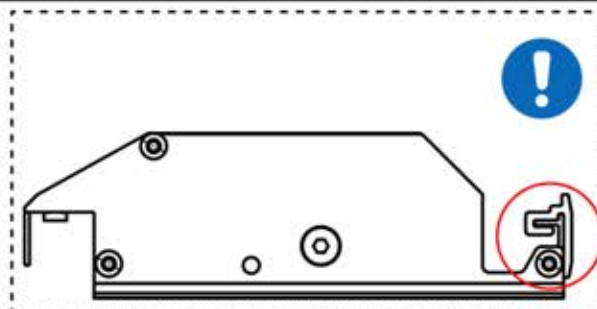
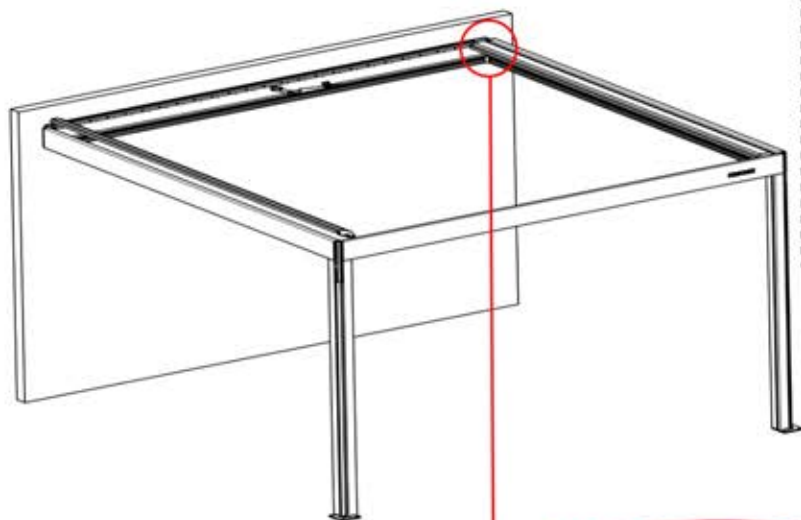
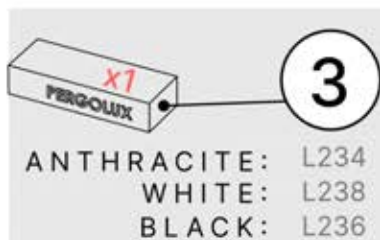
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BLACK: B250

PN-200003033

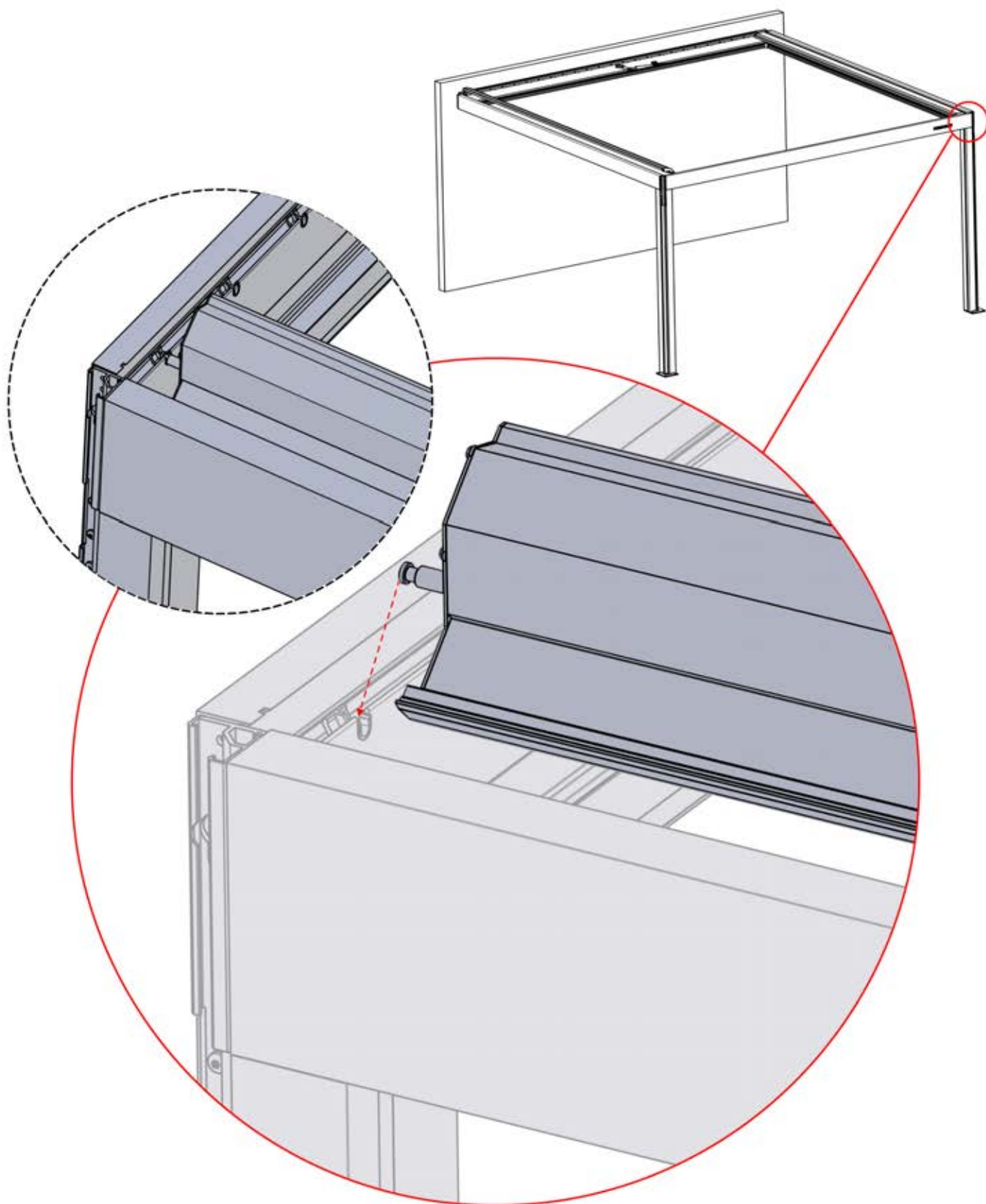
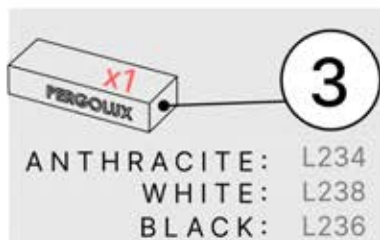
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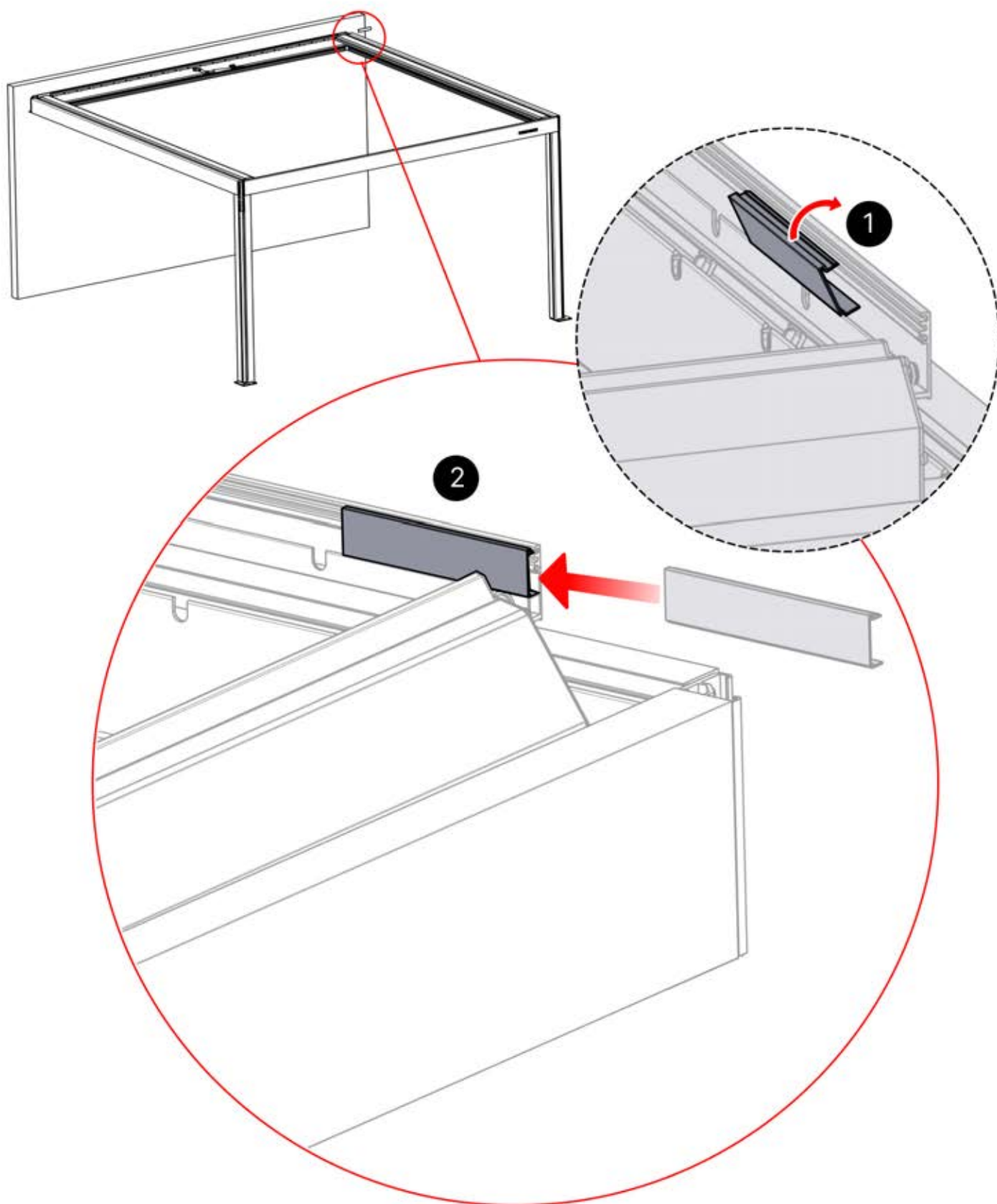
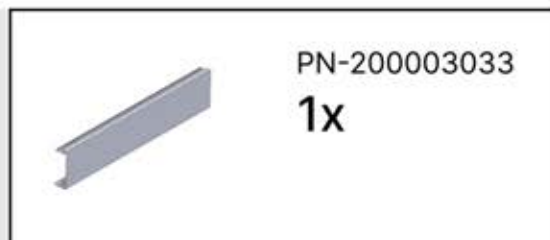
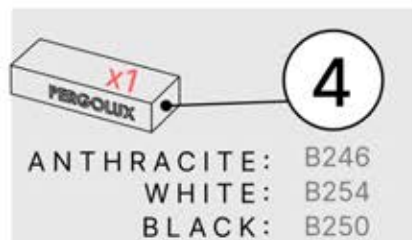
52



53



54



55



3

ANTHRACITE: L234
WHITE: L238
BLACK: L236

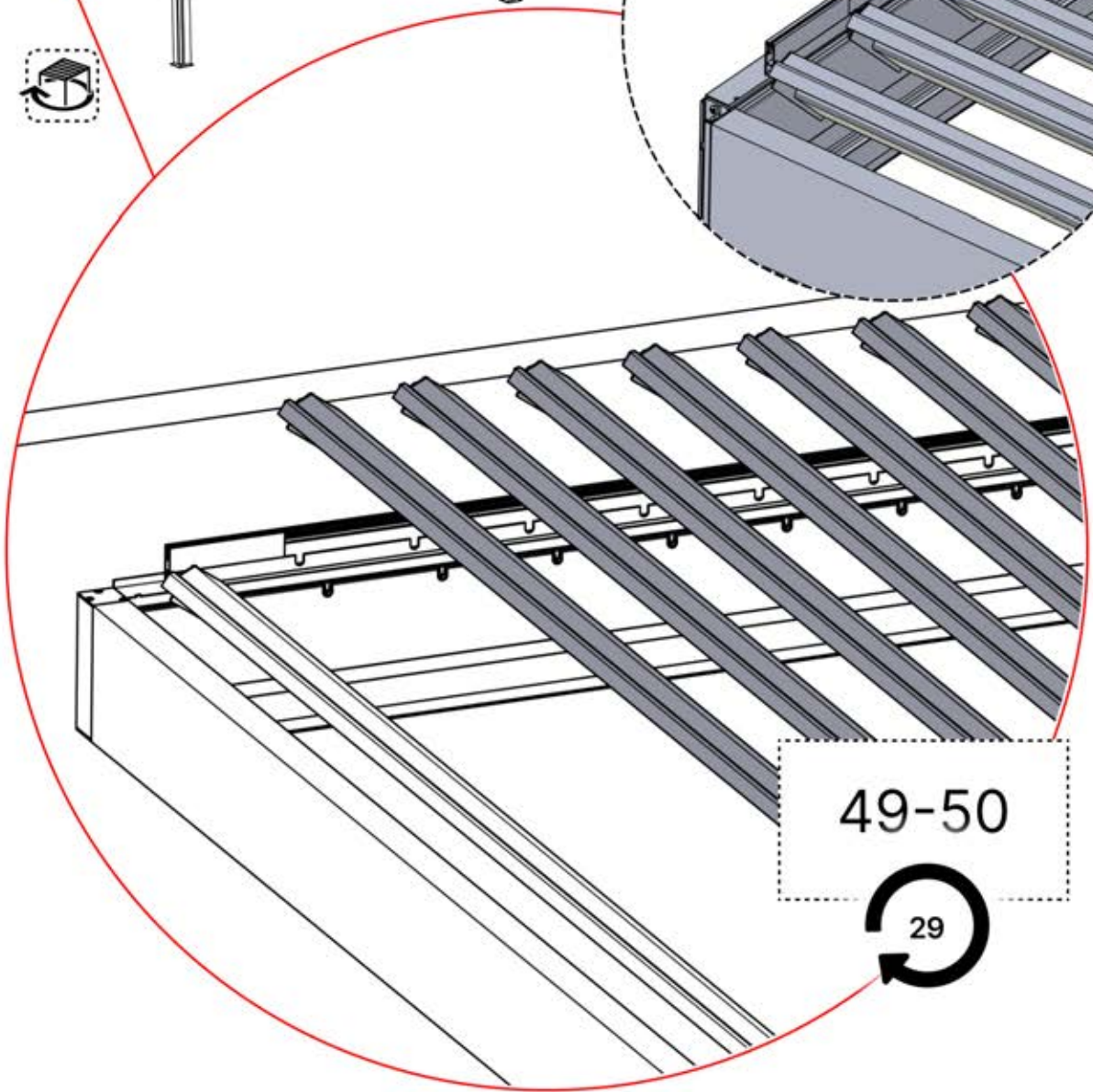
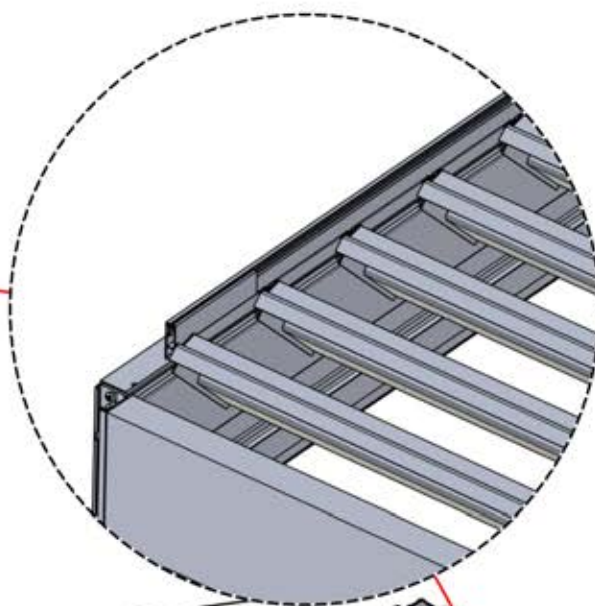
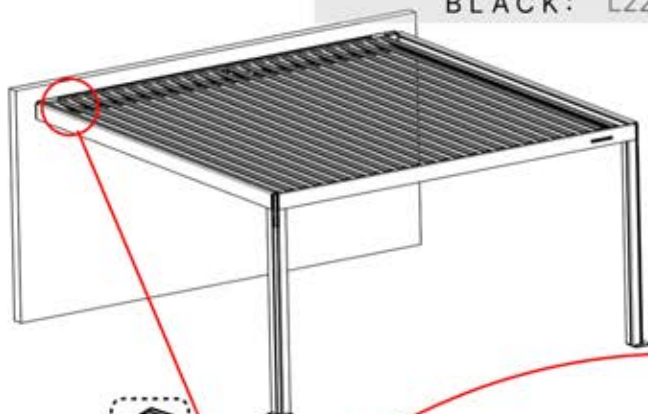


2

ANTHRACITE: L222
WHITE: L226
BLACK: L224



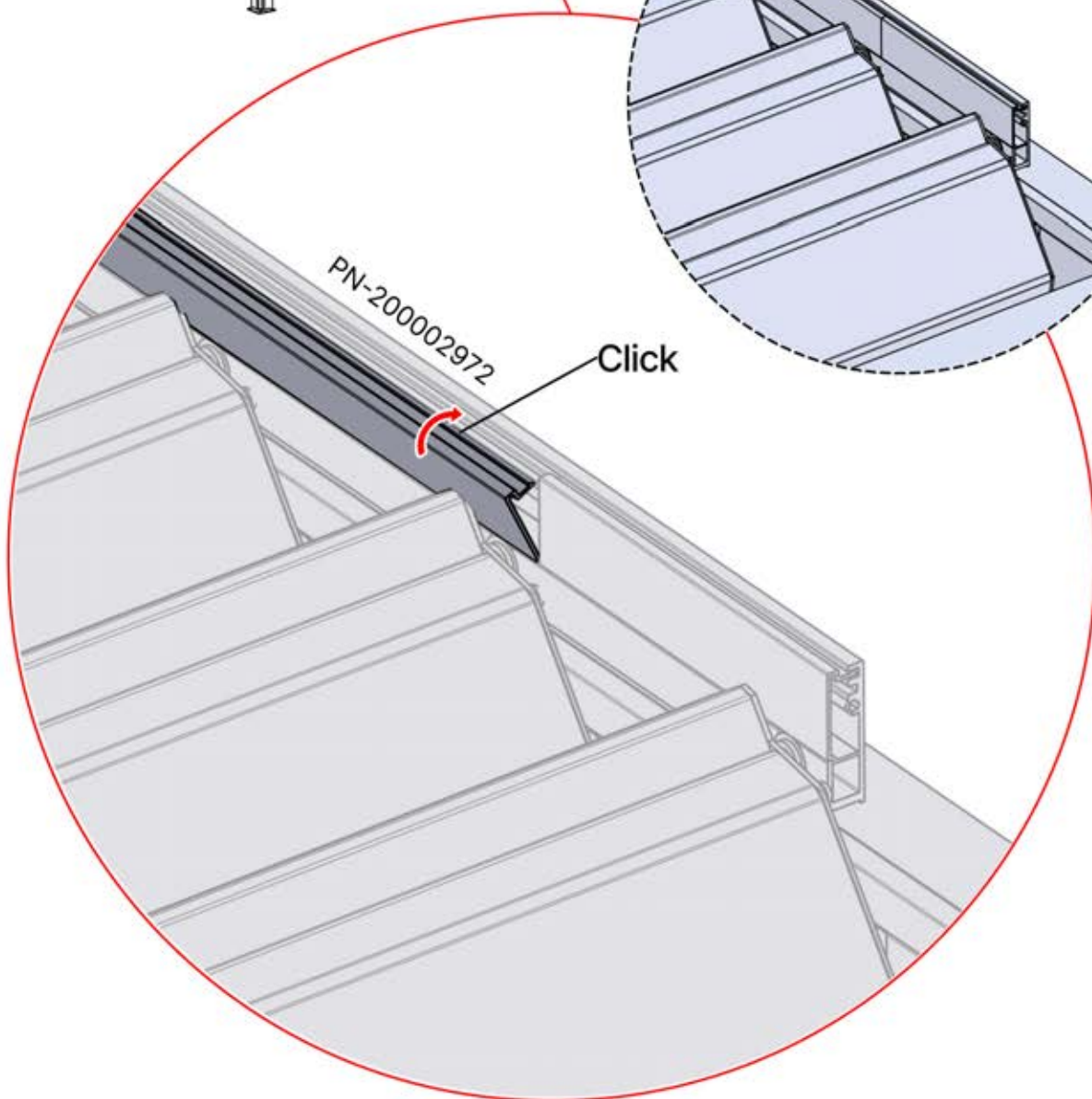
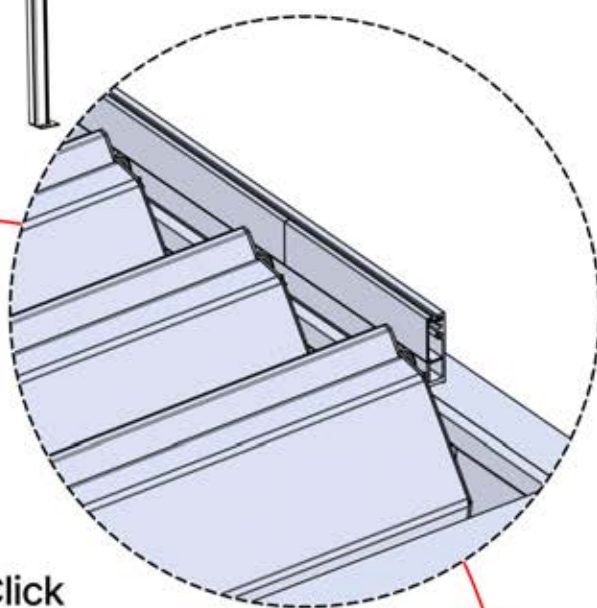
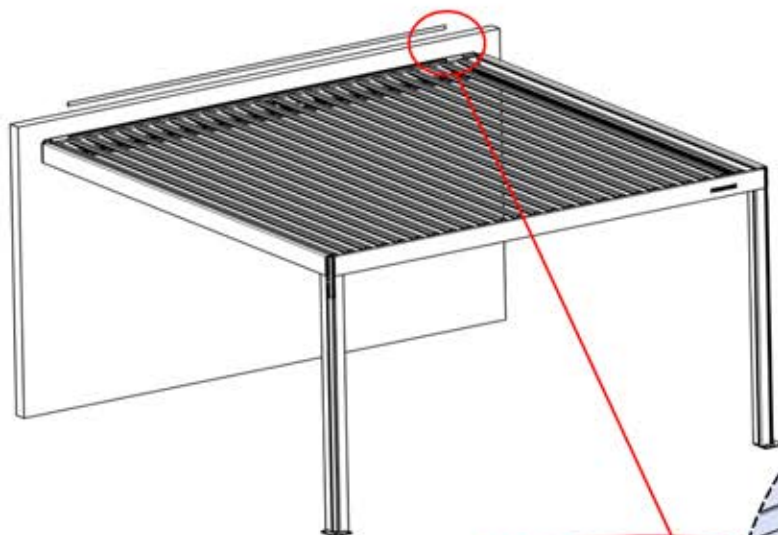
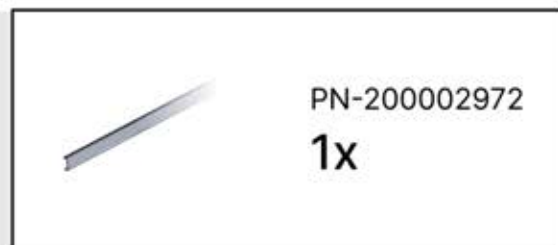
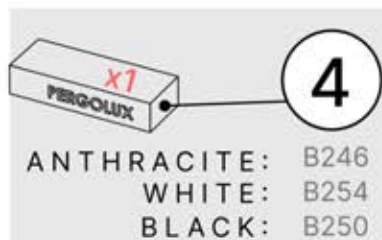
PN-200002883
29x



49-50



56

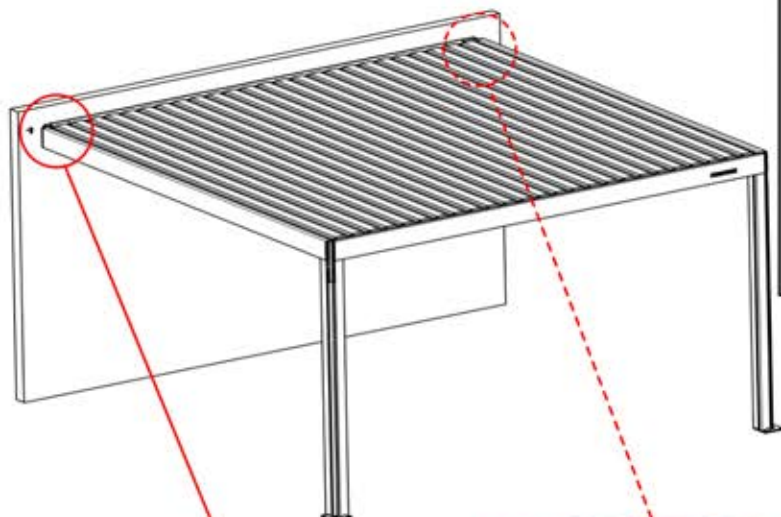


57



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



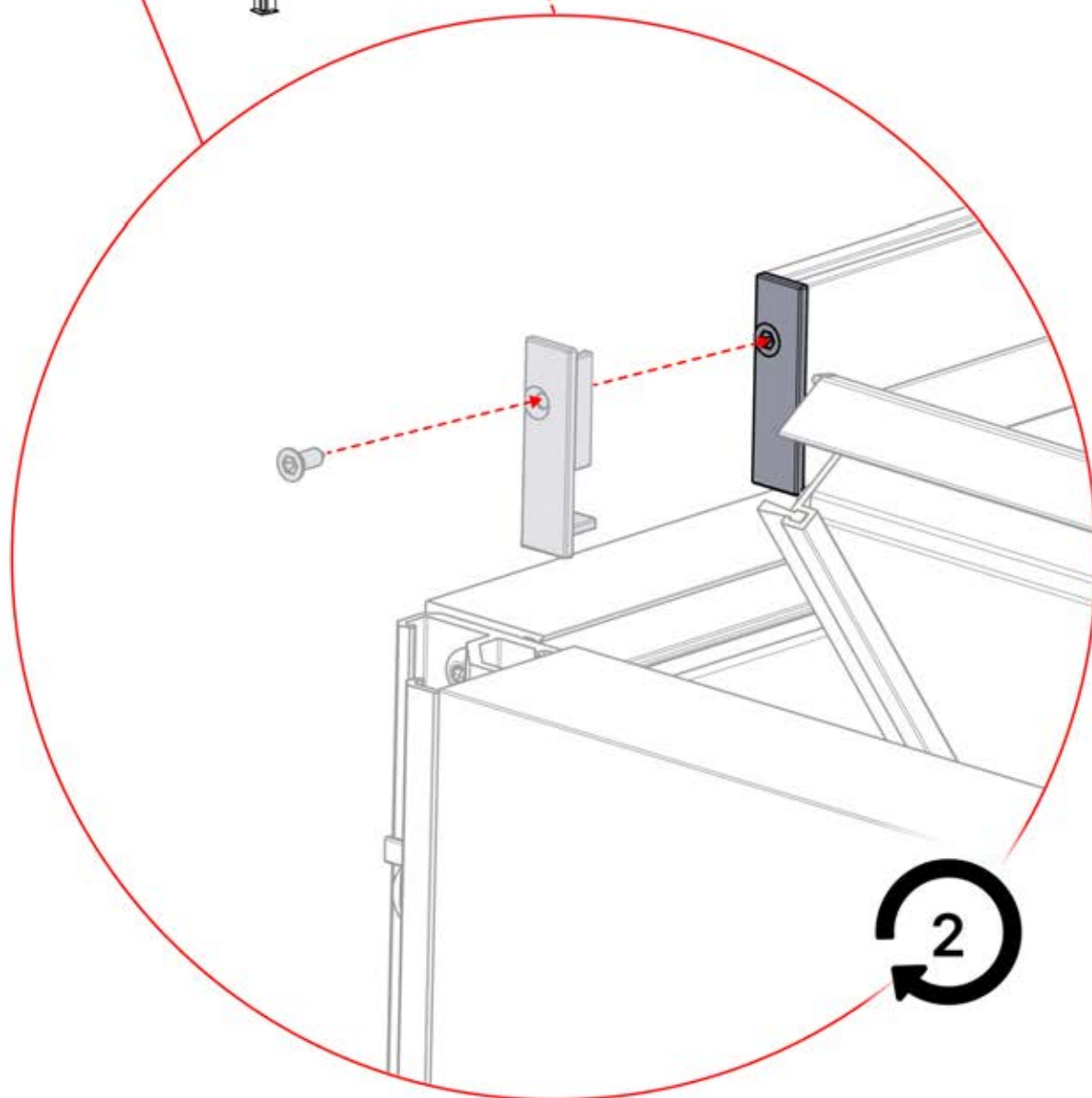
PN-200003030
1x



PN-200003031
1x



PN-200001207
2x



58



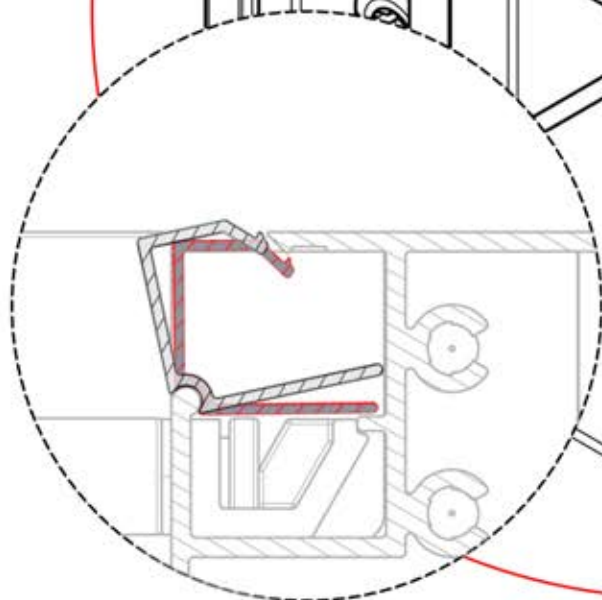
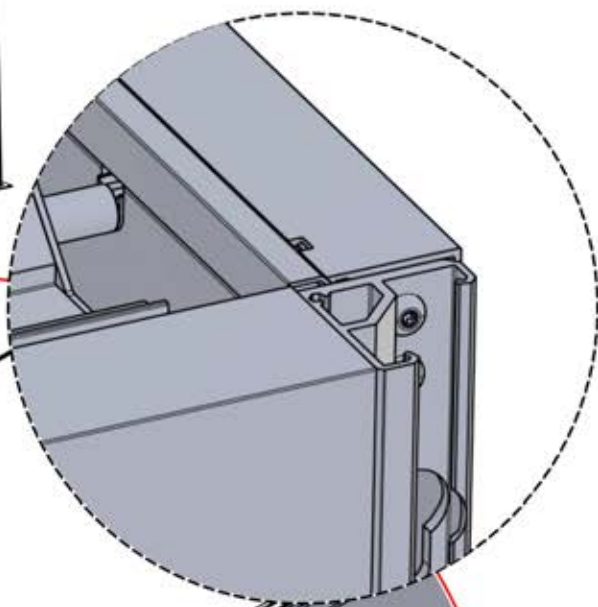
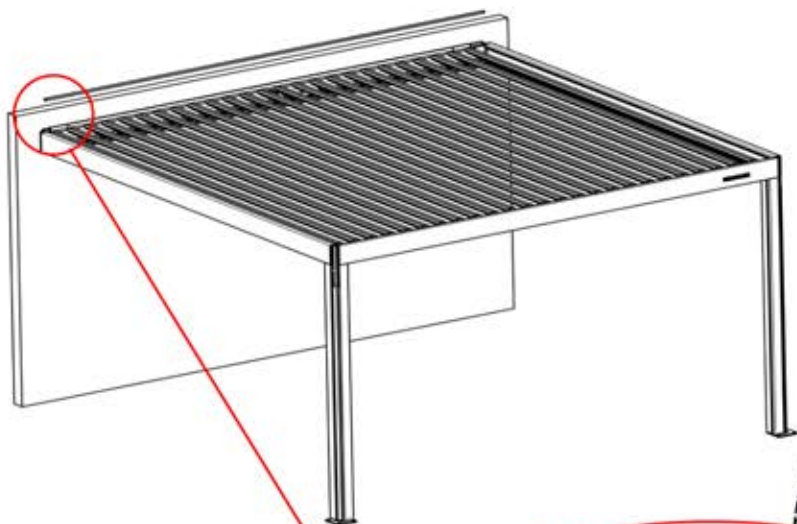
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WHITE: B254
BLACK: B250



PN-200002974

1x

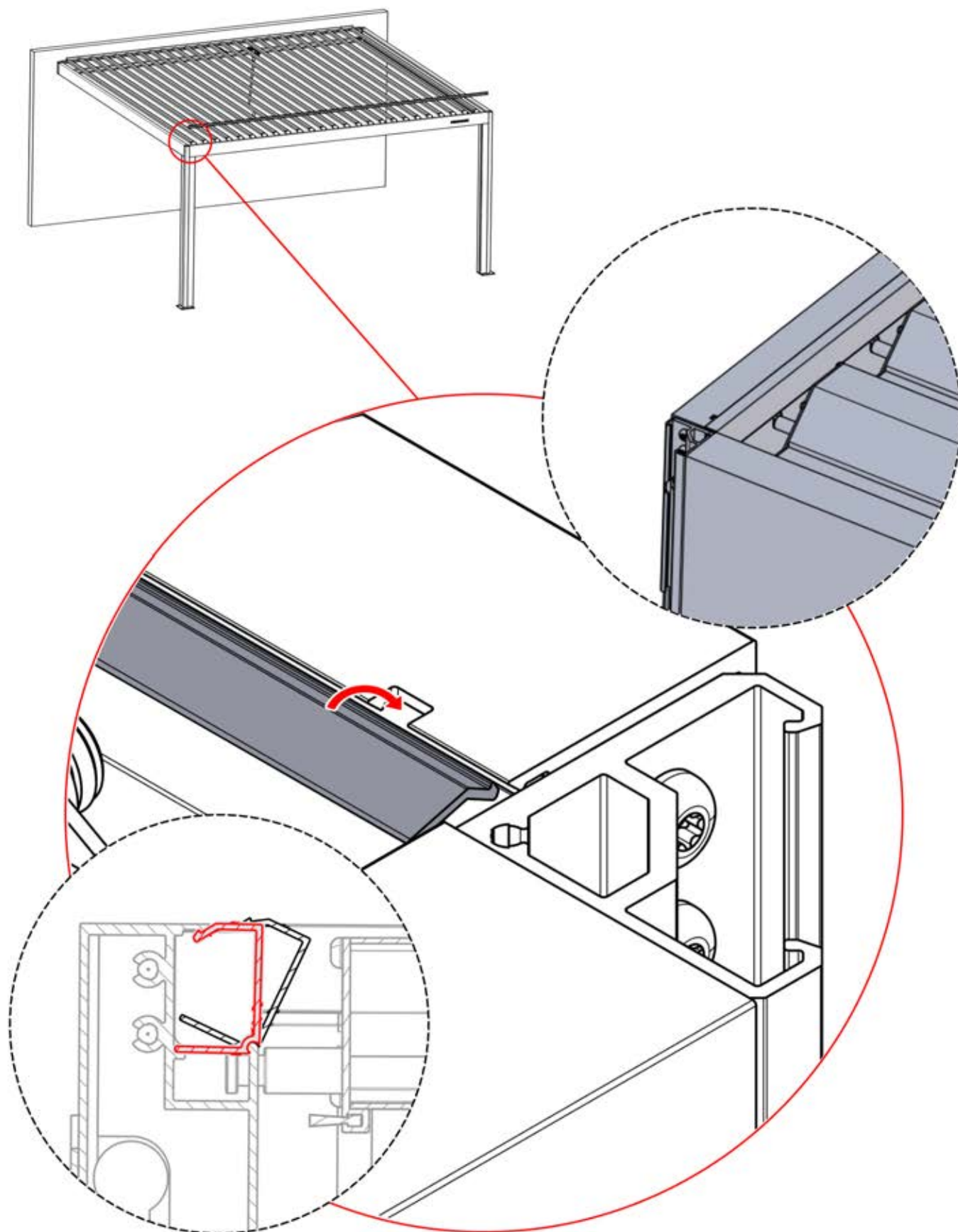
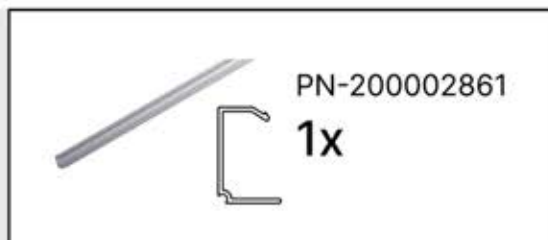


59



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



60



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



1

ANTHRACITE: C120
WHITE: C122
BLACK: C121

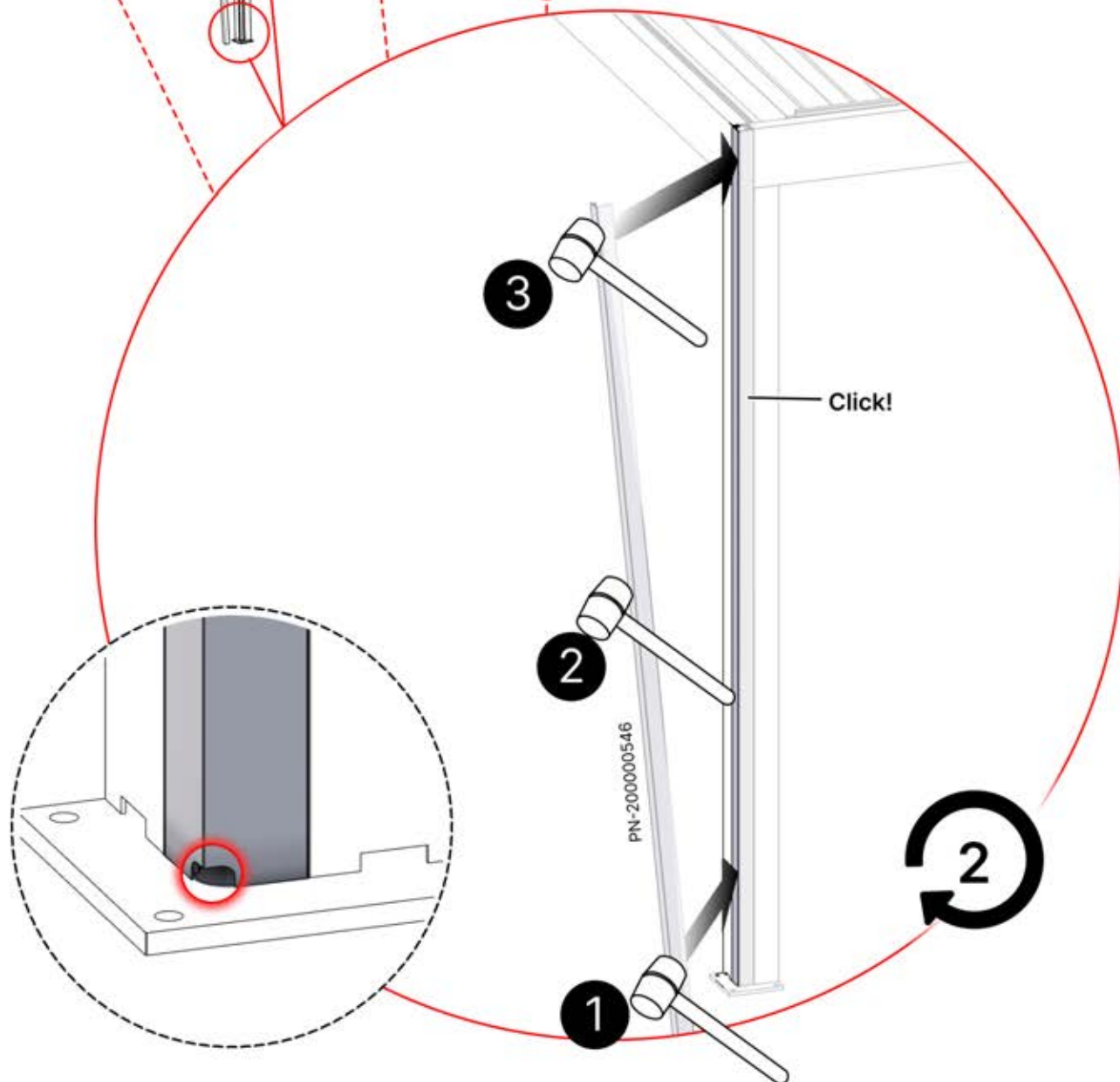
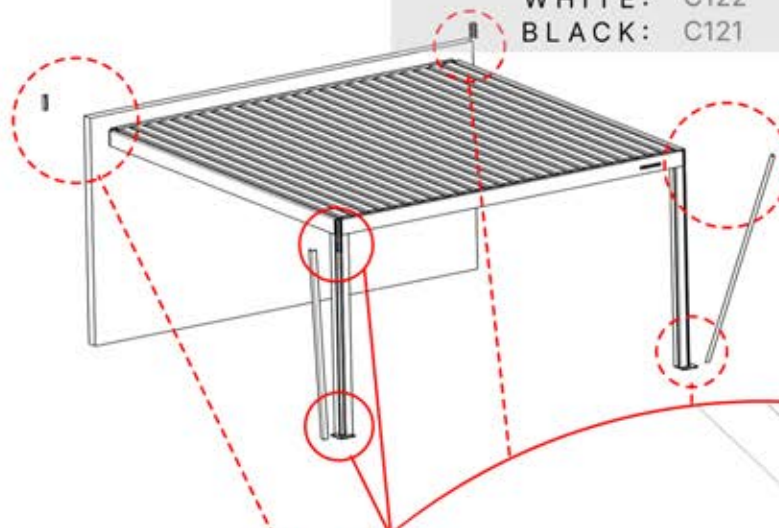
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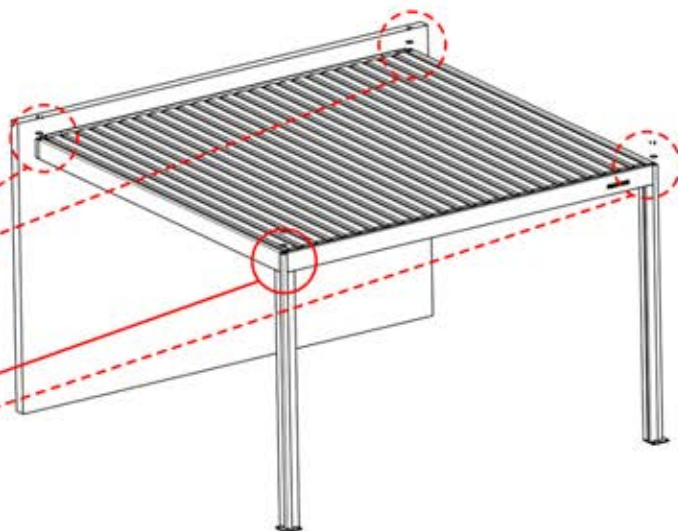
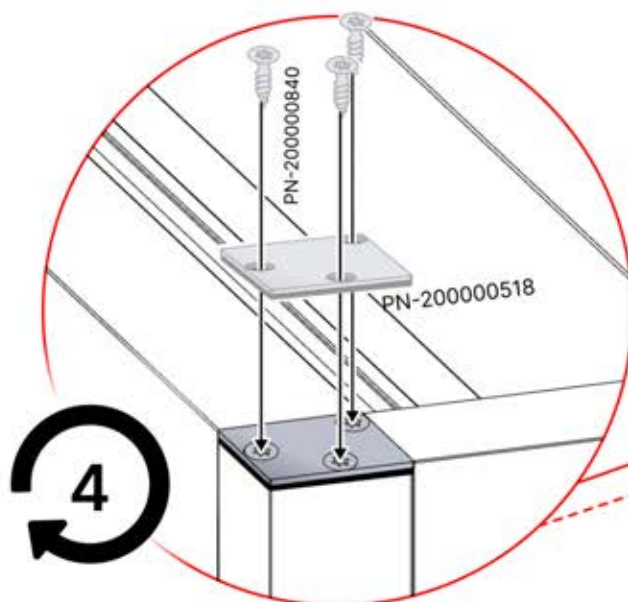
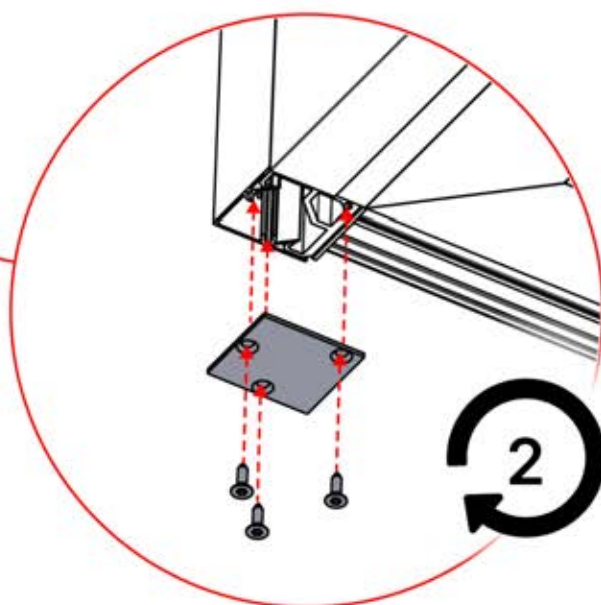
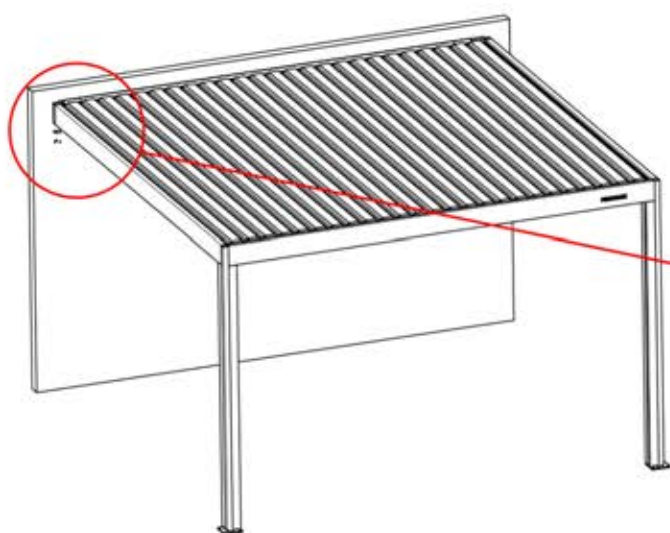
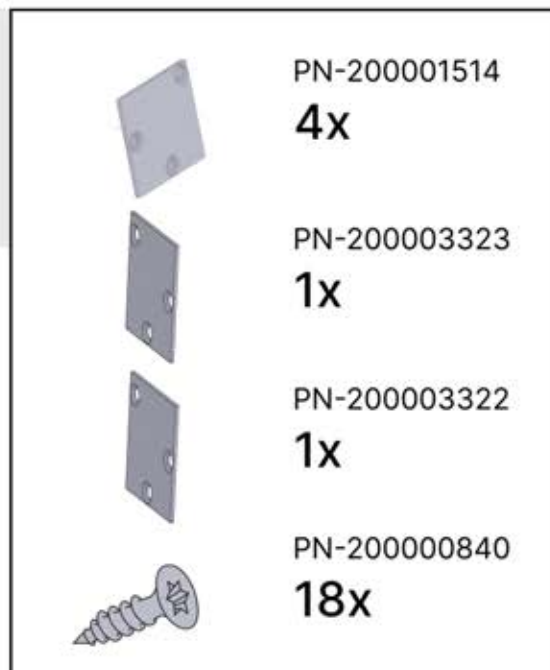
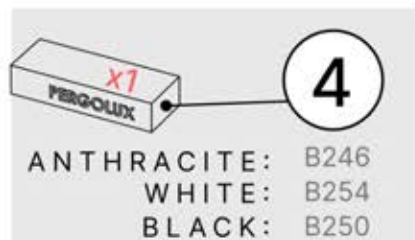


PN-200003324

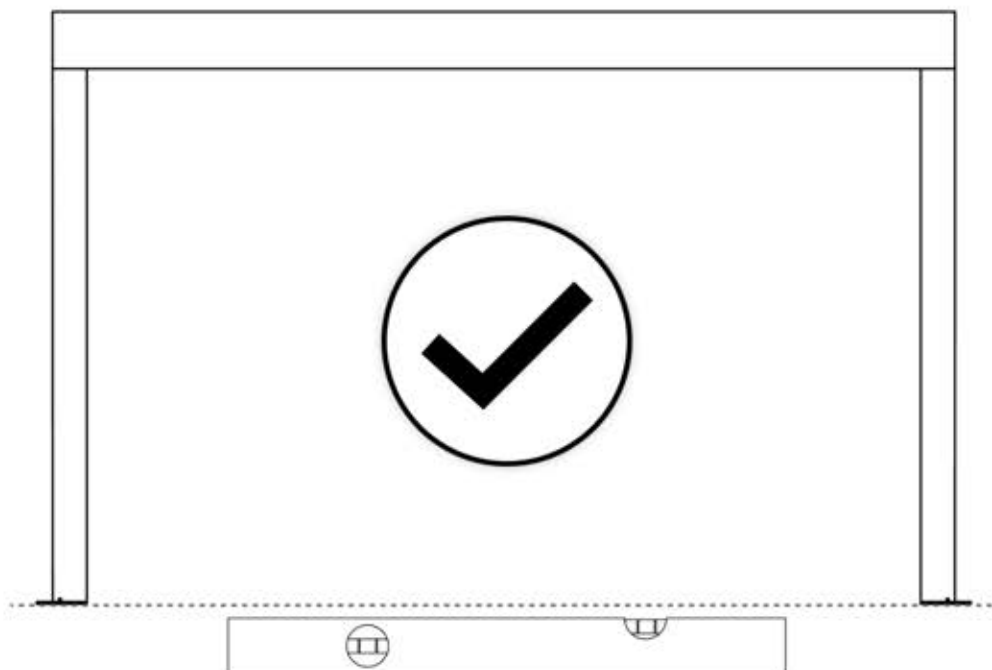
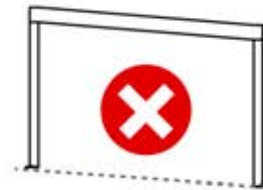
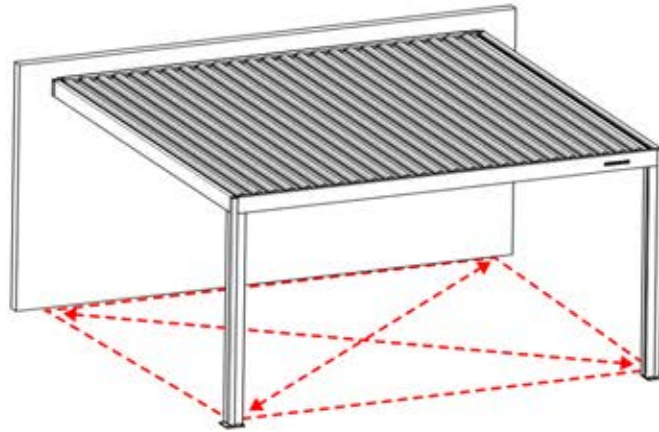
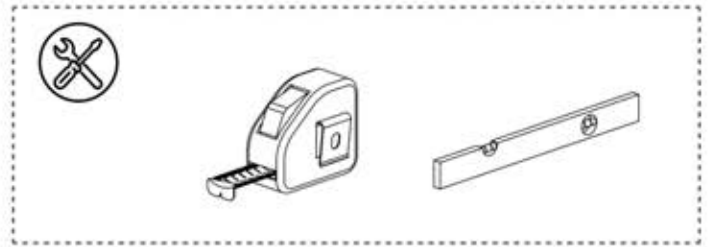
2x



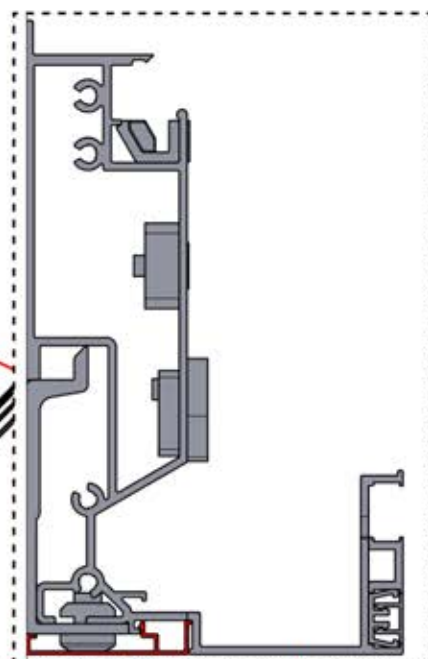
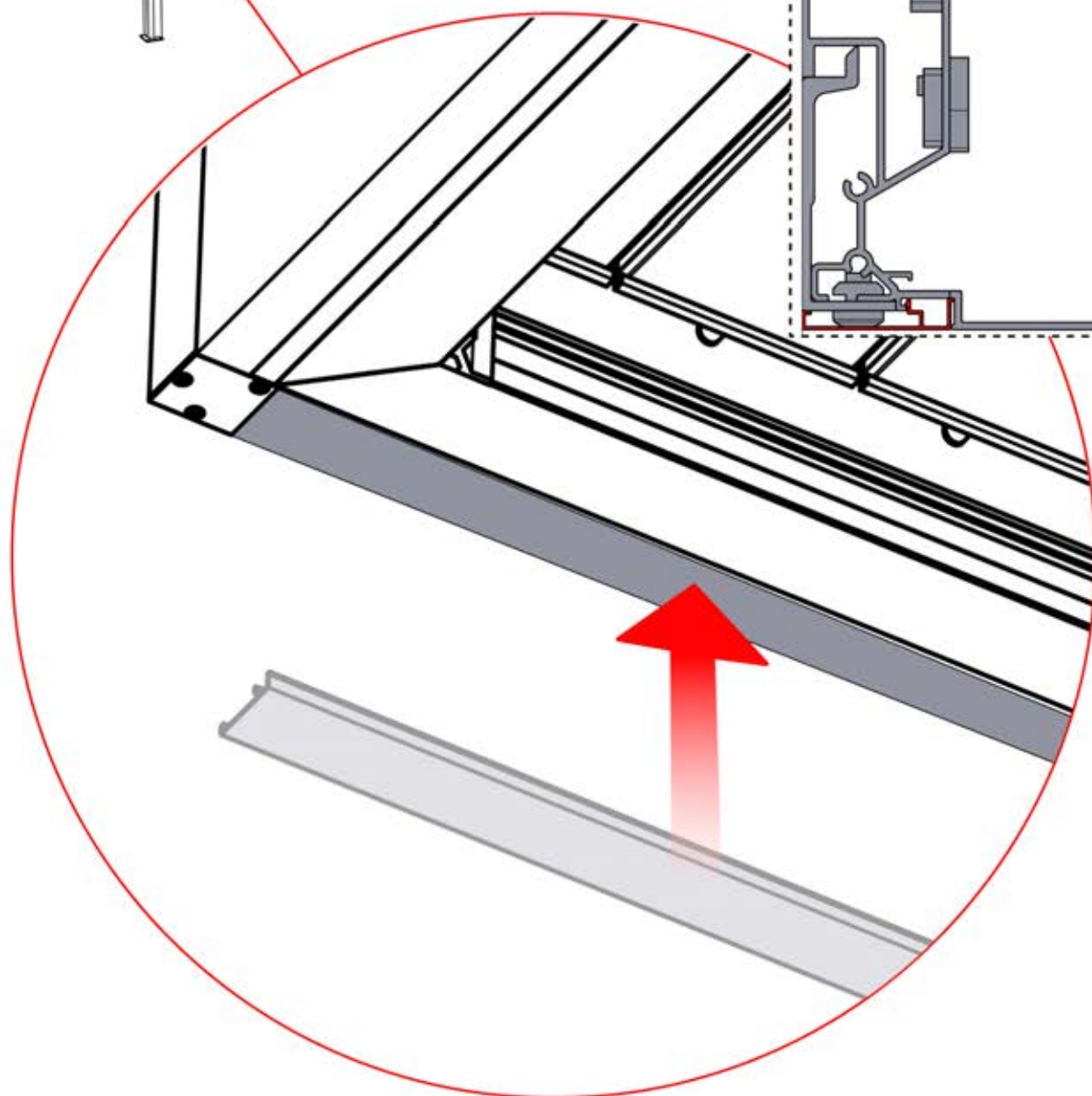
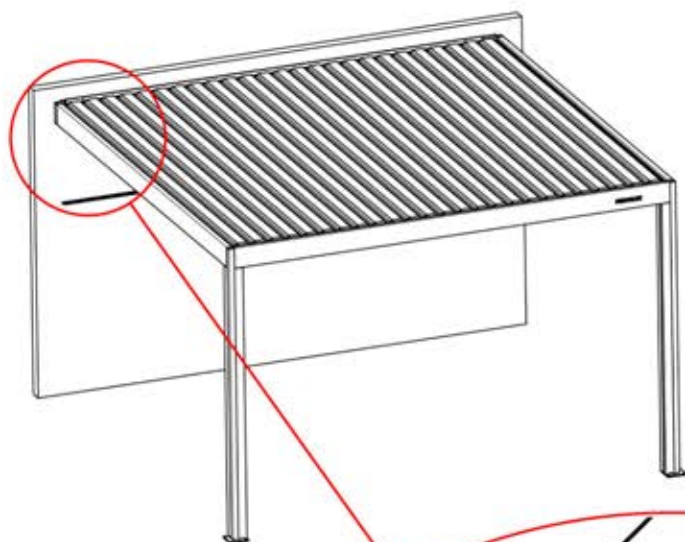
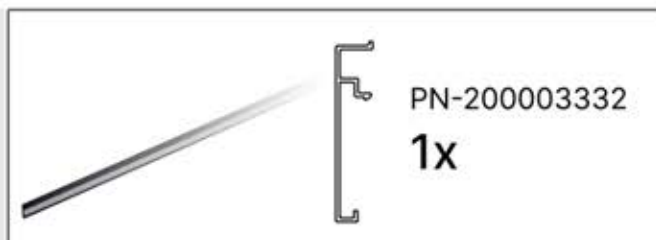
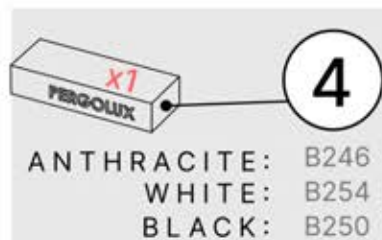
61



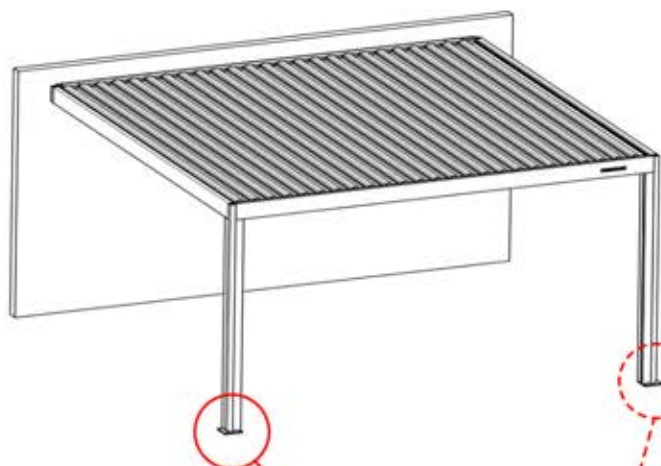
62



63



64



Use on
concrete



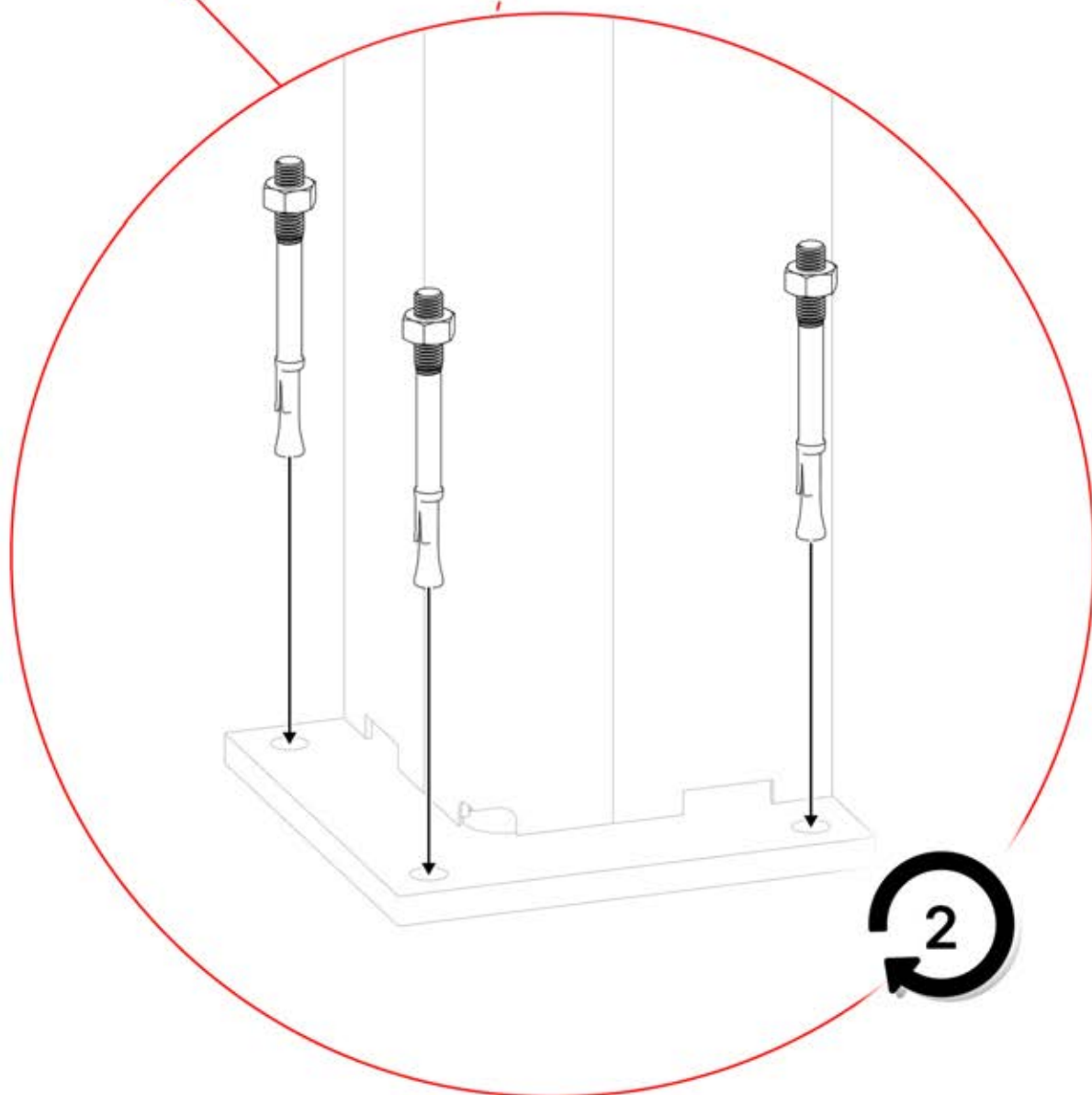
x12



Use on
wood

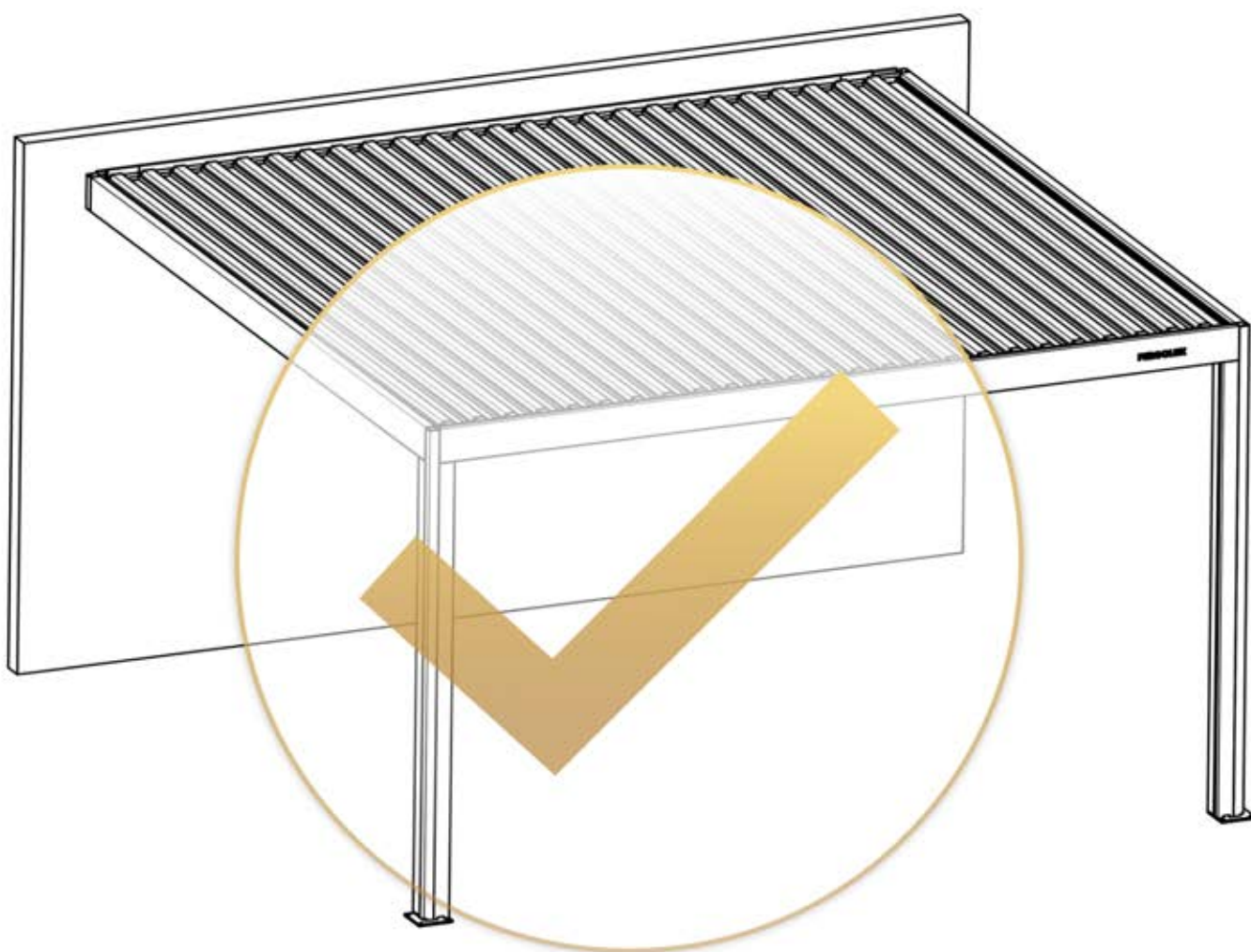


x12



PERGOLUX | PERGOLA PRO WALL MOUNTED S4

4X5M / 13'x16'



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678

