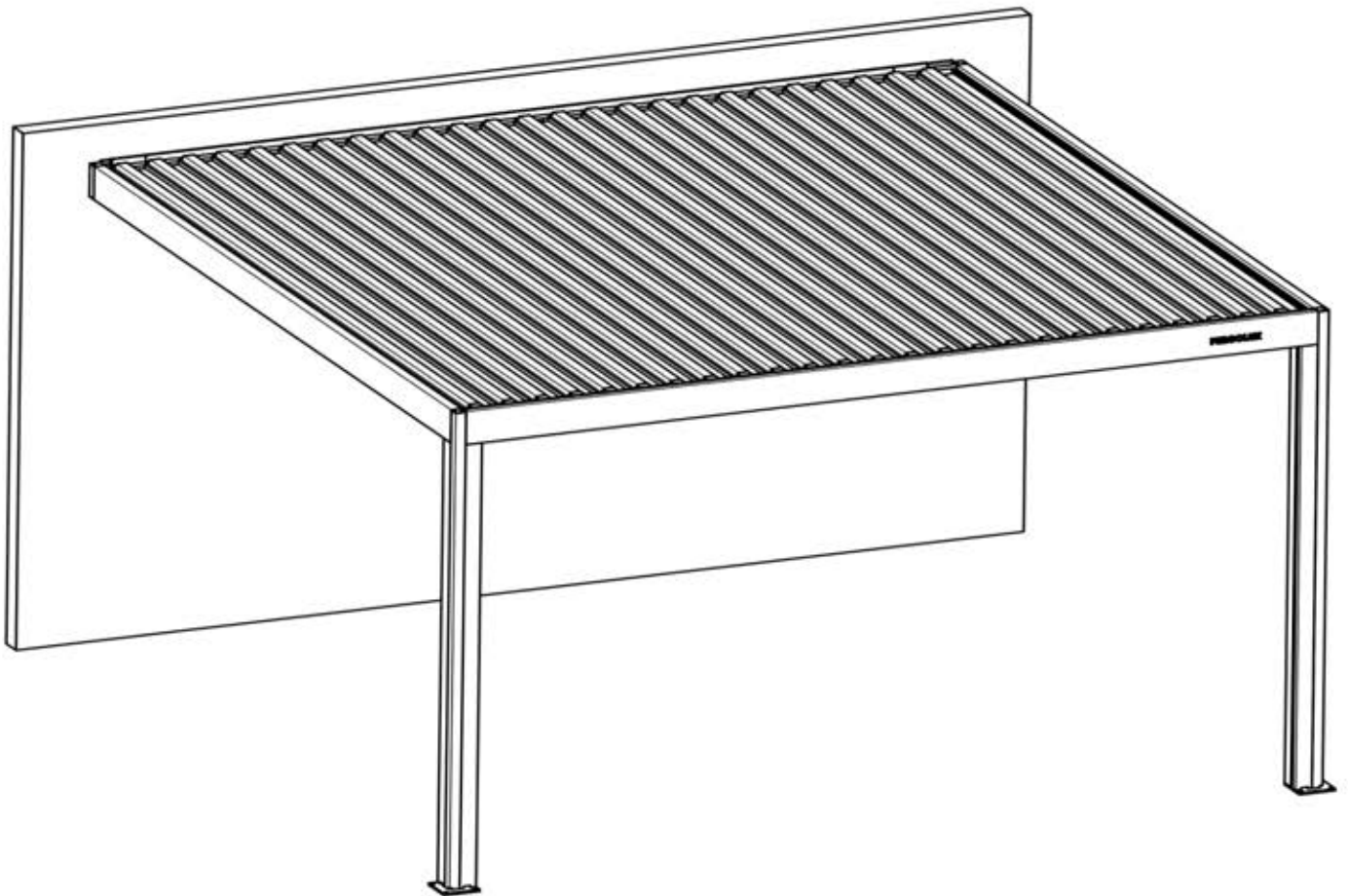


S4

PERGOLA

PRO



4 × 5m / 13' x 16'
WALL MOUNTED

PERGOLUX



Designed and
developed
in Norway



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID: 1111293124

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

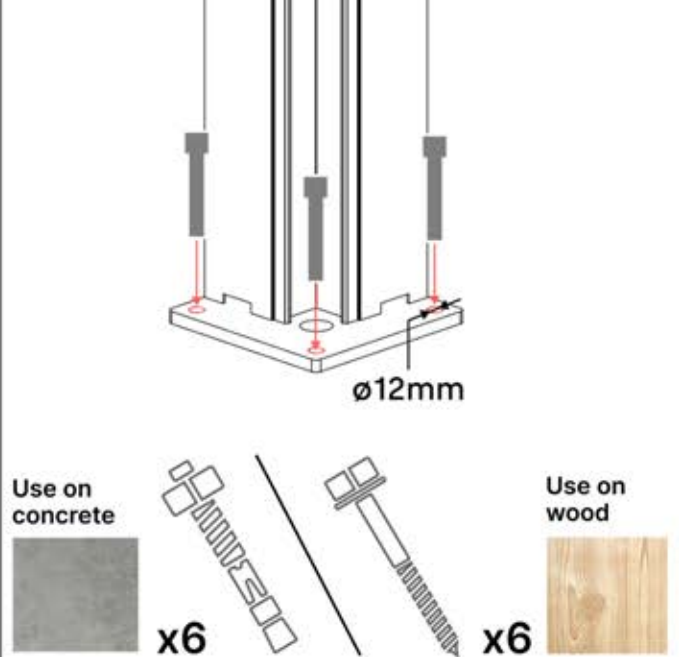


Turn around

INFORMATION



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

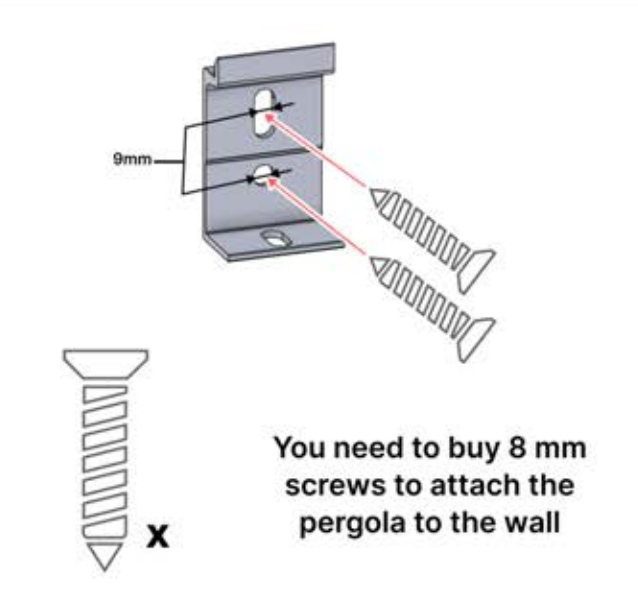


Use on concrete **x6**

Use on wood **x6**

Ø12mm

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

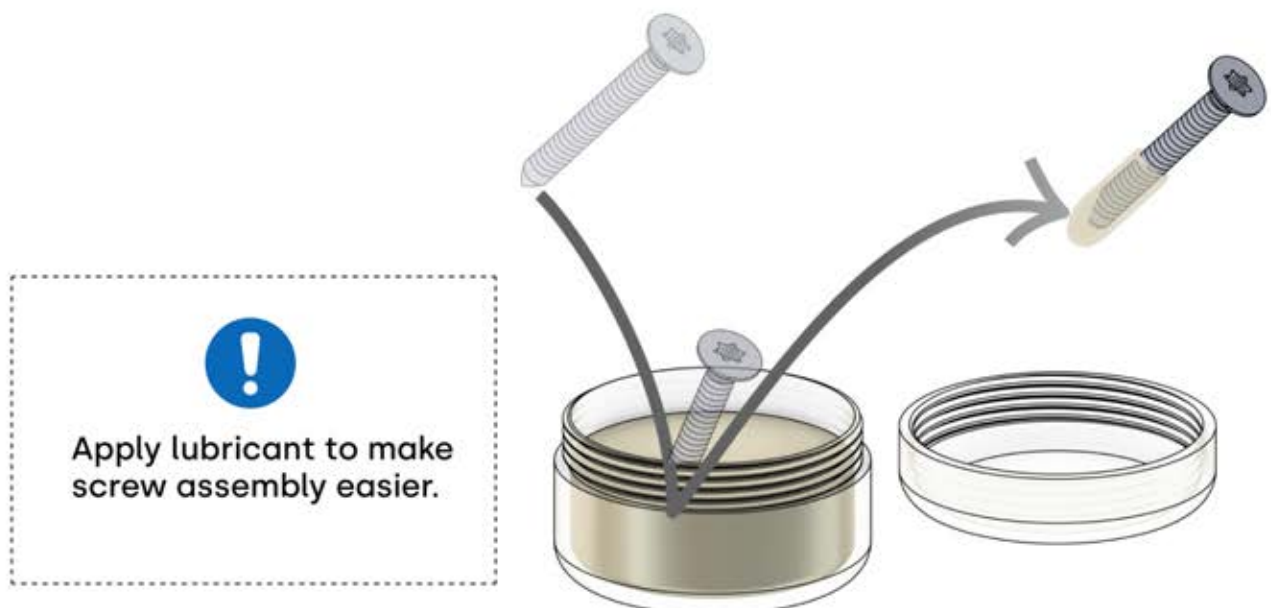


SHOP

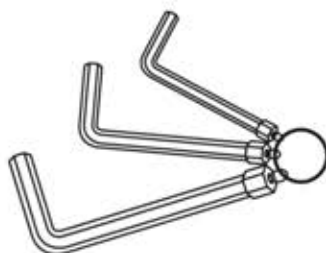
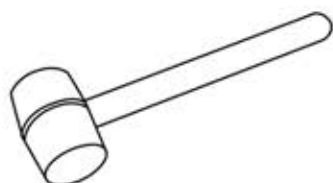
INFORMATION

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

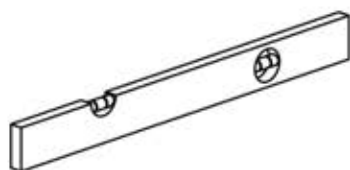
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION



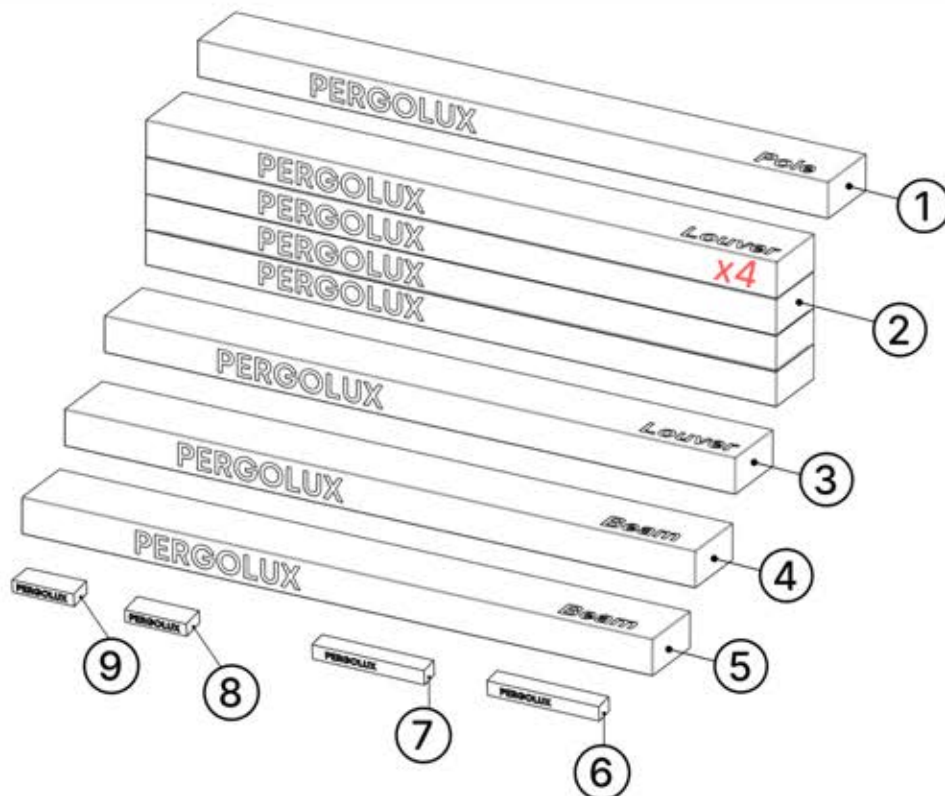
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30





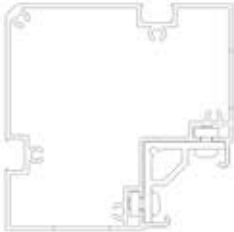



PACKAGE OVERVIEW




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

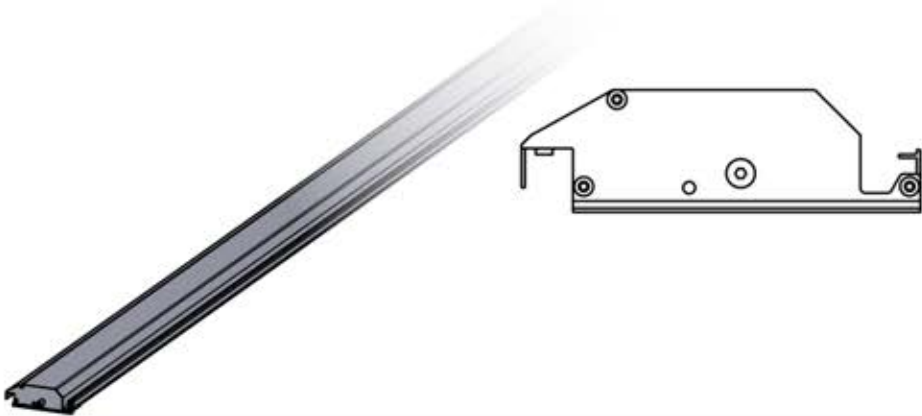
	ANTHRACITE	WHITE	BLACK
	1	C120	C122

		PN-200002606 2x
		PN-200003386 2x
		PN-200002614 2x


ITEMS IN BOX



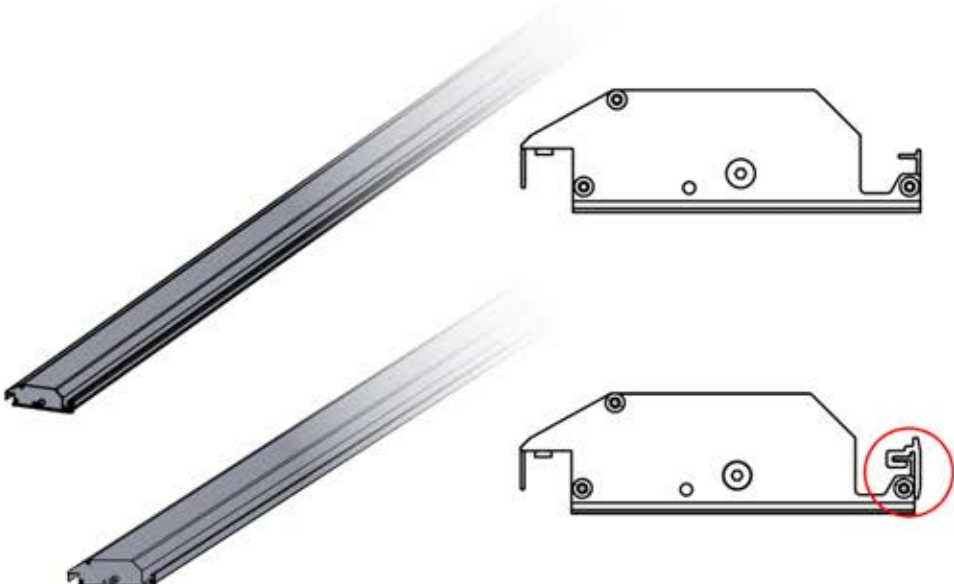
	ANTHRACITE	WHITE	BLACK
2	L222	L226	L224



PN-200002883
24x




	ANTHRACITE	WHITE	BLACK
3	L234	L238	L236


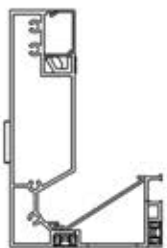

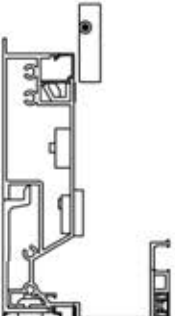



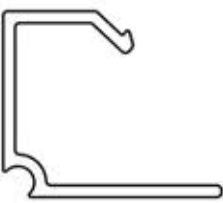




PN-200002883
6x


PN-200002975
1x

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	4	B246	B254

		PN-200003354 1x
		PN-200003387 1x
		PN-200002861 1x
		PN-200002974 1x
		PN-200002973 1x

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	4	B246	B254




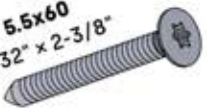
PN-200002972
1x






PN-200003332
1x




PN-200003381
1x

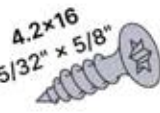

 PN-20000
3326
 5.5x60
 7/32" x 2-3/8"
 
 PN-200000560
10x


 PN-20000
3320

 PN-200000826
2x

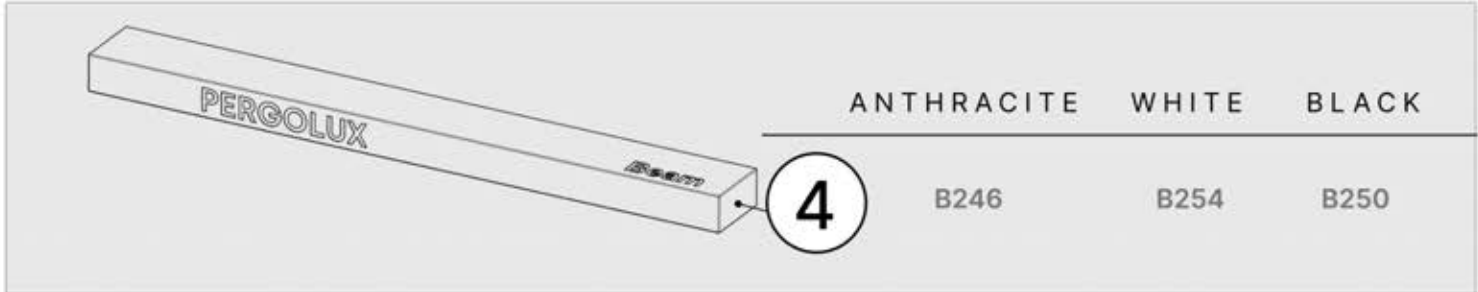

 PN-20000
3302

 PN-200001514
4x

 PN-200003322
1x


 PN-200003323
1x


 PN-200000840
18x

ITEMS IN BOX



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 	PN-200000507 4x	5.5x50 7/32" x 2"	PN-200000568 34x
5x12 3/16" x 1/2"	PN-200000569 8x		PN-200000516 1x


PN-20000 3364 	PN-200002792 2x		PN-200002617 4x
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ITEMS IN BOX





	ANTHRACITE	WHITE	BLACK
4	B246	B254	B250


 <p>PN-20000 3371</p>	<p>PN-200003372 1x</p>	 <p>PN-200003373 1x</p>
 <p>PN-200001946 1x</p>	<p>PN-200000561 1x</p>	 <p>PN-200000561 1x</p>
 <p>PN-200000502 1x</p>		

 <p>PN-20000 3281</p>	<p>PN-200002622 4x</p>
 <p>PN-200000680 8x</p>	





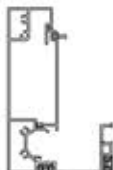




 <p>PN-20000 3305</p>	<p>PN-200000510 5x</p>
 <p>PN-200000669 5x</p>	
 <p>PN-200000655 5x</p>	

 <p>PN-20000 3284</p>	<p>PN-200002625 4x</p>
---------------------------------------------------------------------------------------------------------------------	-----------------------------------

 <p>PN-20000 3309</p>	<p>PN-200003308 2x</p> <p>PN-200003324 2x</p>
---------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------

 <p>PN-200003209 1x</p>

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	B263	B267	B265
		PN-200003358 1x	
		PN-200003359 1x	
		Premounted PN-200003557 2x	
		PN-200003555 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



PN-200002756

1x



Matter antenna clip

1x



PN-200002754

1x



PN-200002684

10x



PN-200002758

1x



PN-200002683

5x



PN-200002753

2x



QR-code

1x



PN-200002759

2x



3M tape

1x



PN-200002757

1x

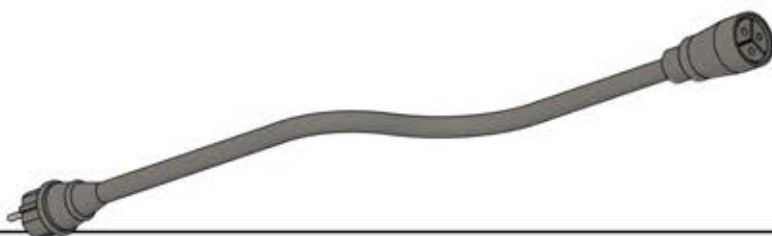
ITEMS IN BOX

! ** 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.

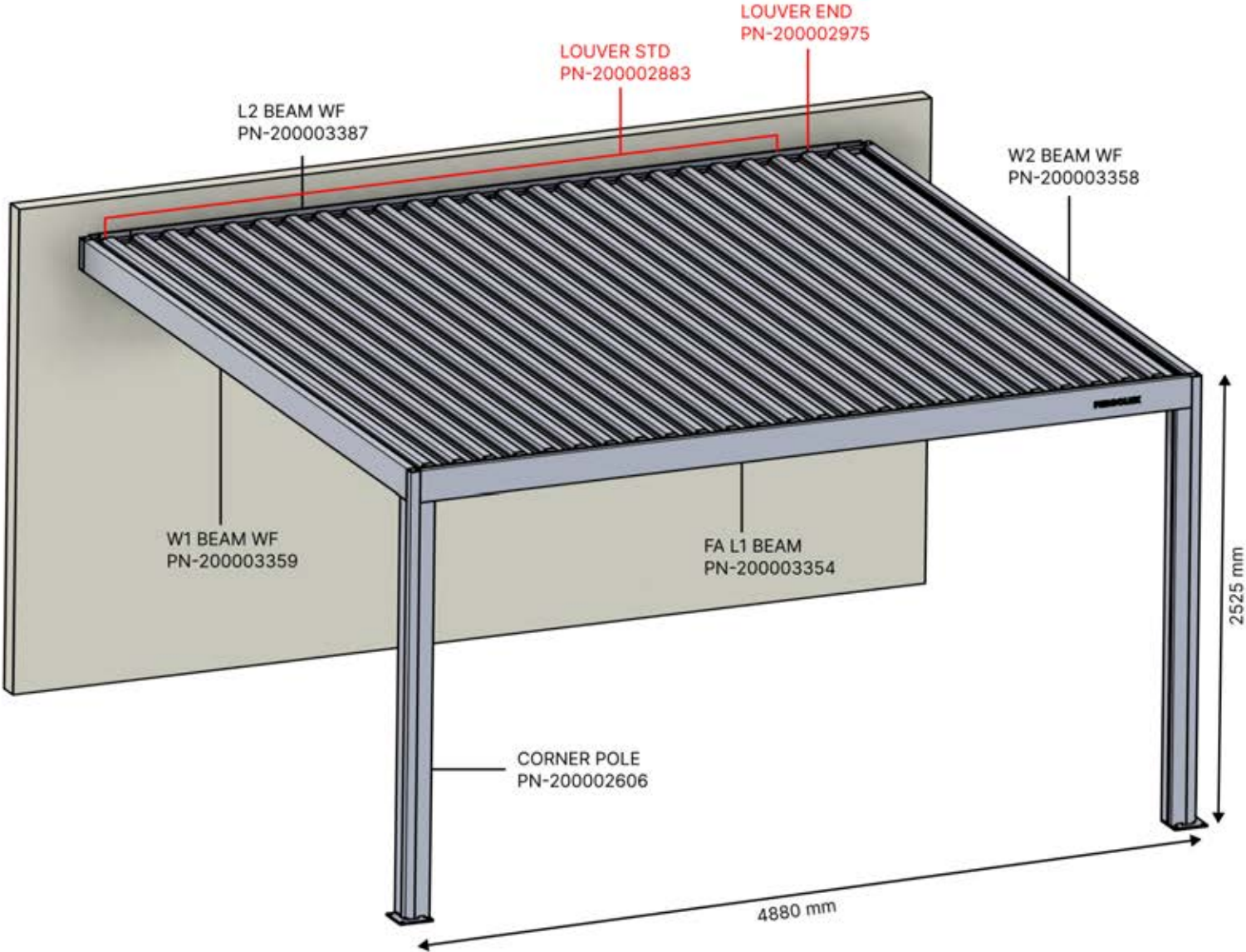
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



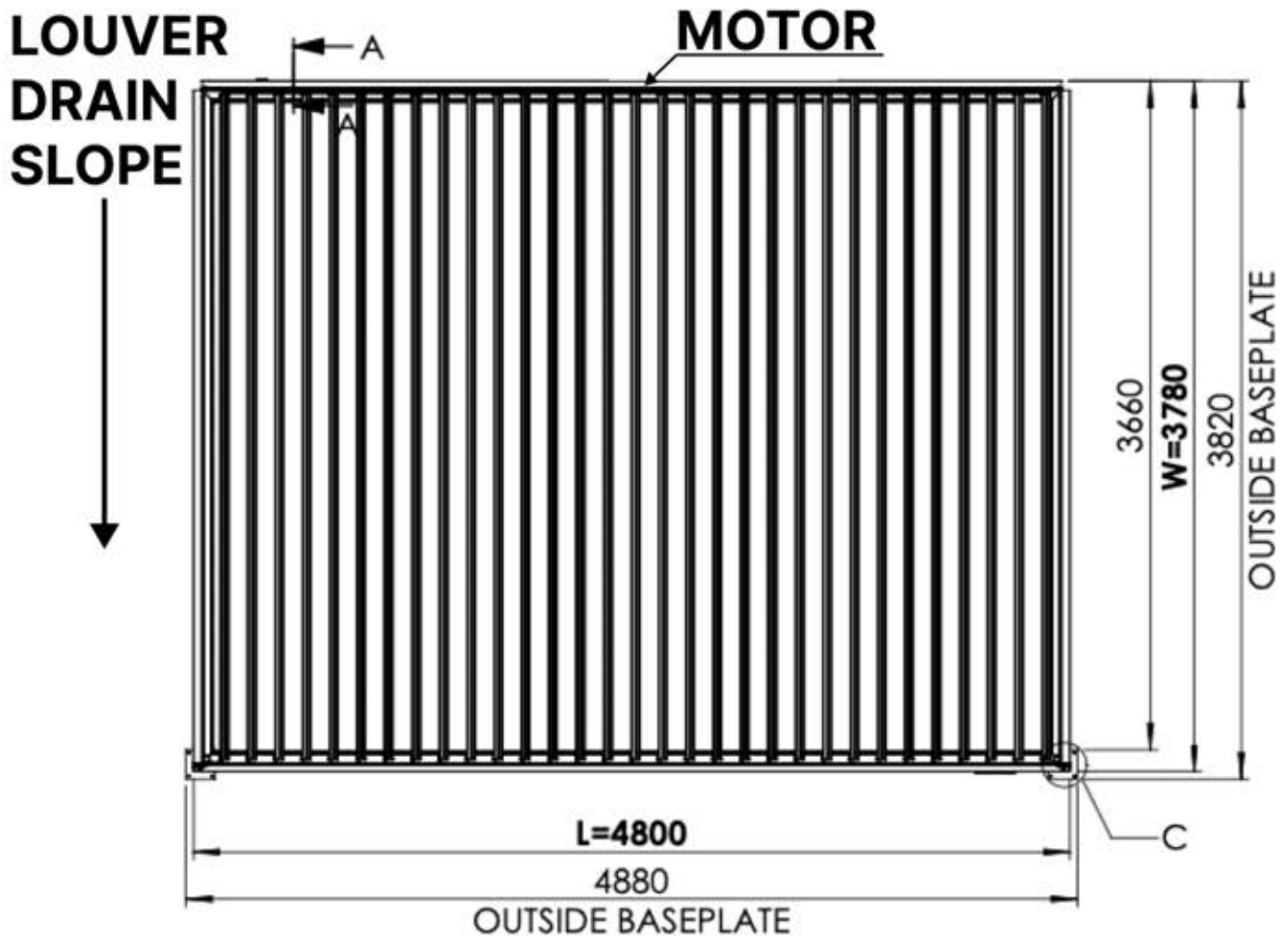
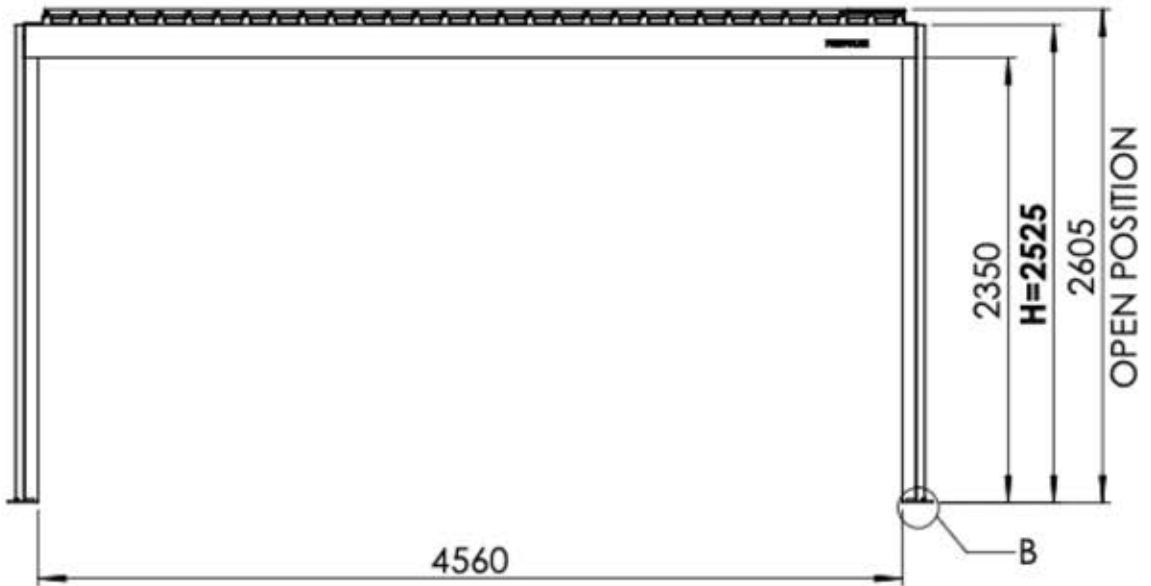
CONTROL BOX

[View Manual](#)

4 x 5 M / 13' x 16'



4 × 5 M / 13' x 16'



INFORMATION

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

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

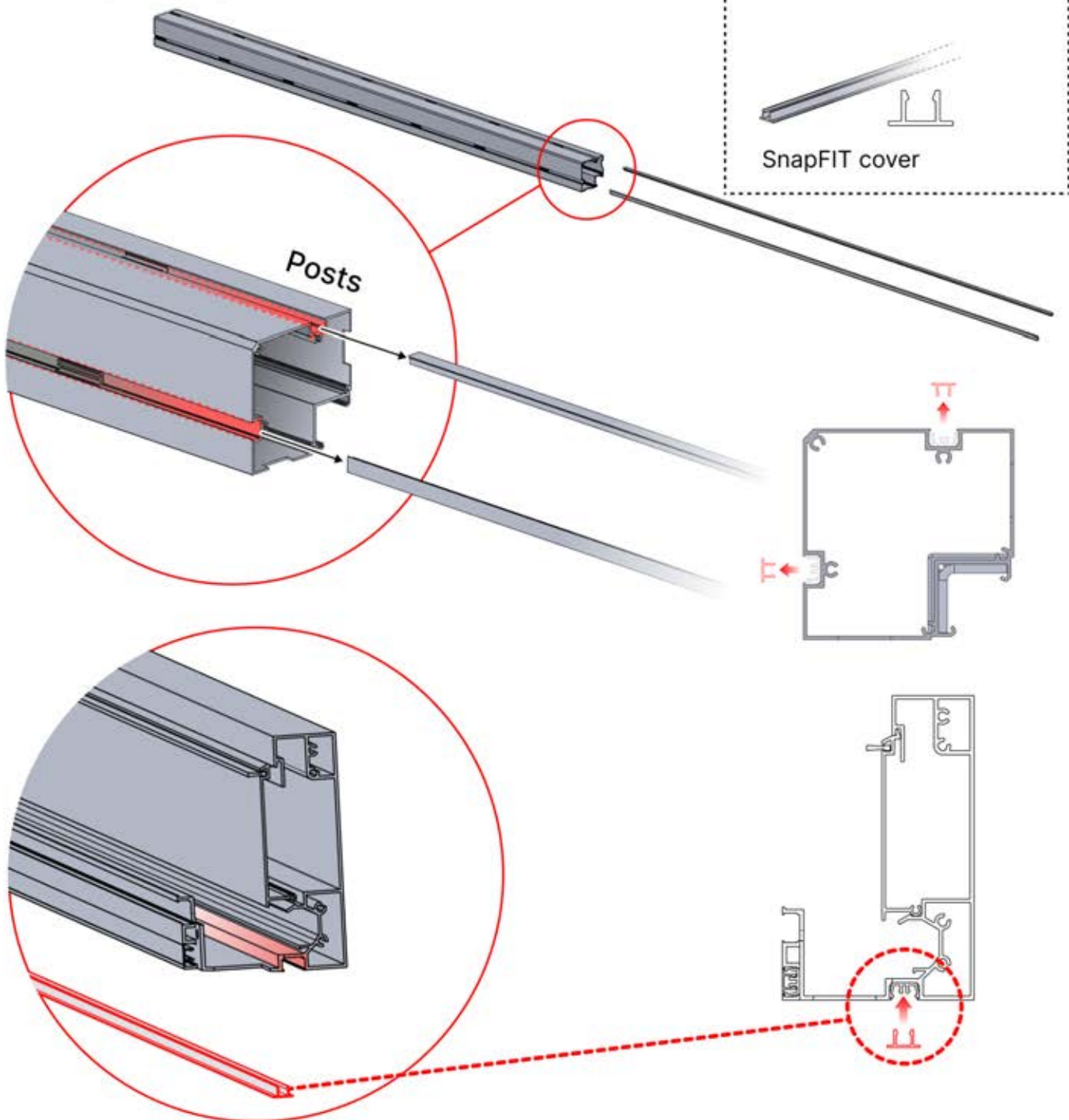
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



INFORMATION

Are you installing a heater, fan or LED lights?

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

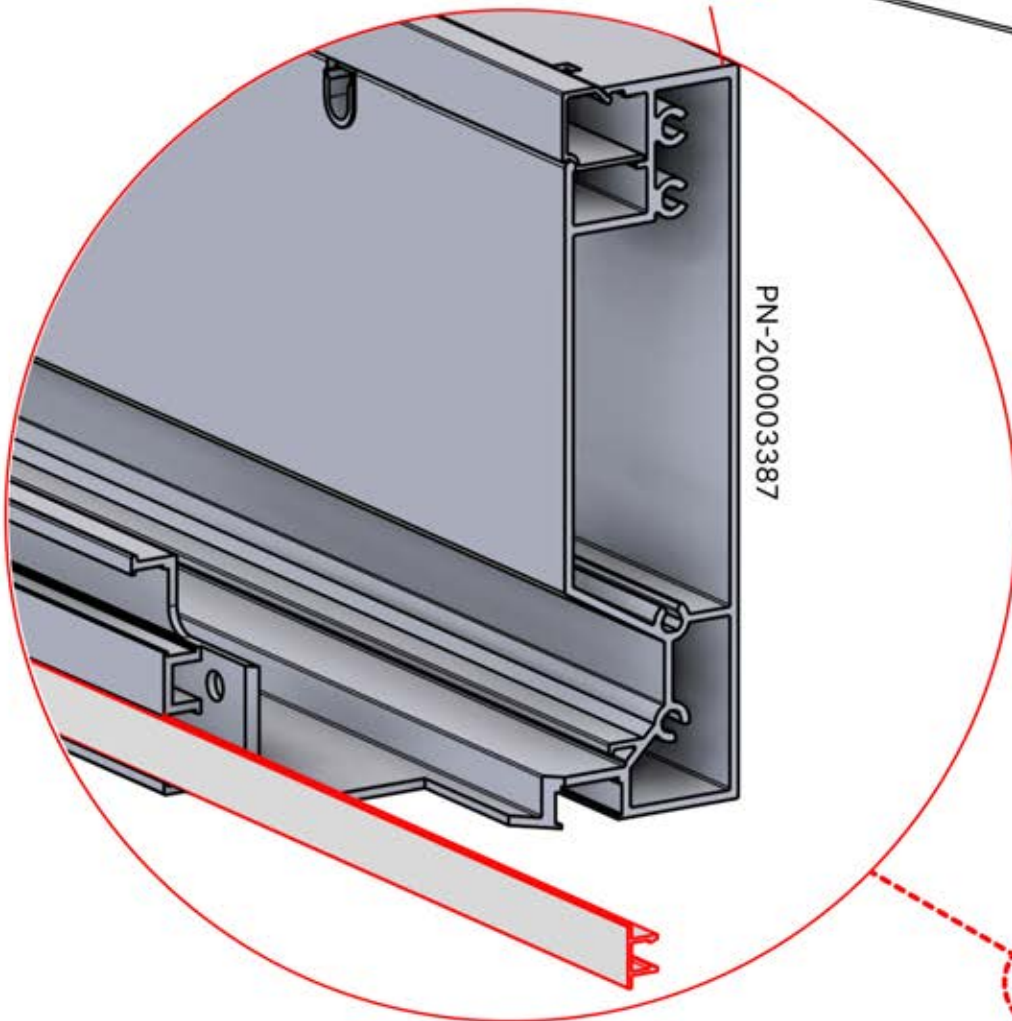
Cover and clips



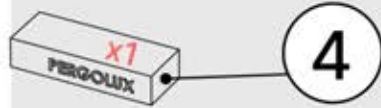
PN-200000512
SnapFIT COVER CLIP



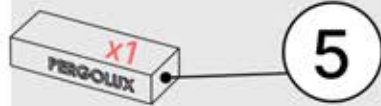
SnapFIT cover



INFORMATION



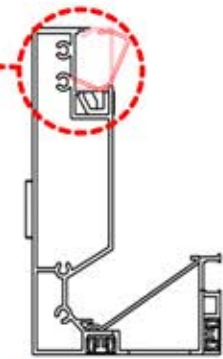
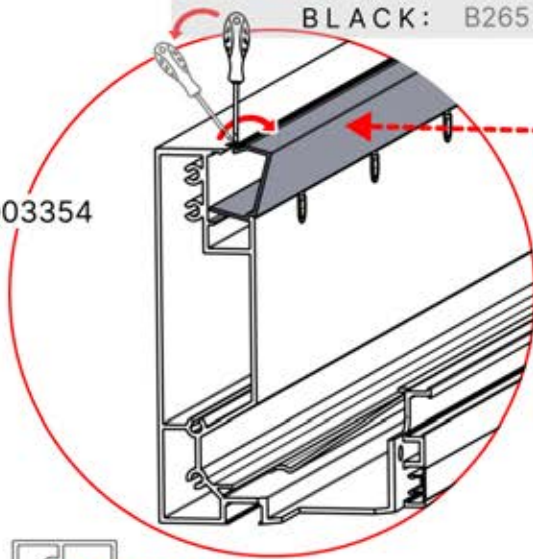
ANTHRACITE: B246
 WHITE: B254
 BLACK: B250



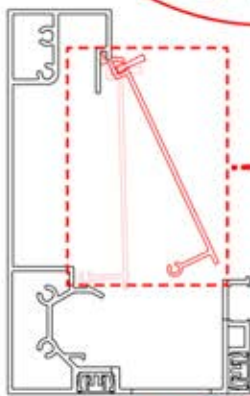
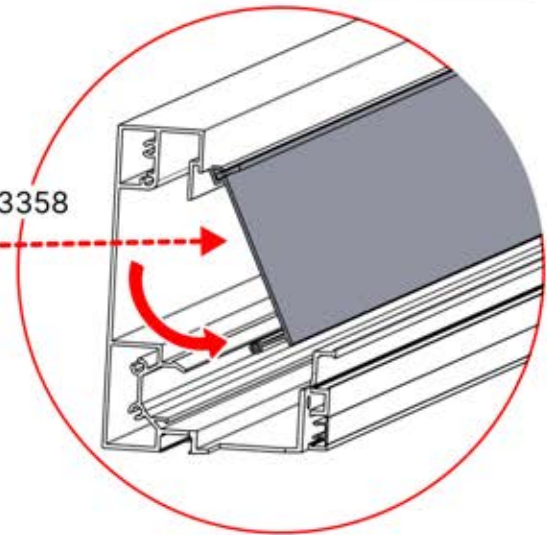
ANTHRACITE: B263
 WHITE: B267
 BLACK: B265

		PN-200003358
		1x
		PN-200003359
		1x
		PN-200003354
		1x
		PN-200003387
		1x

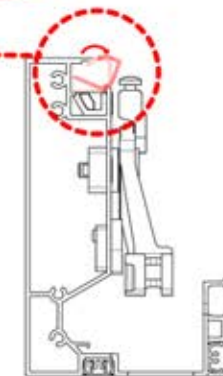
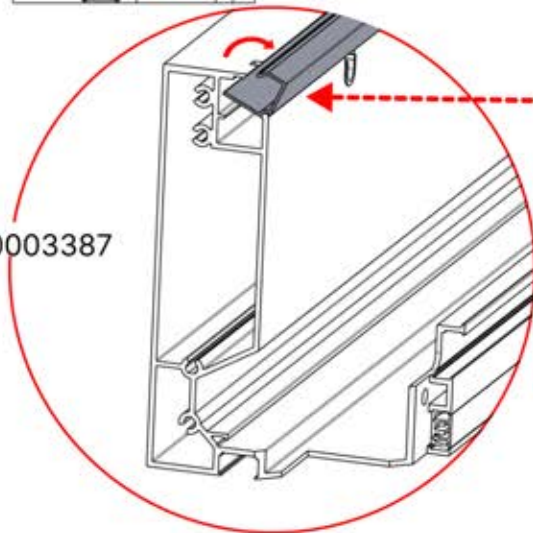
PN-200003354



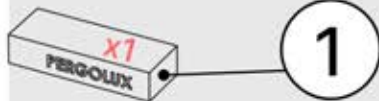
PN-200003358



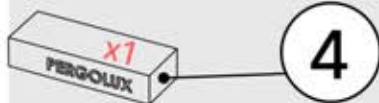
PN-200003387



01



ANTHRACITE: C120
WHITE: C122
BLACK: C121



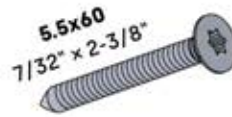
ANTHRACITE: B246
WHITE: B254
BLACK: B250



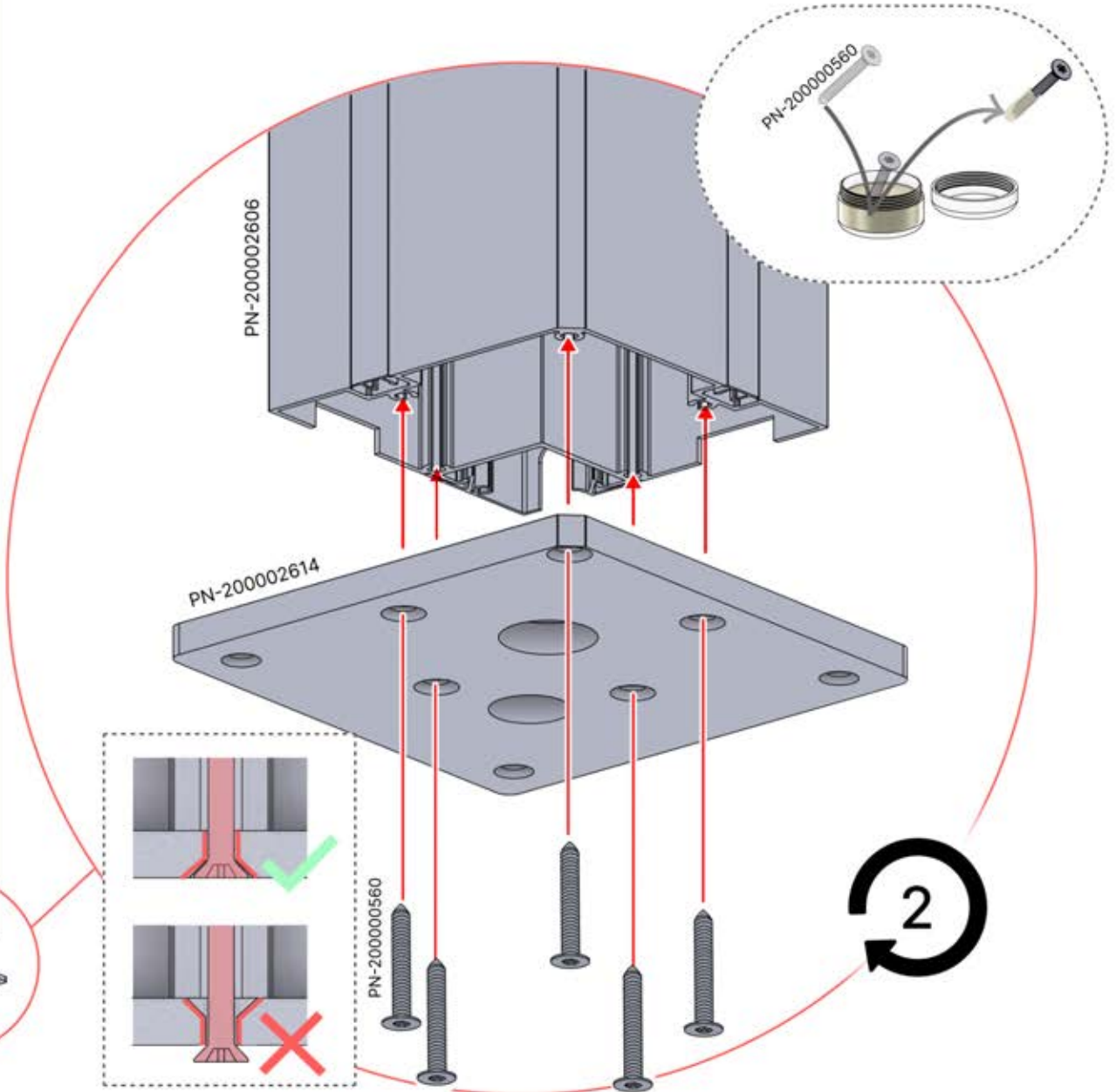
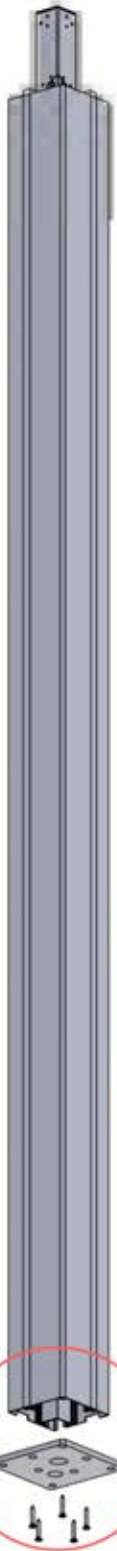
PN-200002606
2x



PN-200002614
2x



PN-200000560
10x



PN-200002606

PN-200002614

PN-200000560

PN-200000560

2

02

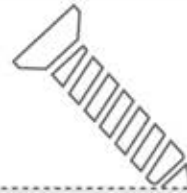
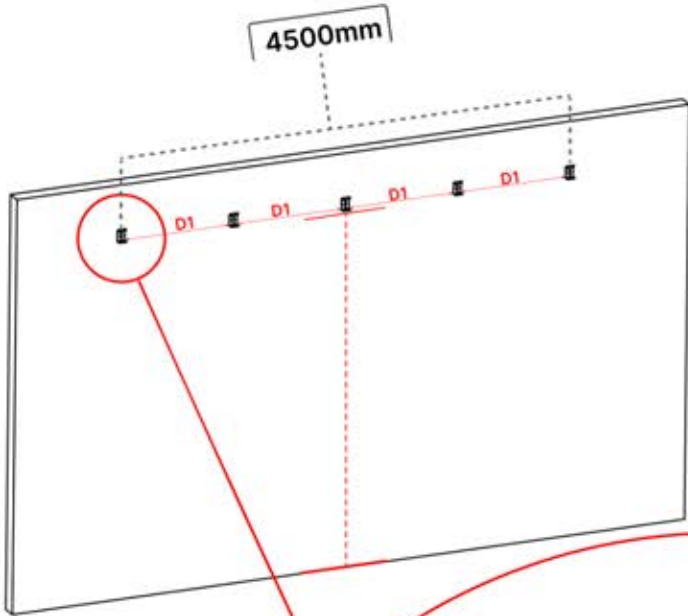


4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



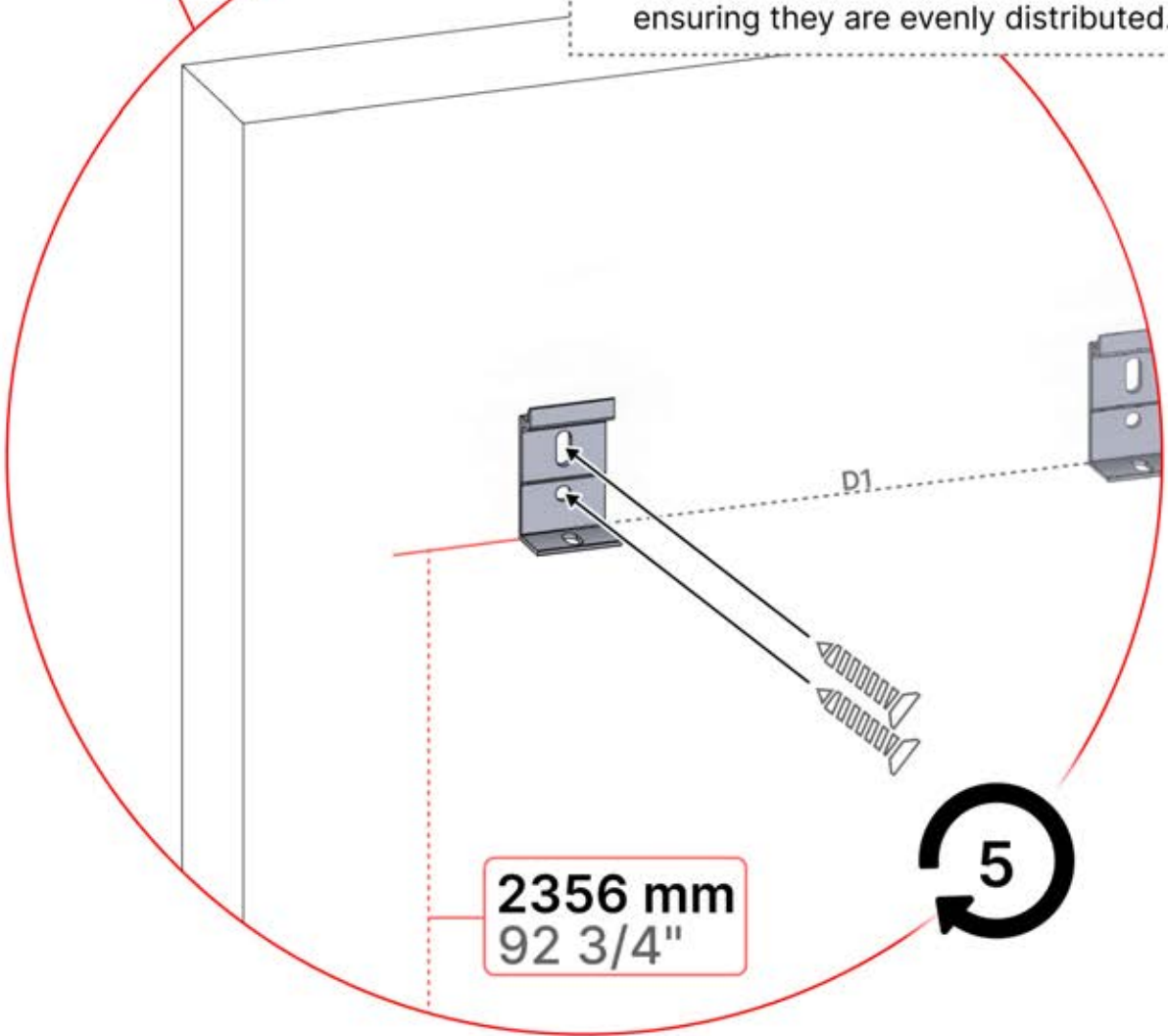
PN-200000510
5x



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.




5

03

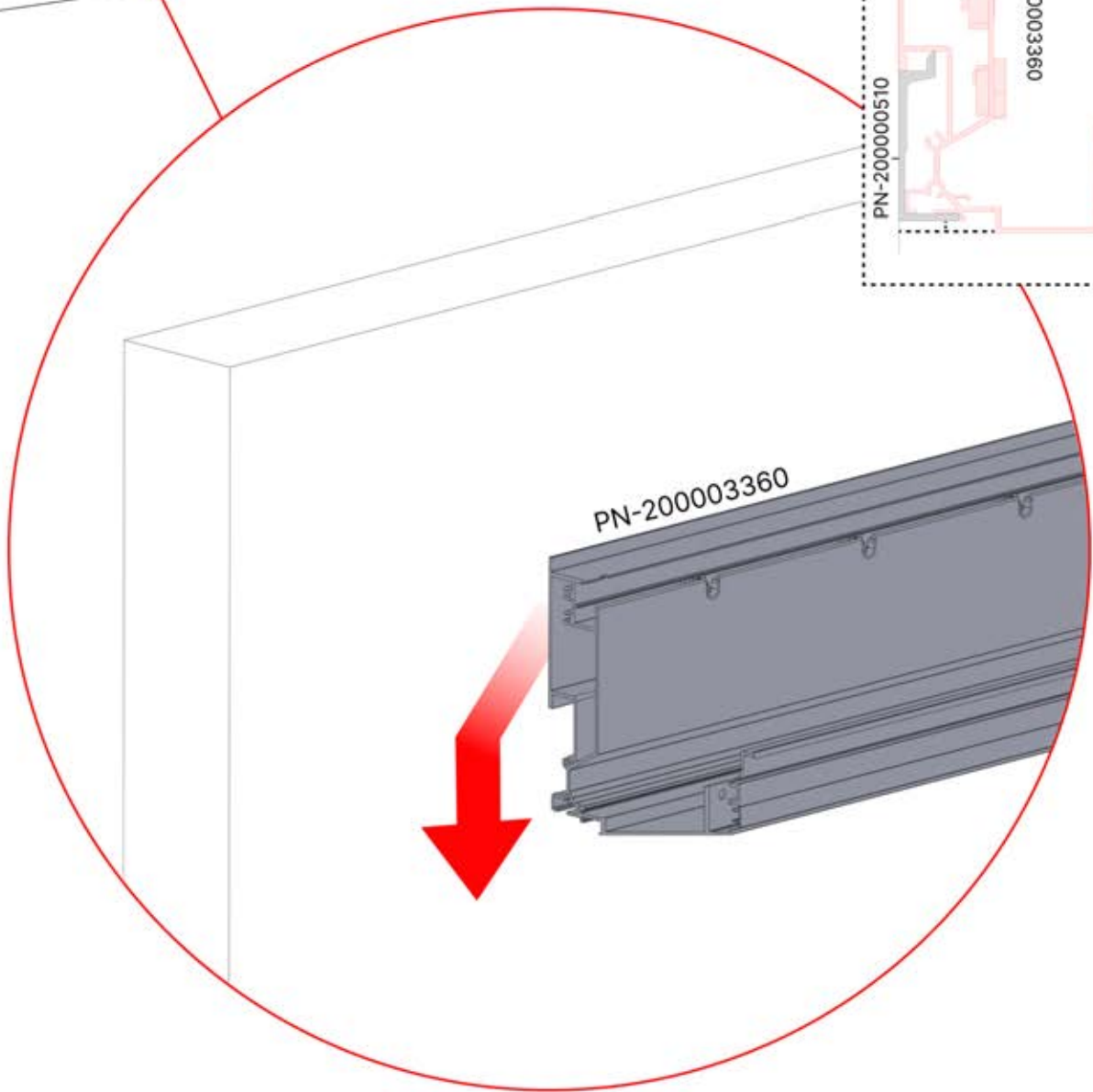
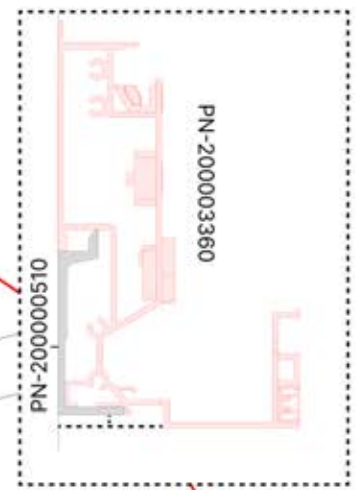
x7
PERGOLUX

4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200003387
1x

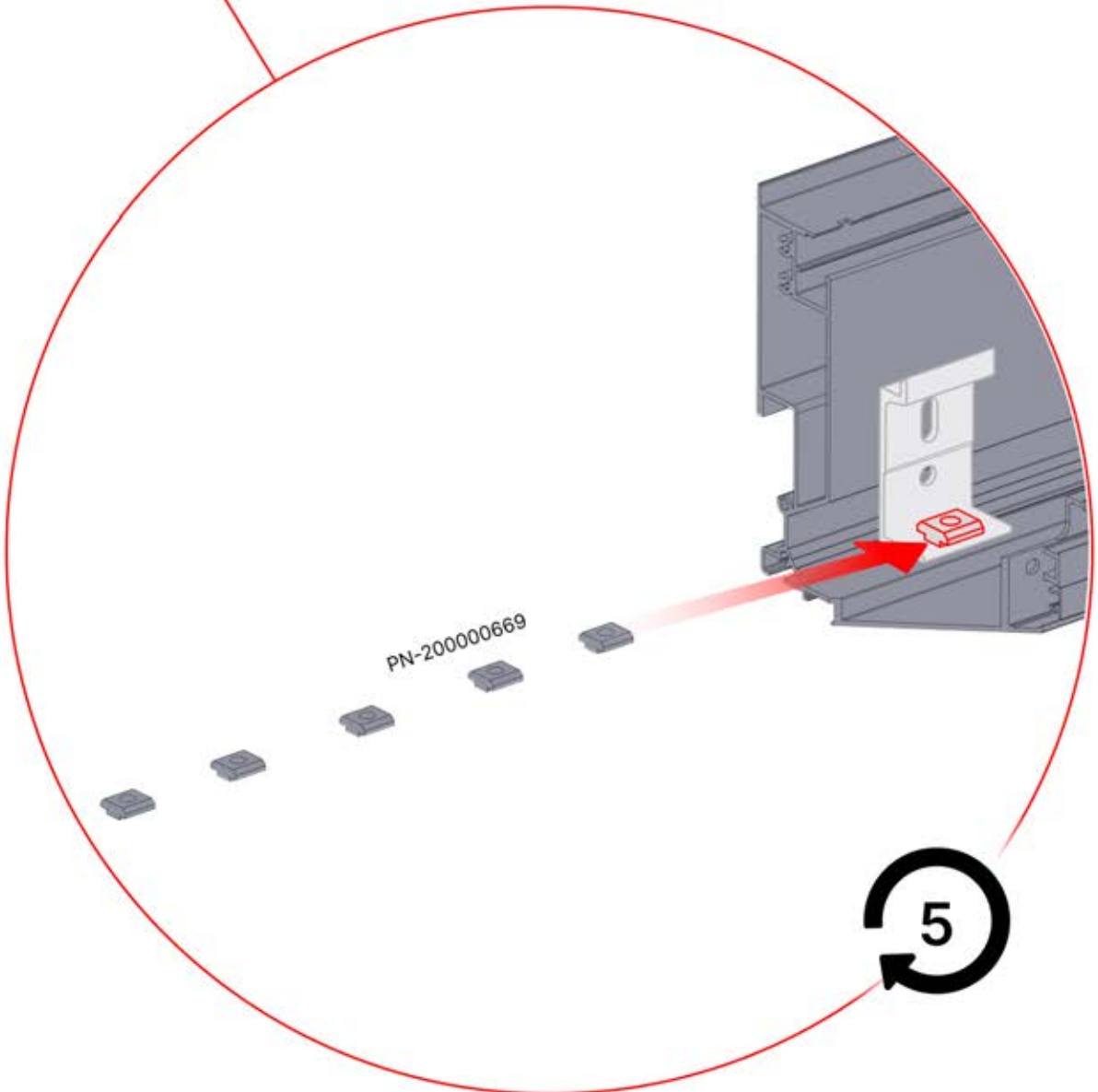
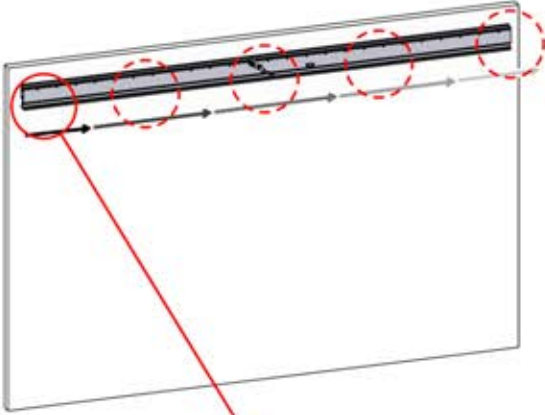


04

4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

PN-200000669
5x



05

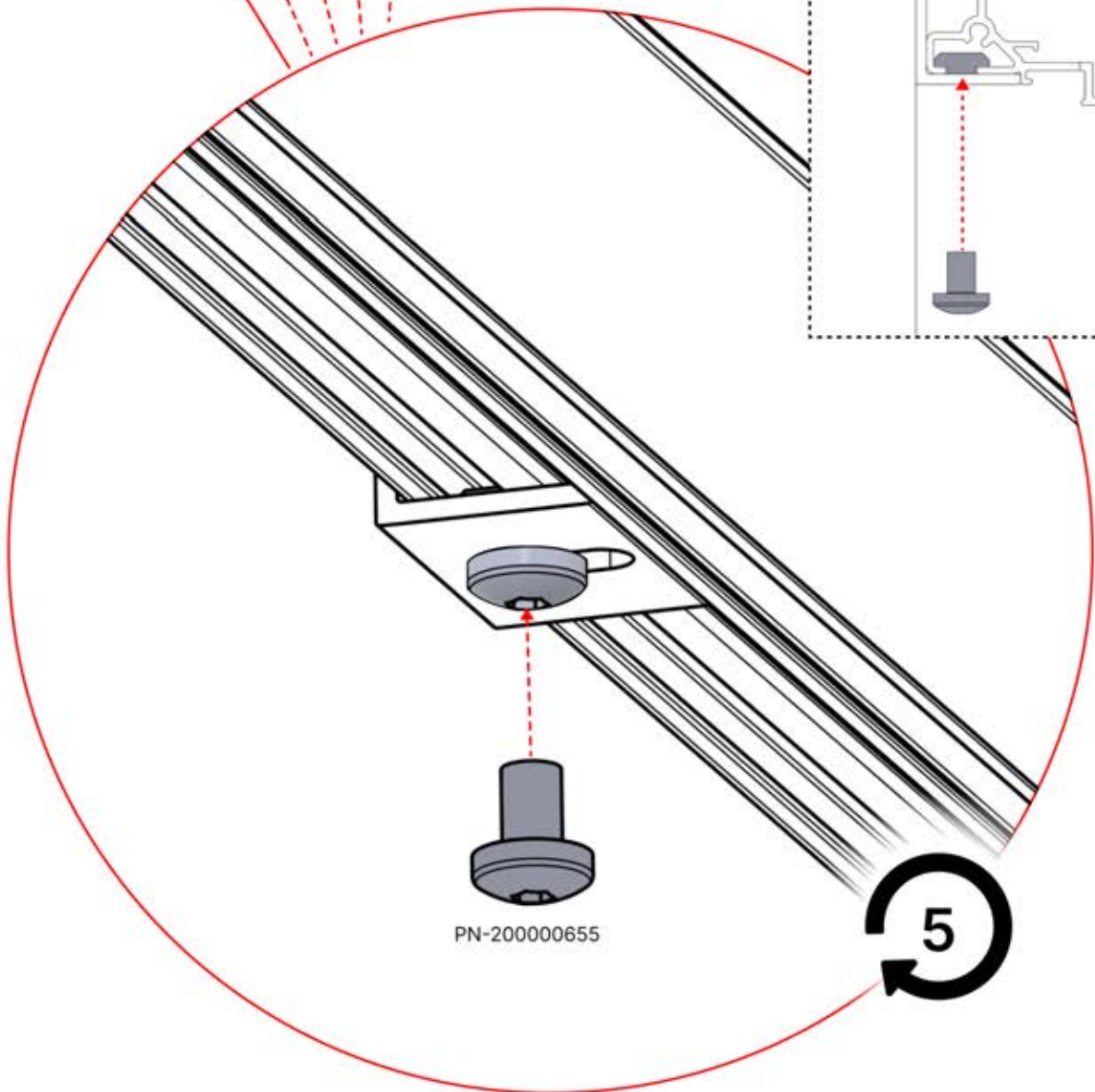
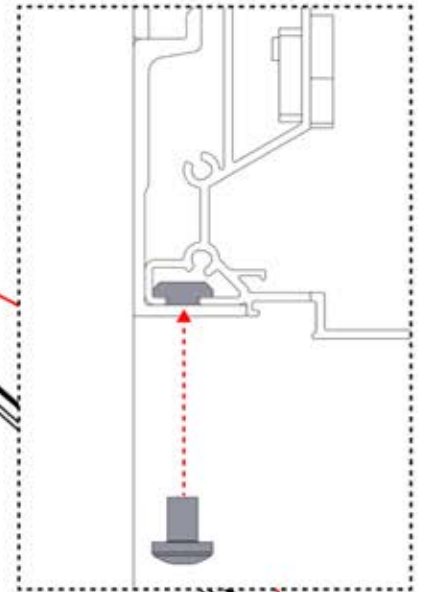
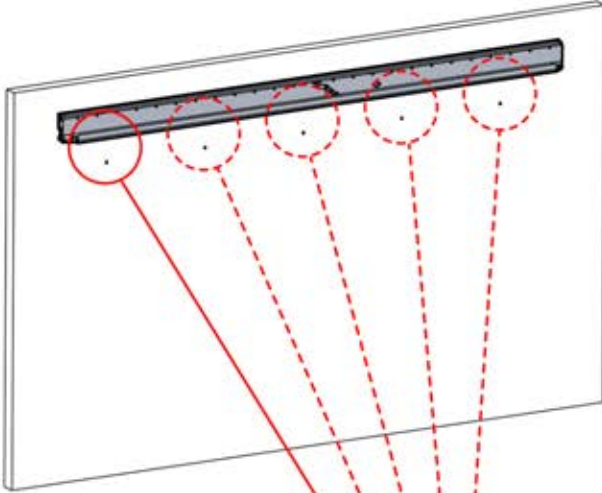
x1
PERGOLUX

4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-20000655
5x



PN-20000655

5

06

4

x1
FERGOLUX

ANTHRACITE: B246
WHITE: B254
BLACK: B250

5

x1
FERGOLUX

ANTHRACITE: B263
WHITE: B267
BLACK: B265

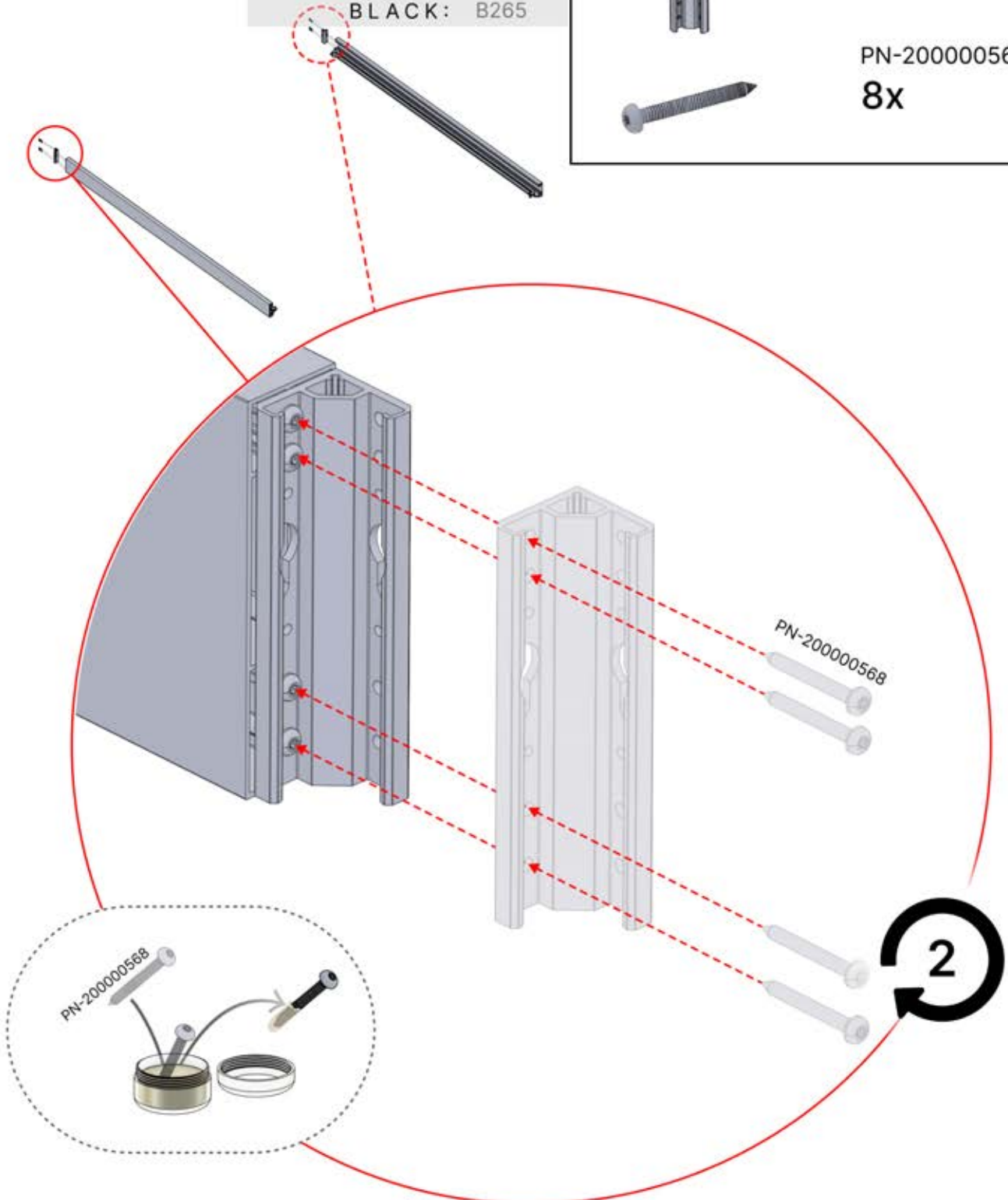


PN-200003358
1x

PN-200003359
1x

PN-200003308
2x

PN-200000568
8x



07

5

x7
PERGOLUX

ANTHRACITE: B263
WHITE: B267
BLACK: B265

4

x7
PERGOLUX

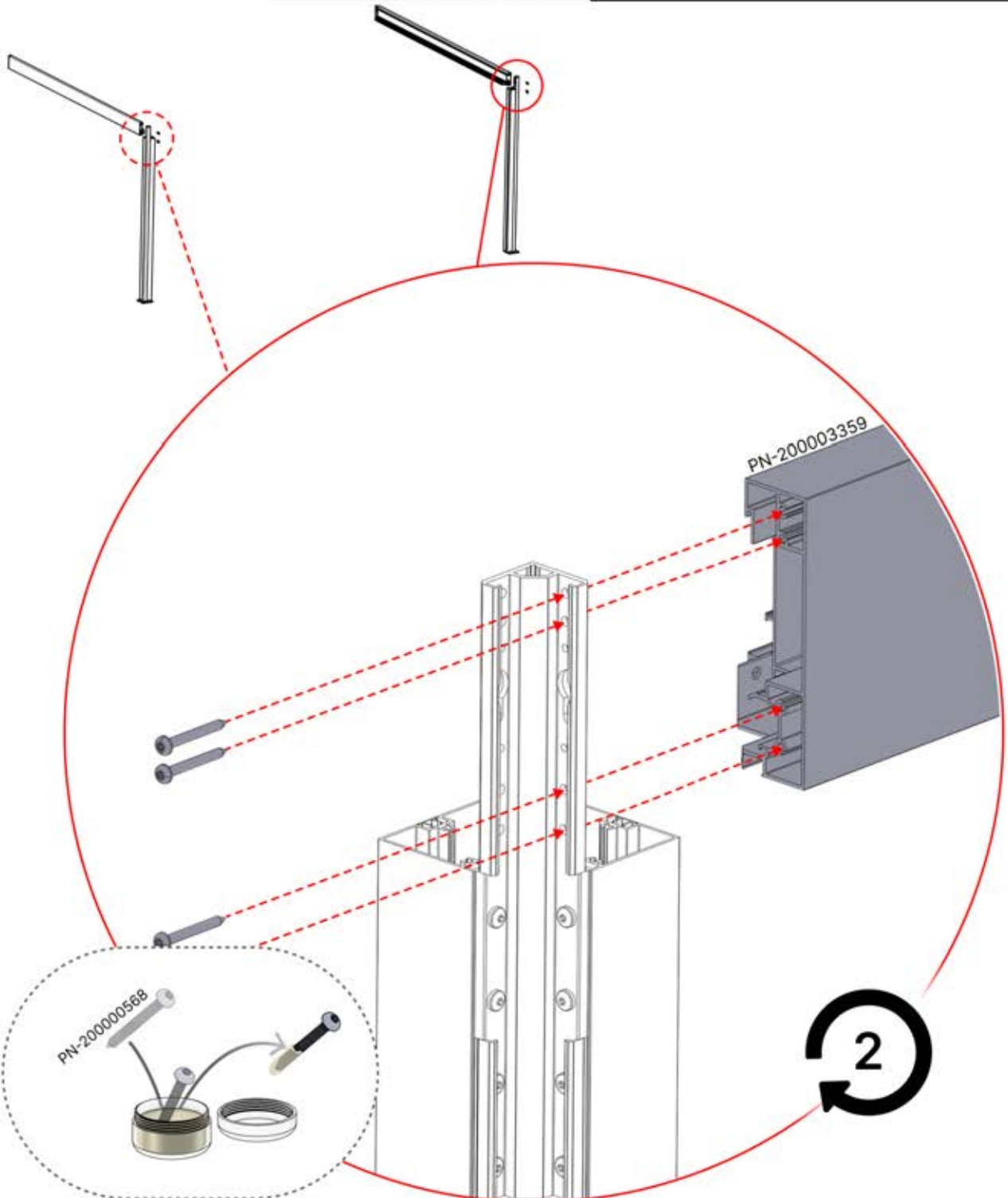
ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200003358
1x

PN-200003359
1x

PN-200000568
8x



08

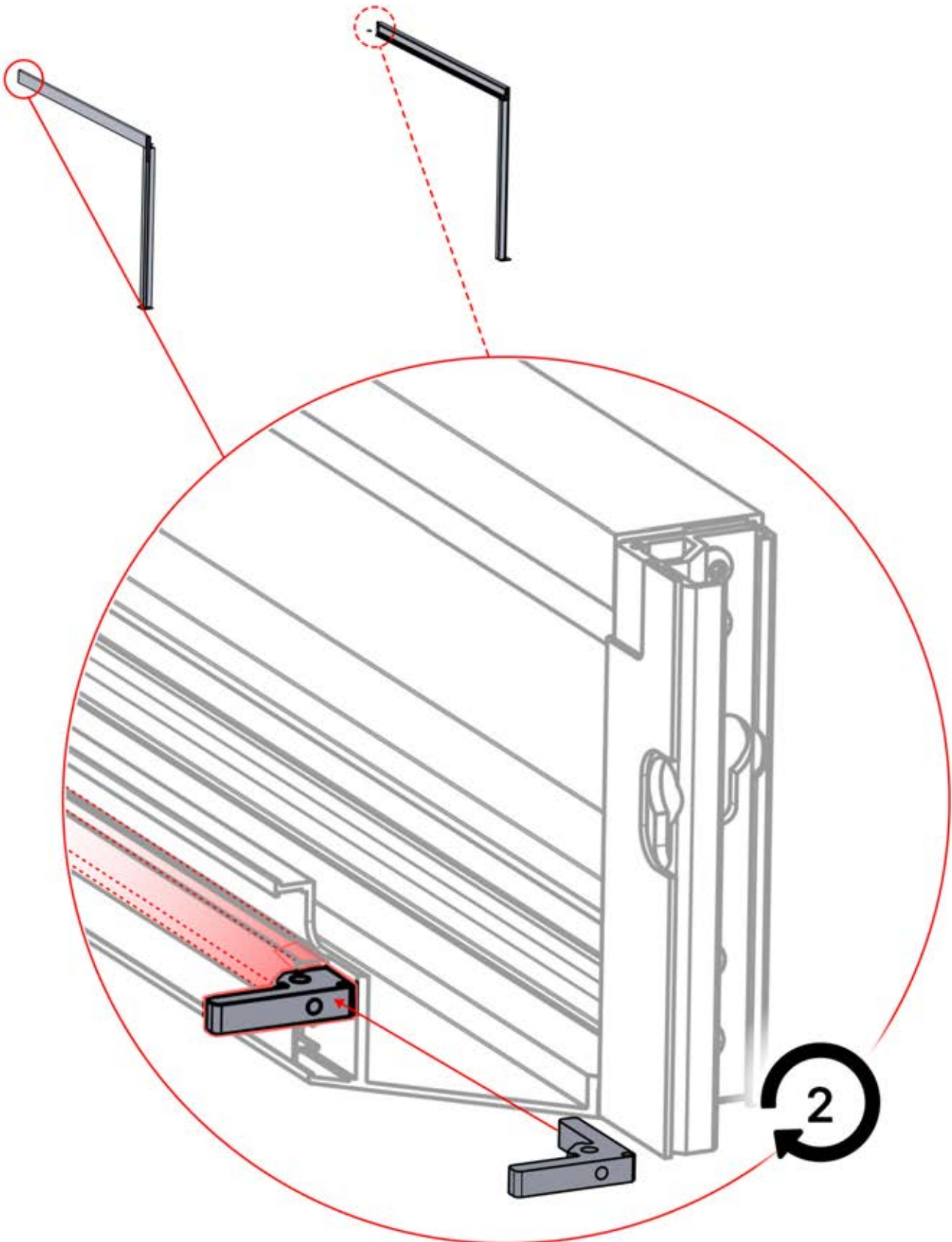


4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200000507
2x



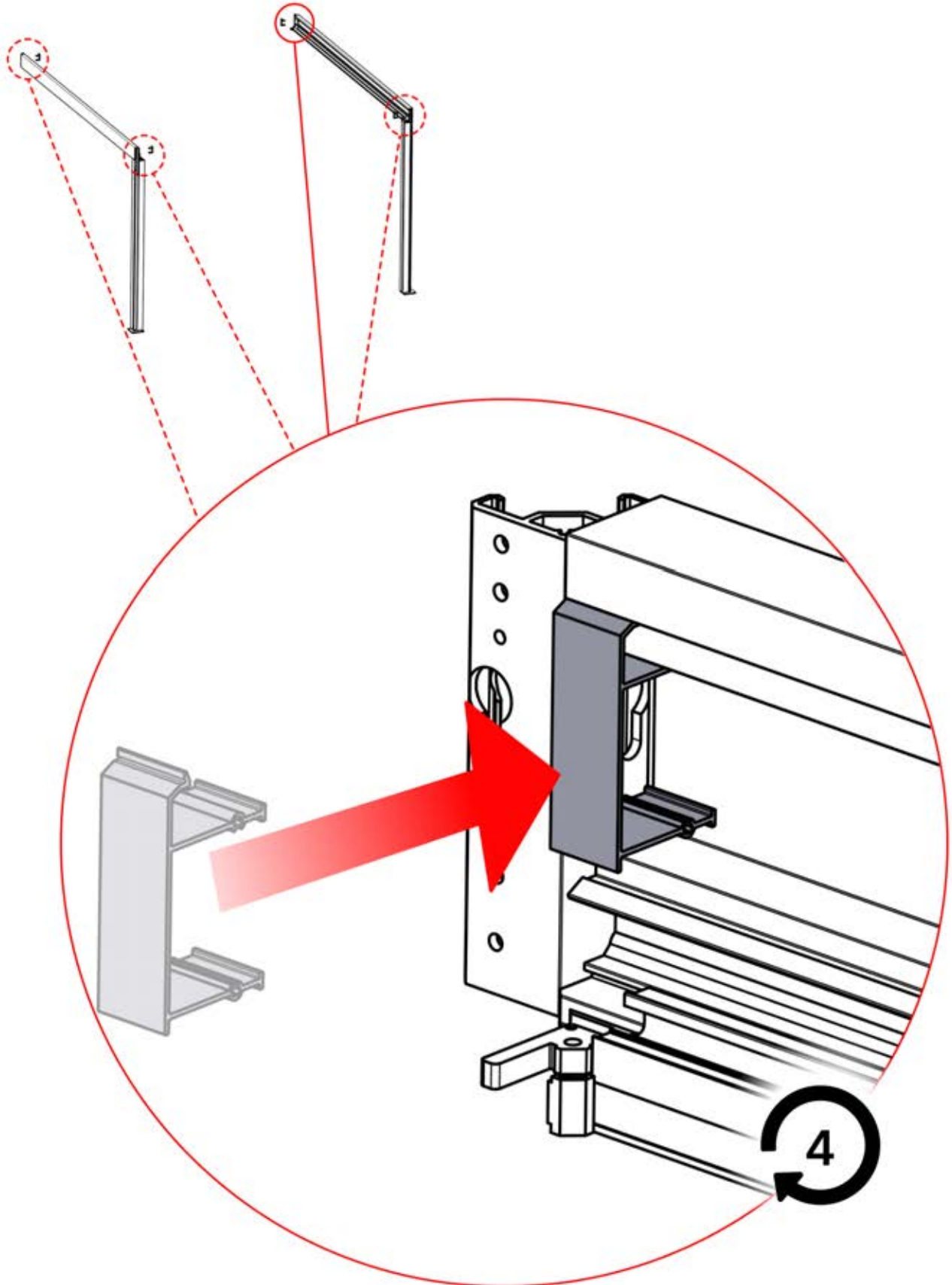
09

x1
FERGOLUX


4

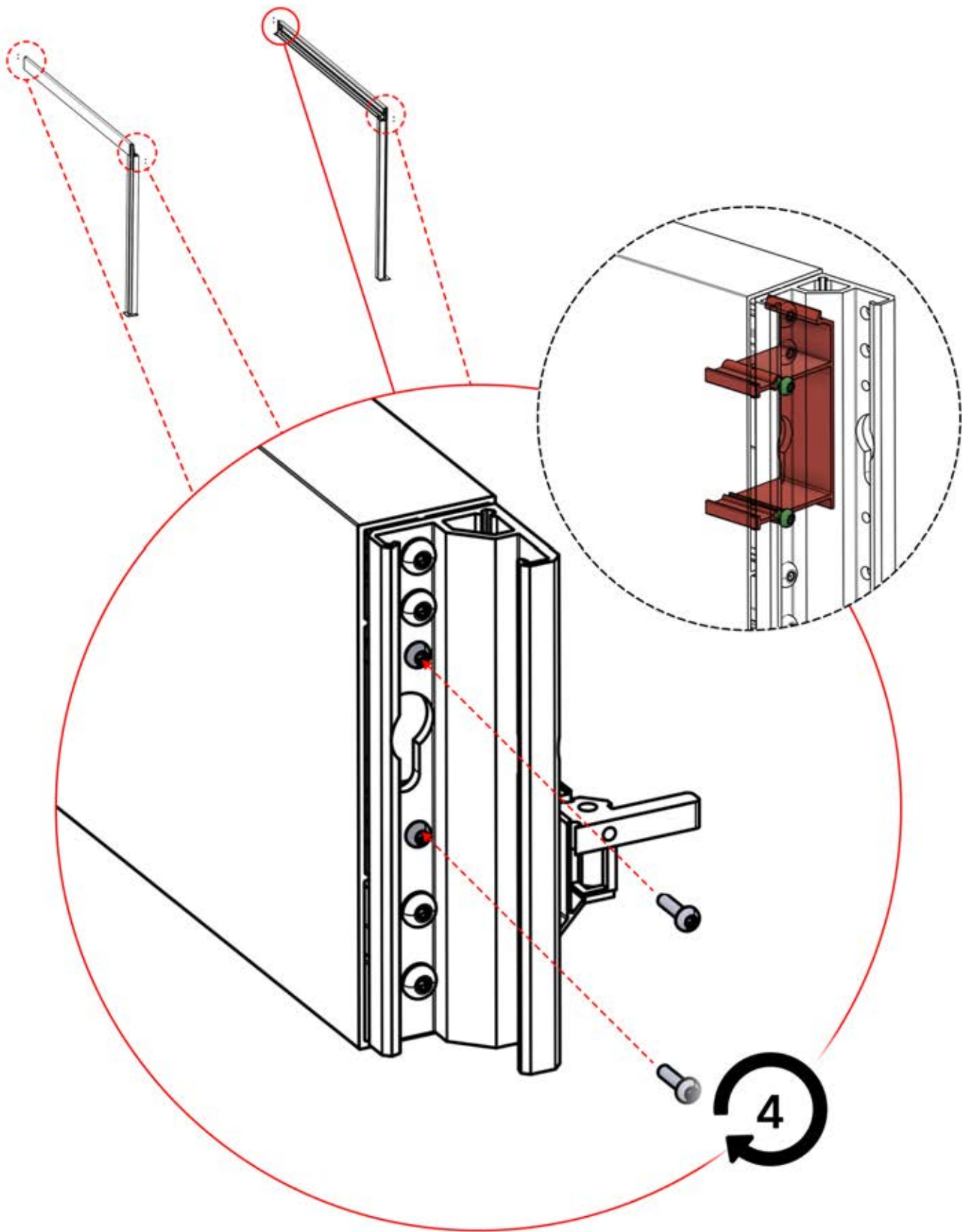
ANTHRACITE: B246
WHITE: B254
BLACK: B250

PN-200002622
4x

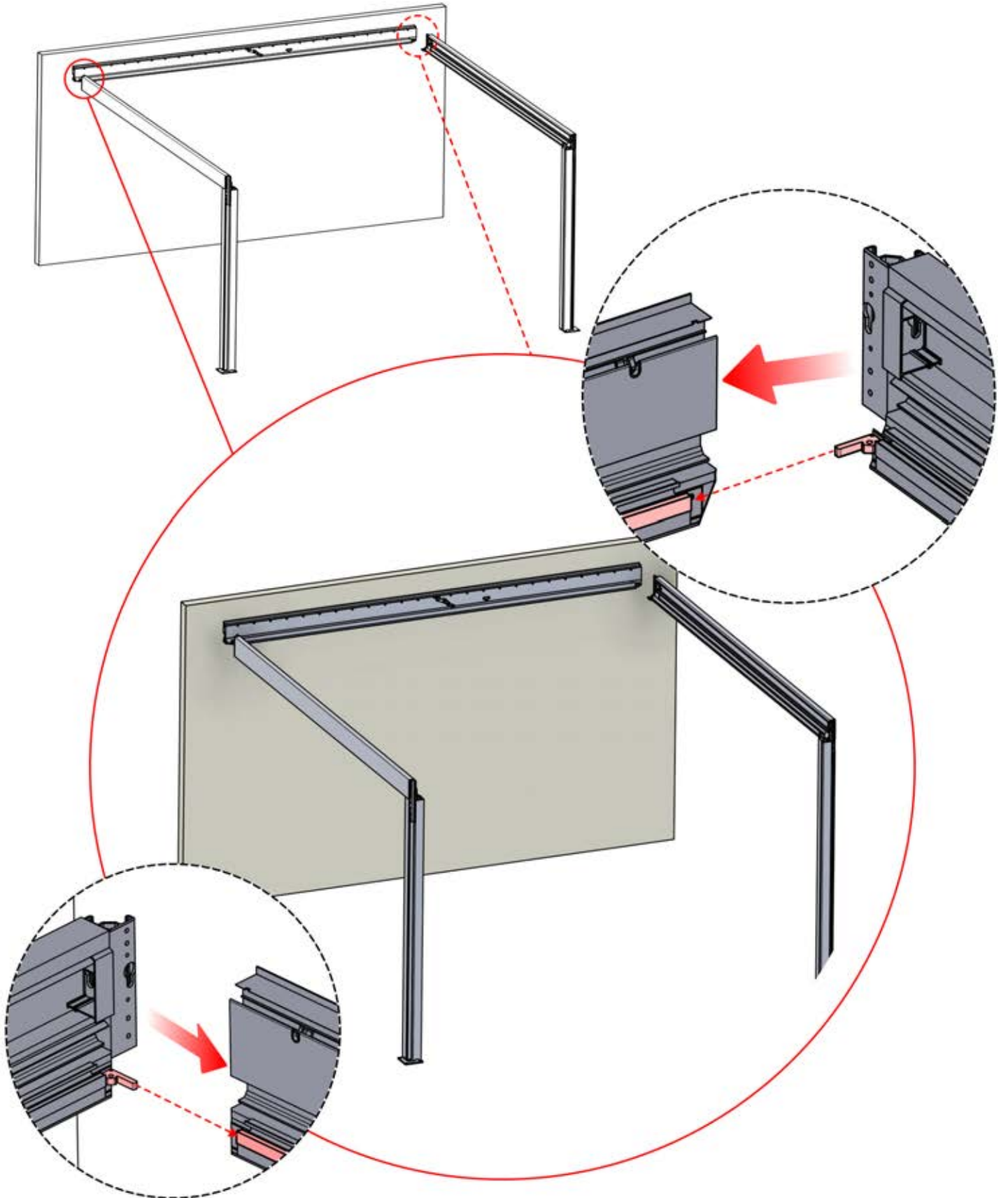


10

	4		PN-200000680
ANTHRACITE:	B246		8x
WHITE:	B254		
BLACK:	B250		



11



12

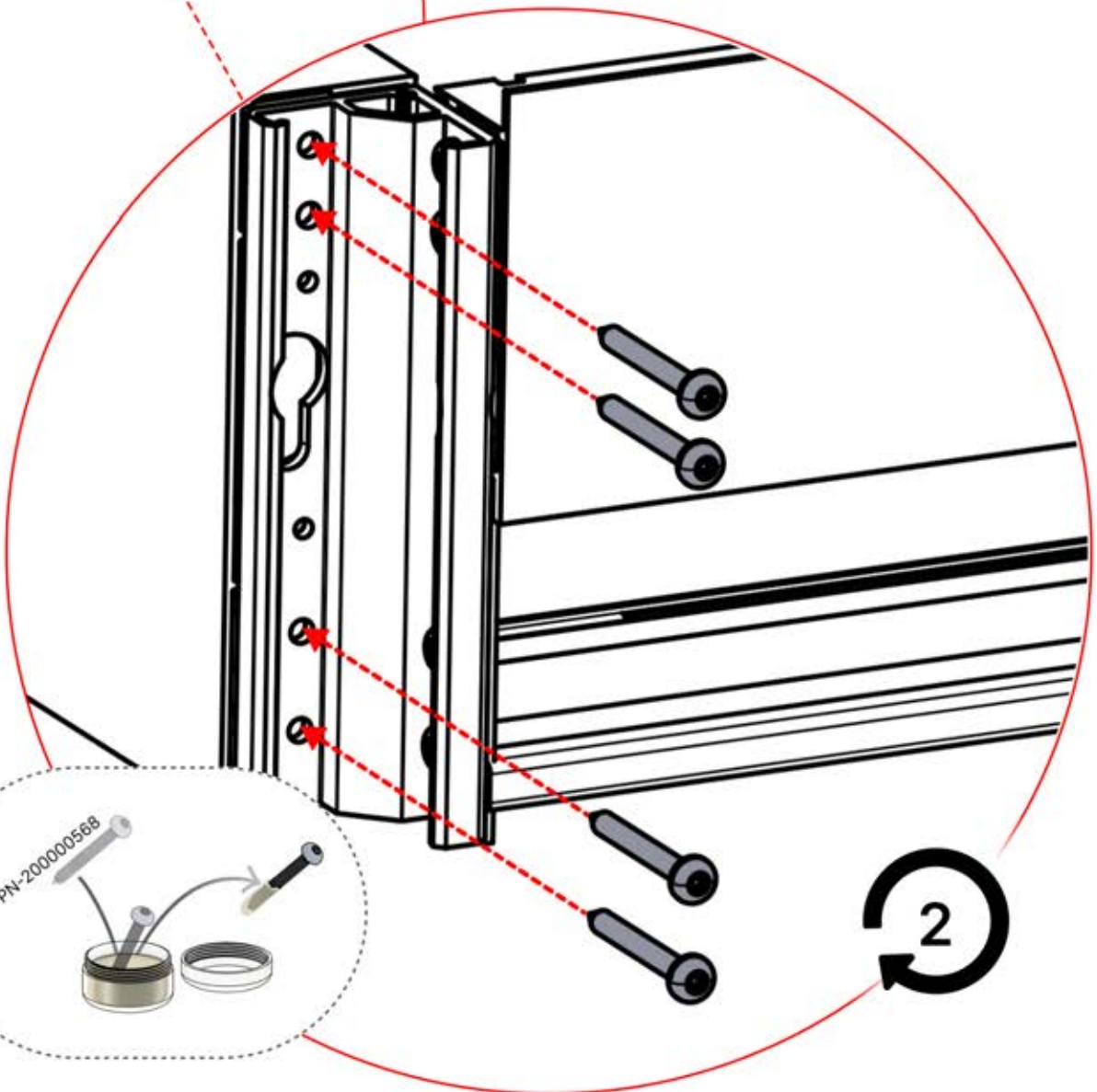
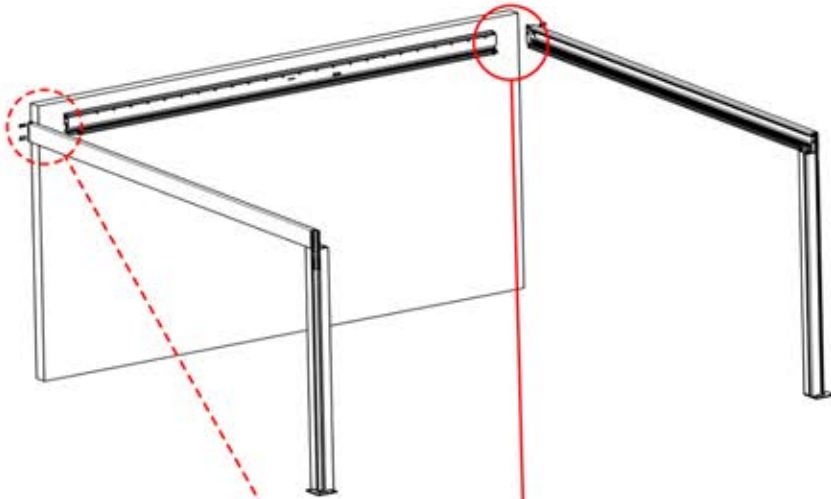
x1
FERGOLUX

4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

PN-20000568

8x



13



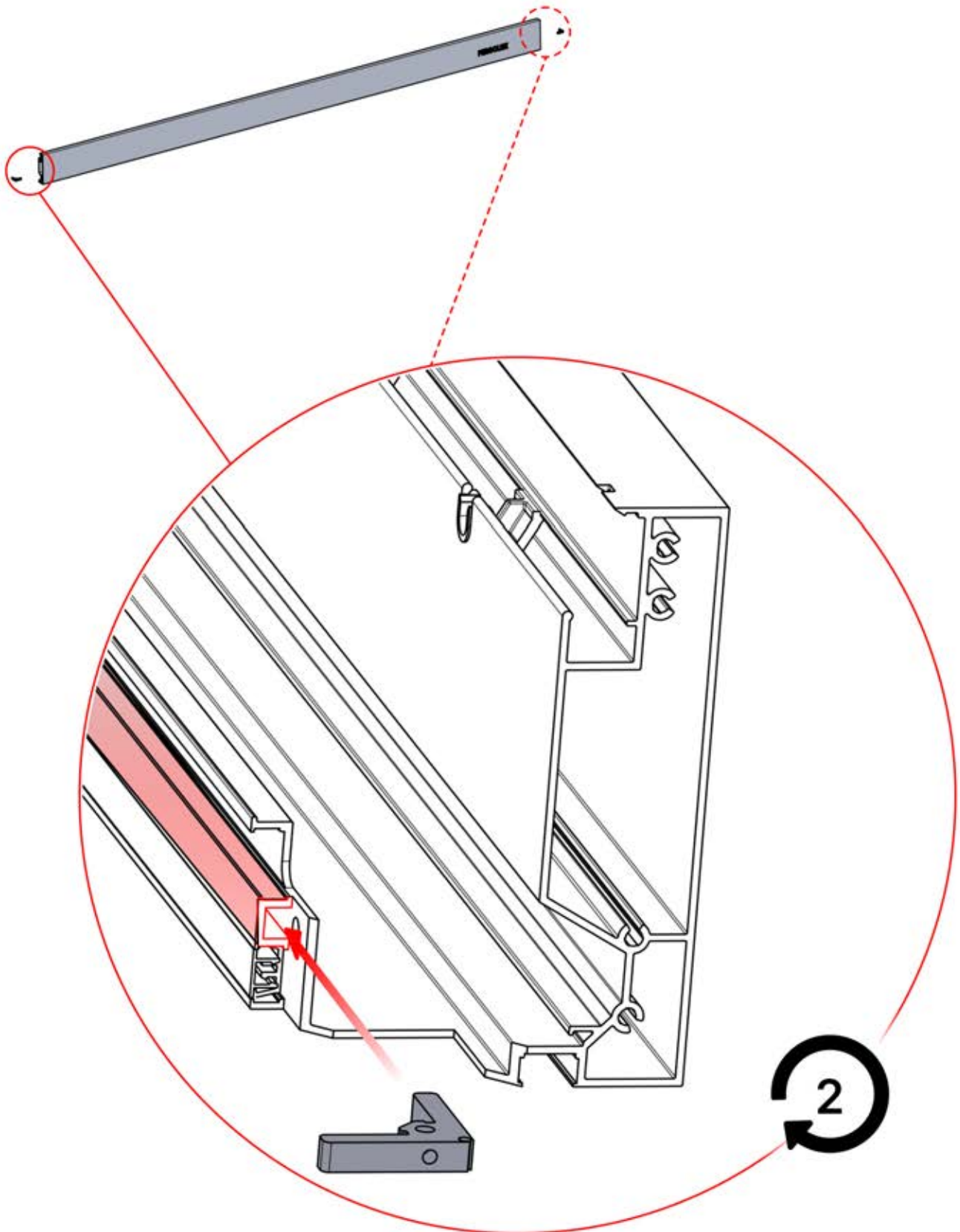
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ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200000507

2x

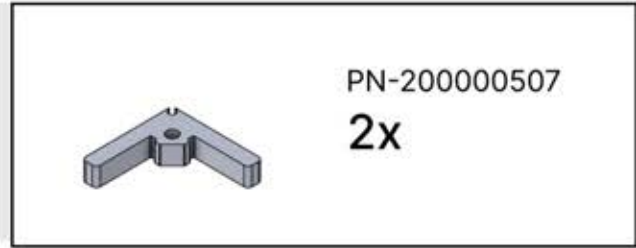


14



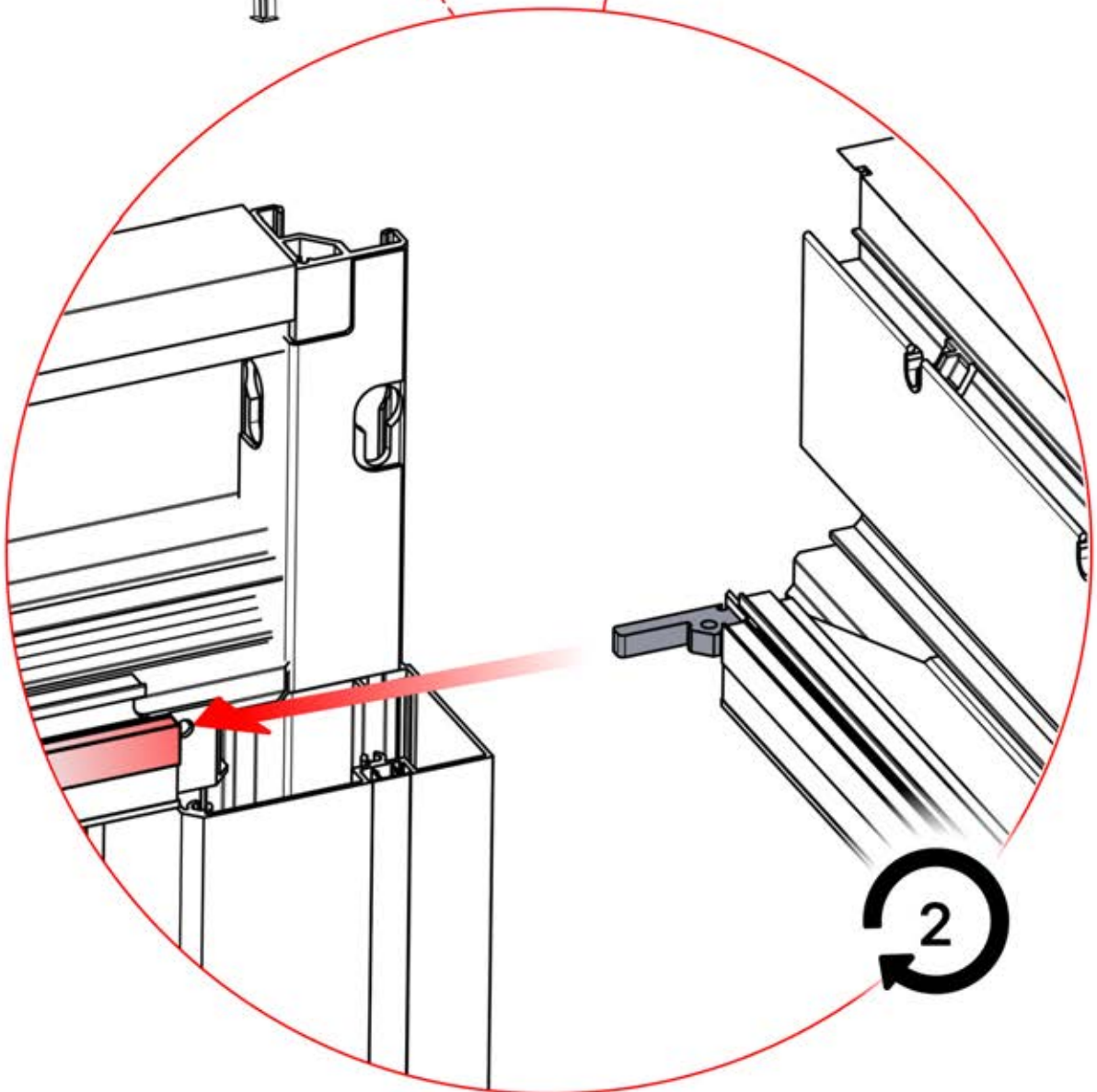
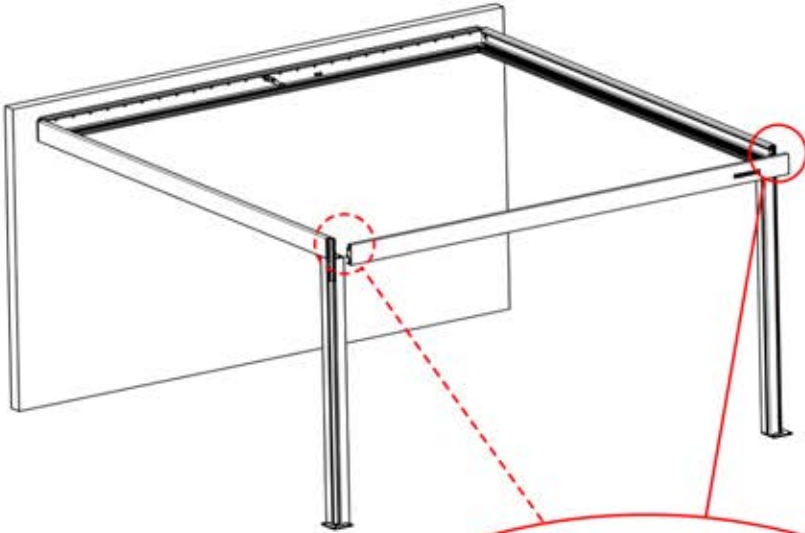
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200000507

2x




15

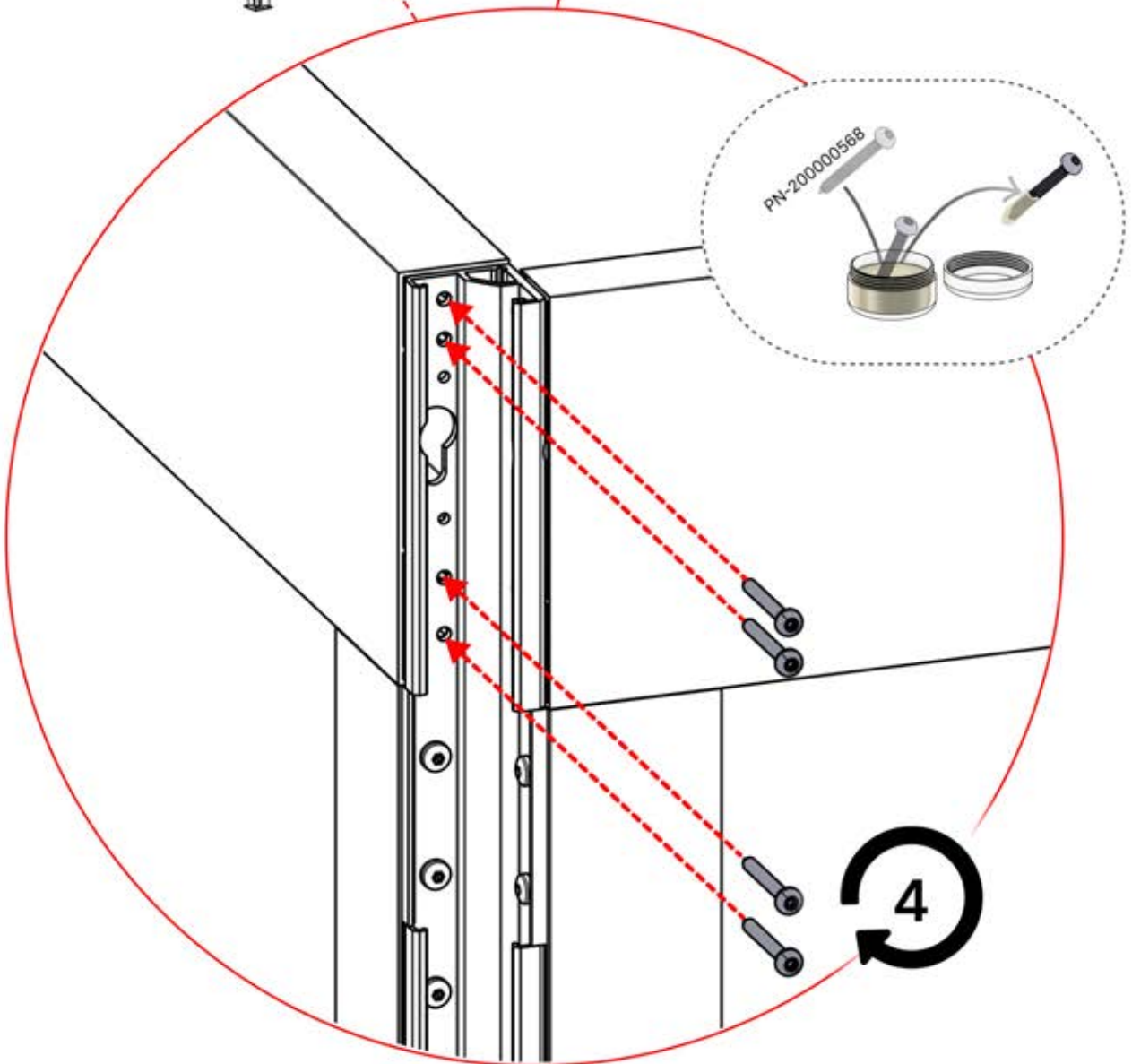
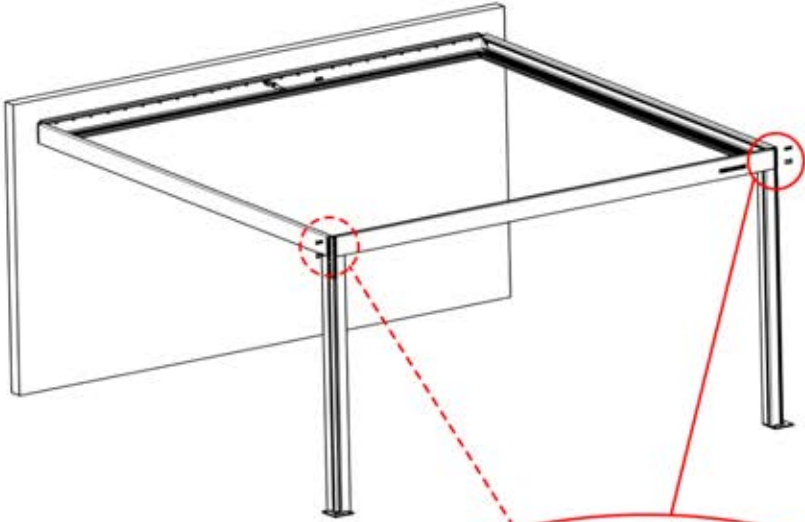
x1
PERGOLUX

4

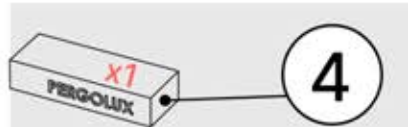
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WHITE: B254
BLACK: B250



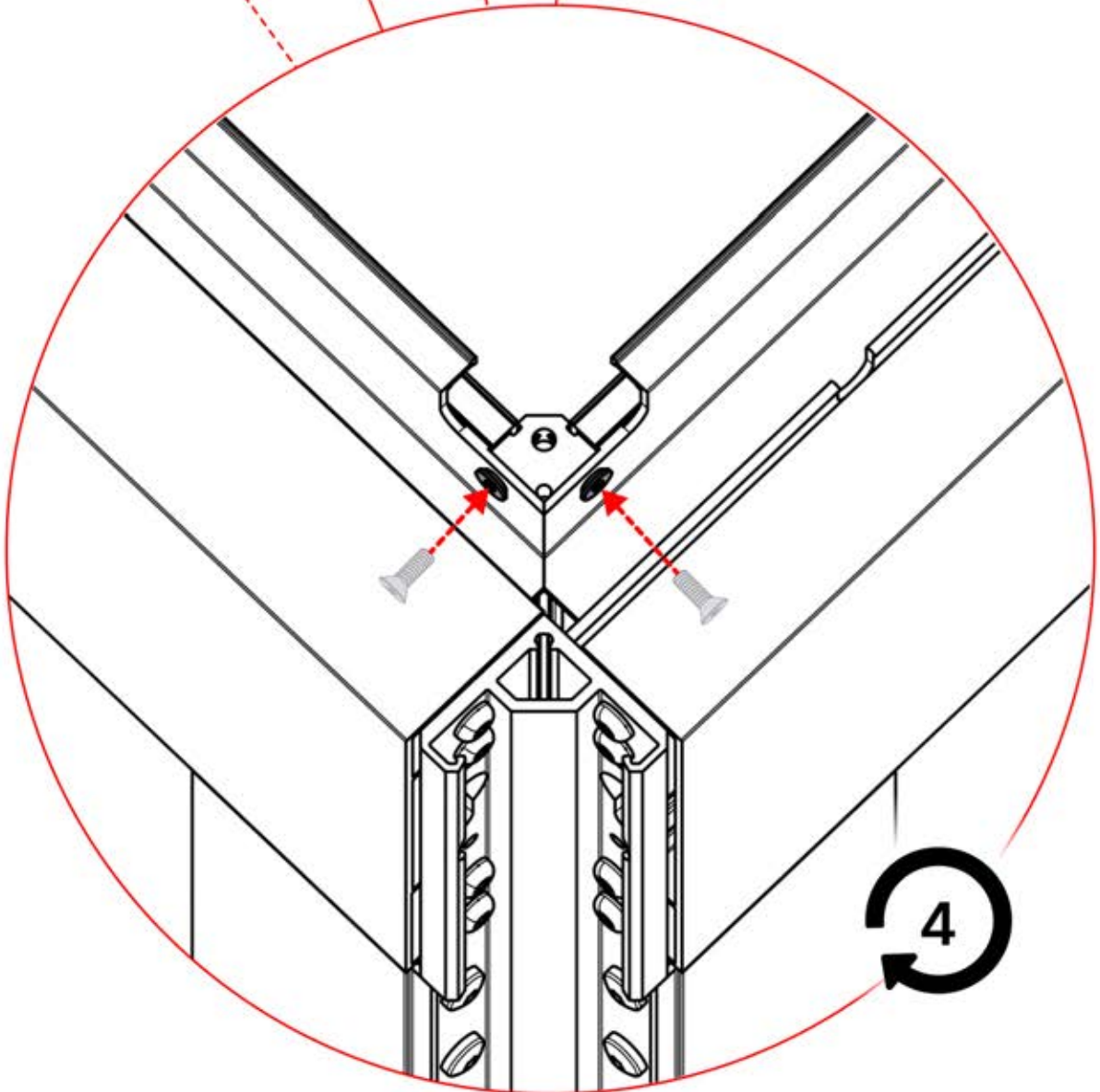
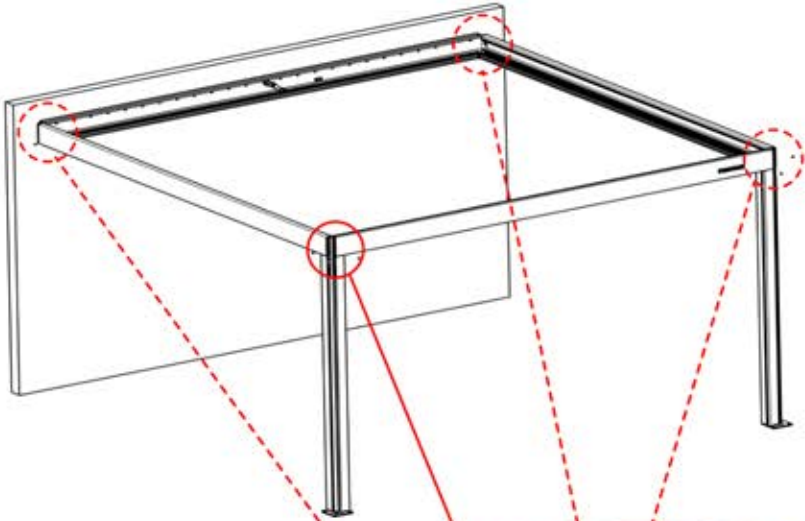
PN-200000568
8x



16

 **4**
ANTHRACITE: B246
WHITE: B254
BLACK: B250

 PN-200000569
8x



17

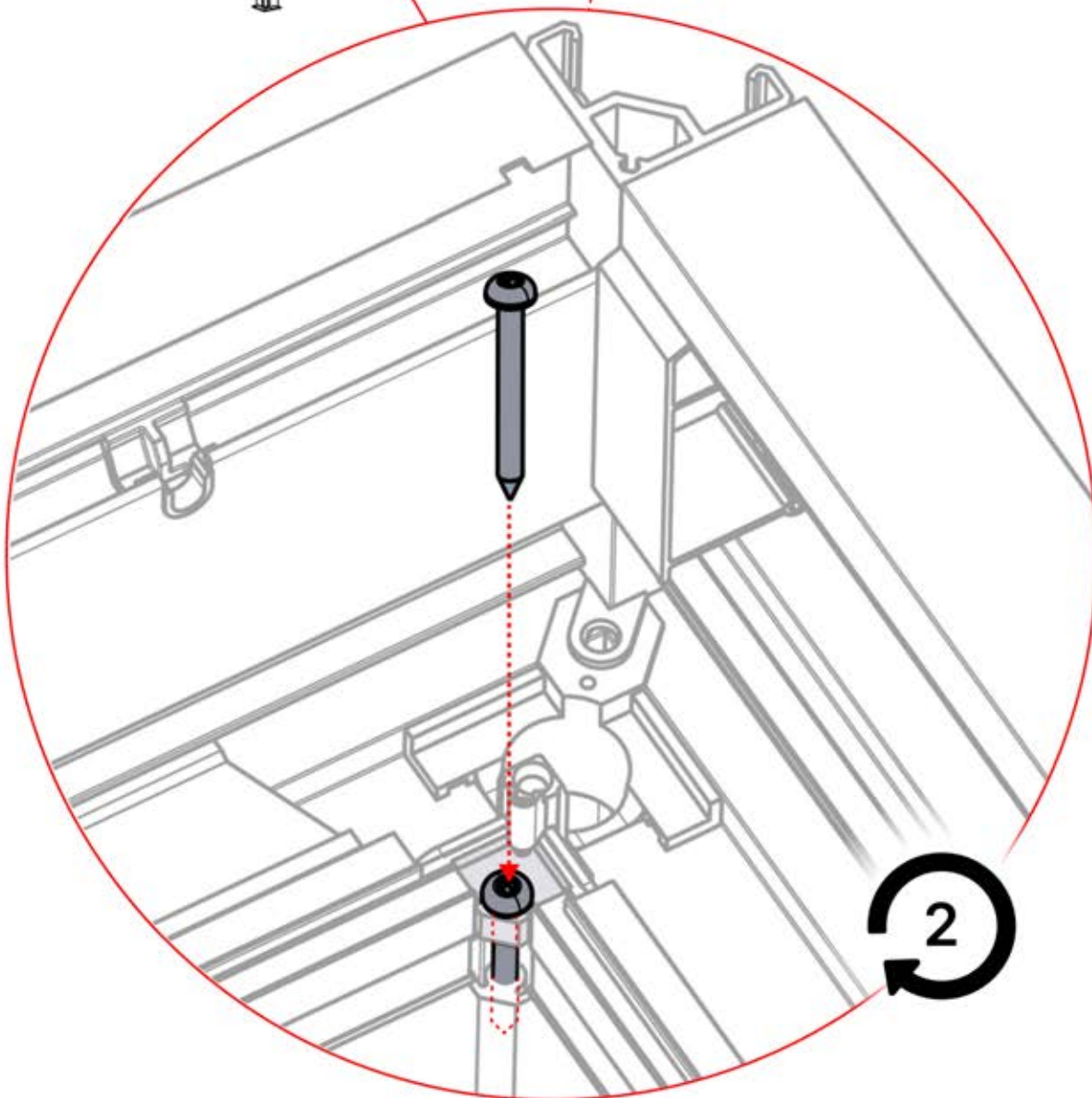
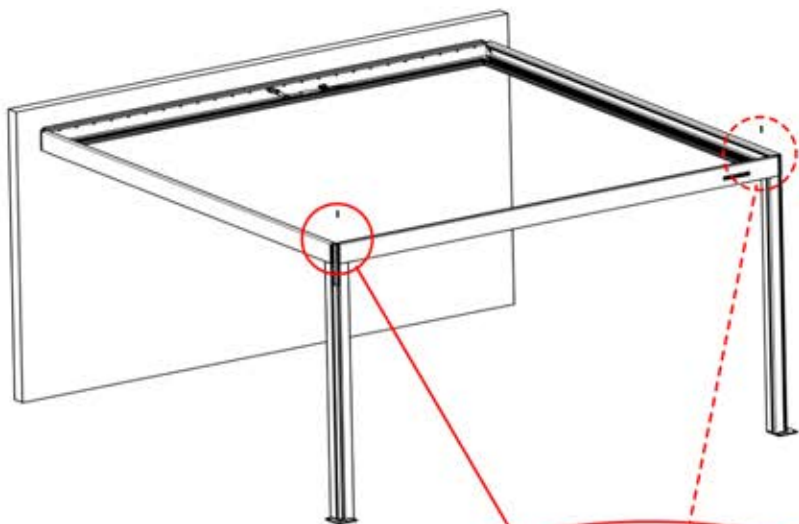
x7
PERGOLUX

4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200000568
2x

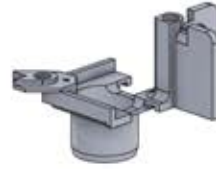


18



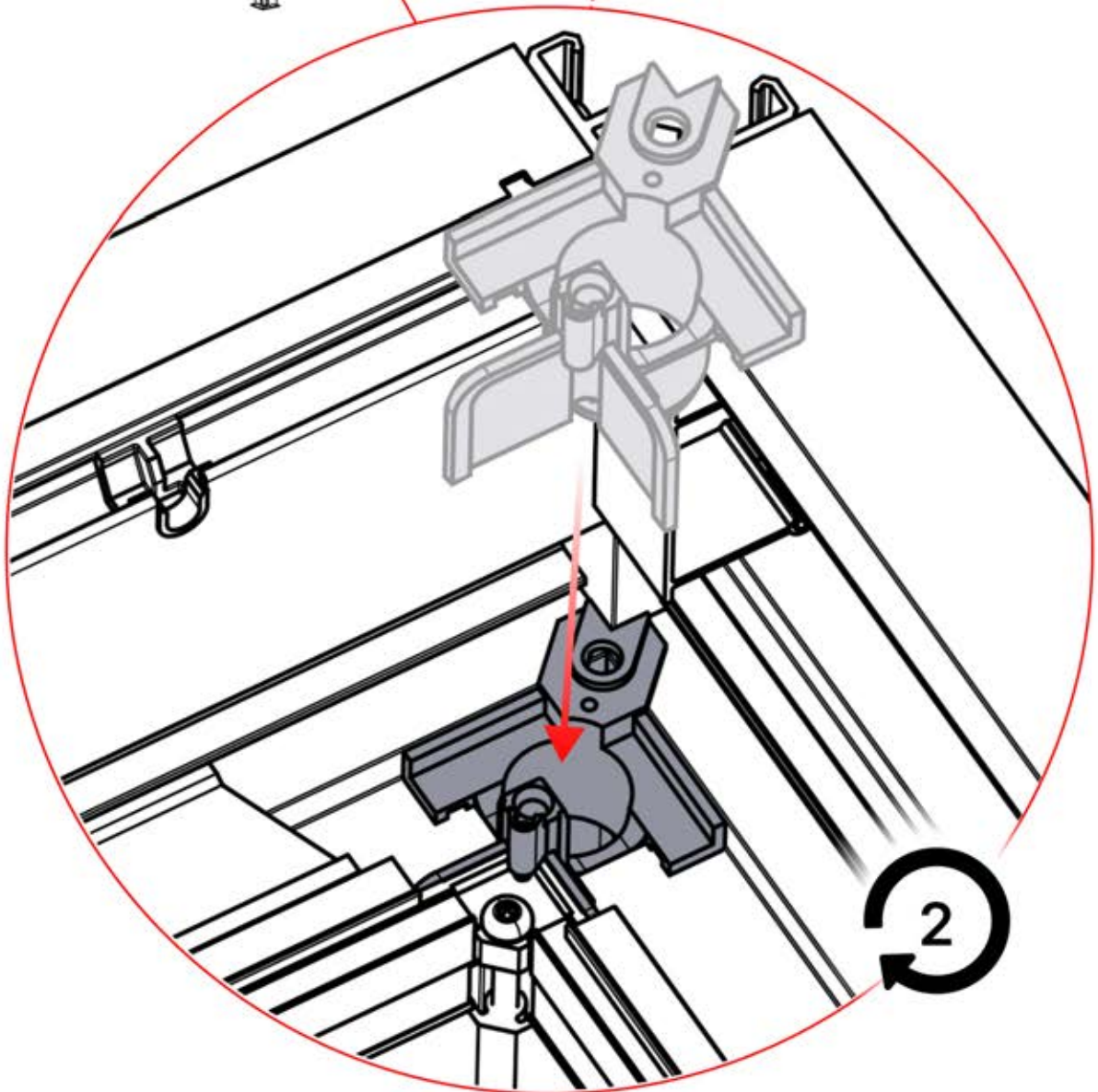
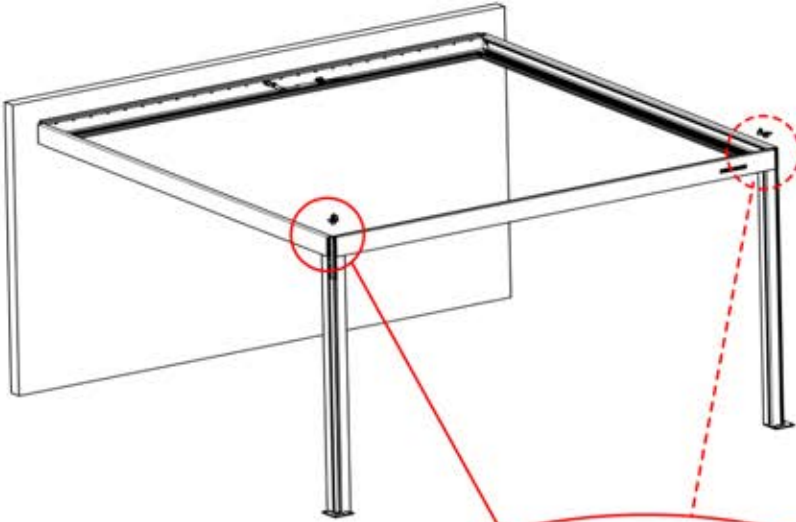
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200002617

2x




19

x1
FERGOLUX

4

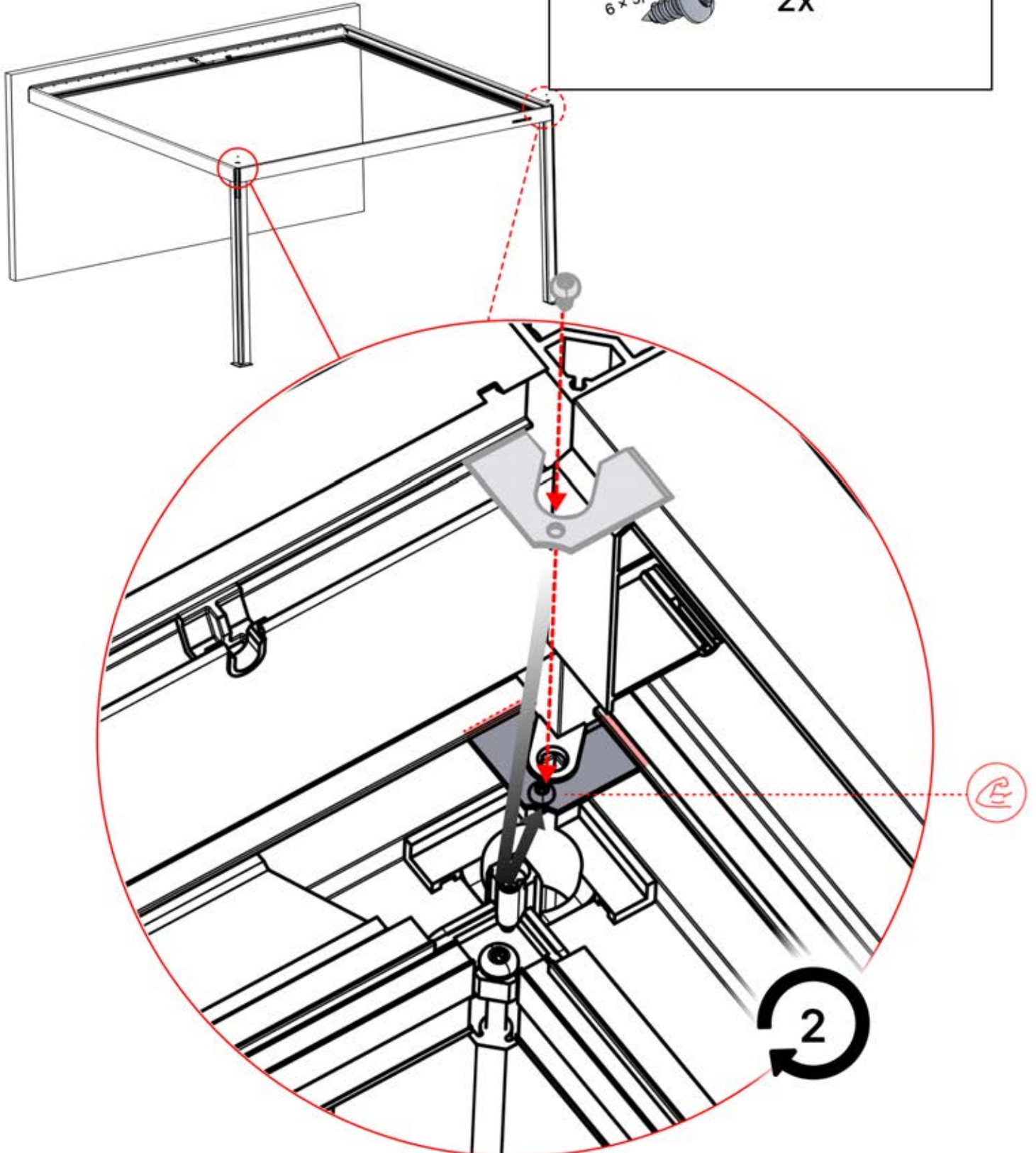

ANTHRACITE: B246
WHITE: B254
BLACK: B250

PN-200002618
2x



PN-200000571
2x

3.5x8
6 x 5/16"

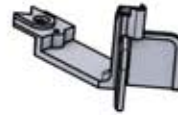


20



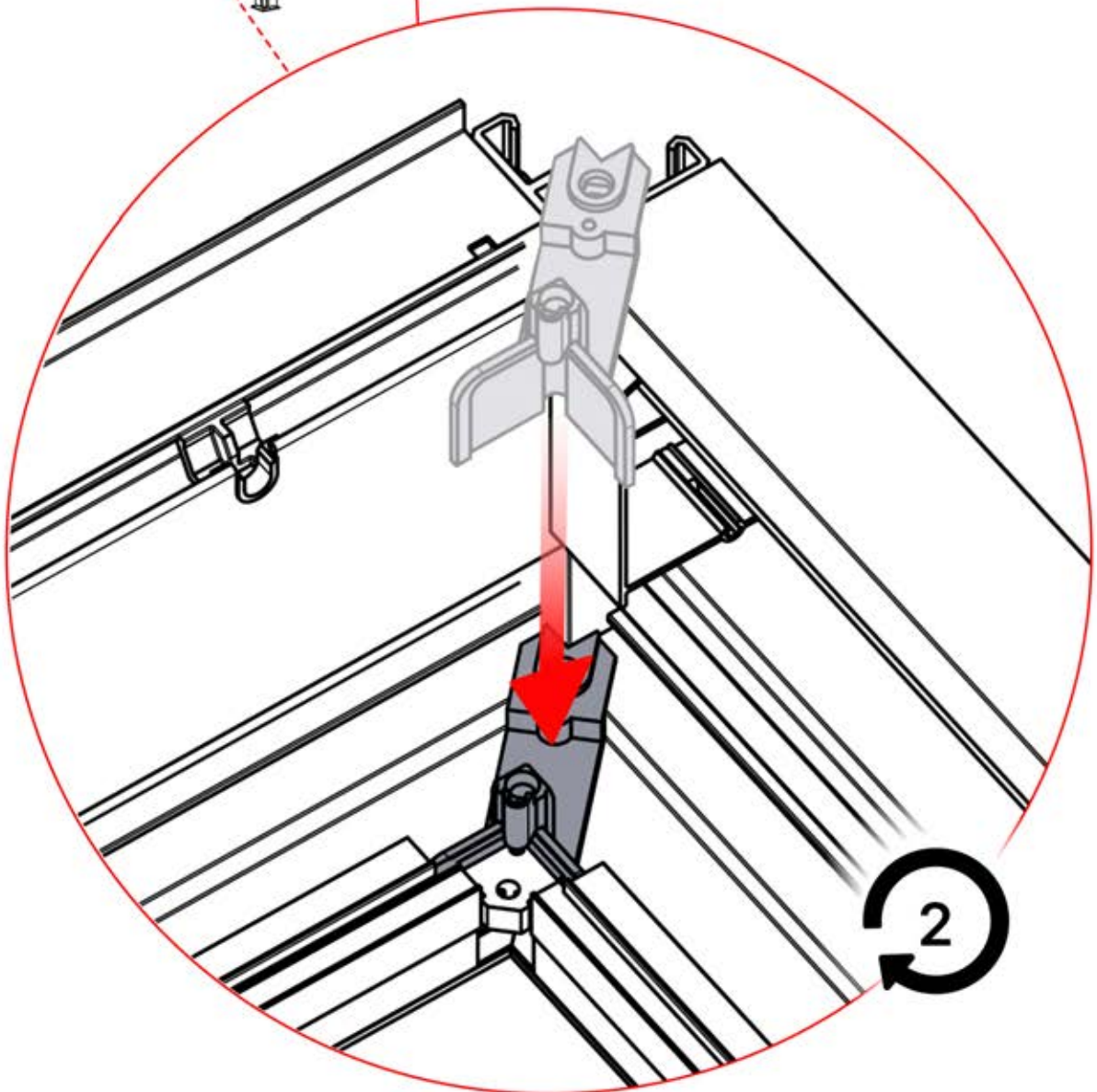
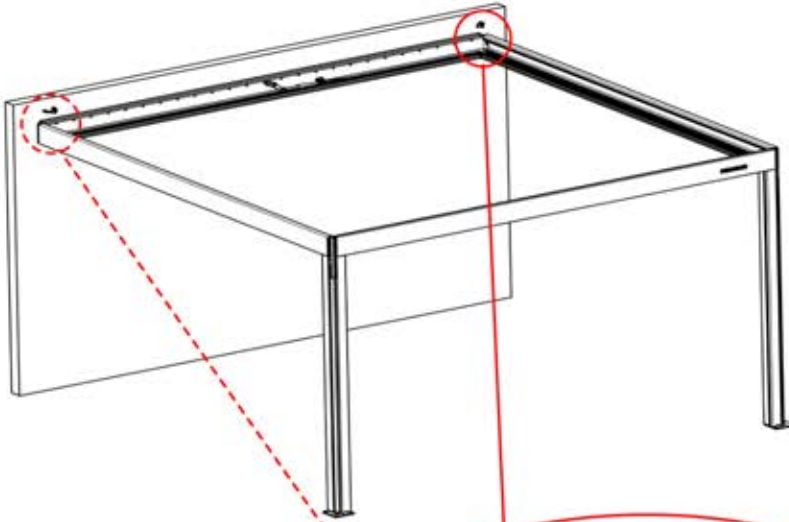
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200002792

2x



21

x7
PERGOLUX

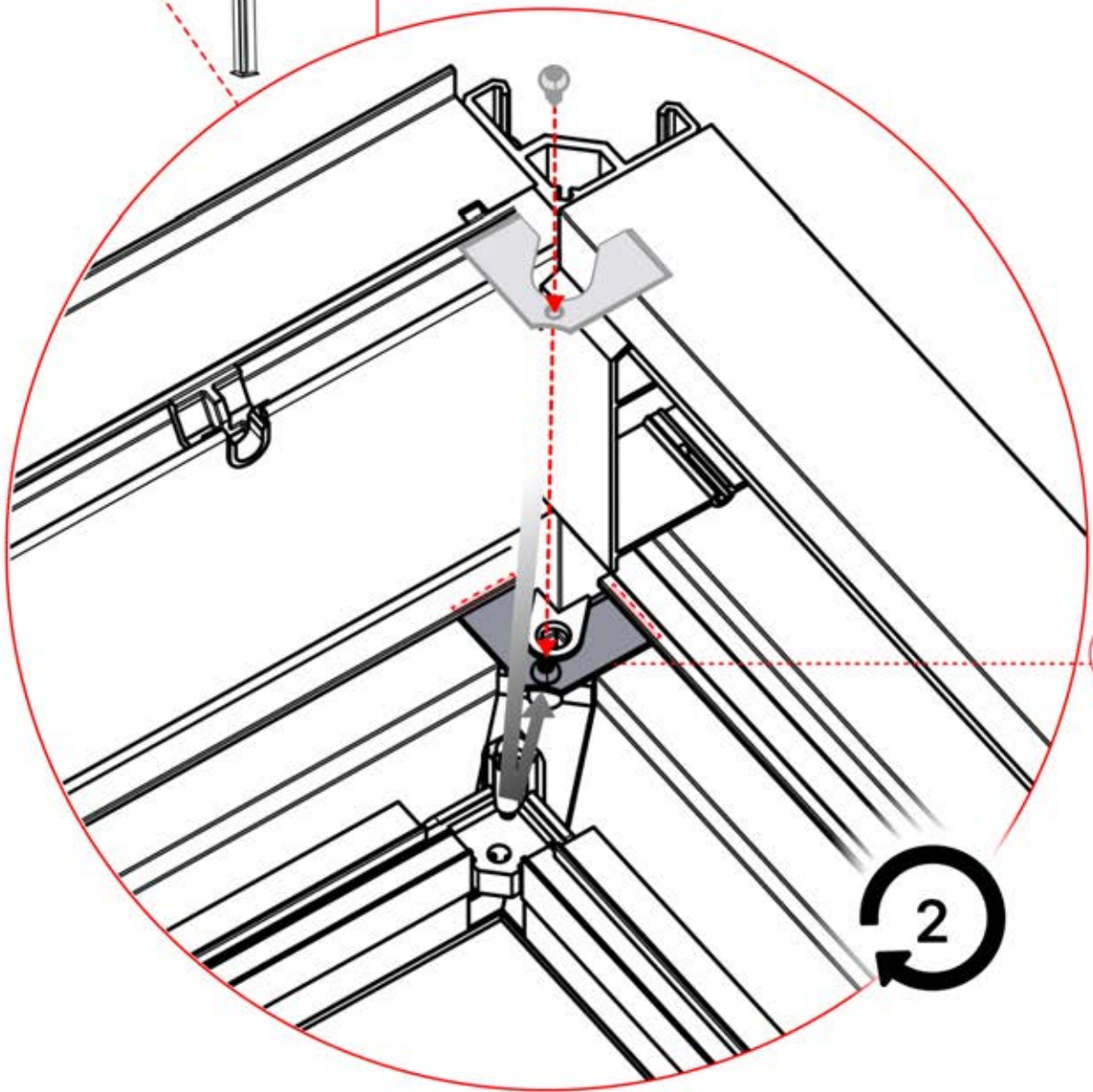
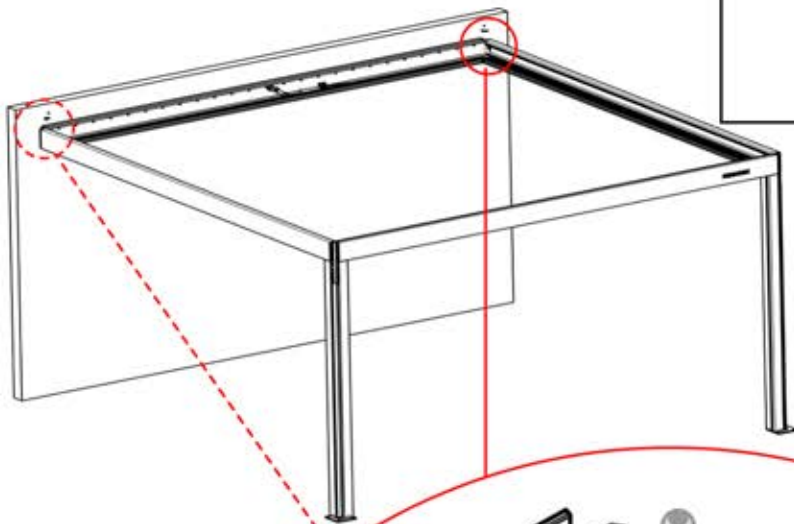
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

PN-200002618
2x

PN-200000571
2x

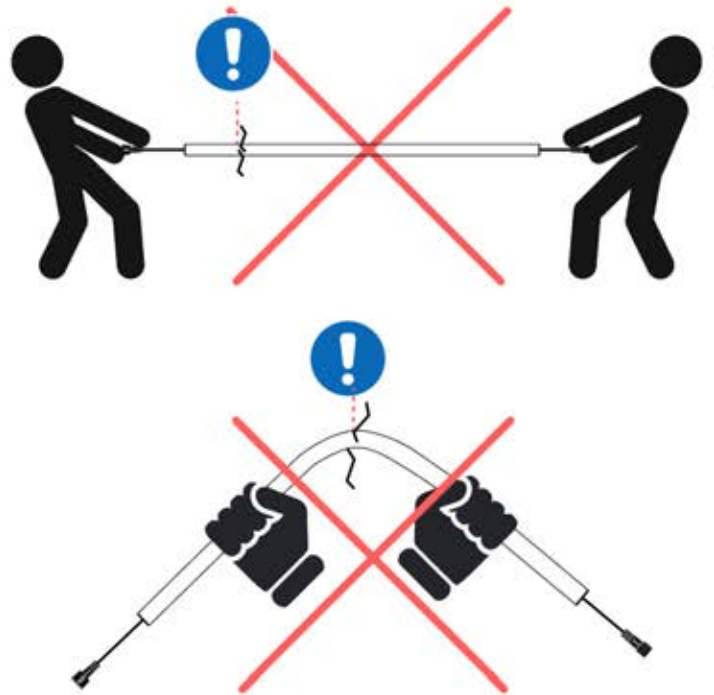
3.5x8
6 x 5/16"



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.

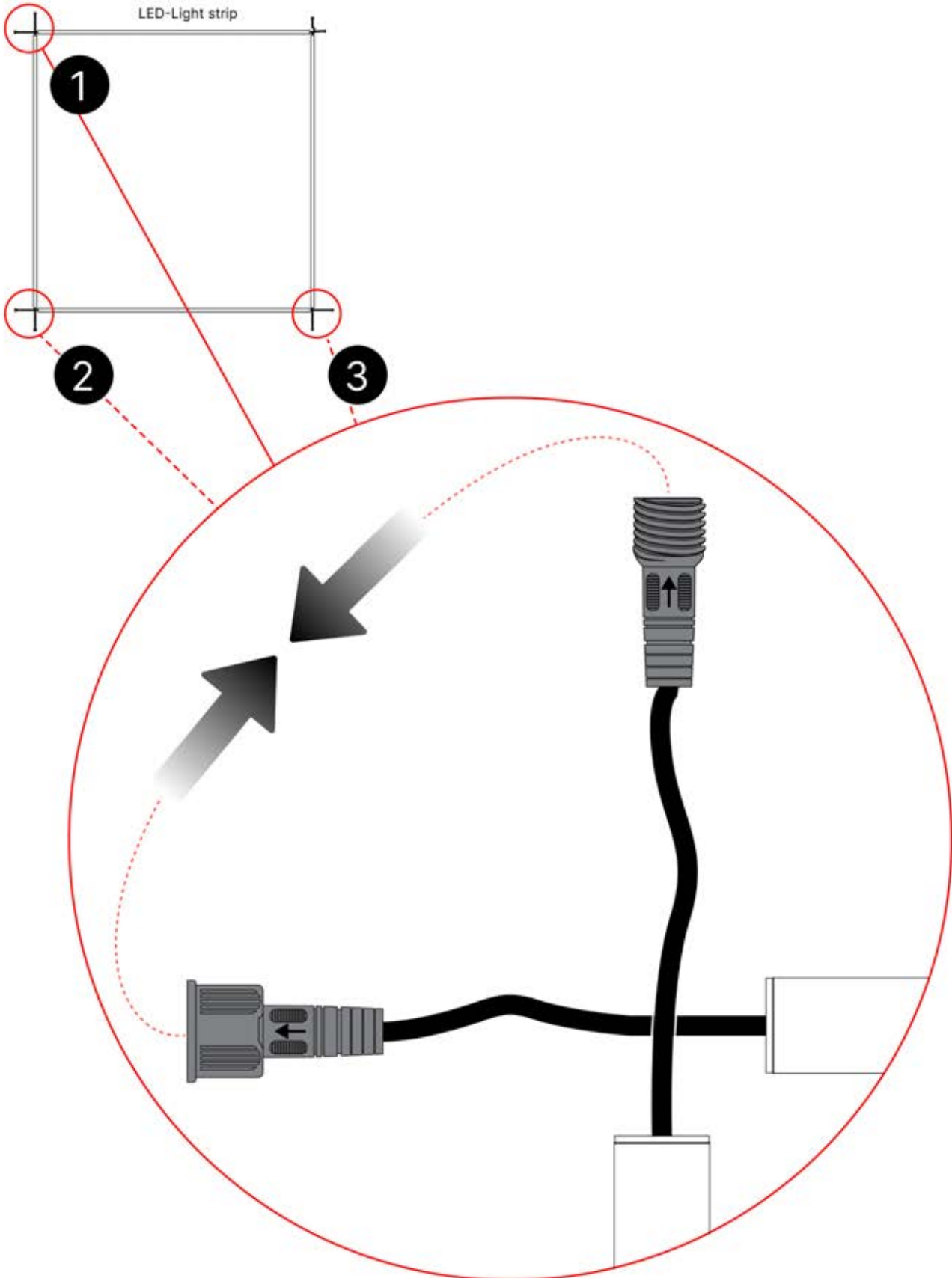


Important! Please watch all the videos before starting the assembly.

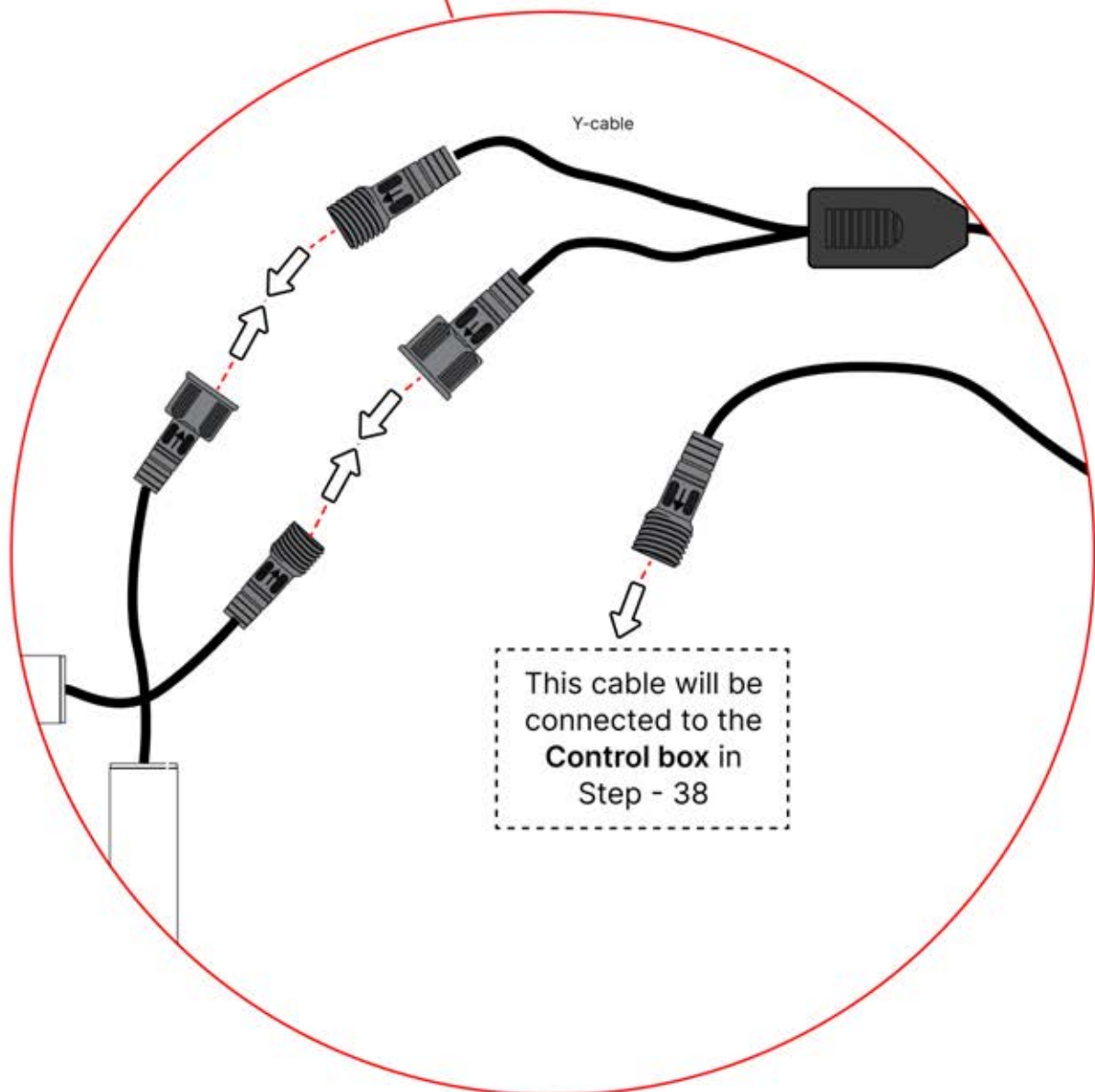
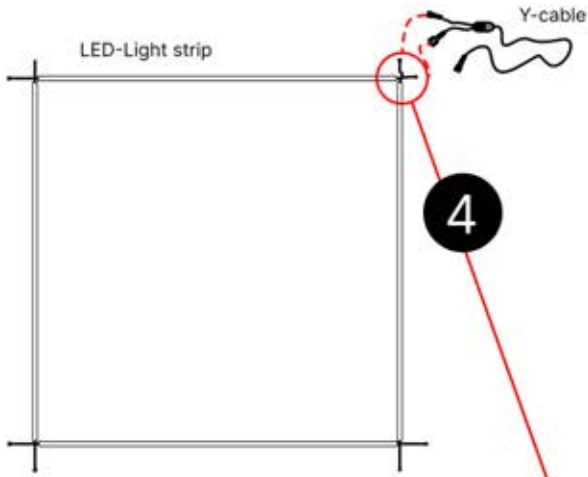
The videos contain important information relevant to the assembly process.



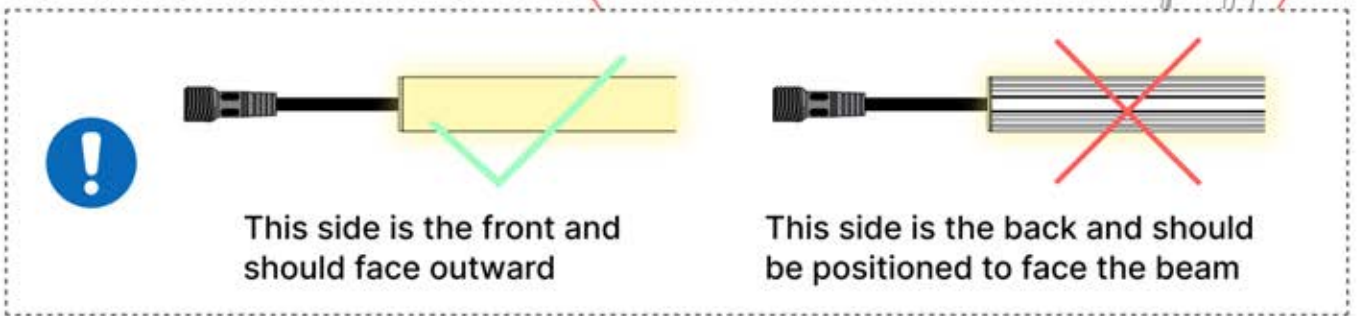
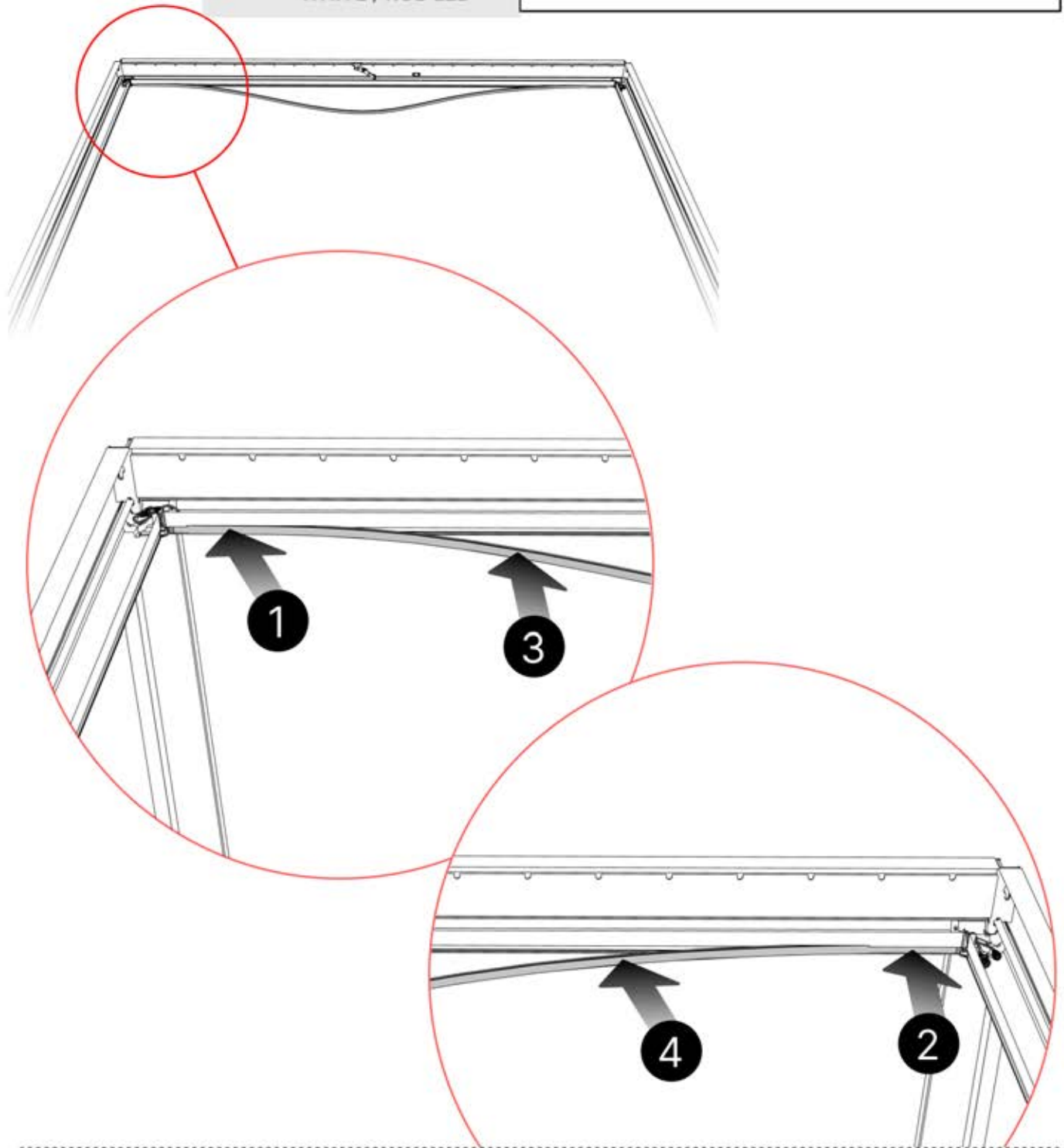
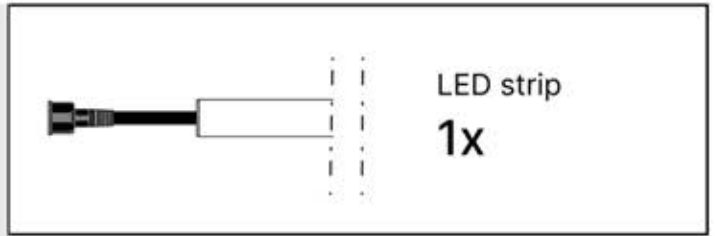
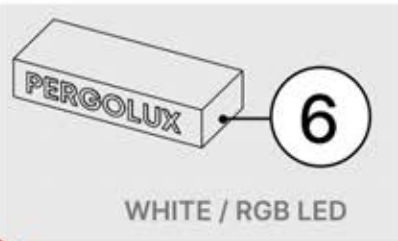
INFORMATION



INFORMATION



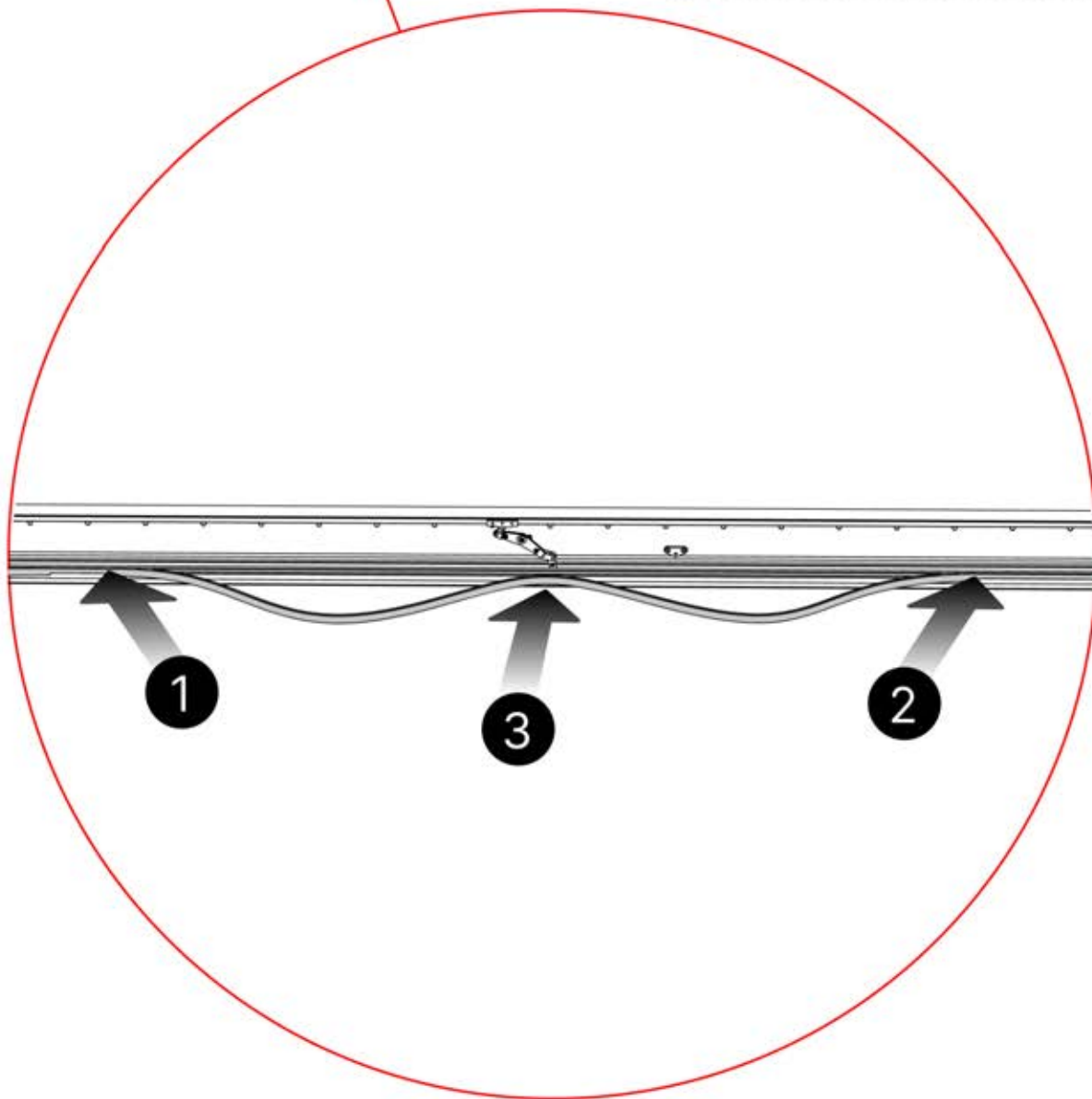
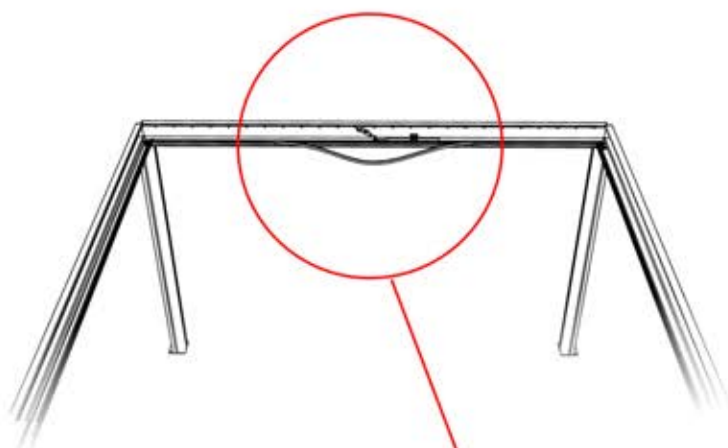
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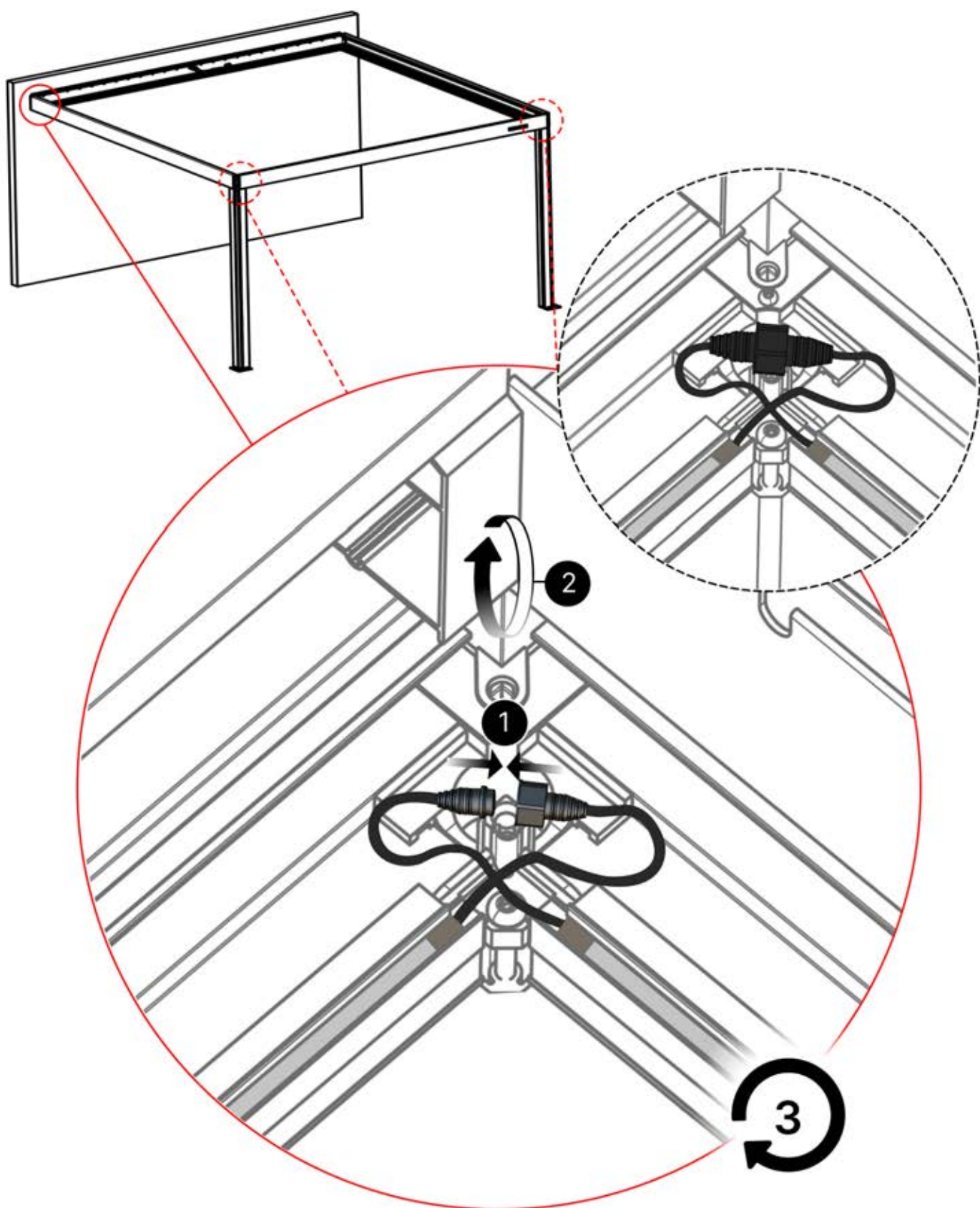
23



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



24

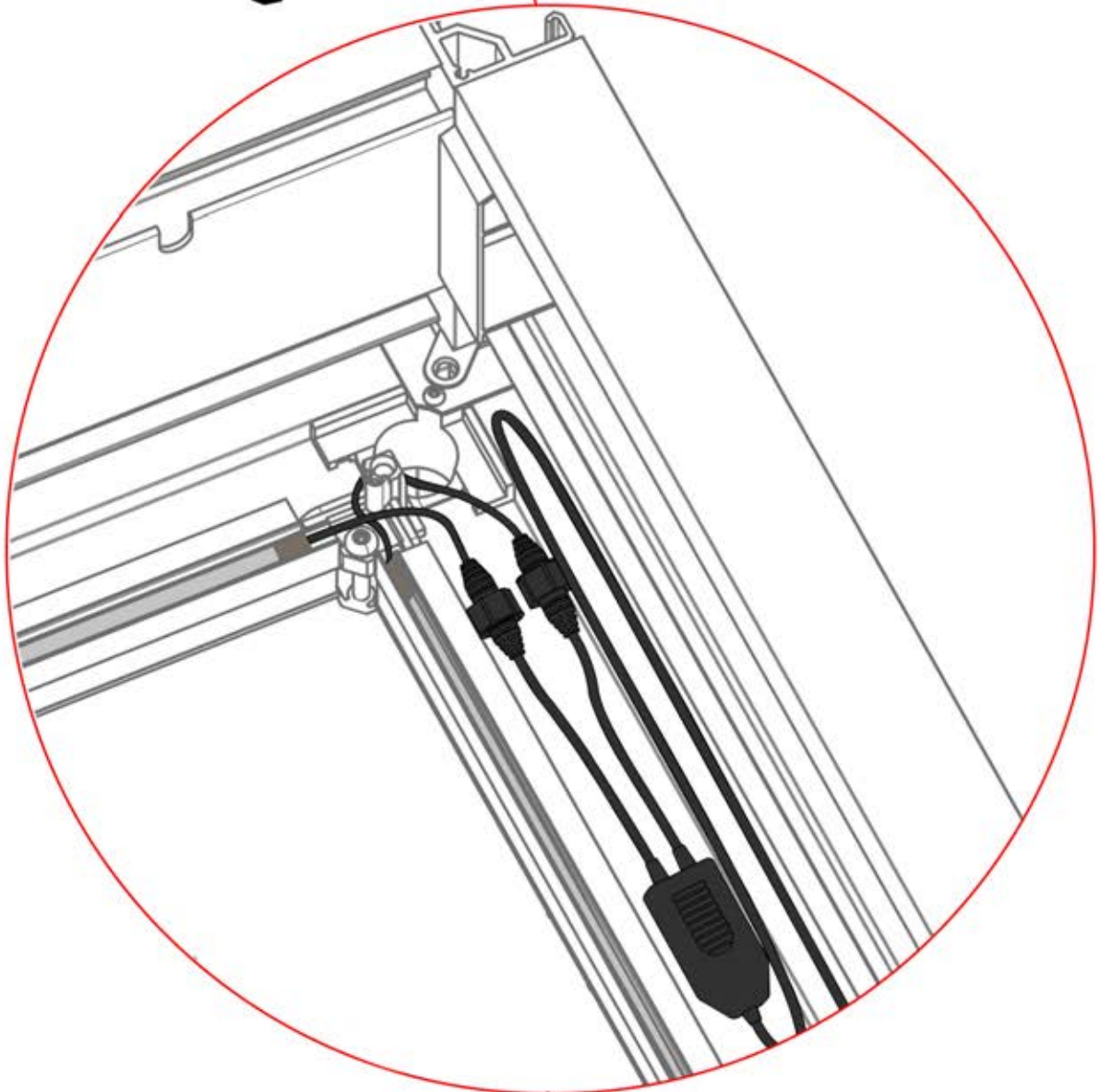
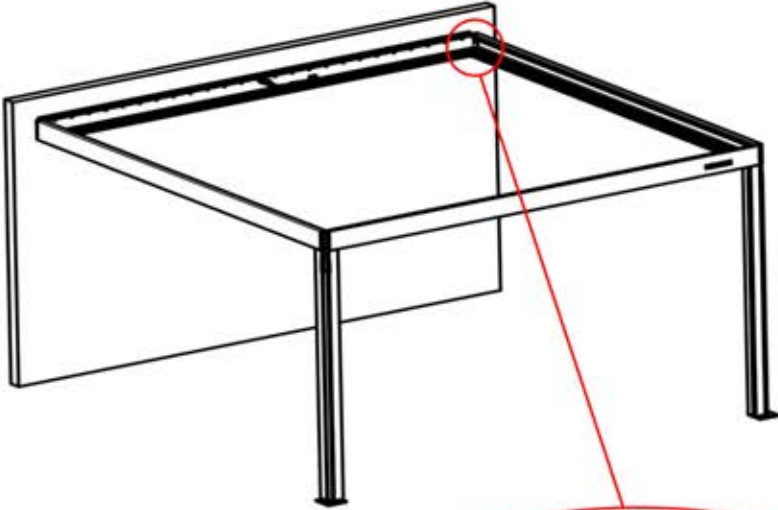


25


 **6**

WHITE / RGB LED

 Y - cable
1x

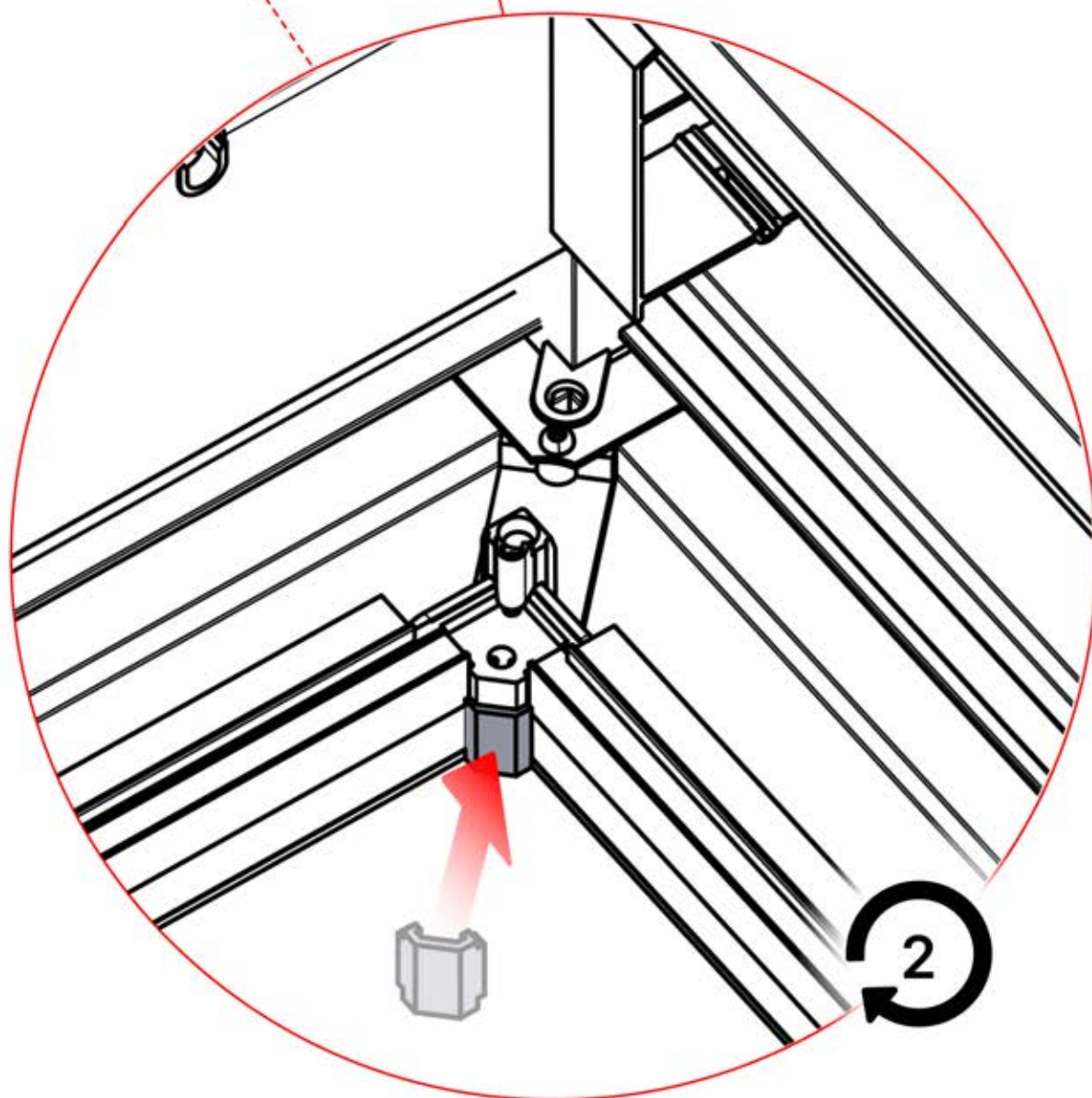
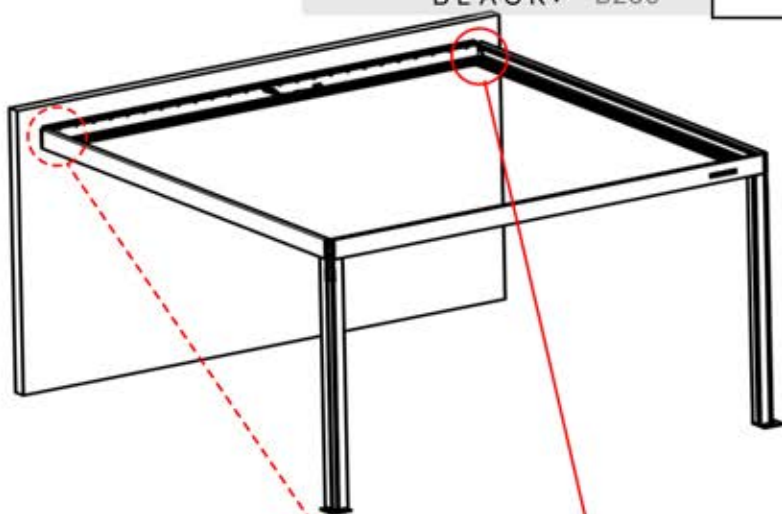


26

 **4**

ANTHRACITE:	B246
WHITE:	B254
BLACK:	B250

 PN-200000516
2x

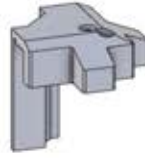


27



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



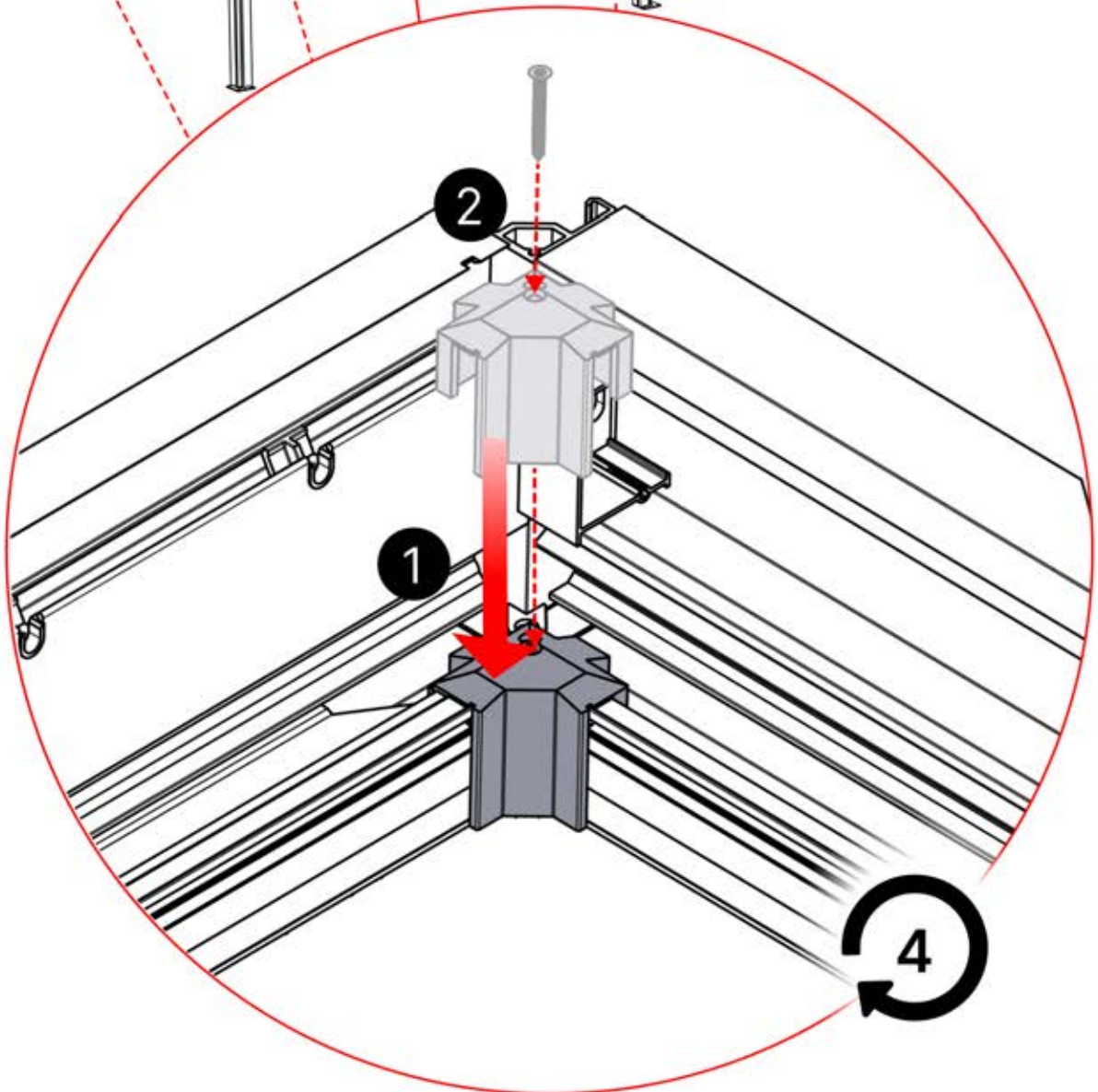
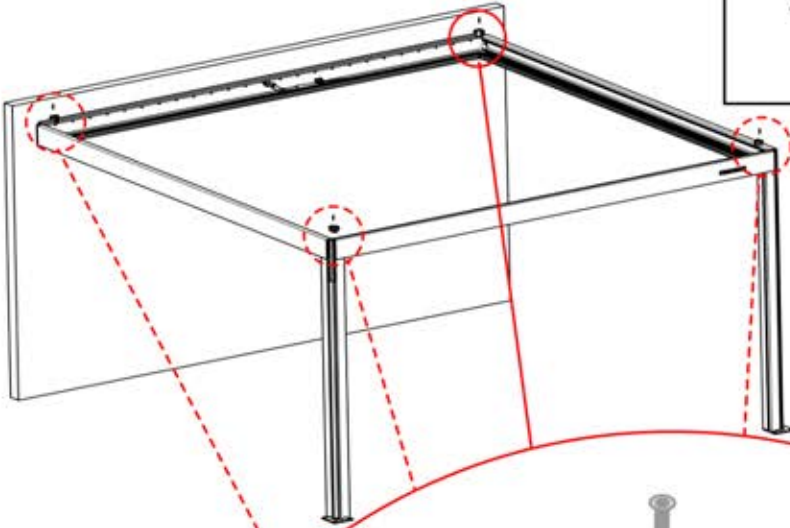
PN-200002625

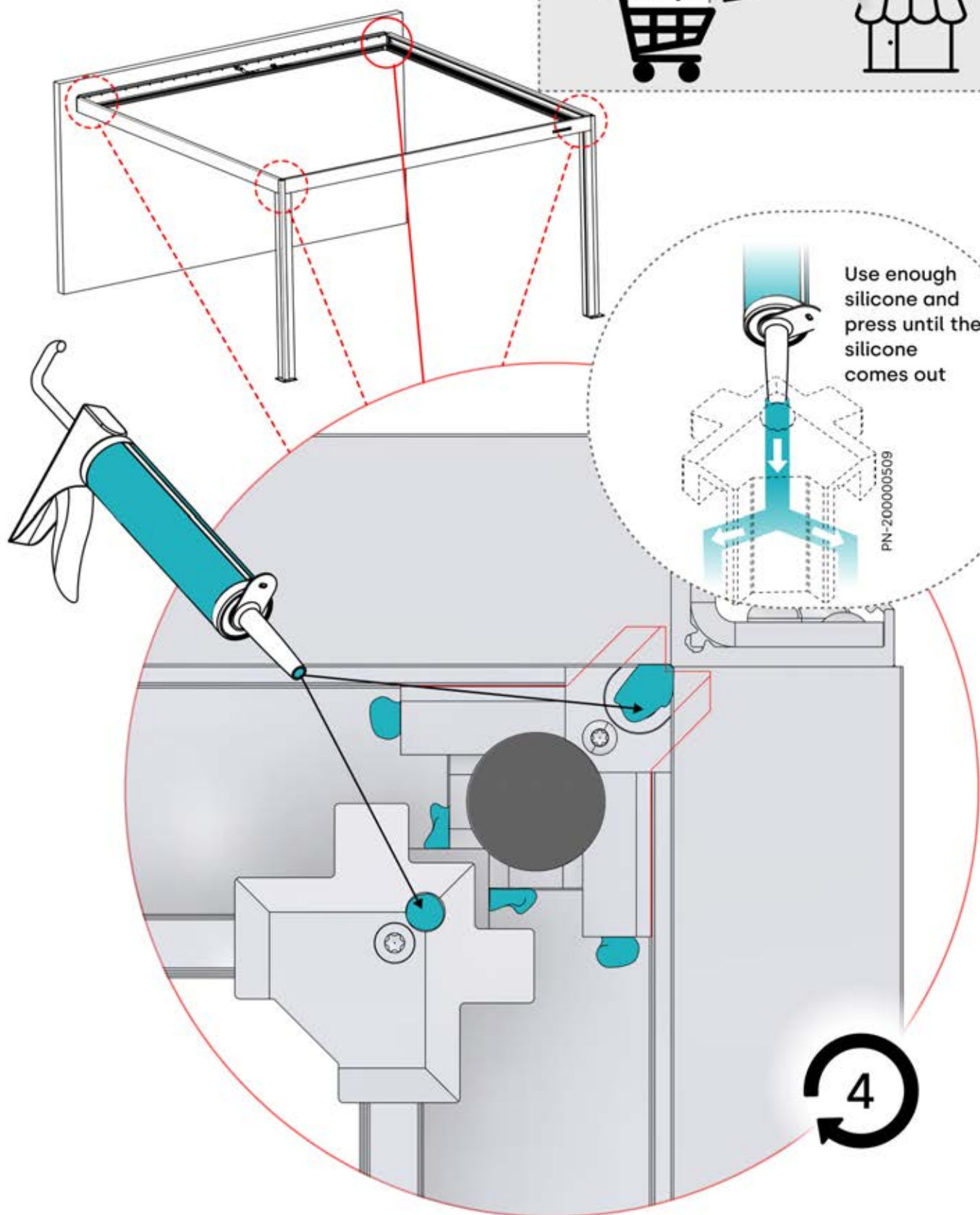
4x

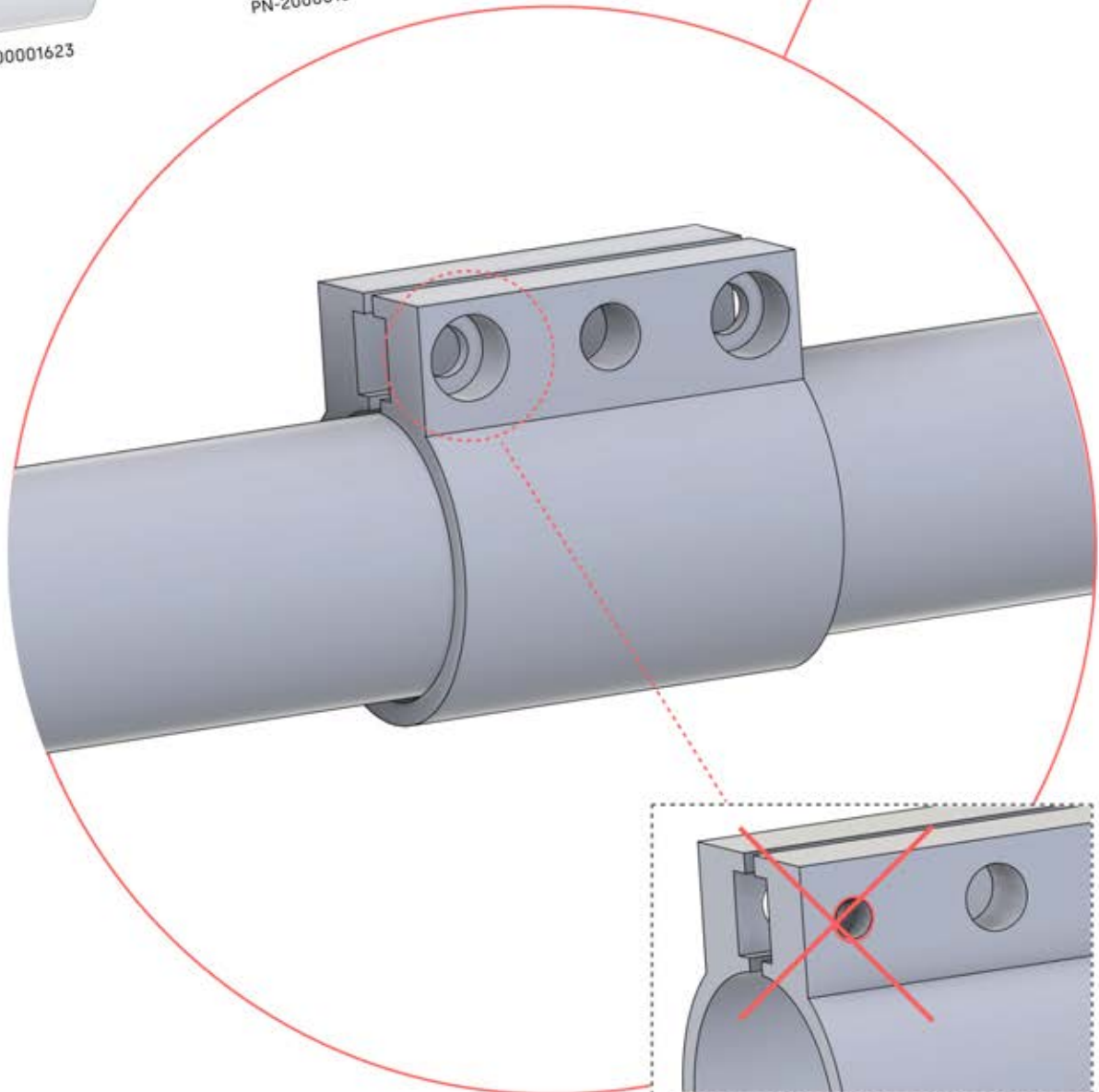
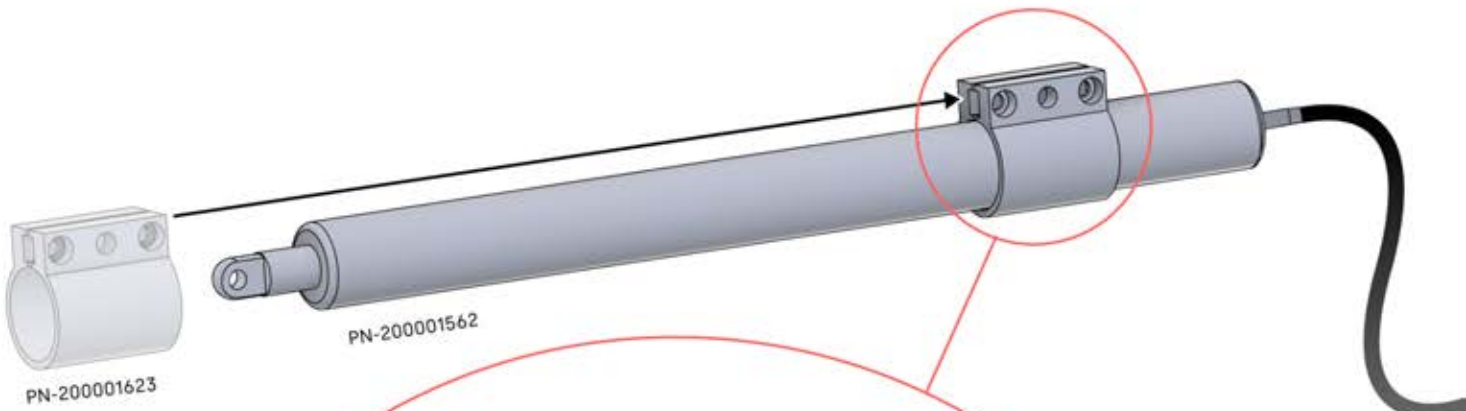
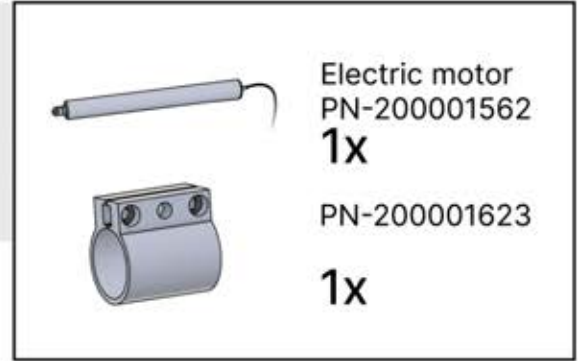
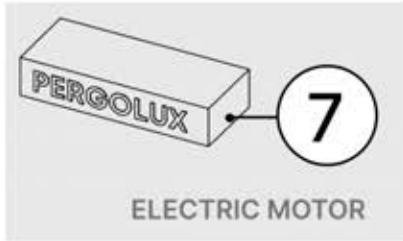


PN-200000960

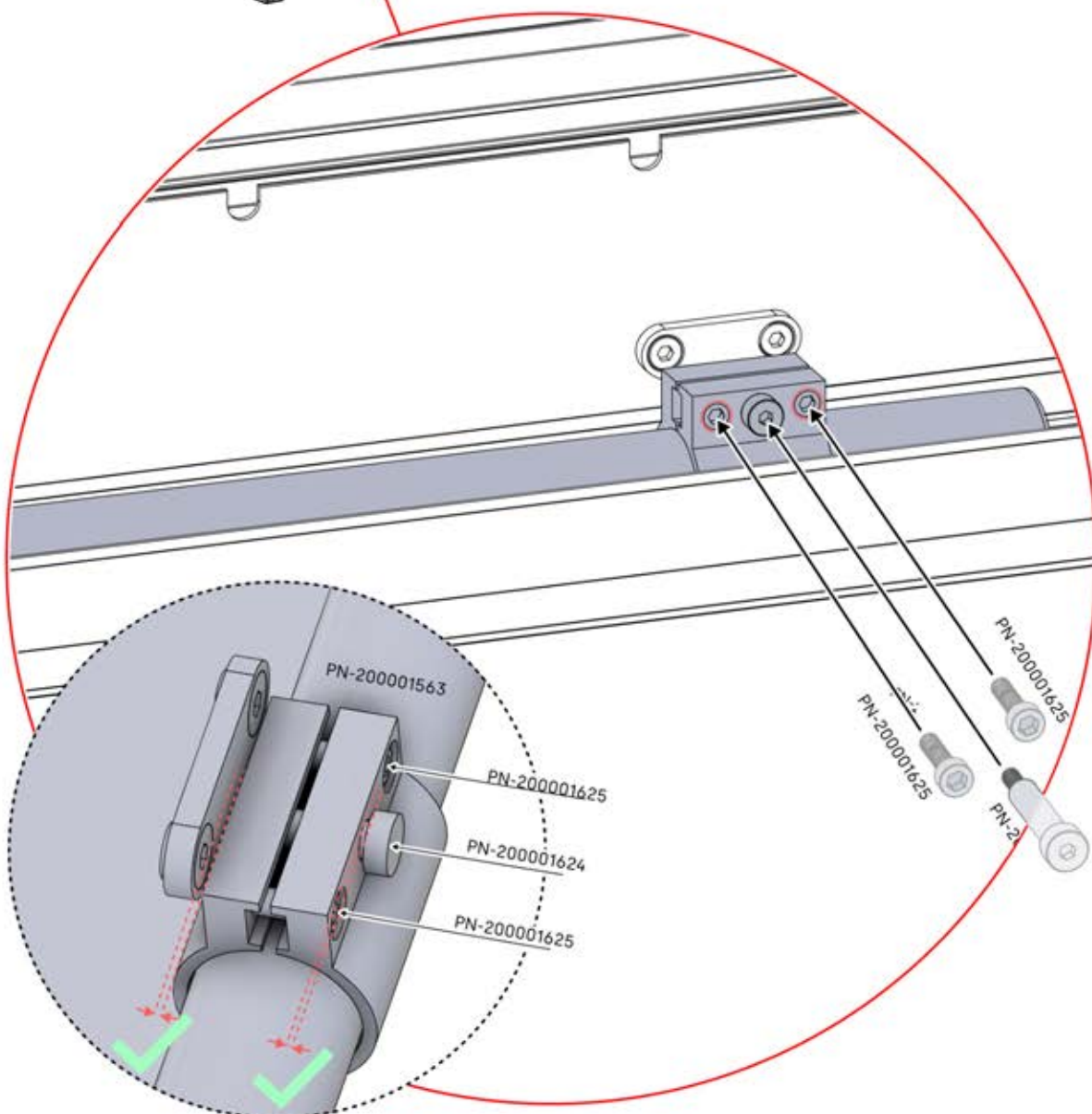
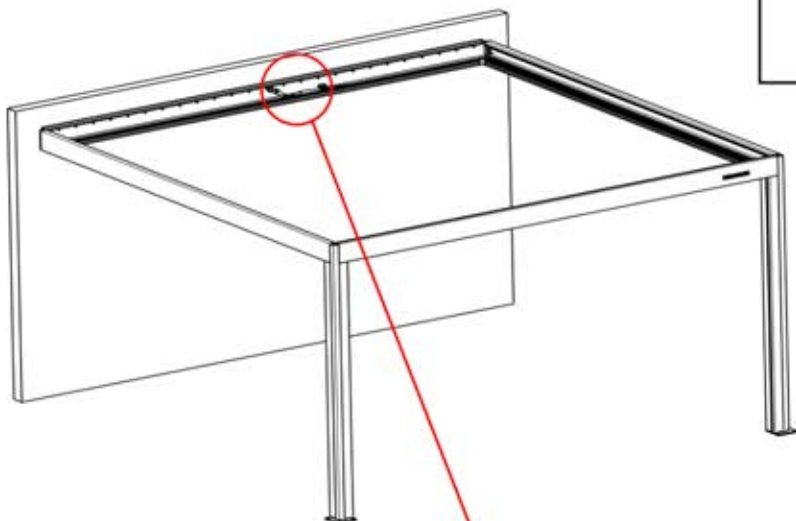
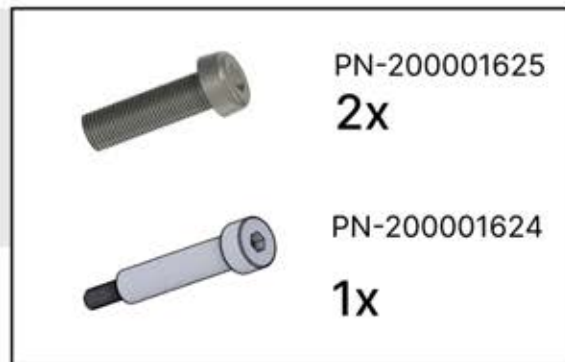
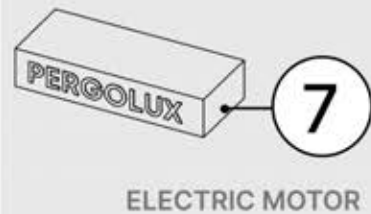
4x







30

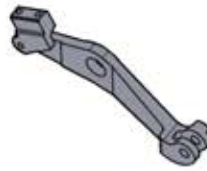


31



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200003372
1x



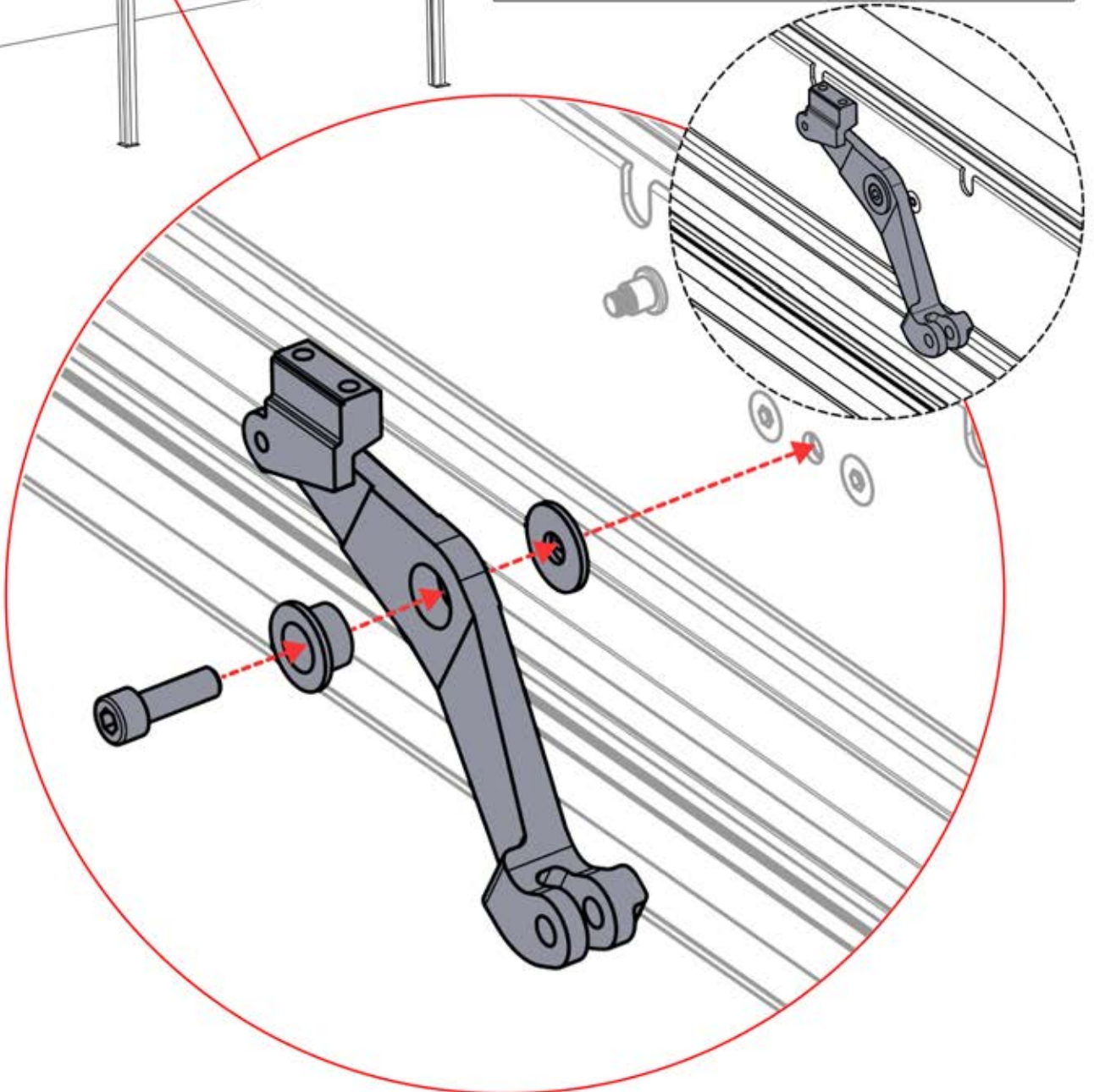
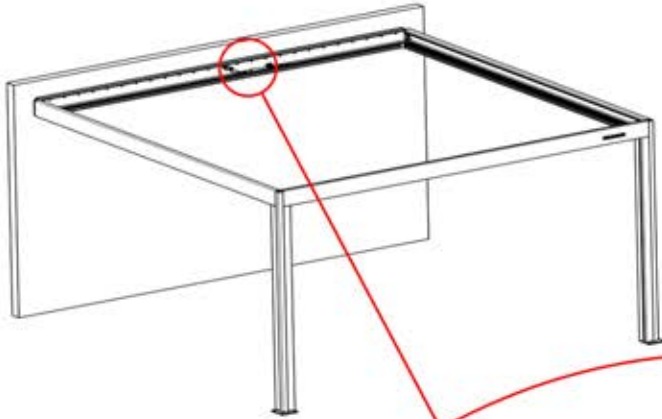
PN-20000502
1x




PN-200003373
1x



PN-20000561
1x




32




7

ELECTRIC MOTOR




4

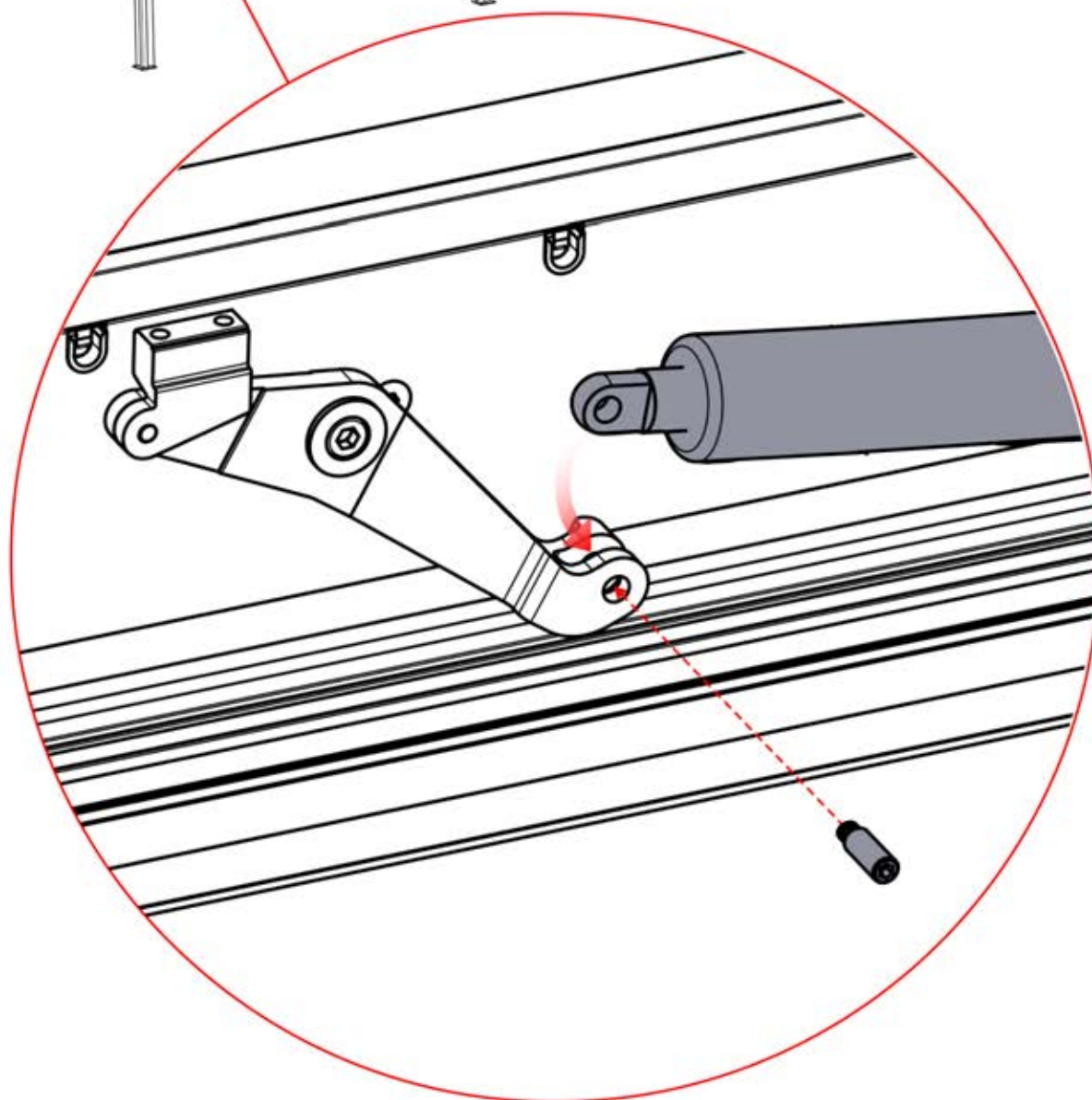
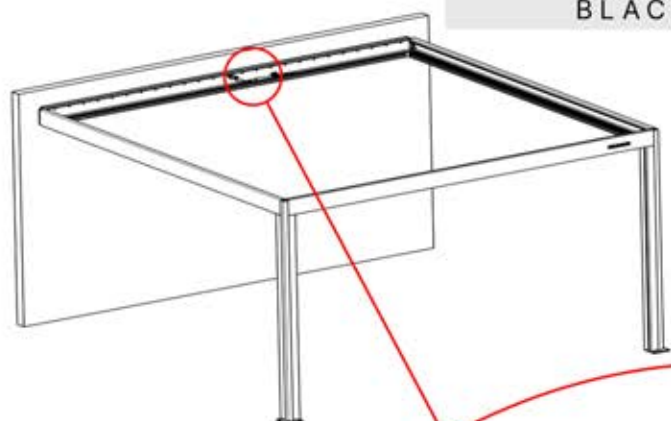
ANTHRACITE: B246
WHITE: B254
BLACK: B250



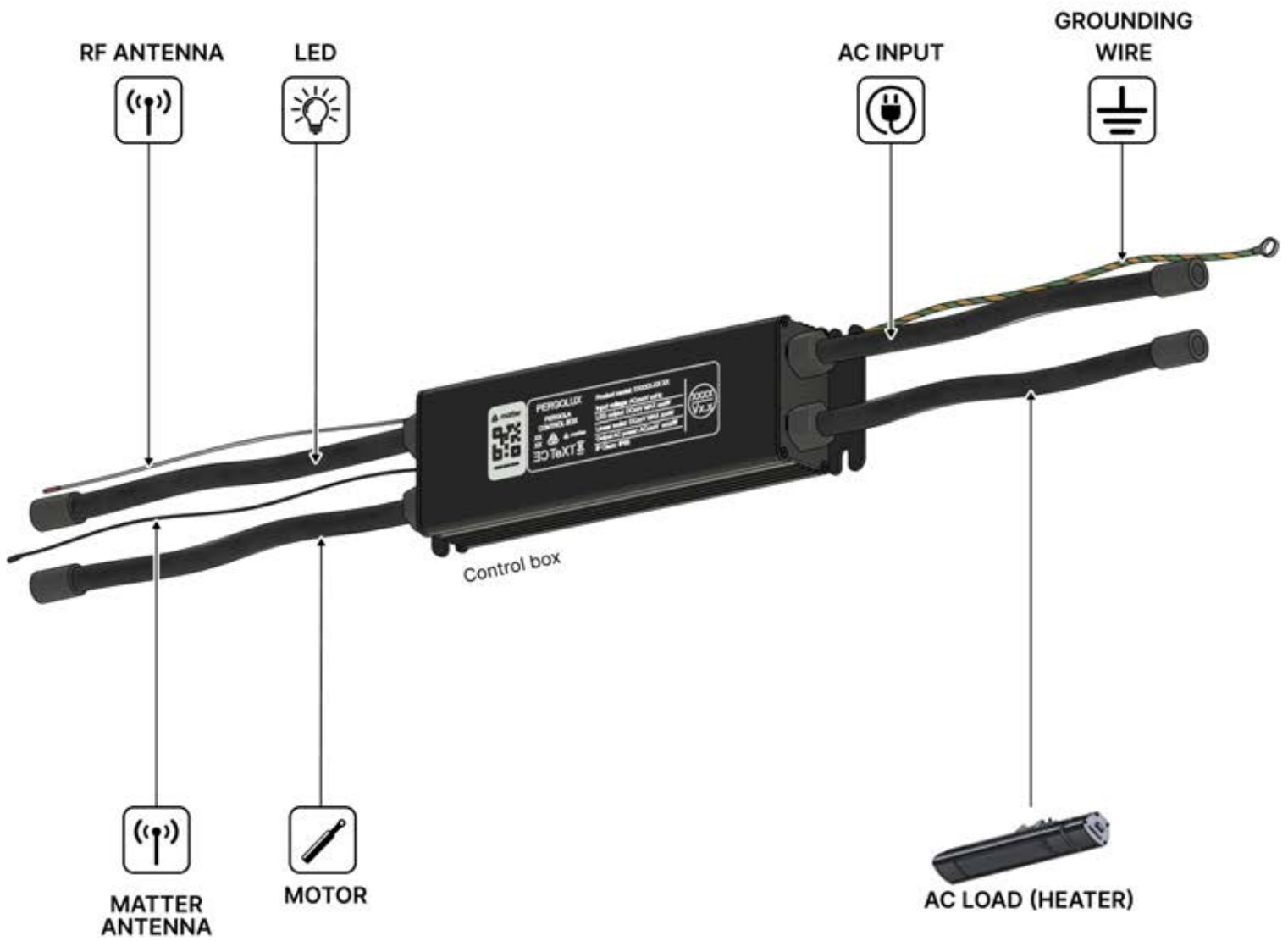
PN-200001562
1x



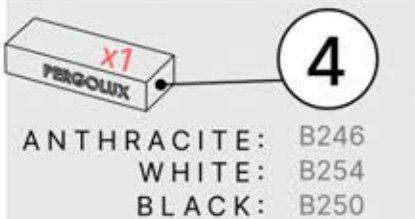
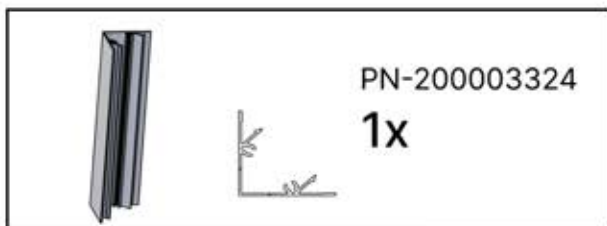
PN-200001946
1x



INPUTS AND OUTPUTS

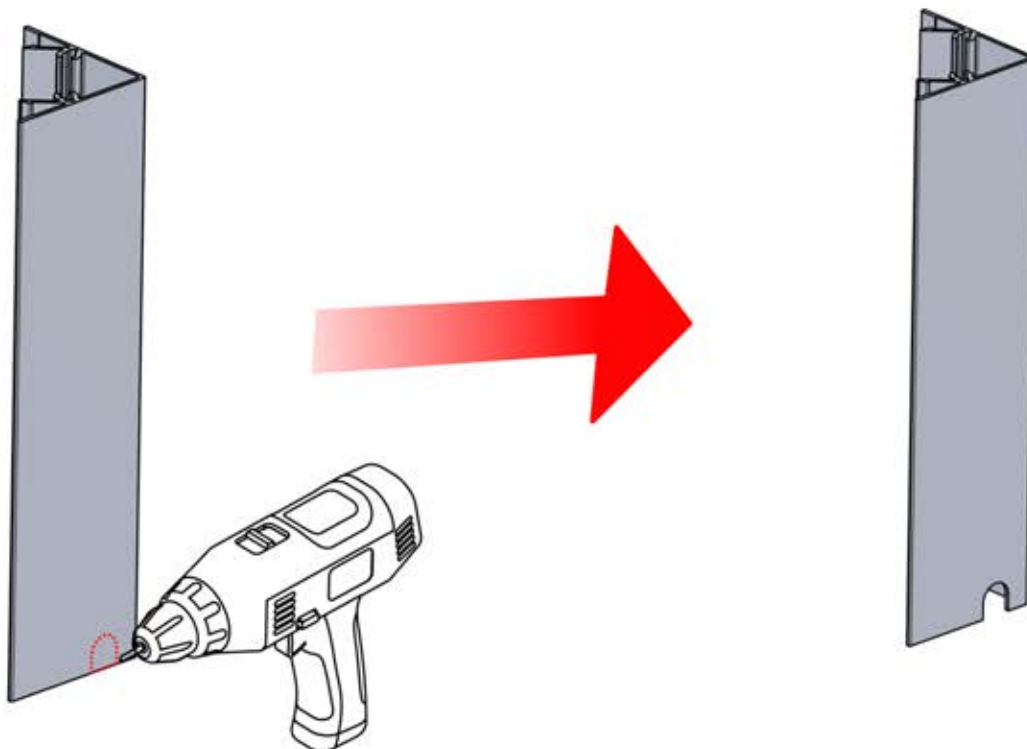


INFORMATION

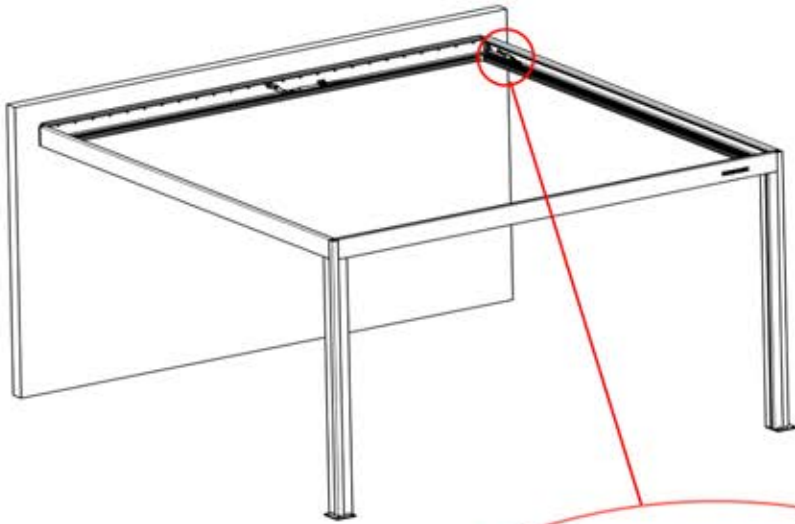
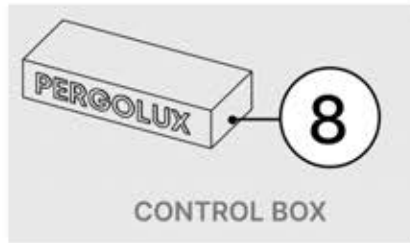


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200003324**) as illustrated. This allows the cable to pass through during installation in step 58.

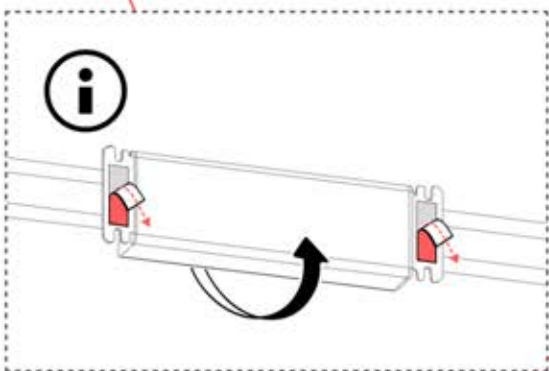
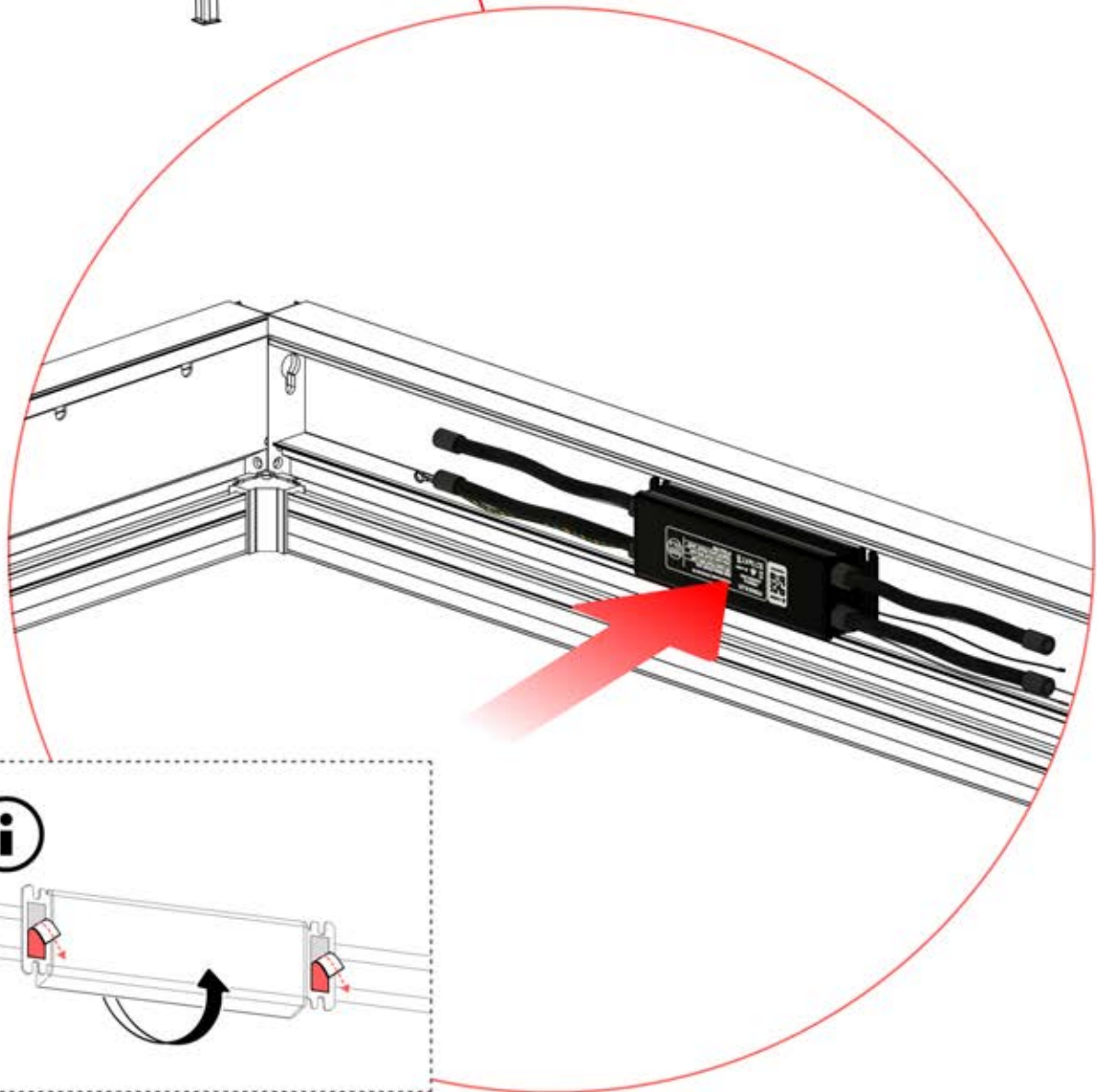
Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.




33




!
Control Box can be
installed on
Preferred W BEAM

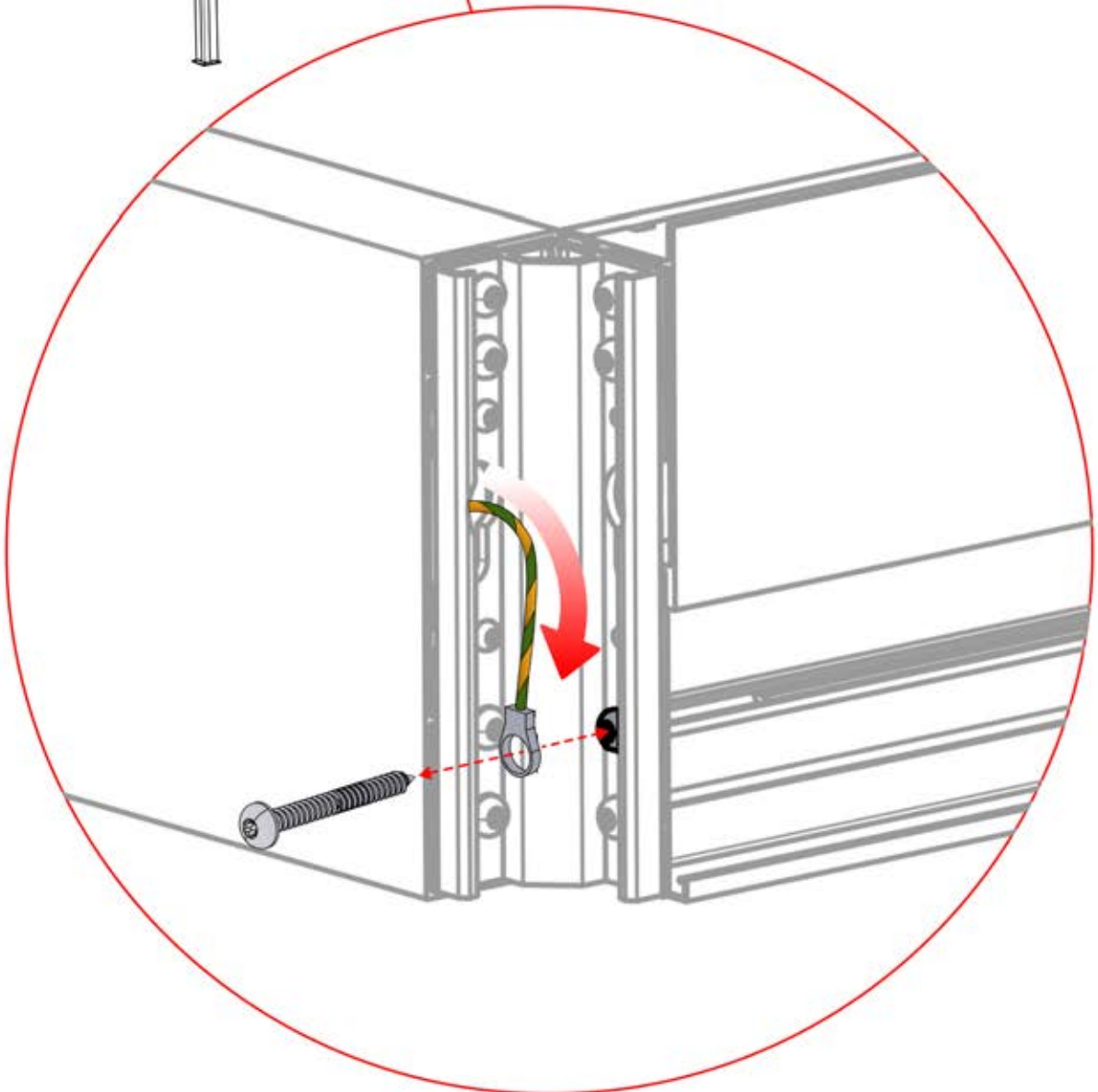
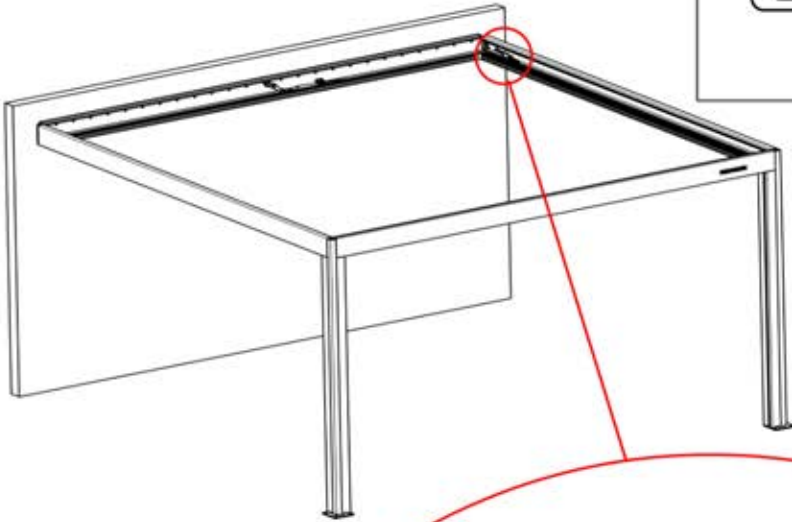


34

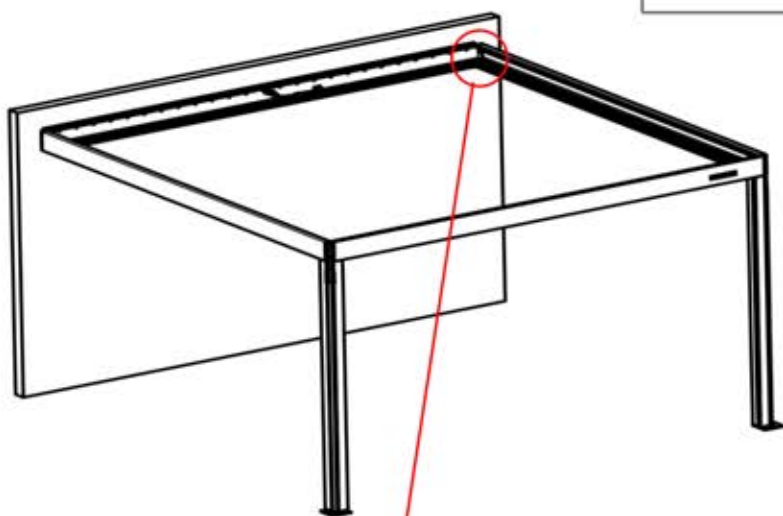
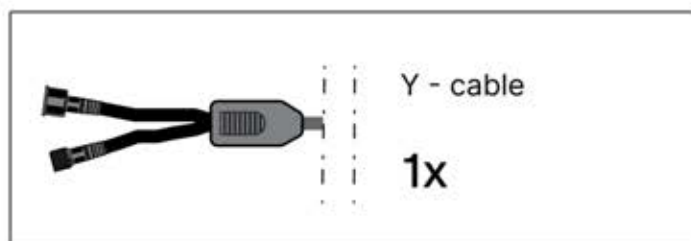
 **Connect grounding wire before connecting to power!**



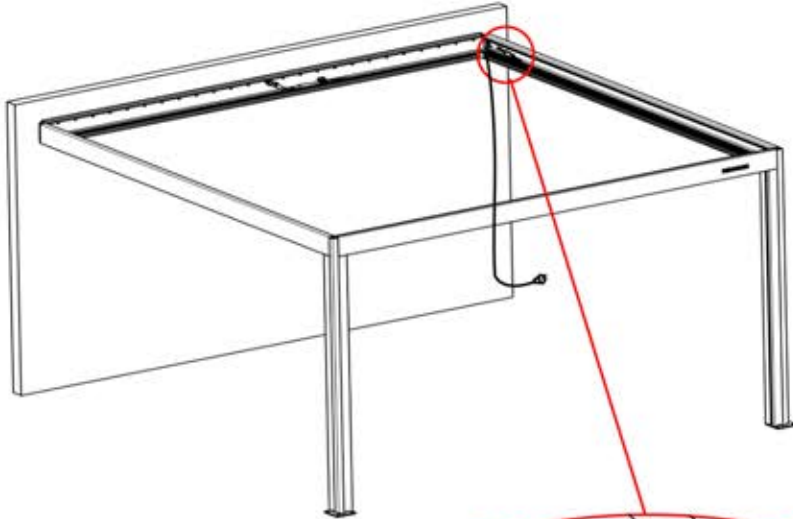
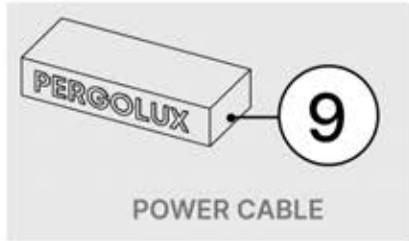
The diagram shows a power supply unit with a terminal block. A green and yellow striped grounding wire is being inserted into a terminal. A ground symbol (three horizontal lines of decreasing width) is shown to the left of the terminal, with an arrow pointing to the wire's connection point.



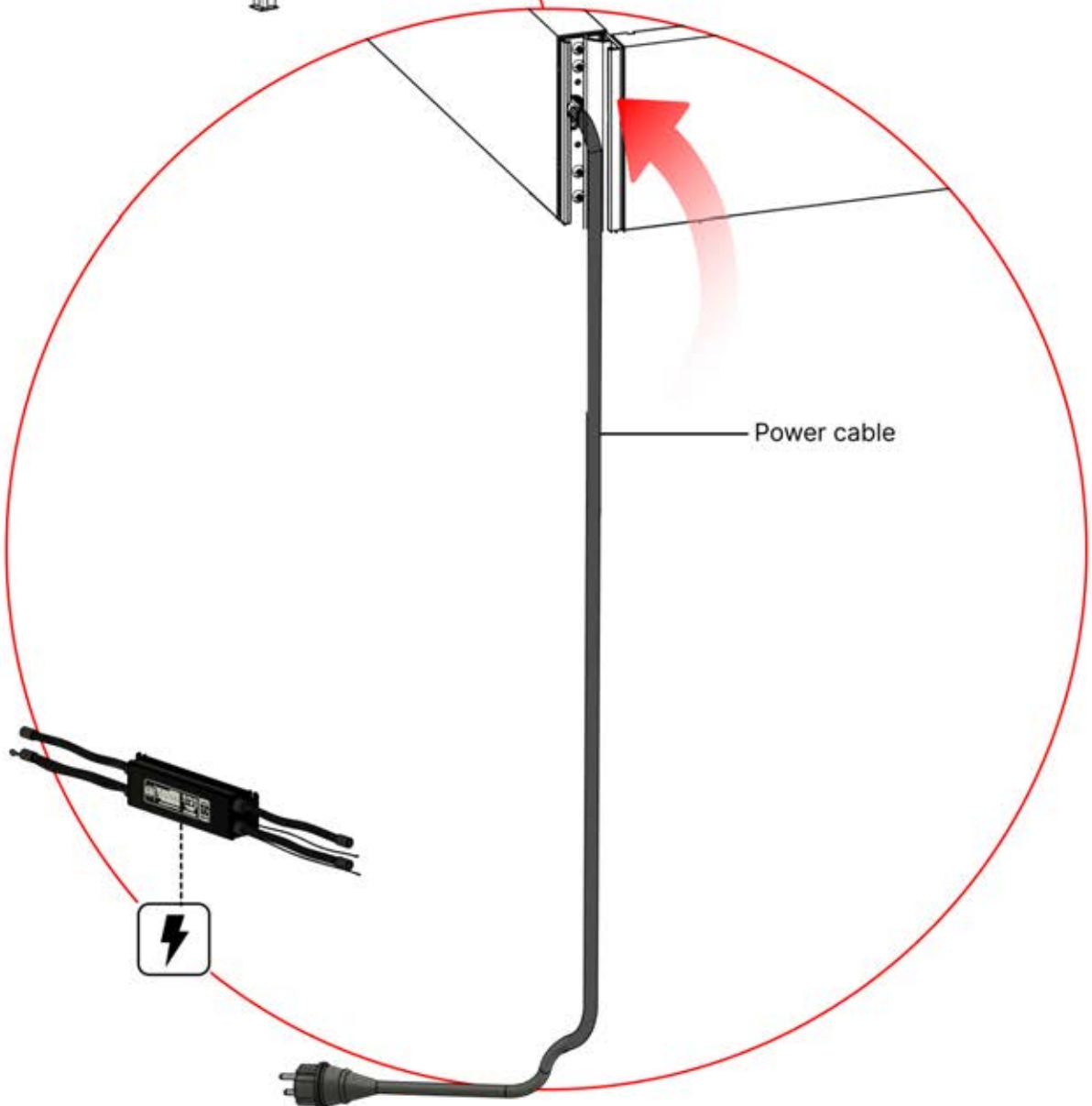
35



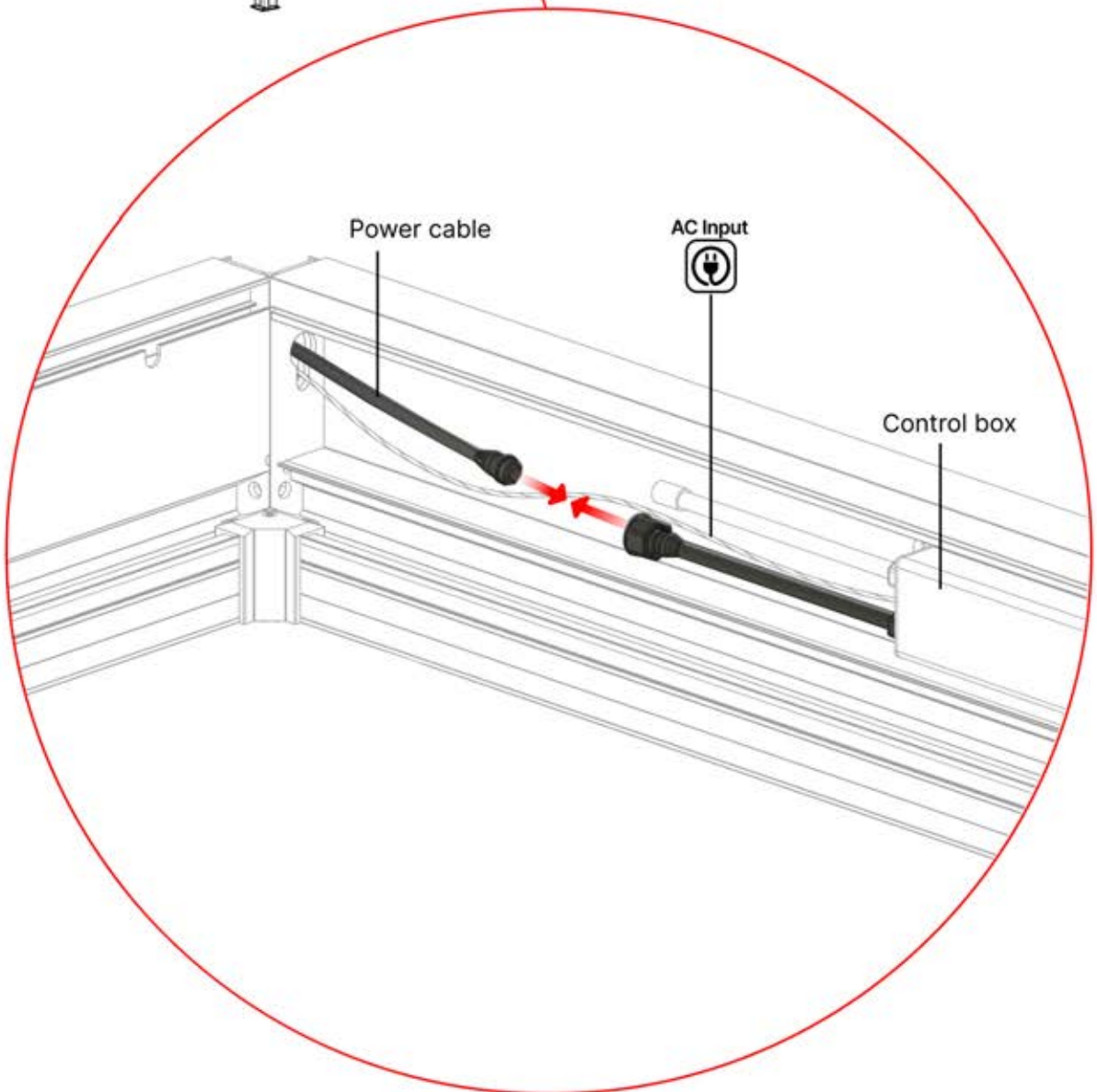
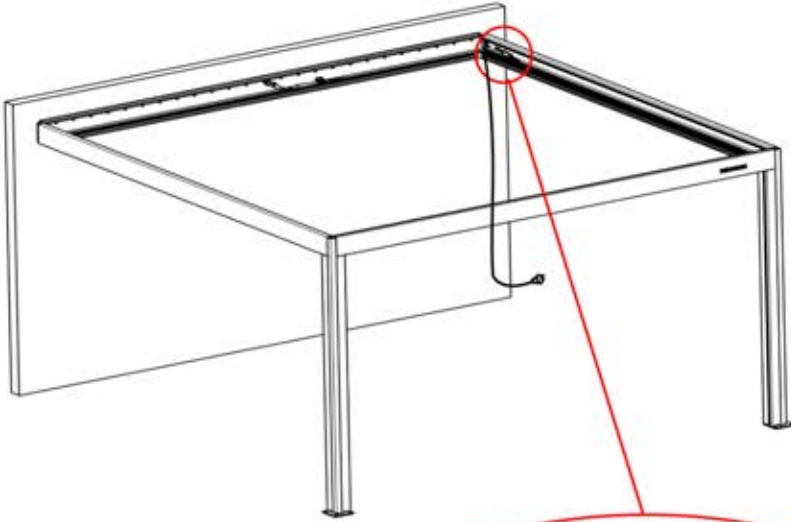
36



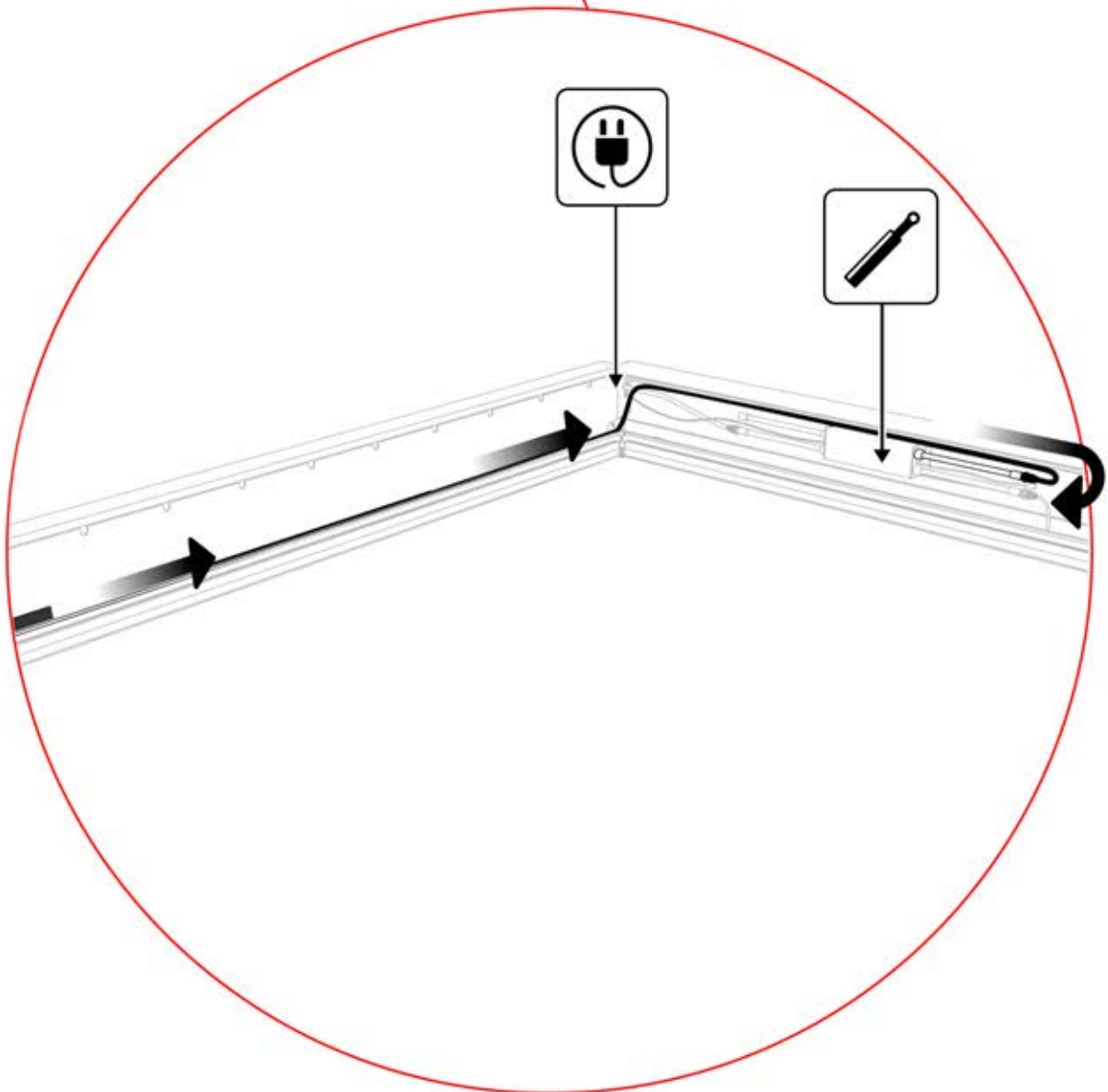
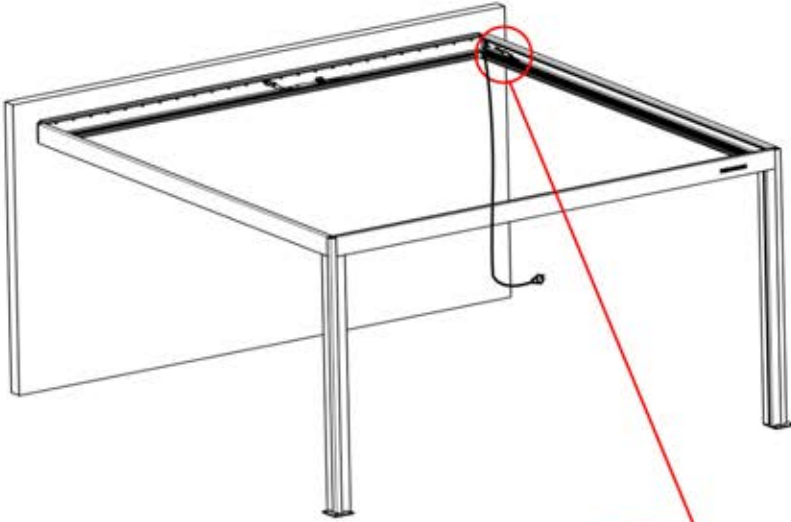
!
Power Cable can be routed through all the Poles.



37



38

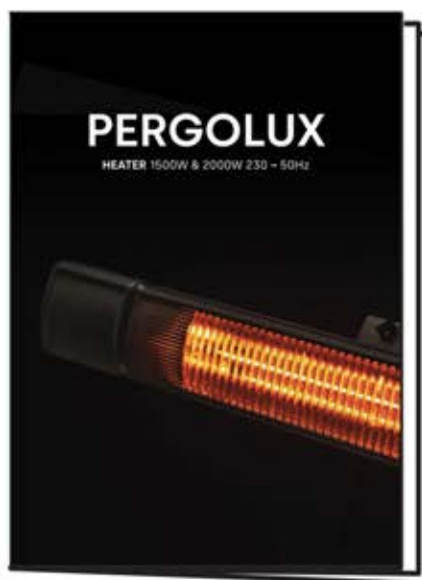


39

1

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

Follow the instructions in the heater assembly manual.



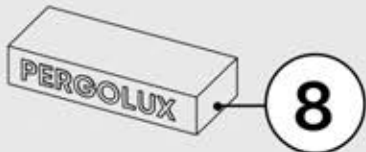
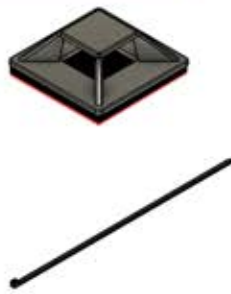
2

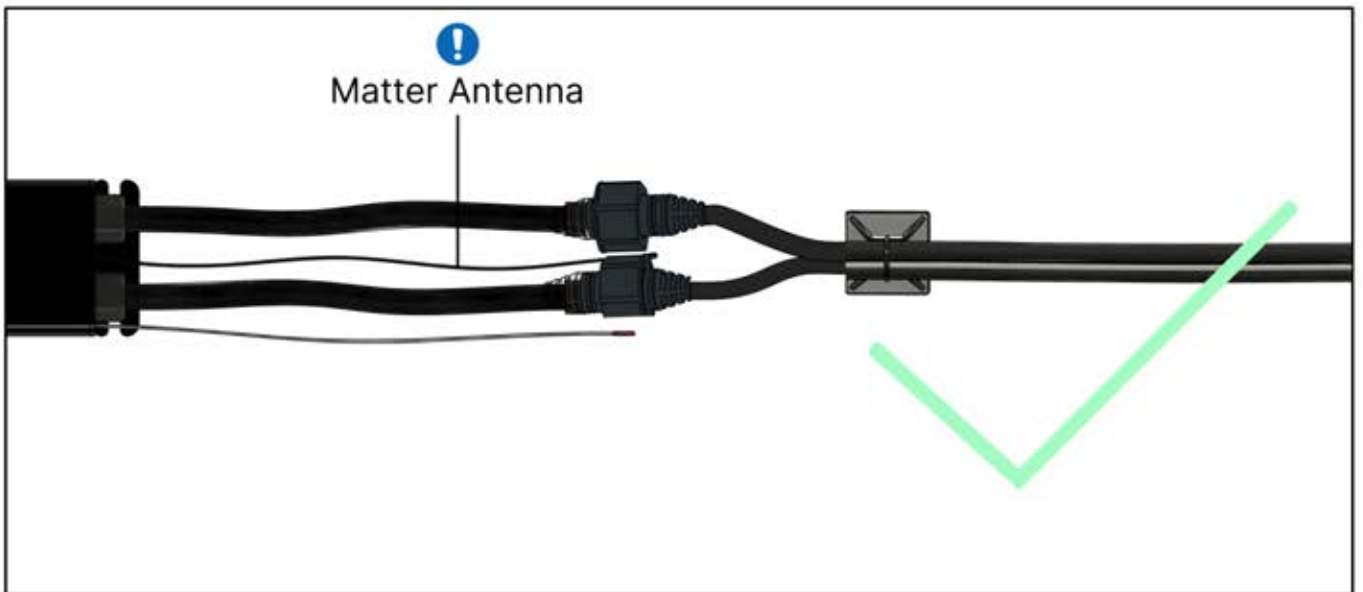
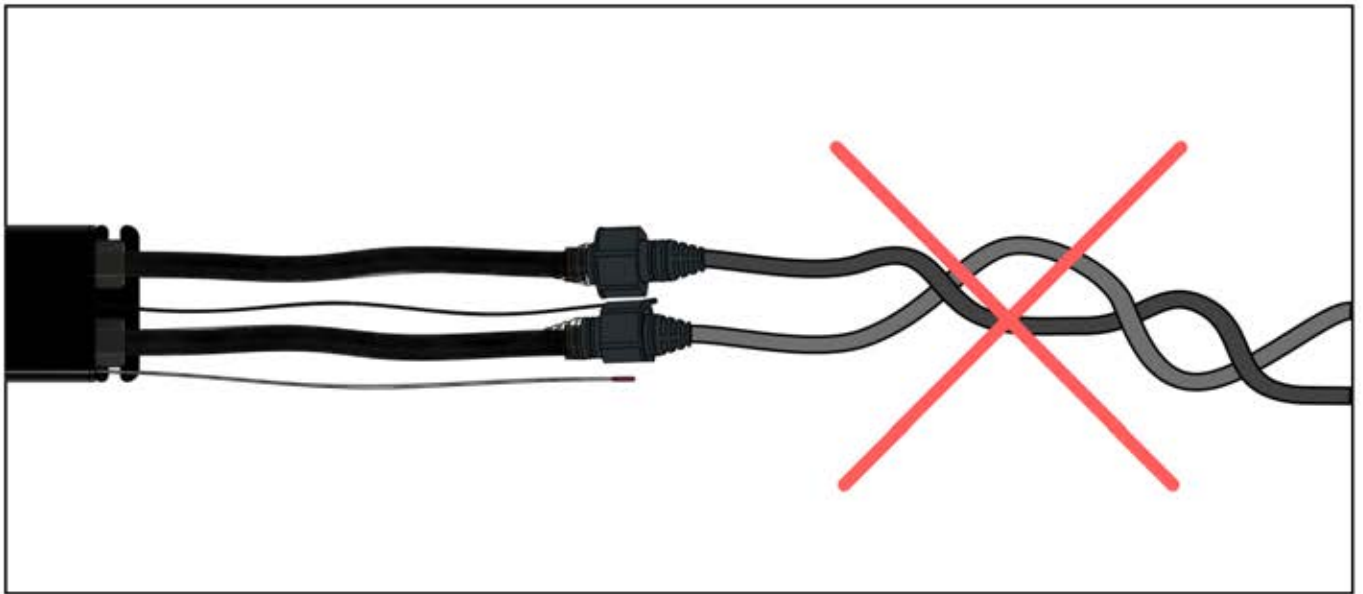
It's time to connect the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.

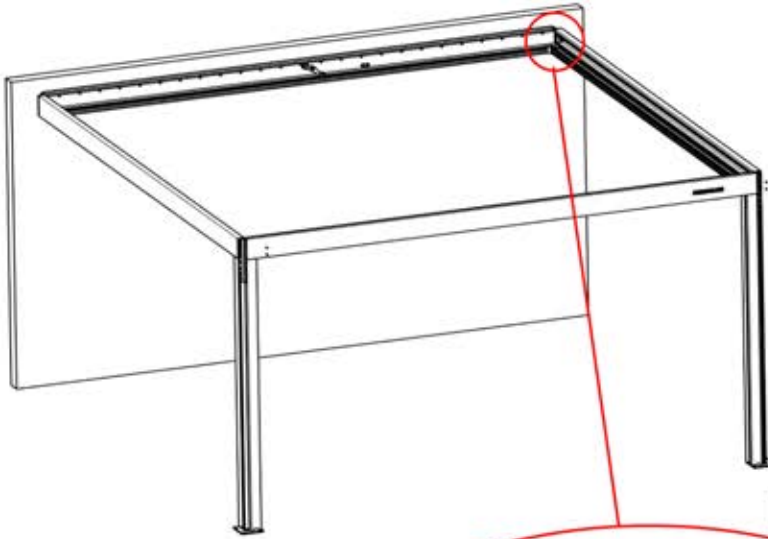


40

 <p>CONTROL BOX</p>	S4	PN-200002683 5x
<p>! Keep the Matter Antenna wire free and do not tie them with LED and Motor wire</p>		PN-200002684 10x

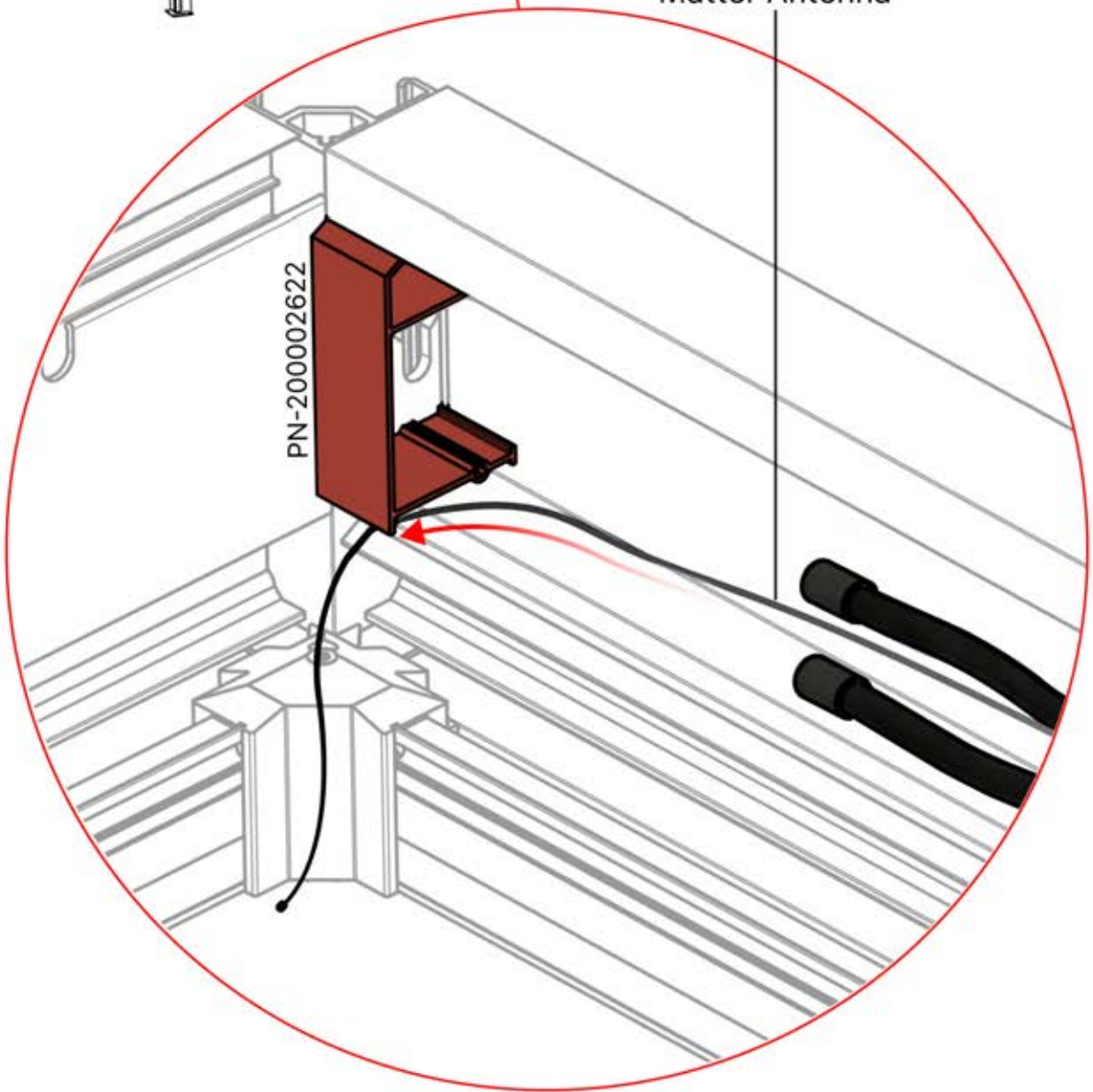


41




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

!
Matter Antenna




INFORMATION



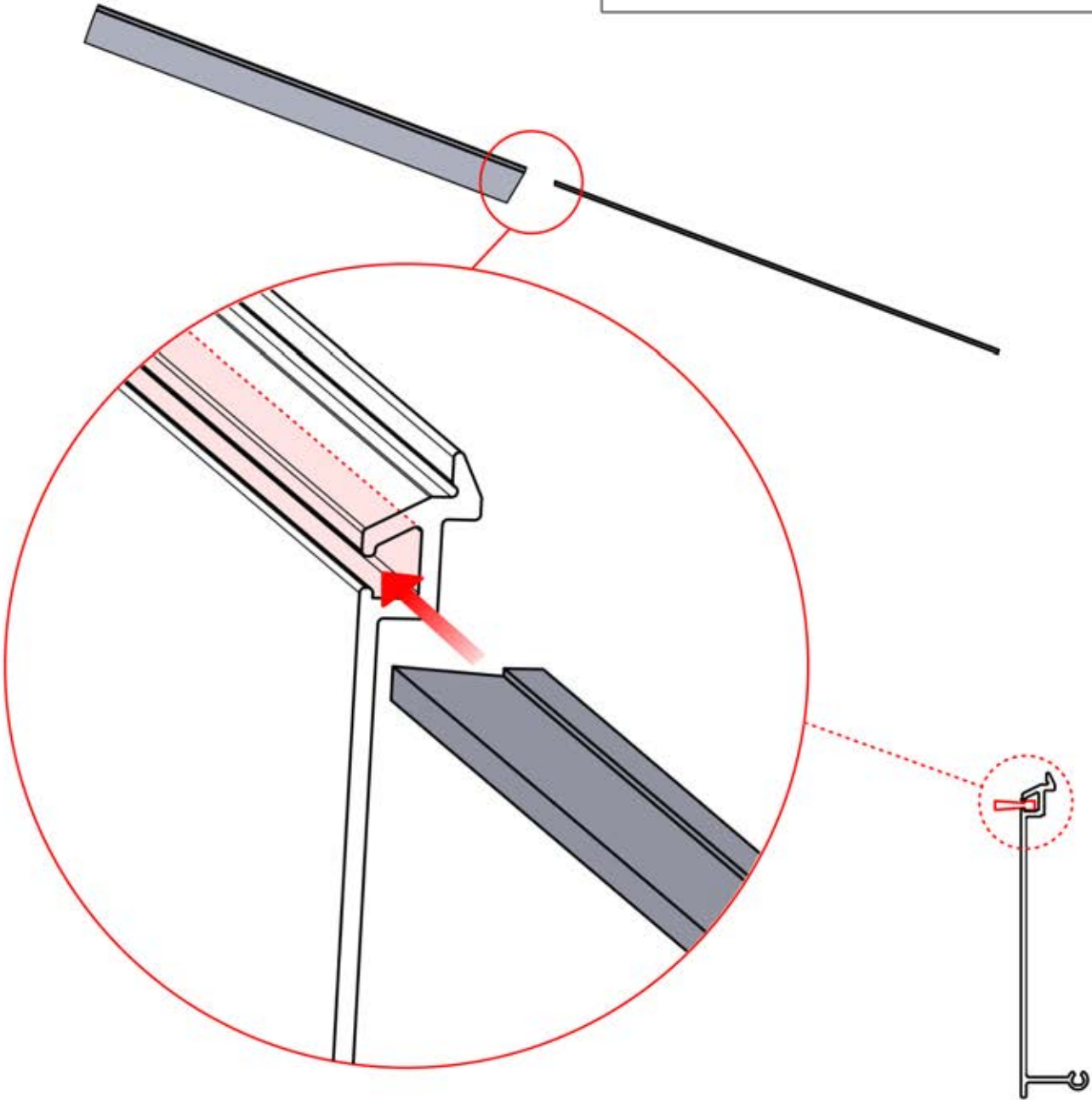
5

ANTHRACITE: B263
WHITE: B267
BLACK: B265



PN-200003557
2x

PN-200003036
2x




42

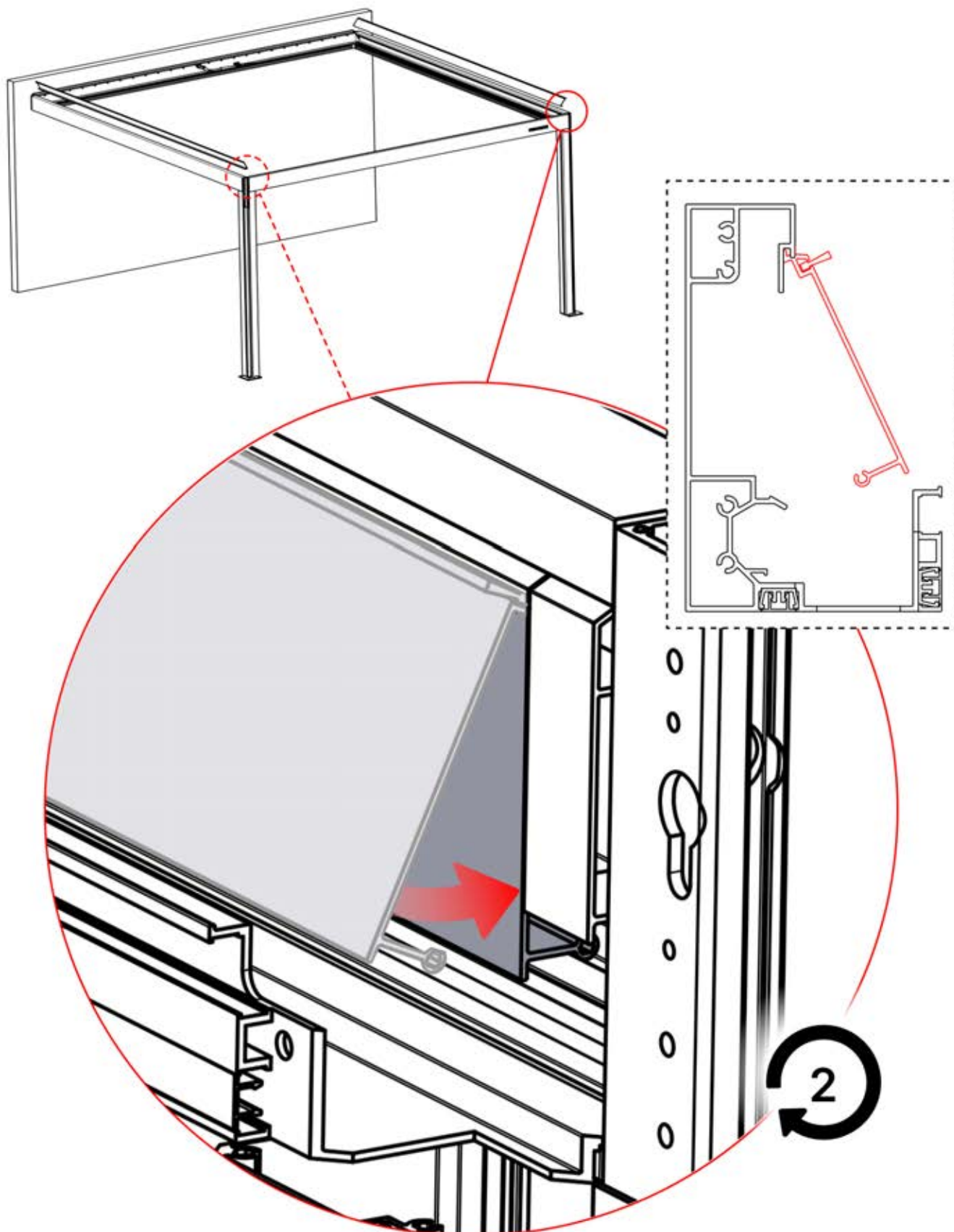
x1
PERGOLUX

5

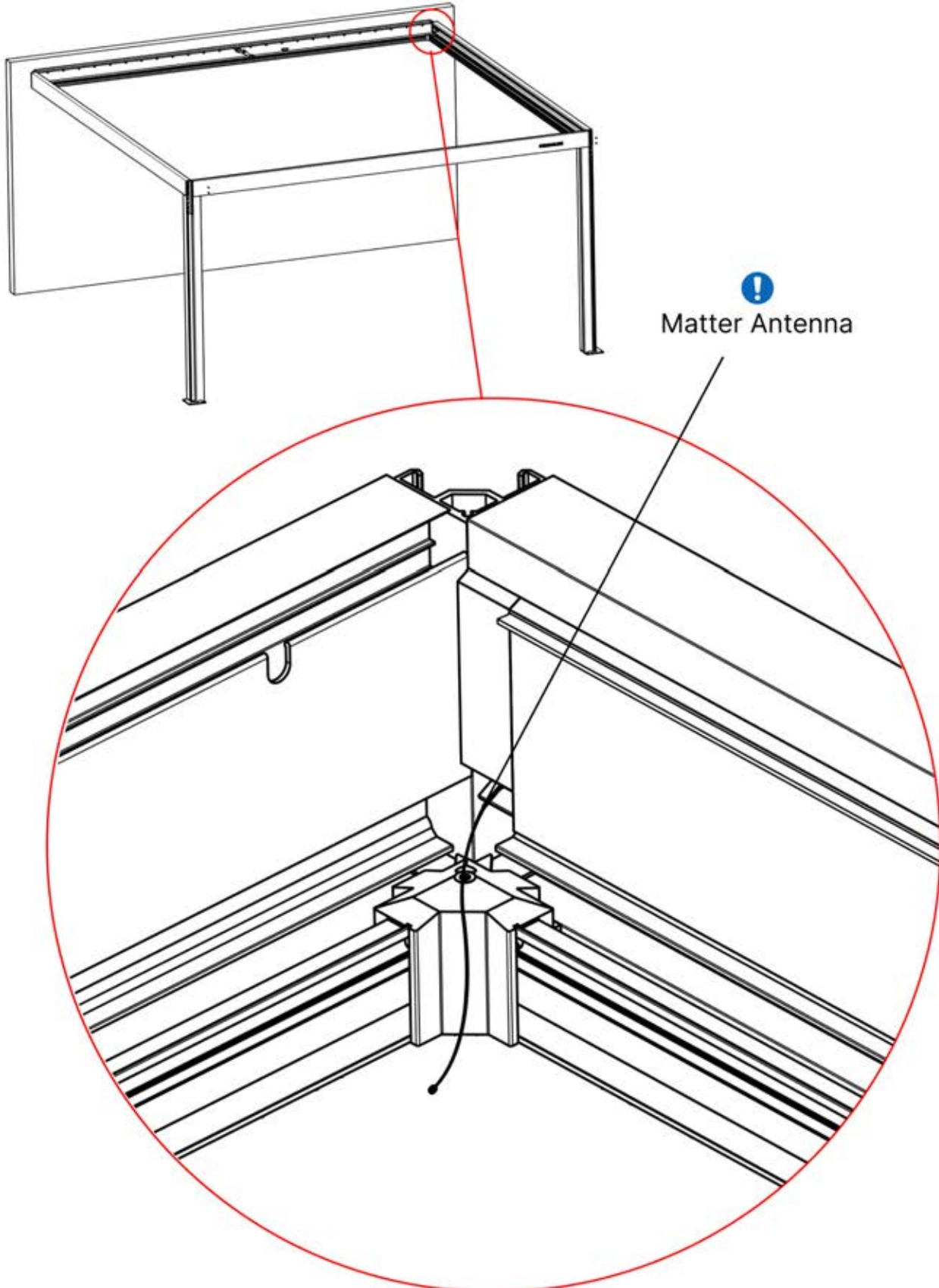
ANTHRACITE: B263
WHITE: B267
BLACK: B265



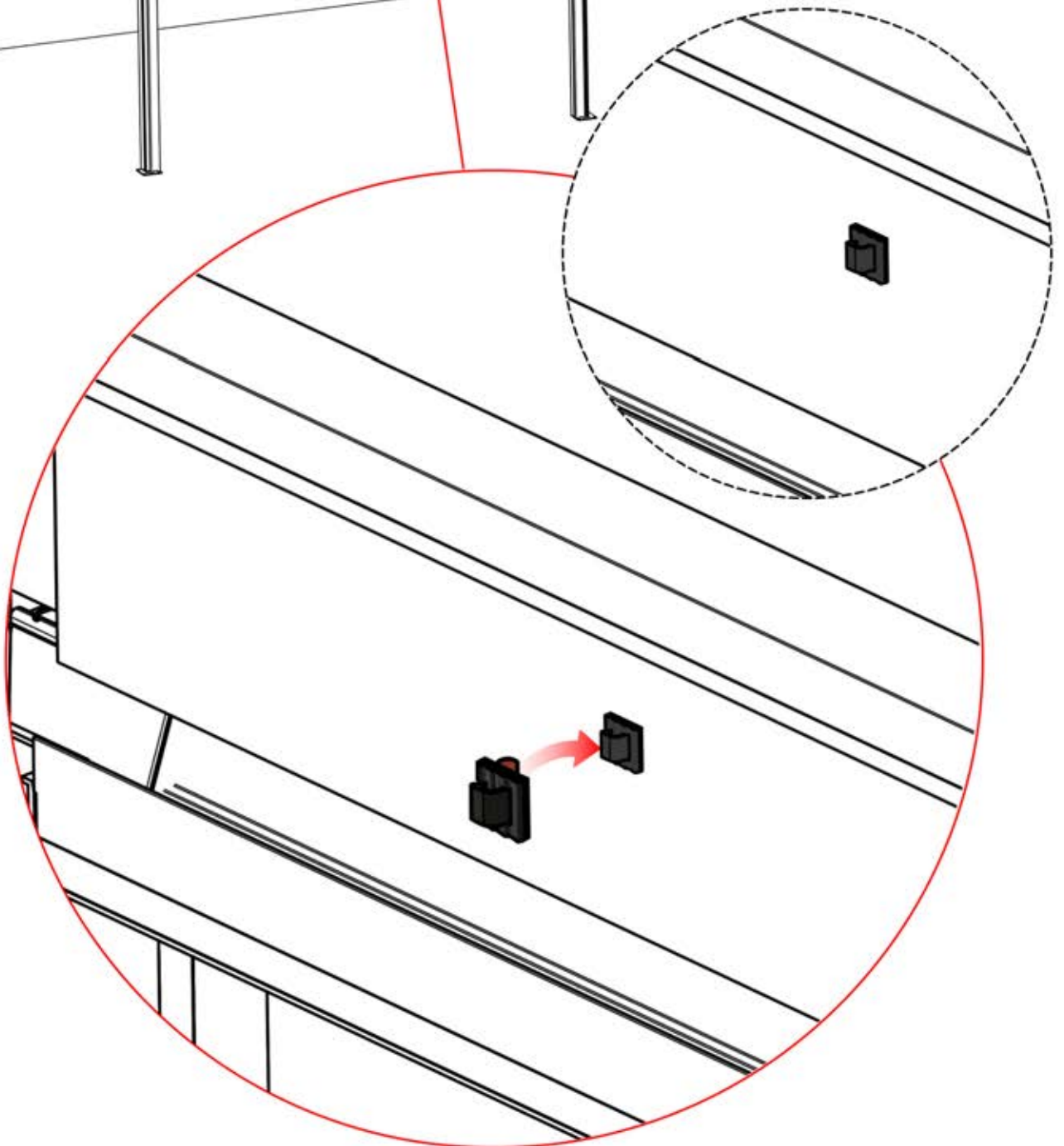
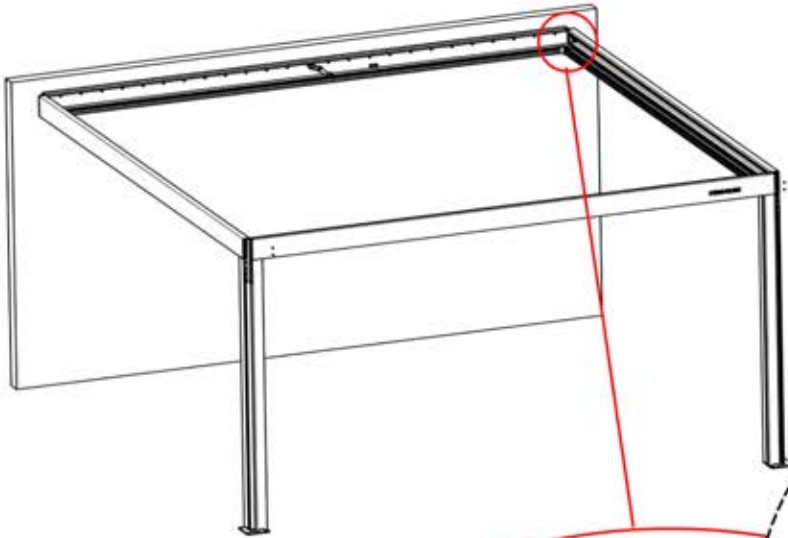
PN-200003557
2x

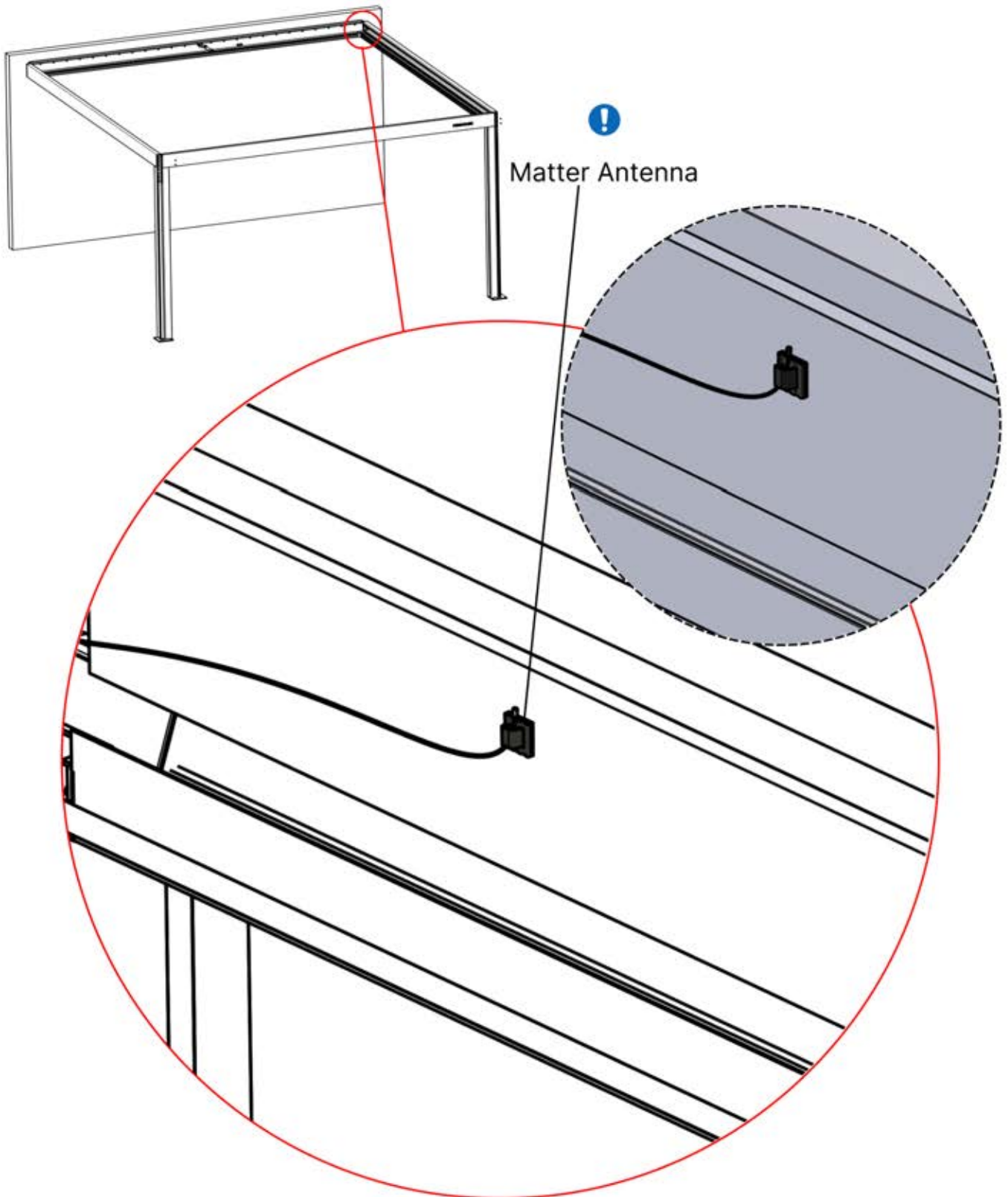


INFORMATION

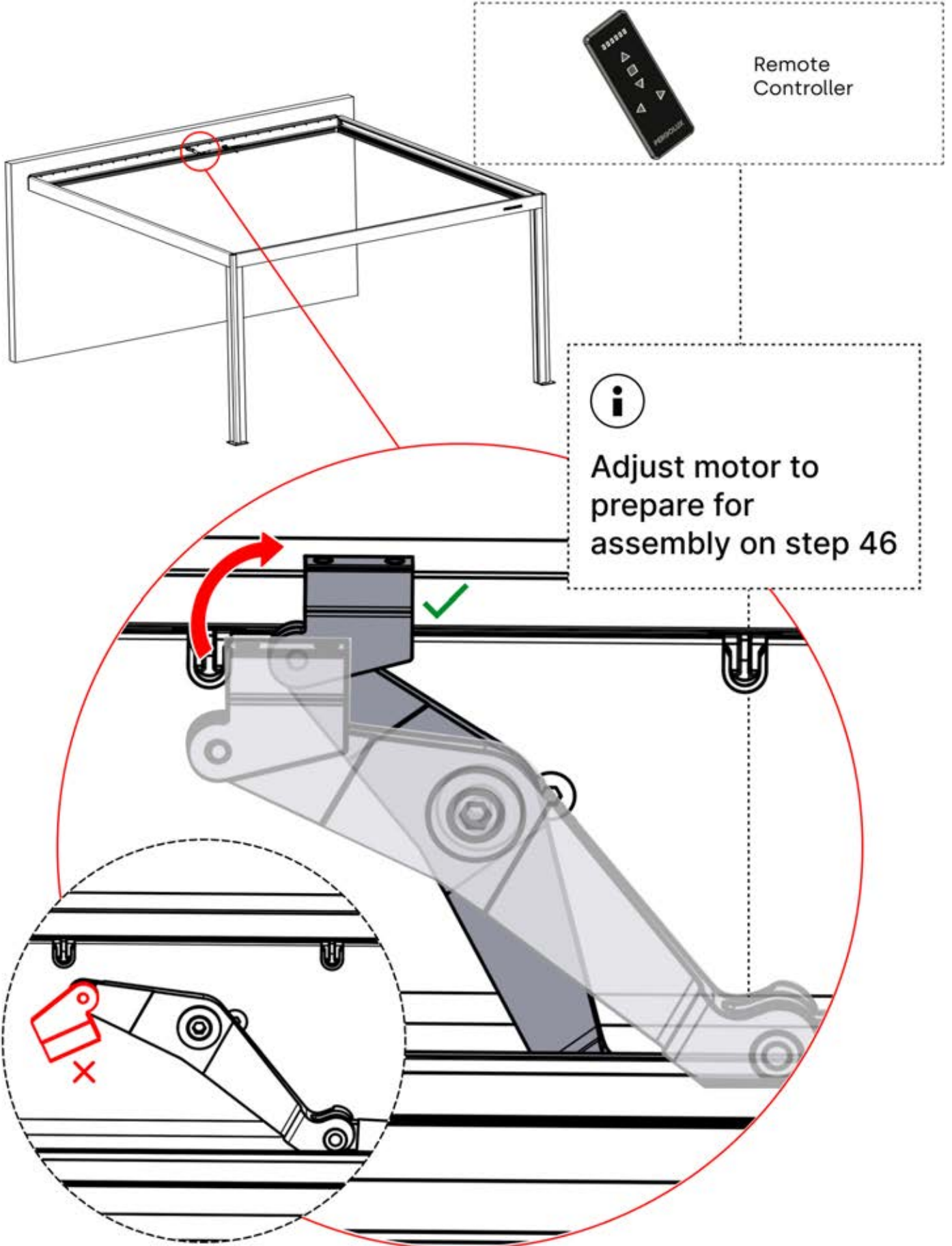


43





45

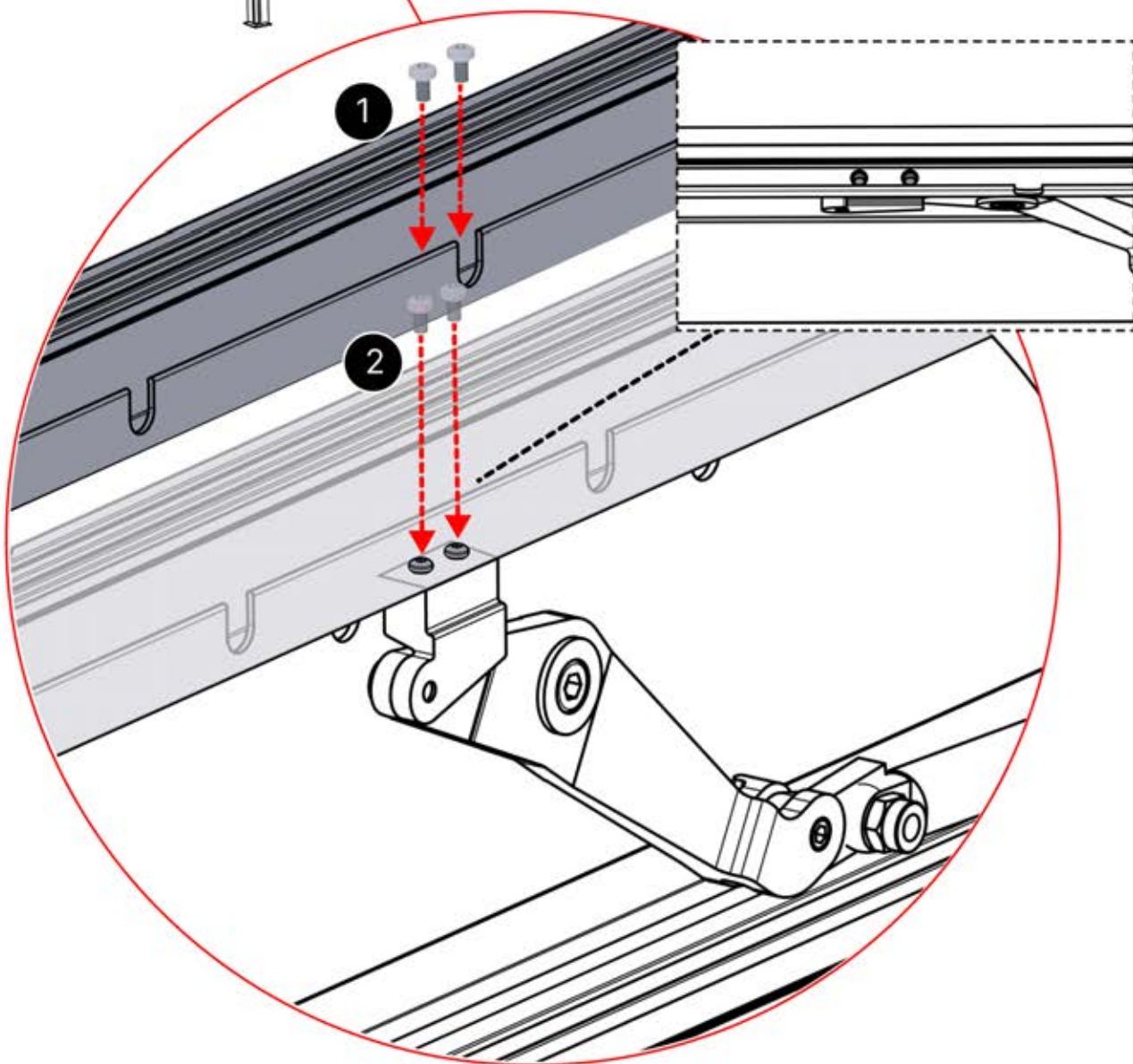
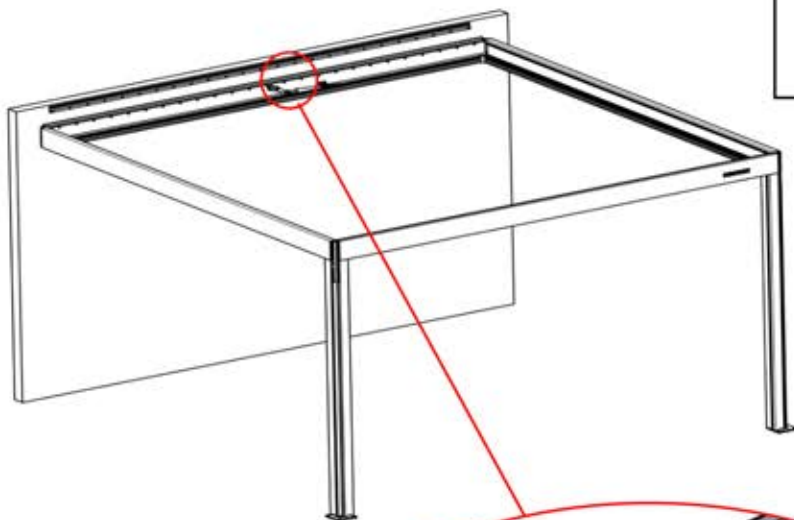


46

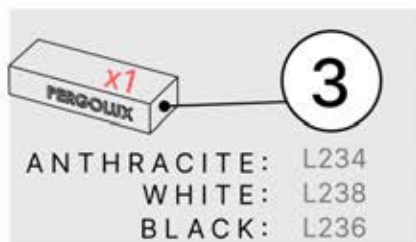
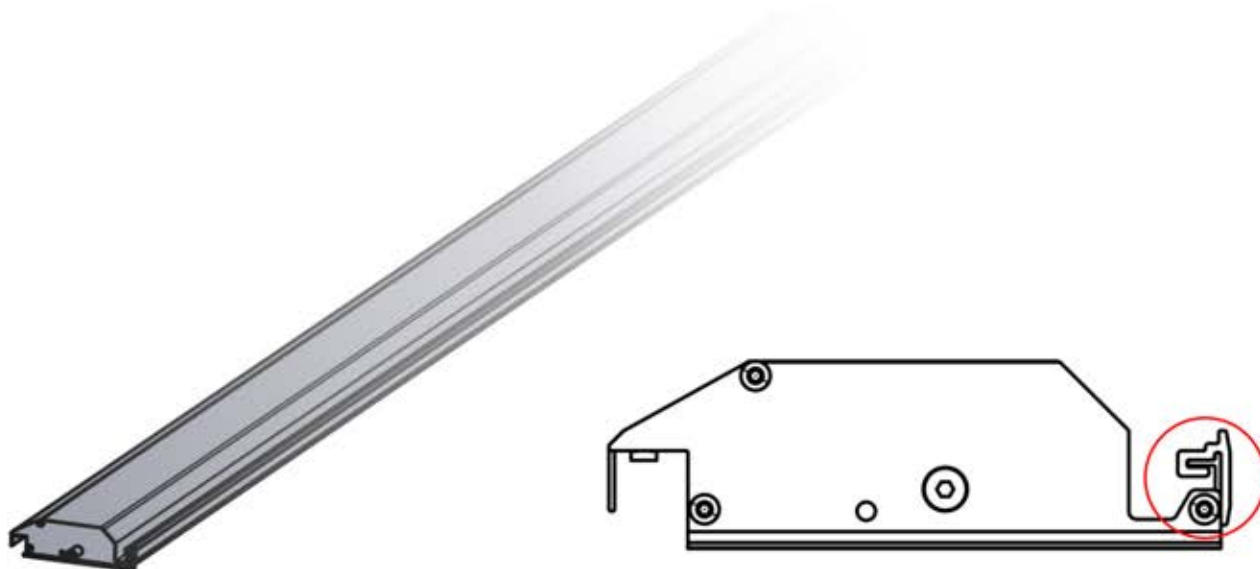


4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



ITEMS IN BOX

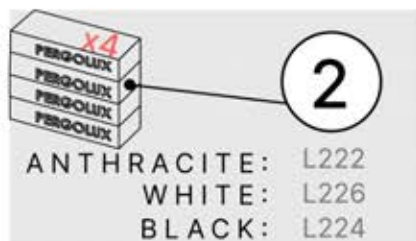
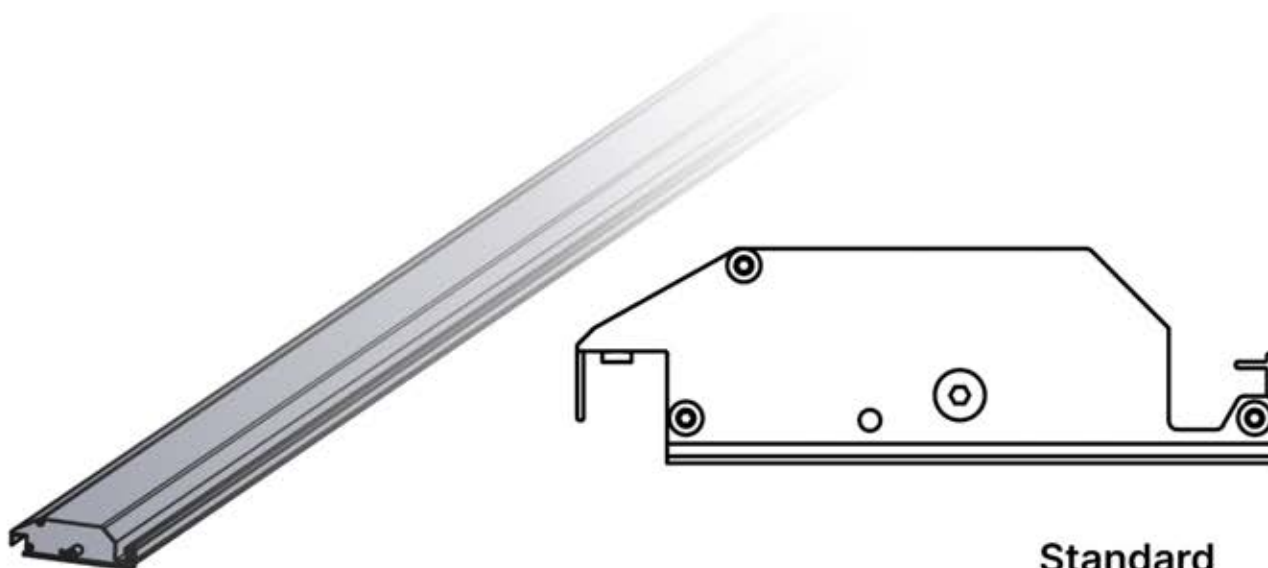


ANTHRACITE: L234
WHITE: L238
BLACK: L236

PLR 150 G2 PRO LOUVER END FS 4M
PACKAGE

PN-200002975

1x



ANTHRACITE: L222
WHITE: L226
BLACK: L224

PLR 150 G2 PRO LOUVER STD FS 4M
PACKAGE

PN-200002883

24x

Standard

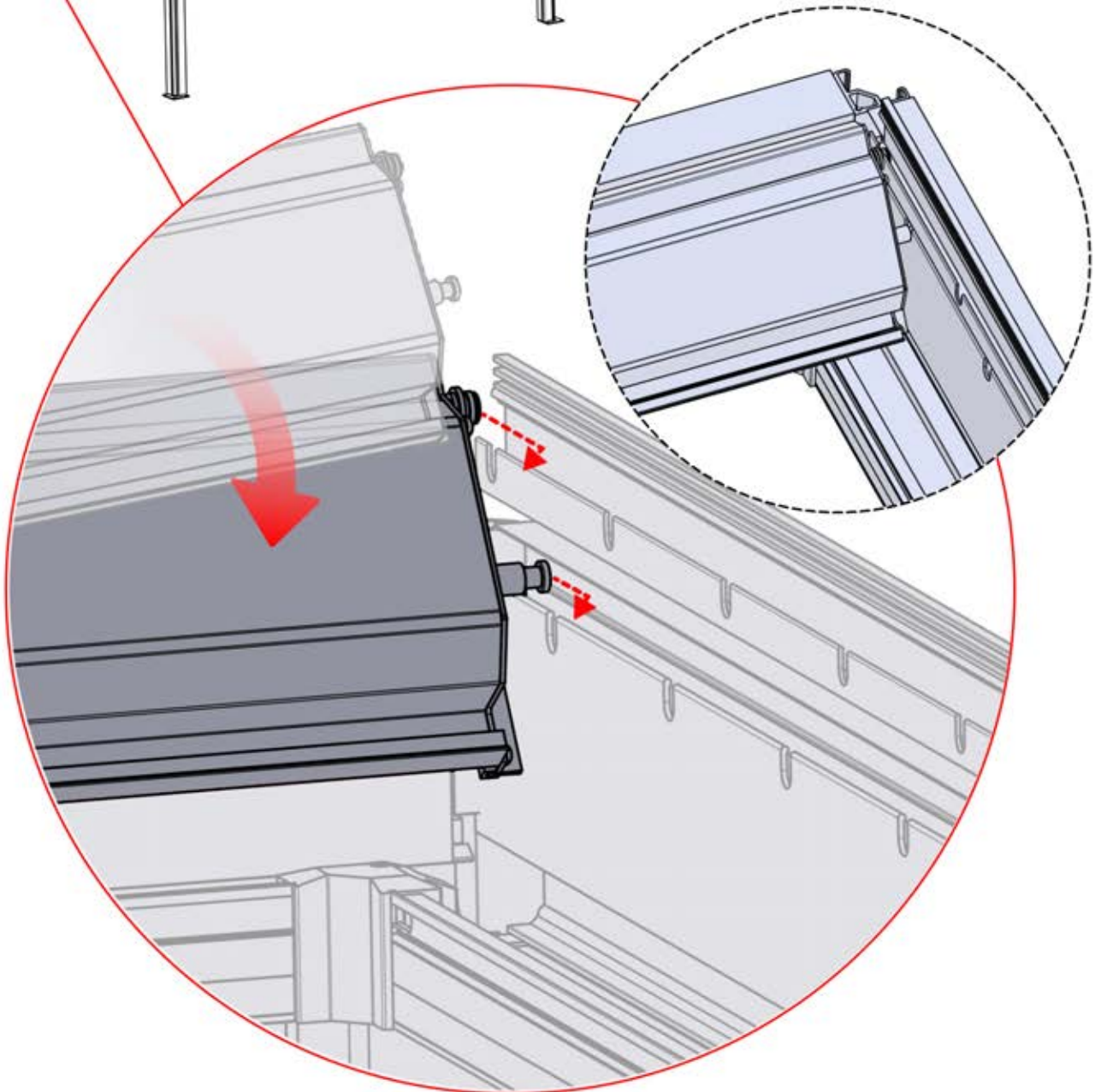
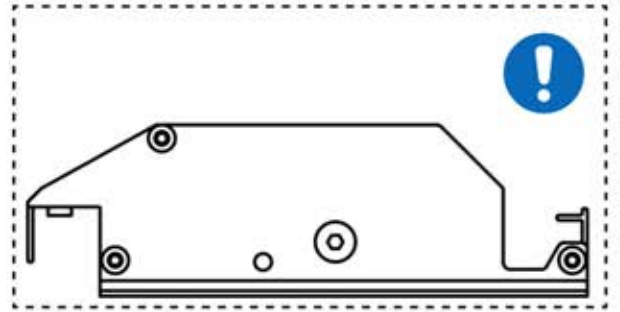
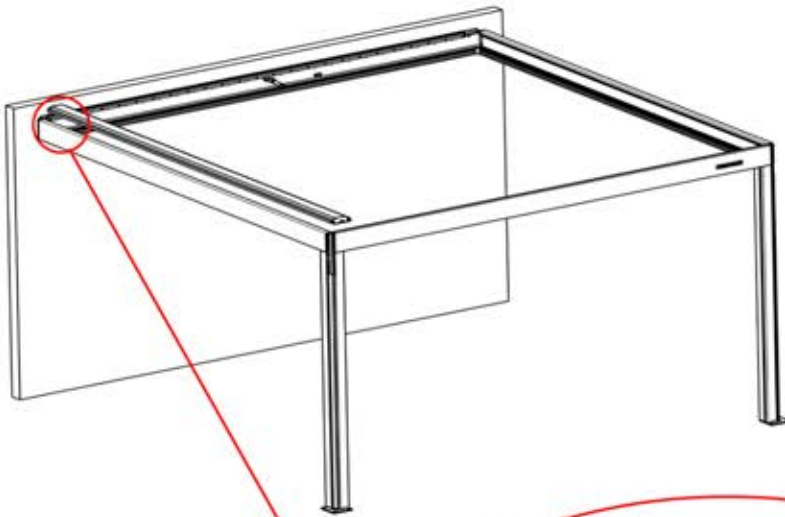

47

x4
FERGOLUX
FERGOLUX
FERGOLUX
FERGOLUX

2

ANTHRACITE: L222
WHITE: L226
BLACK: L224

PN-200002883
1x

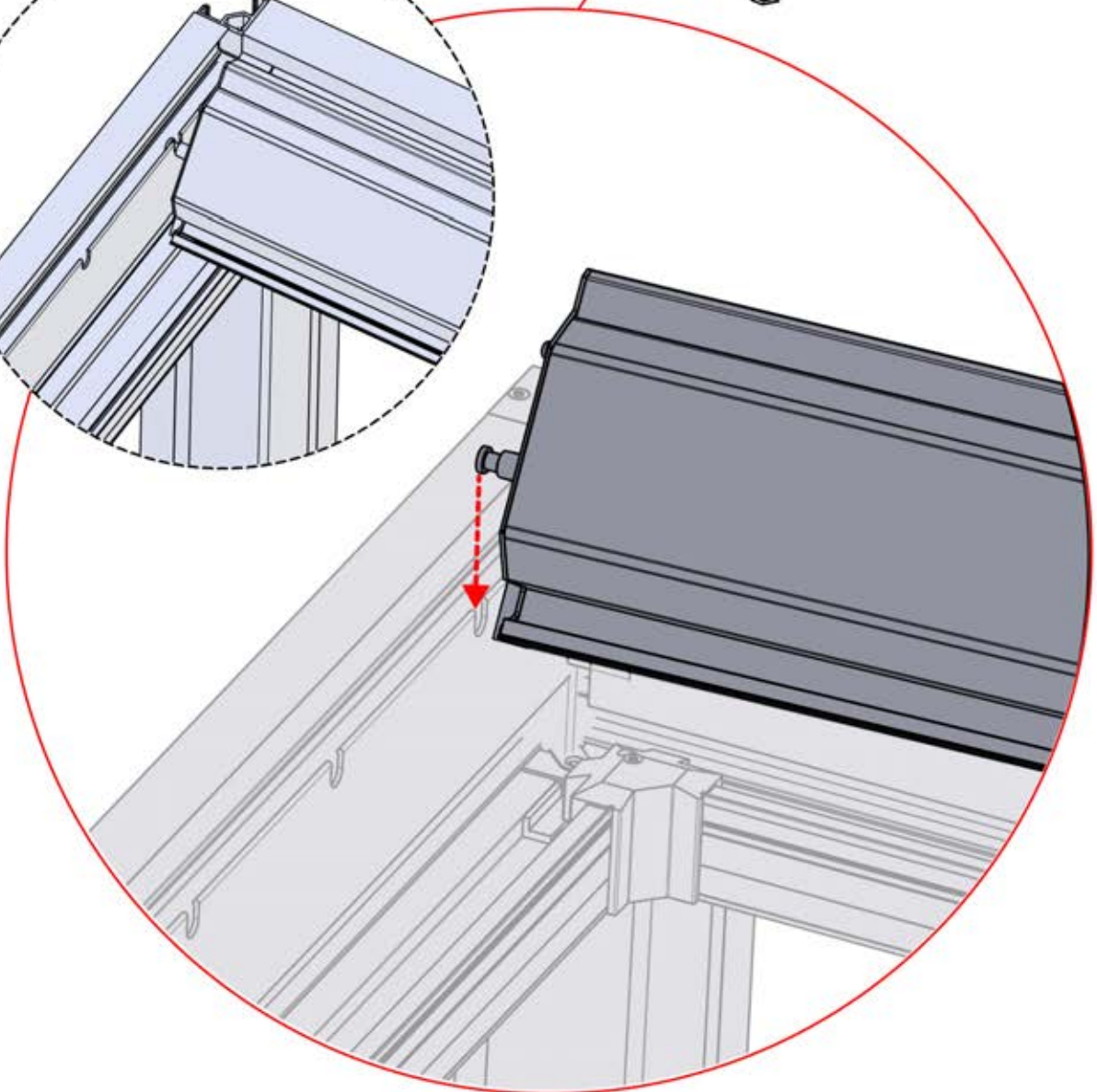
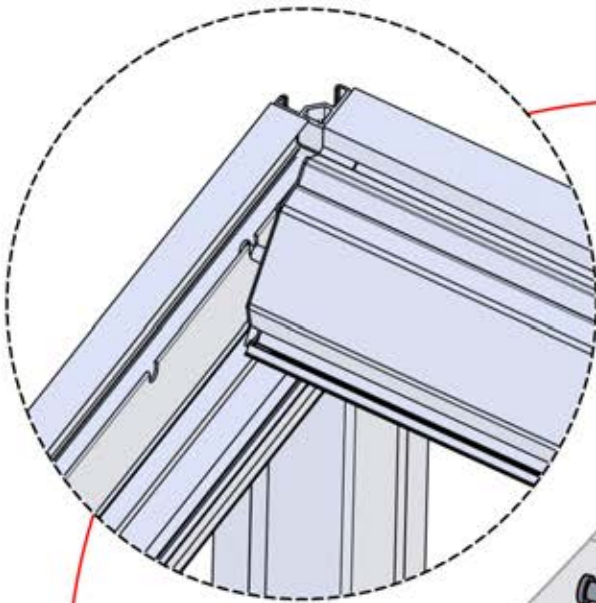
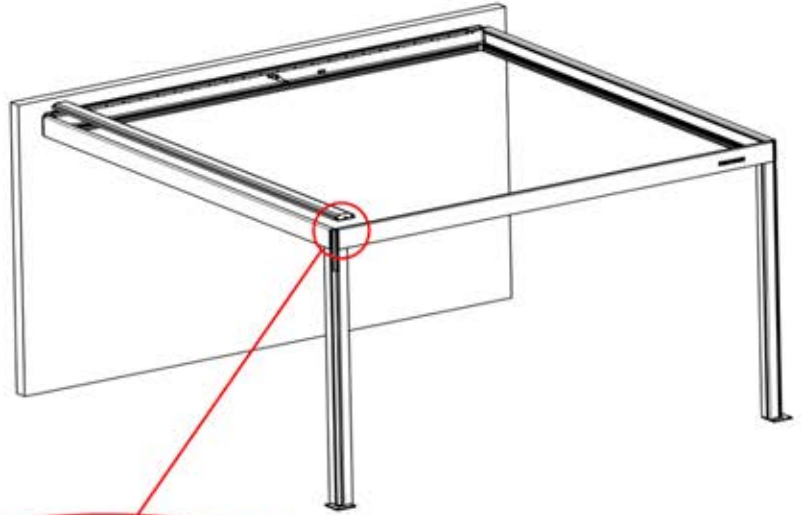
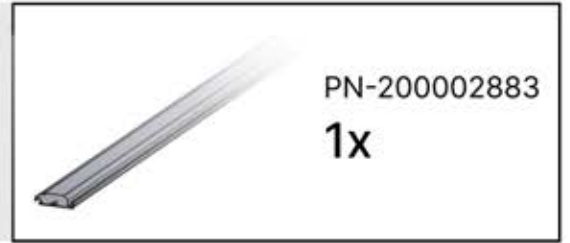


48



2

ANTHRACITE: L222
WHITE: L226
BLACK: L224

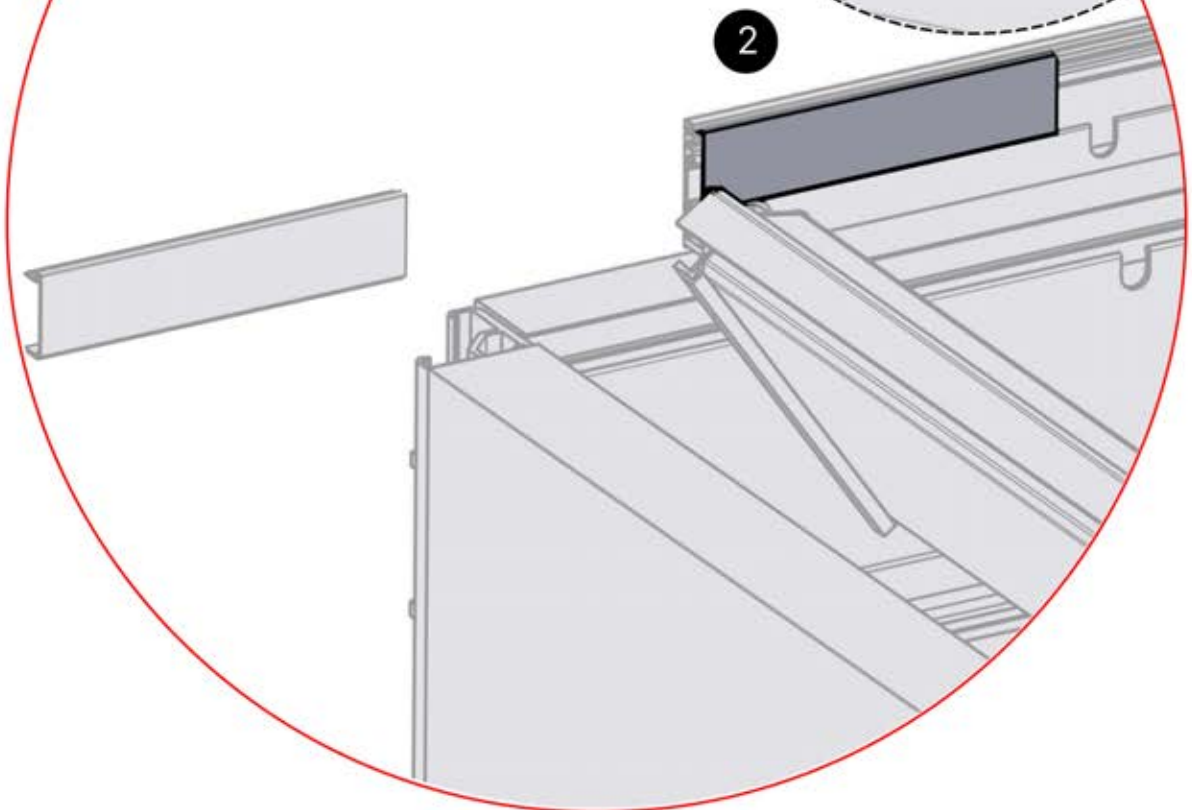
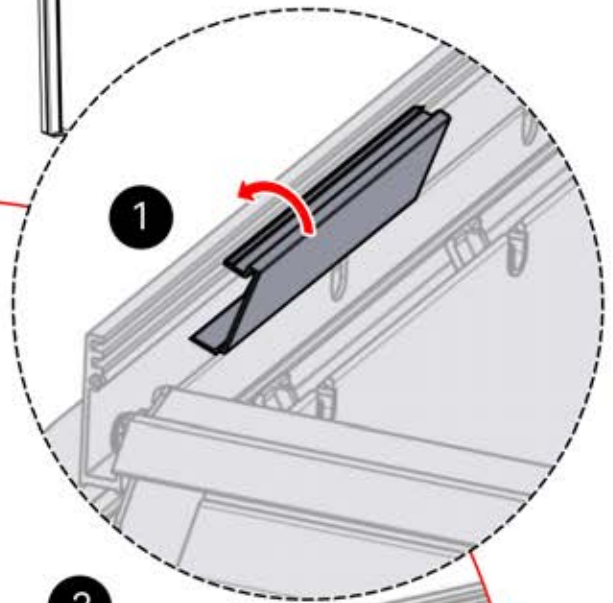
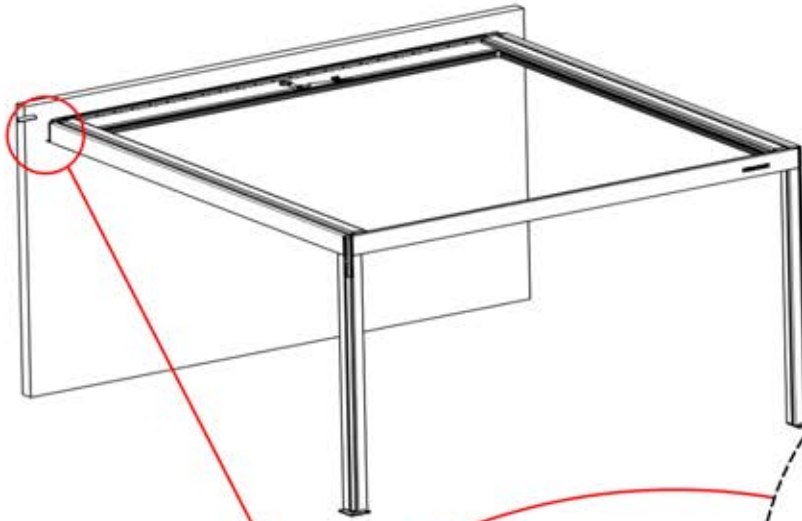
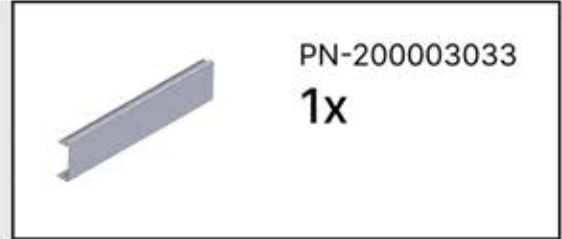


49



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



50



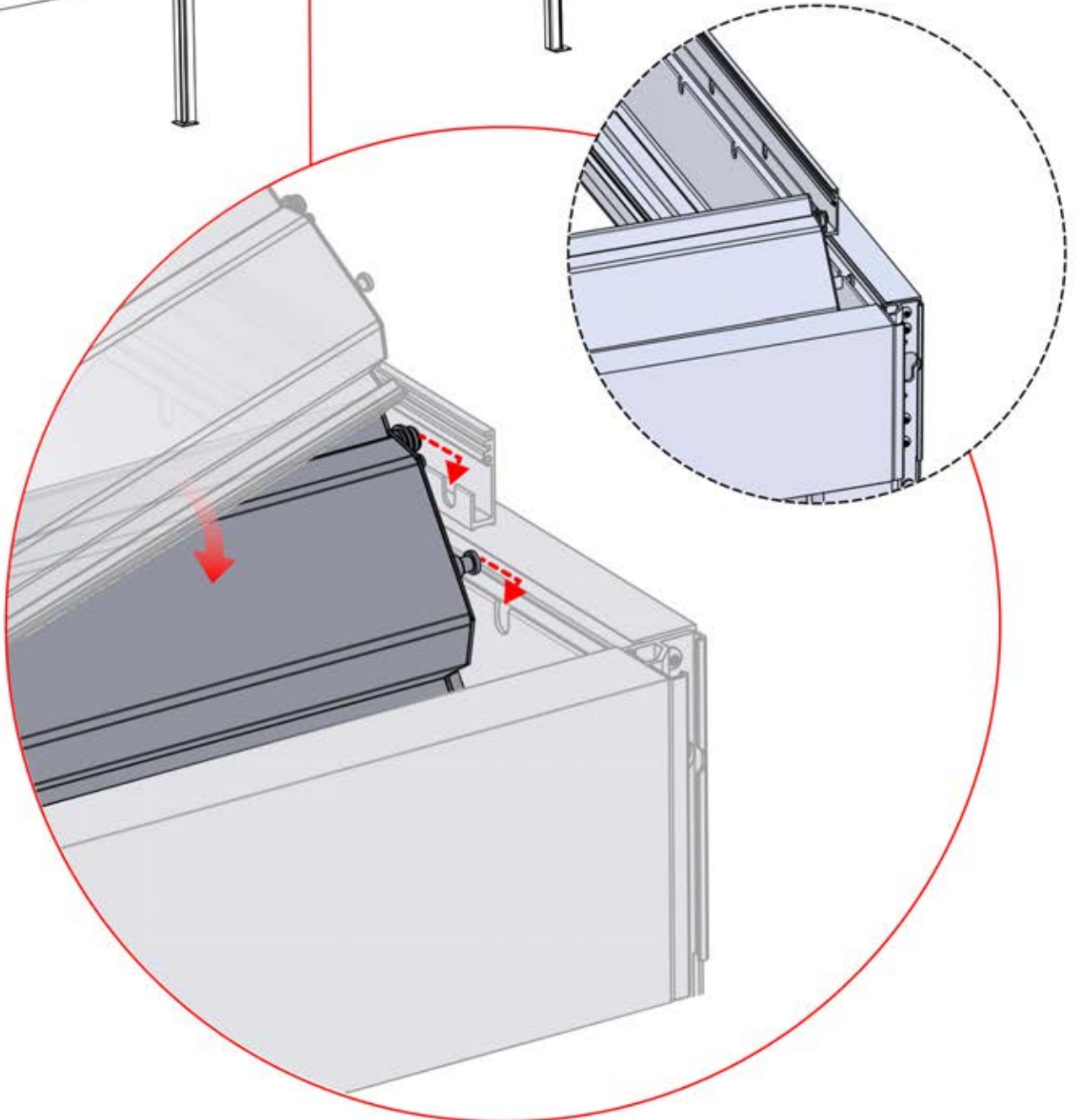
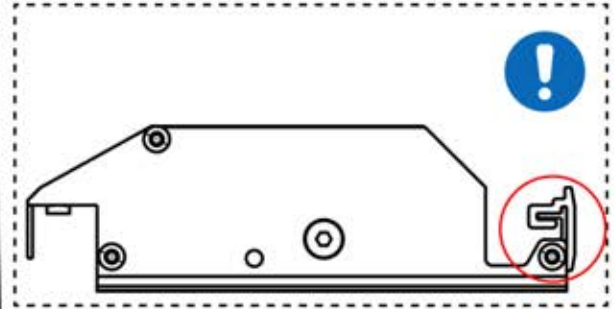
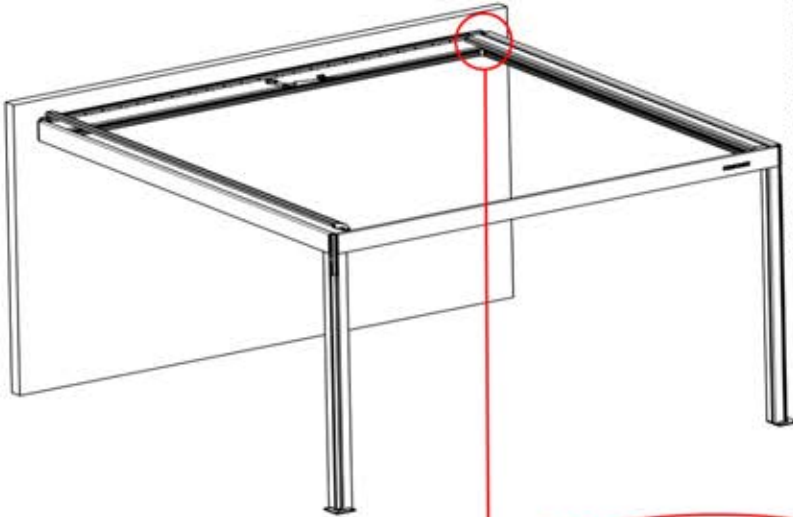
3

ANTHRACITE: L234
WHITE: L238
BLACK: L236




PN-200002975

1x

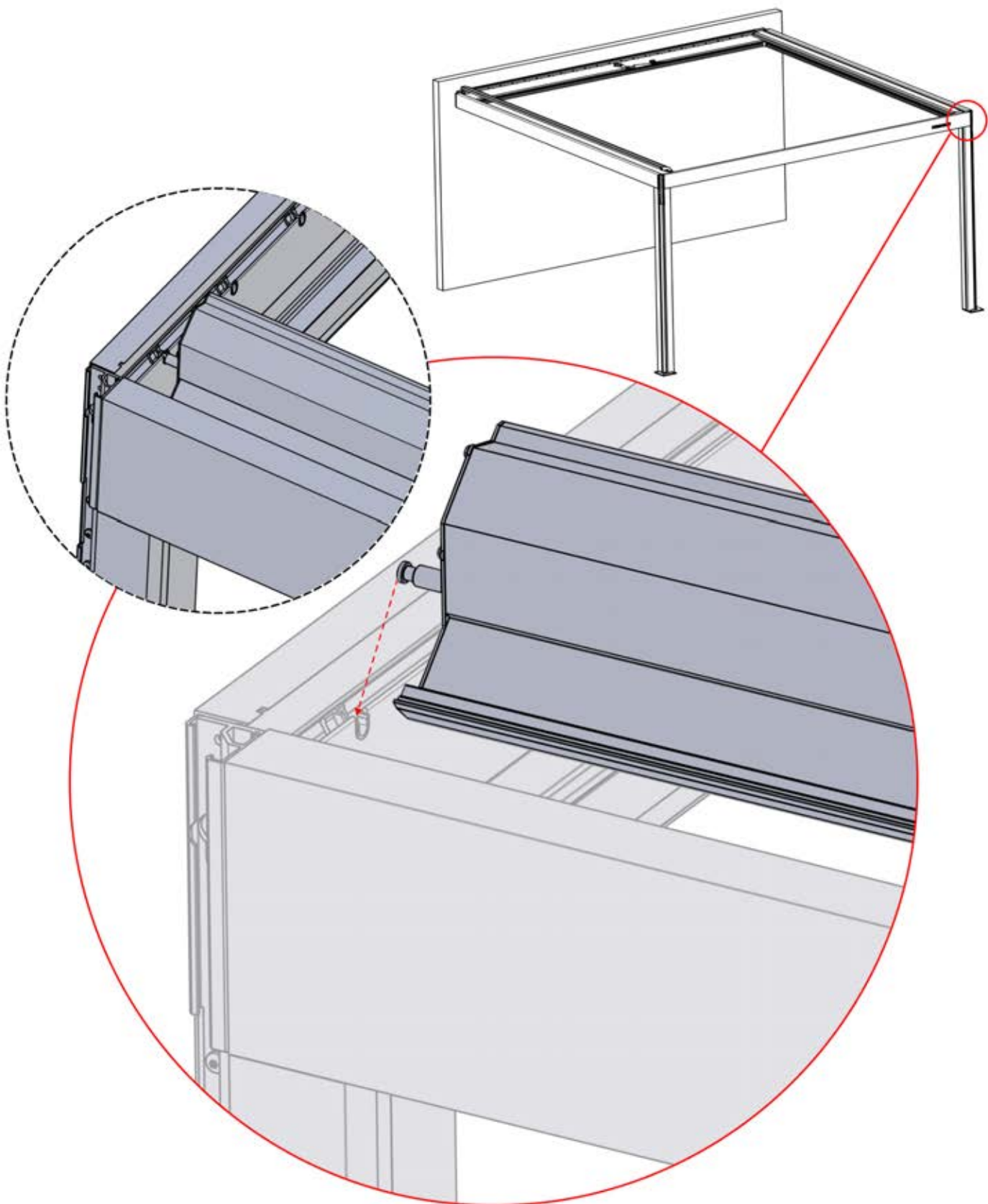


51

 **3**

ANTHRACITE: L234
WHITE: L238
BLACK: L236

 PN-200002975
1x

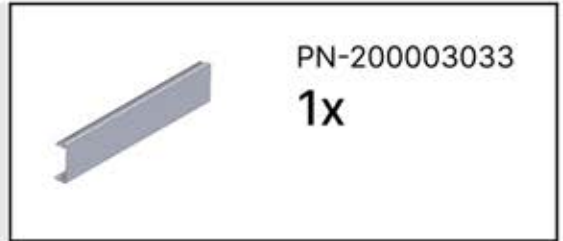


52



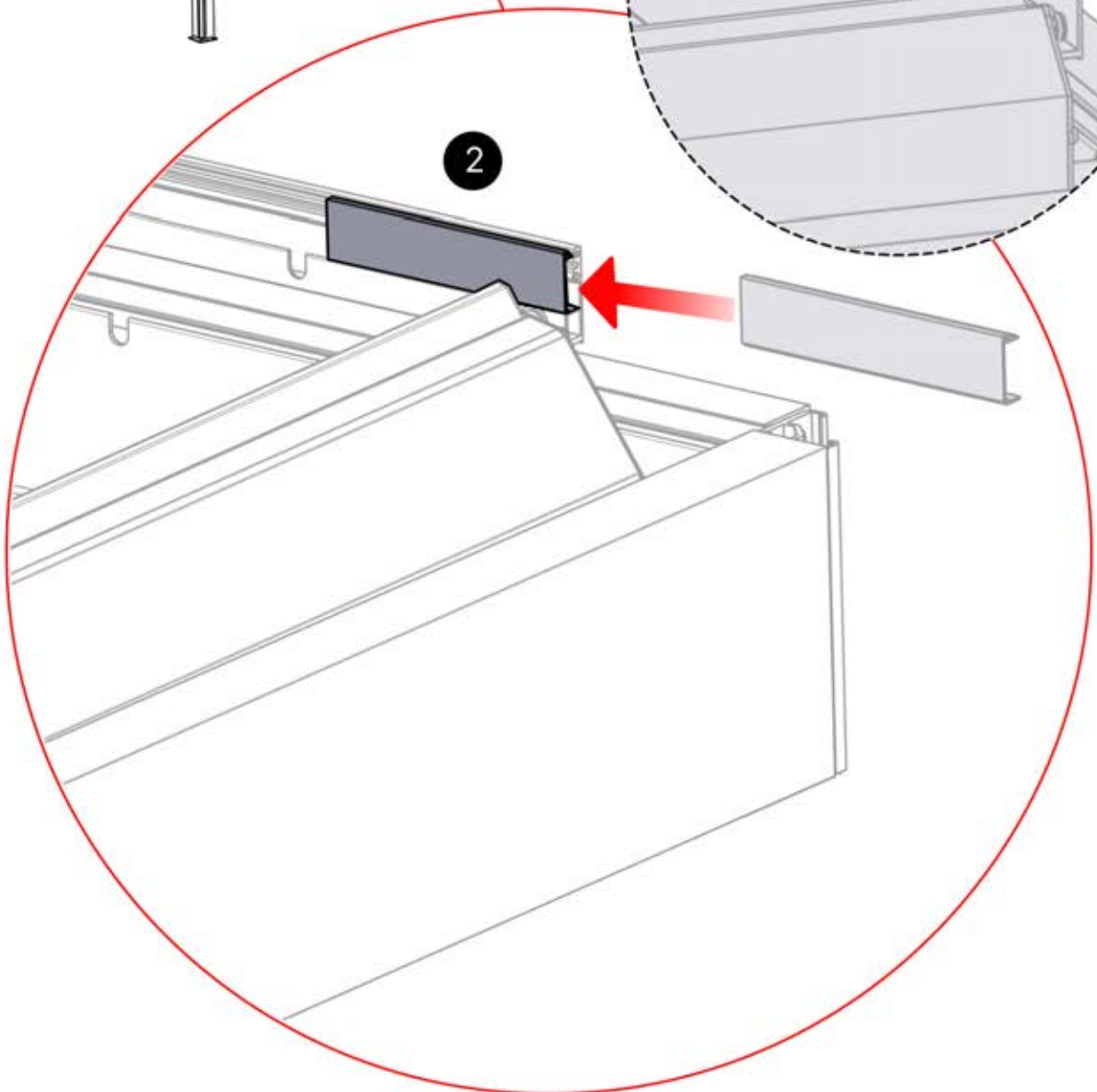
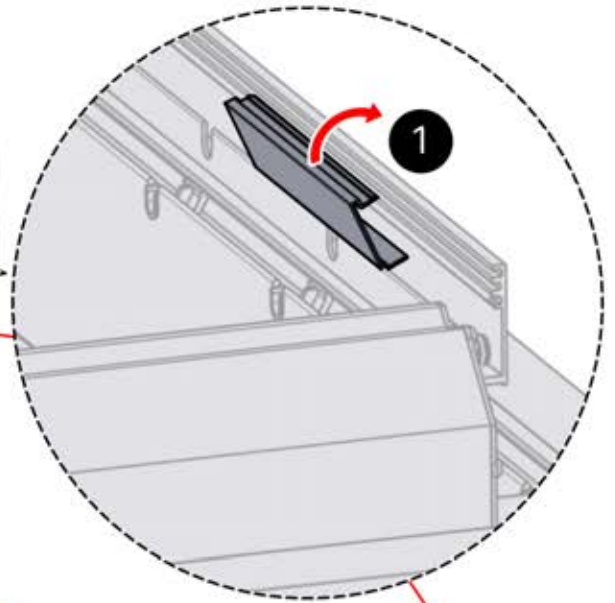
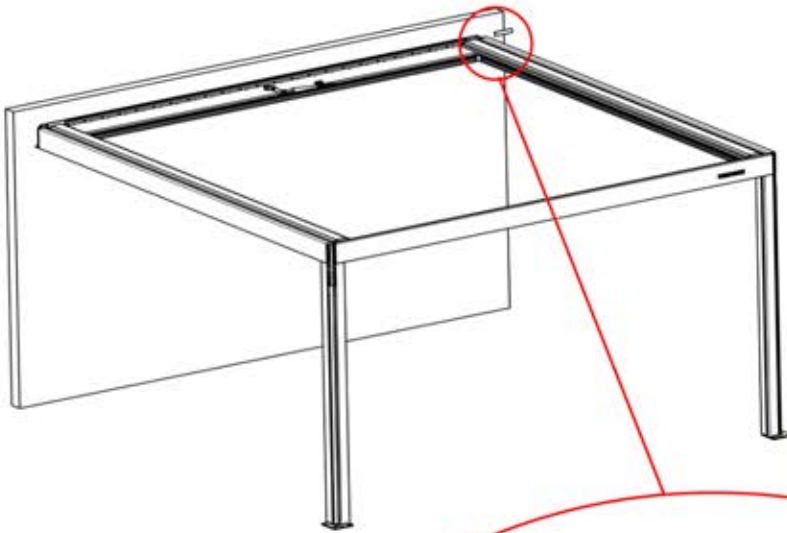
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



PN-200003033

1x



53



3

ANTHRACITE: L234
WHITE: L238
BLACK: L236

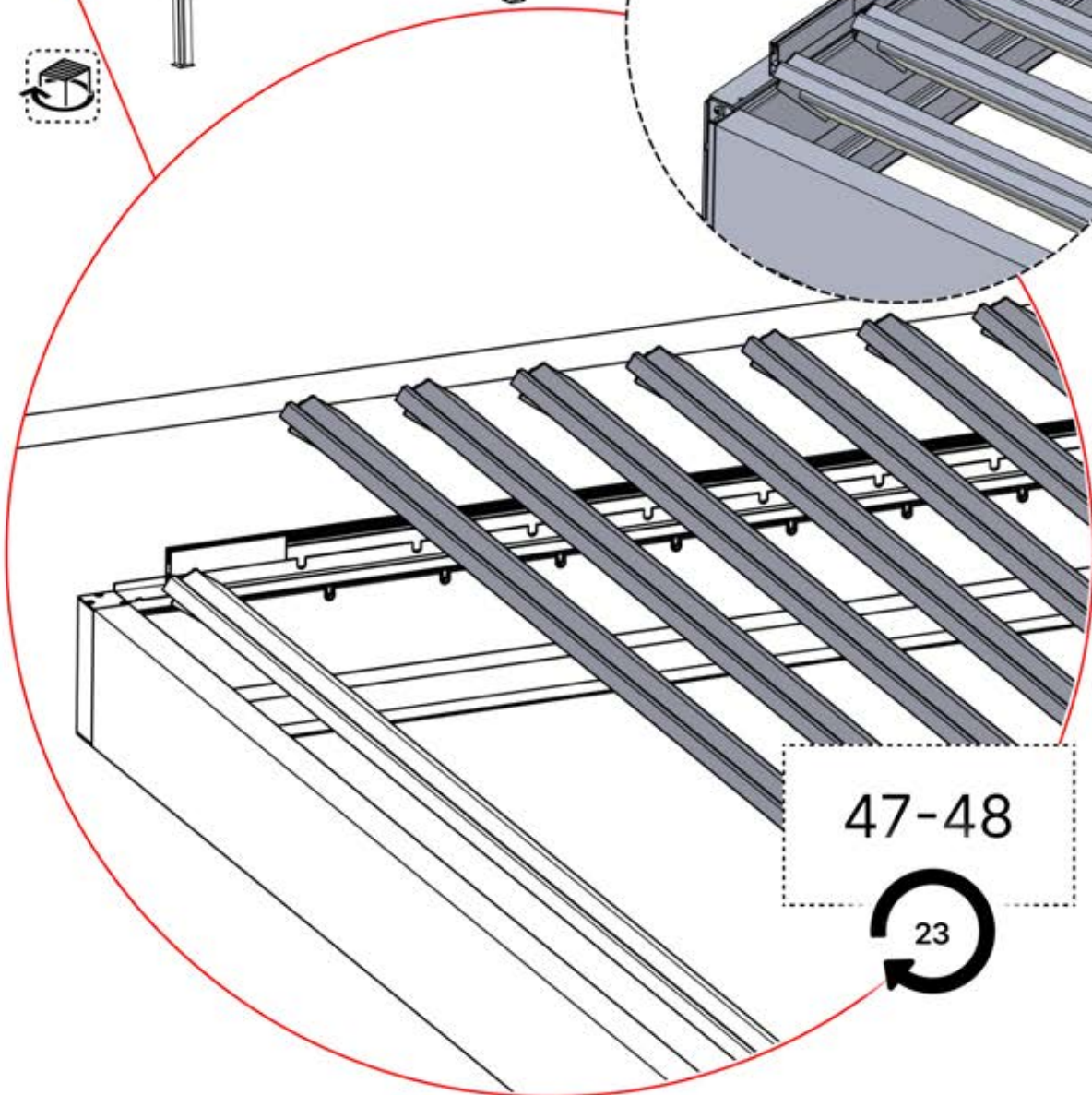
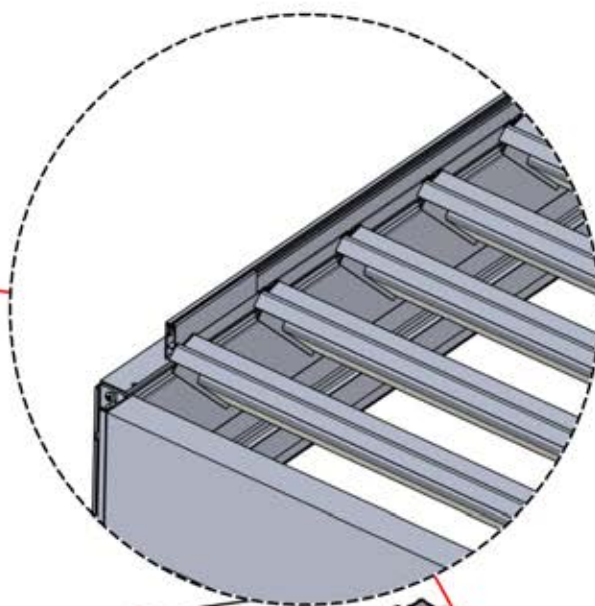
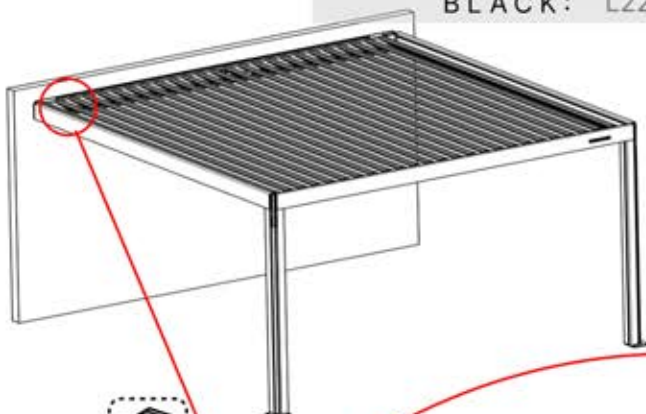


2

ANTHRACITE: L222
WHITE: L226
BLACK: L224



PN-200002883
23x



47-48

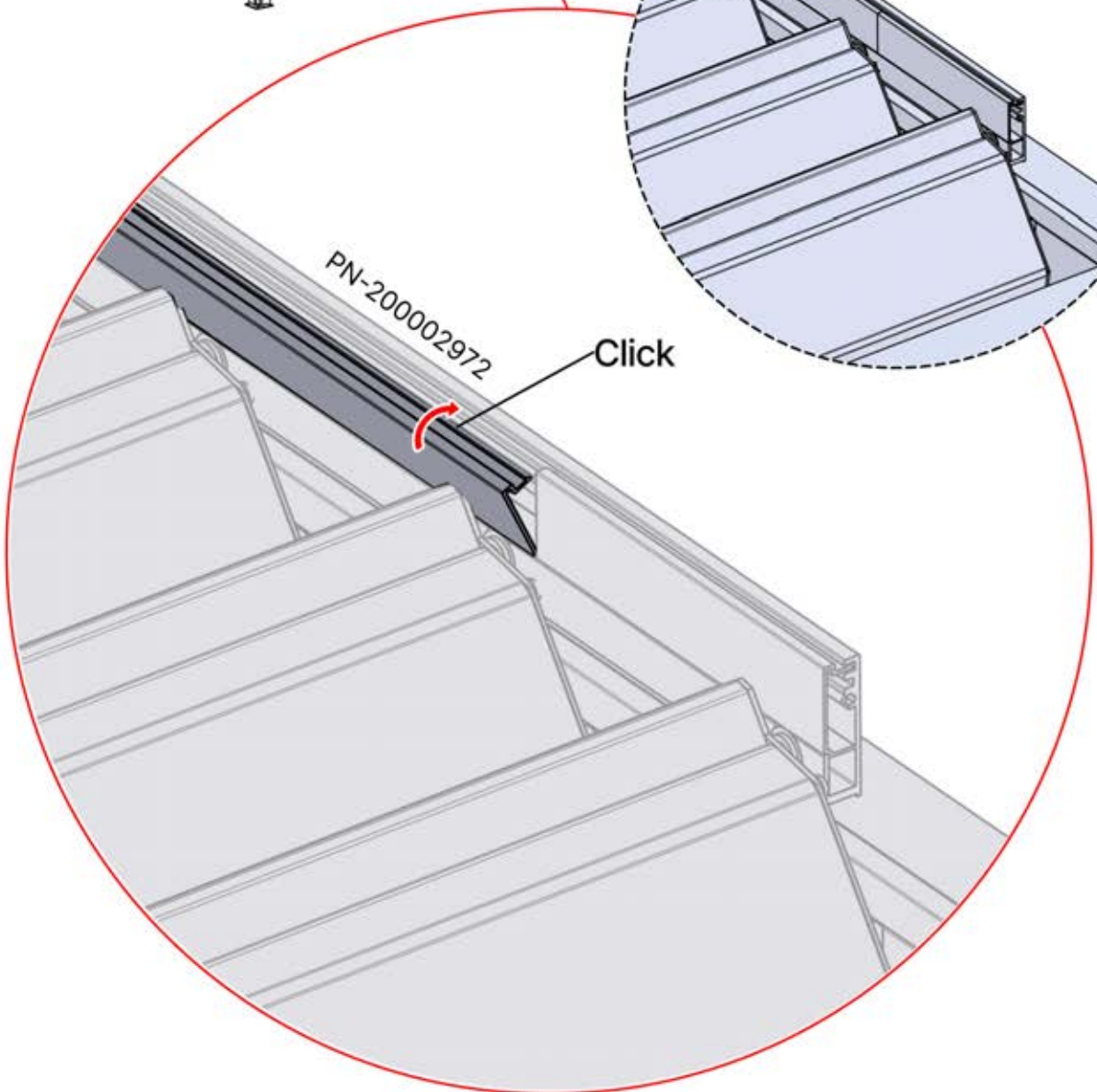
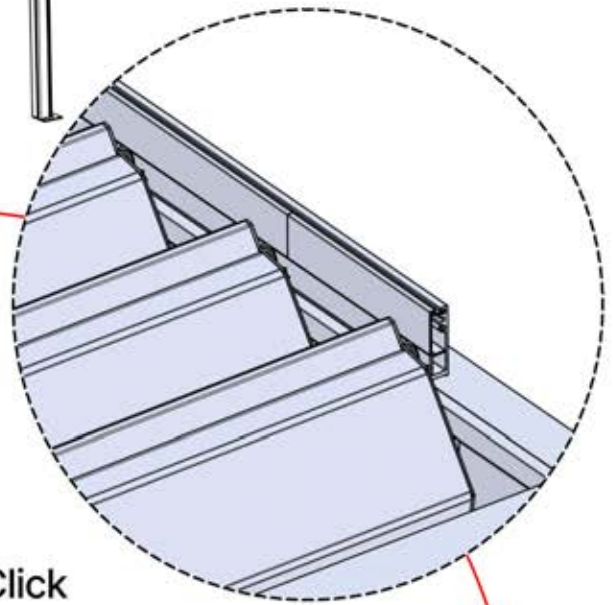
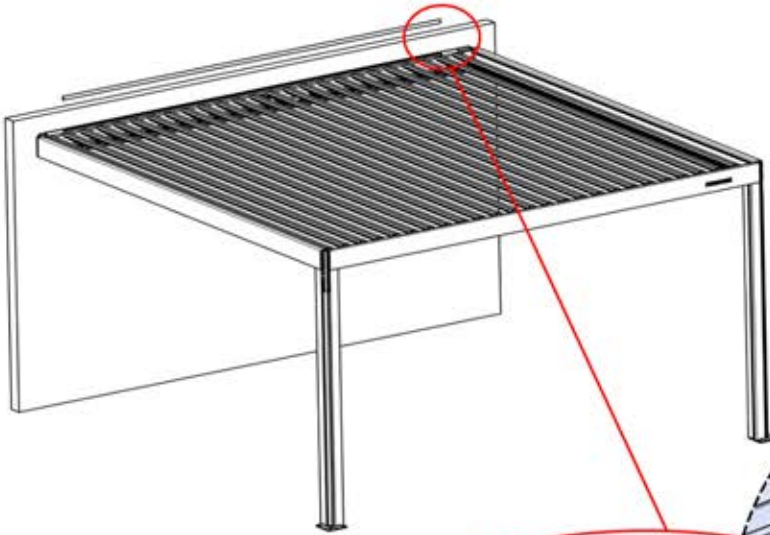
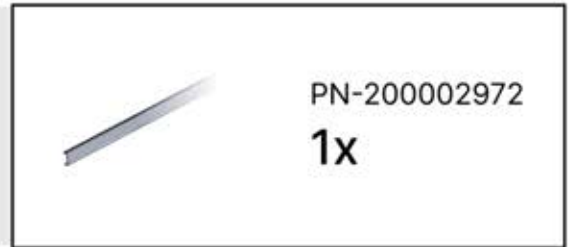
23

54



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

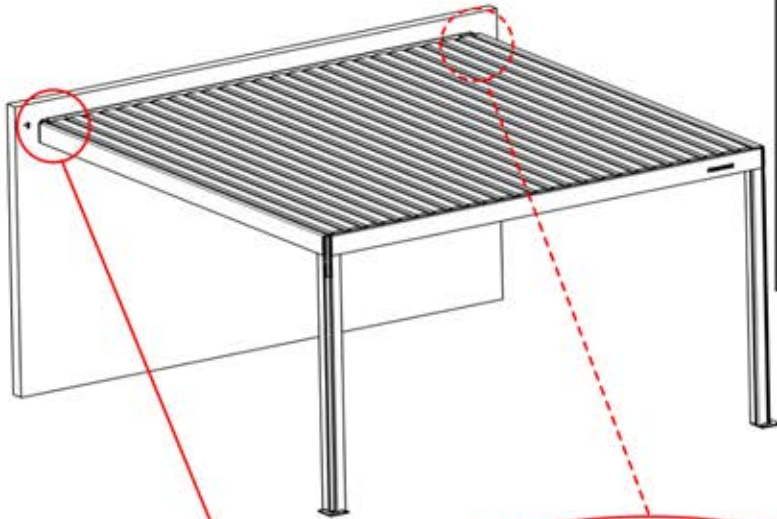


55



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



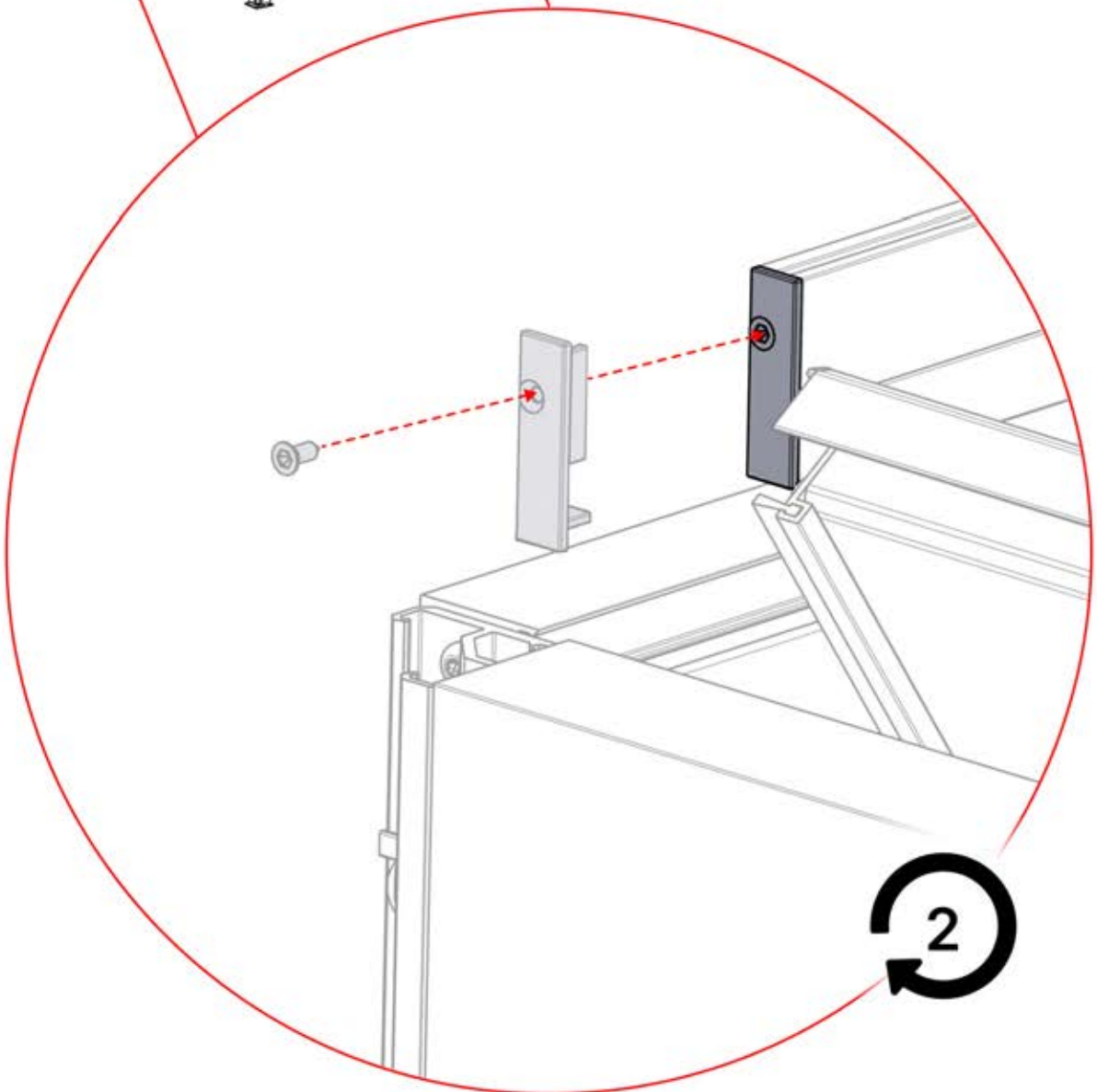
PN-200003030
1x



PN-200003031
1x



PN-200001207
1x

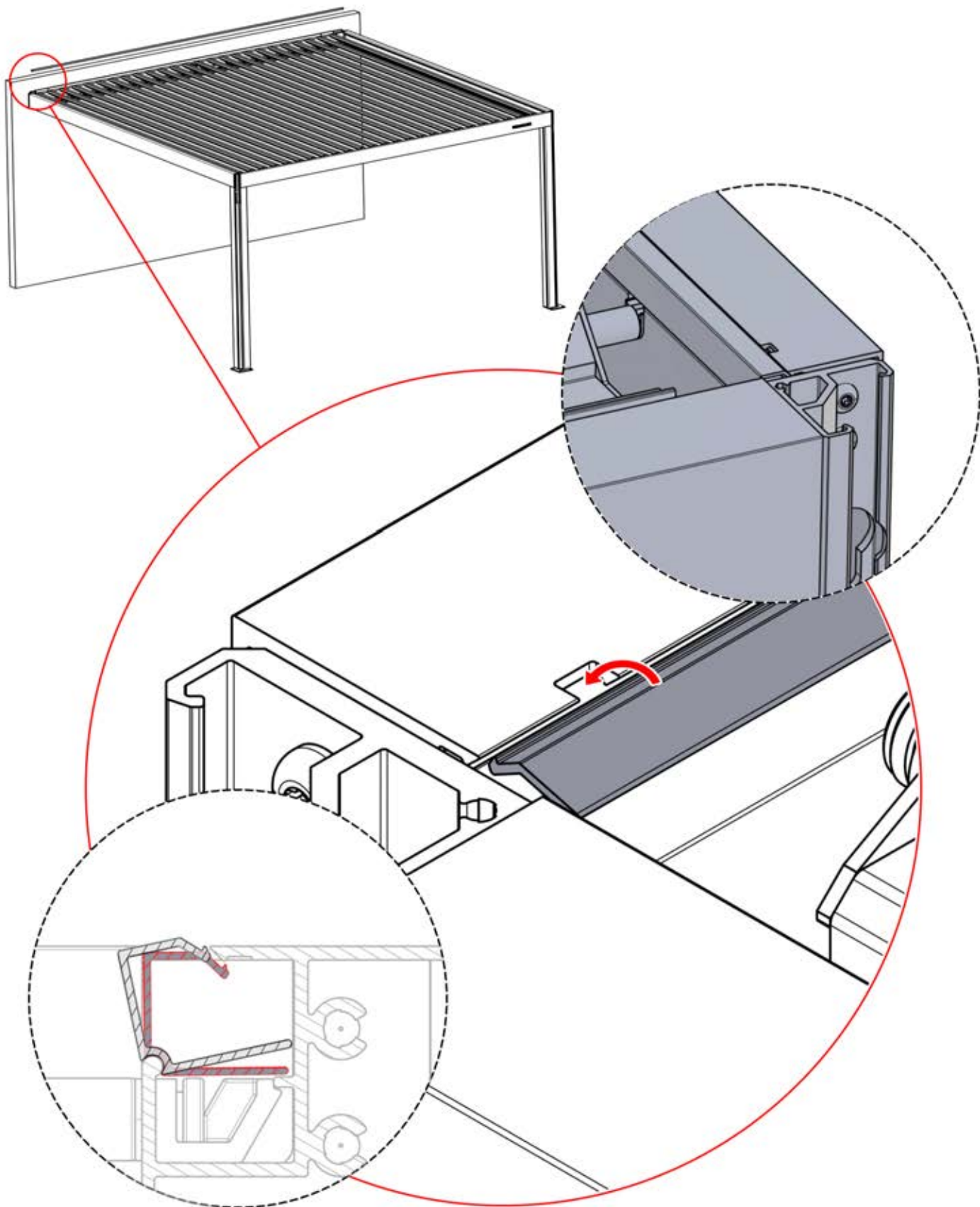
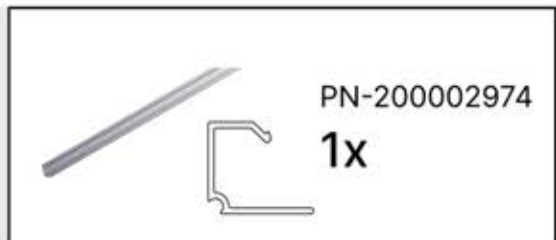


56



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

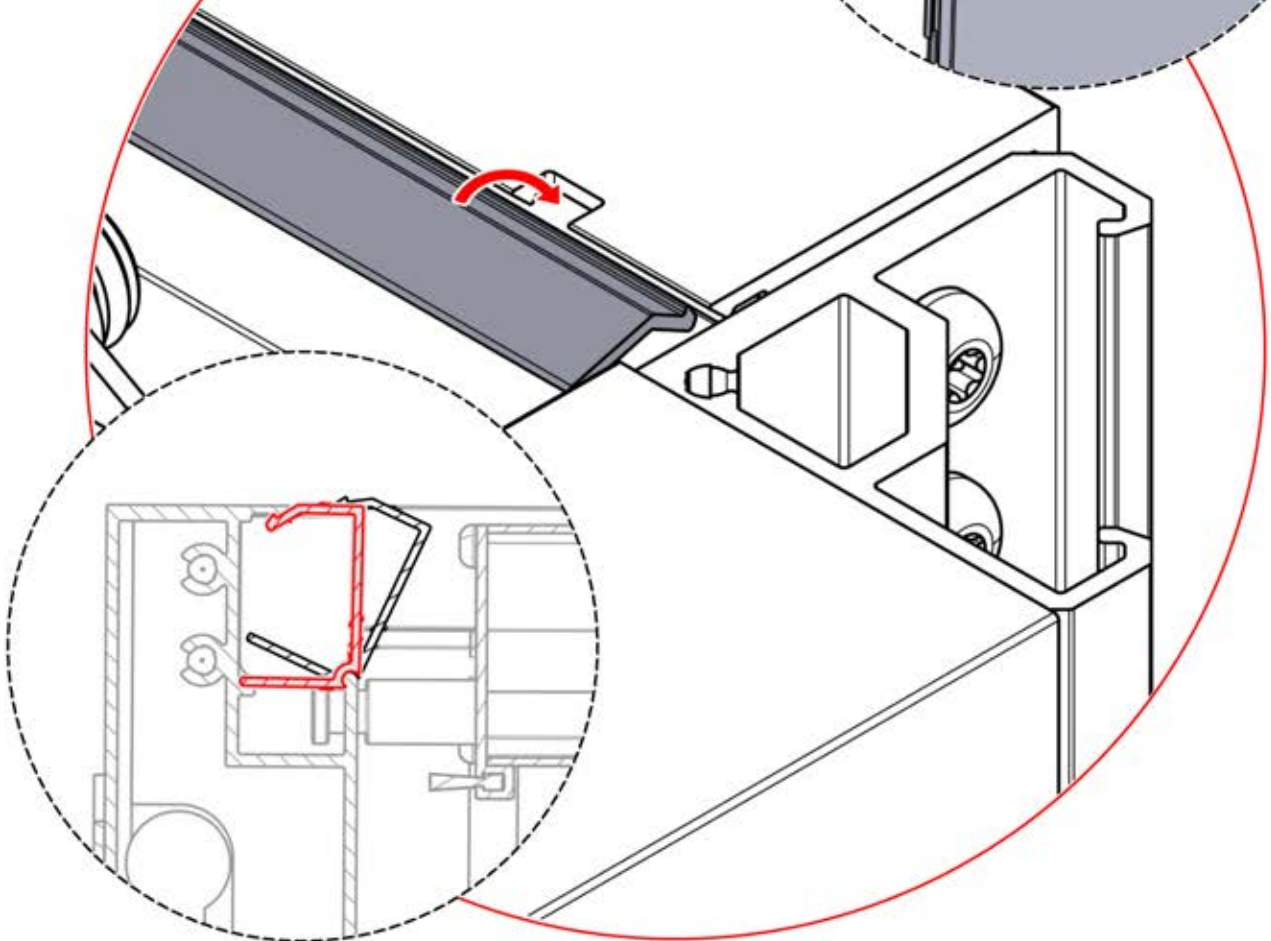
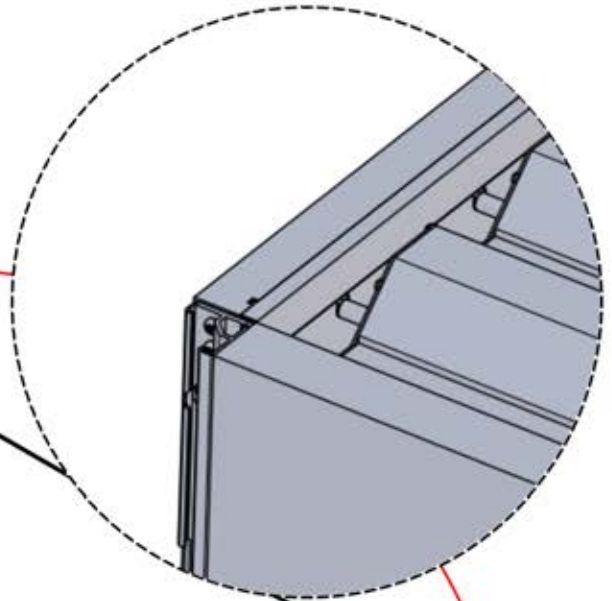
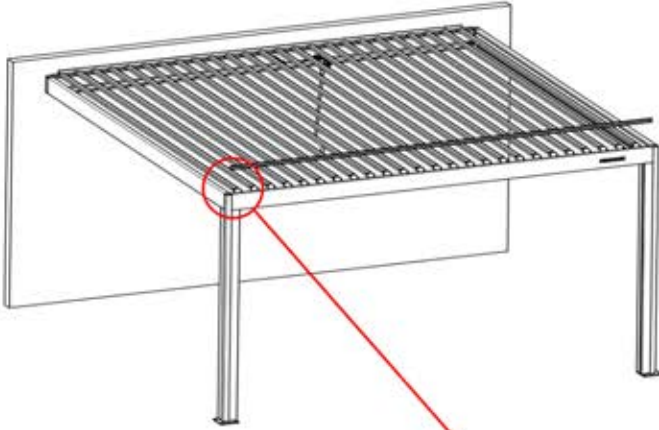
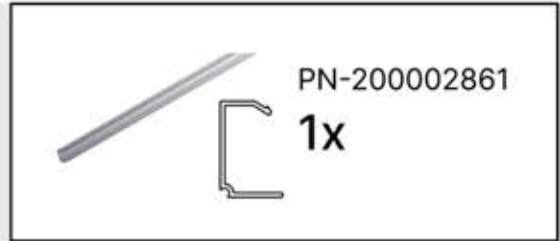


57

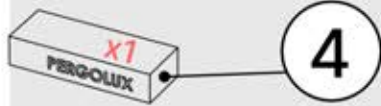


4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

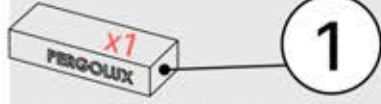


58



4

ANTHRACITE: B246
WHITE: B254
BLACK: B250



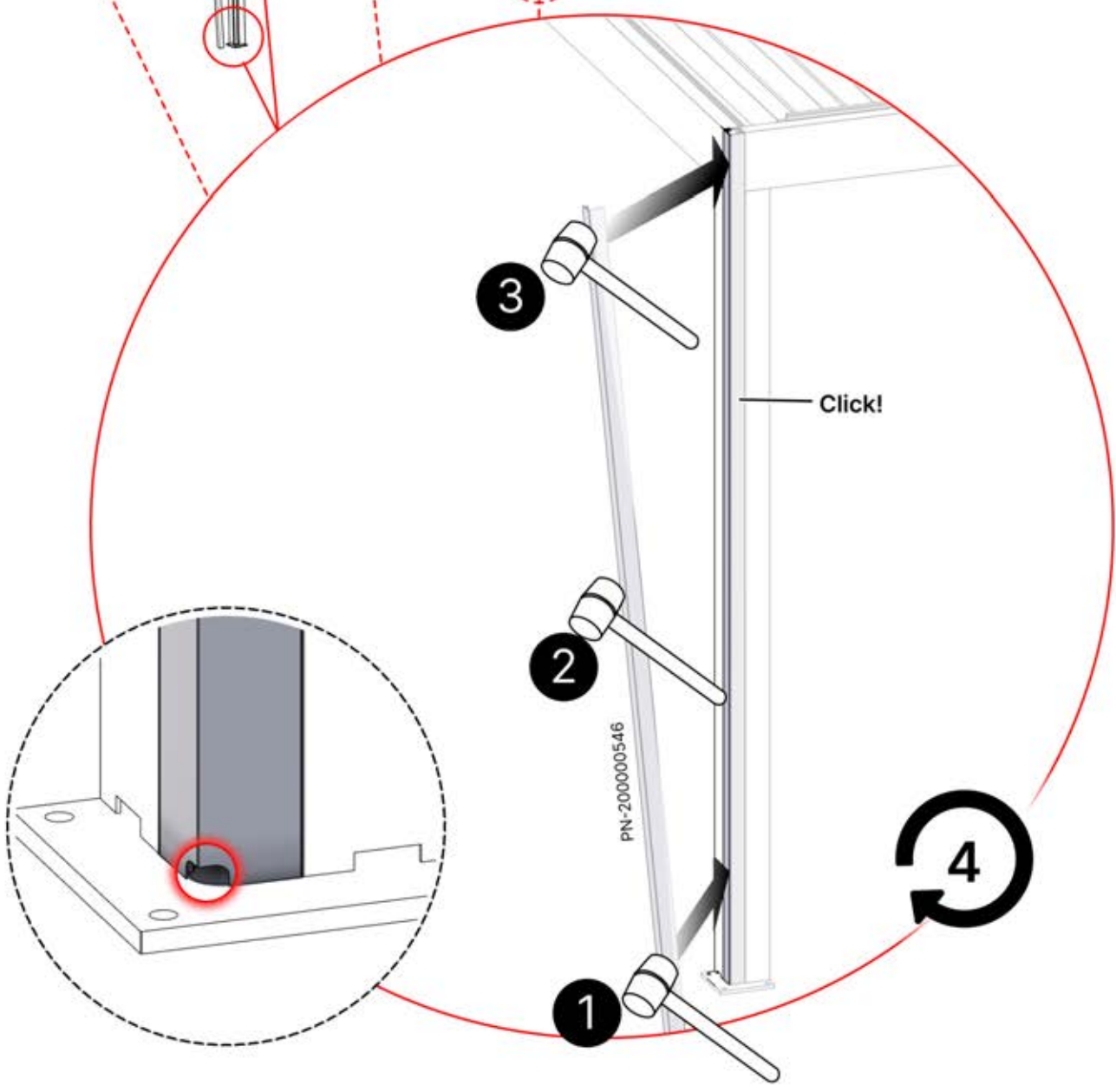
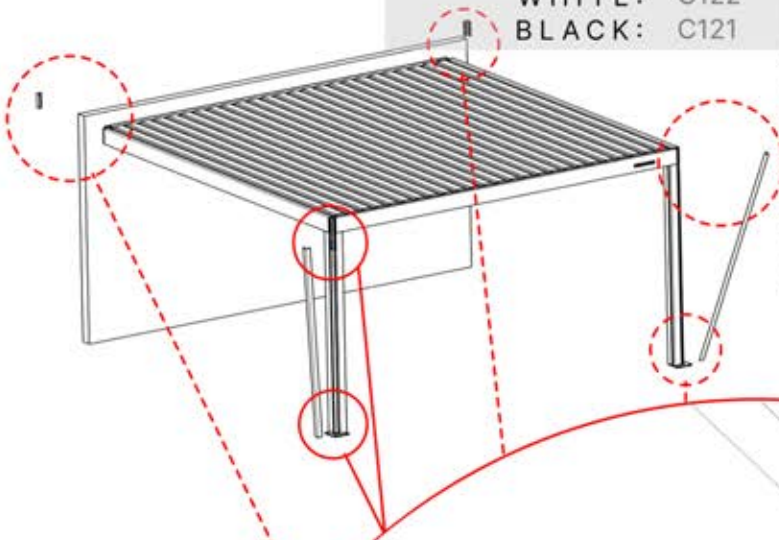
1

ANTHRACITE: C120
WHITE: C122
BLACK: C121



PN-200003386
2x

PN-200003324
2x



3

2


1

4

Click!


PN-200000546


59


 **x1**


4

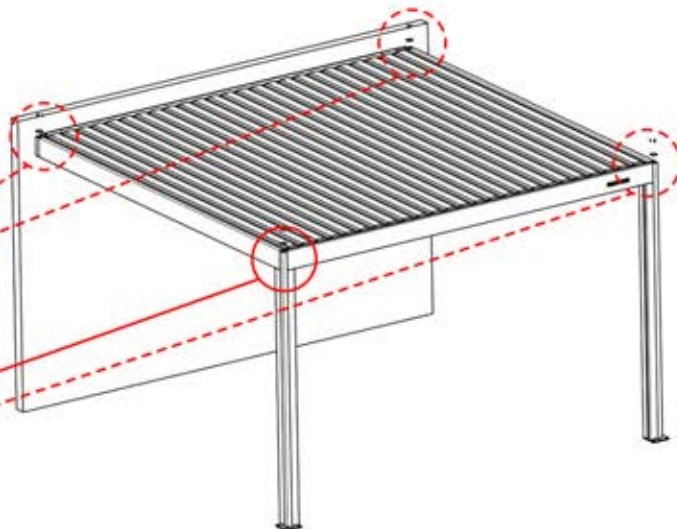
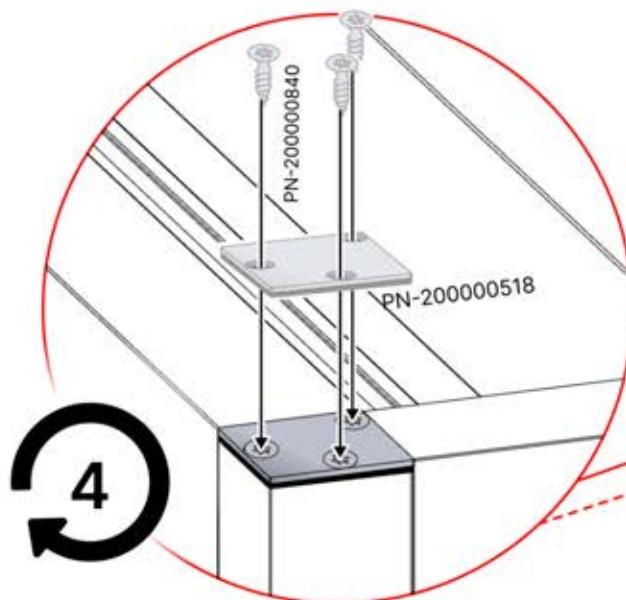
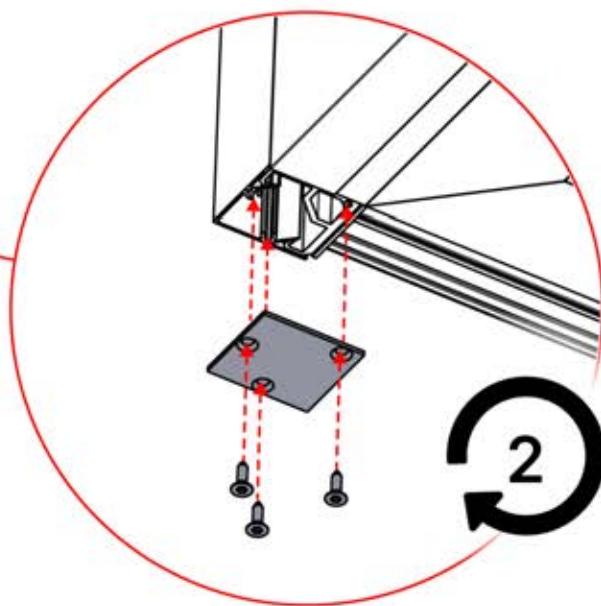
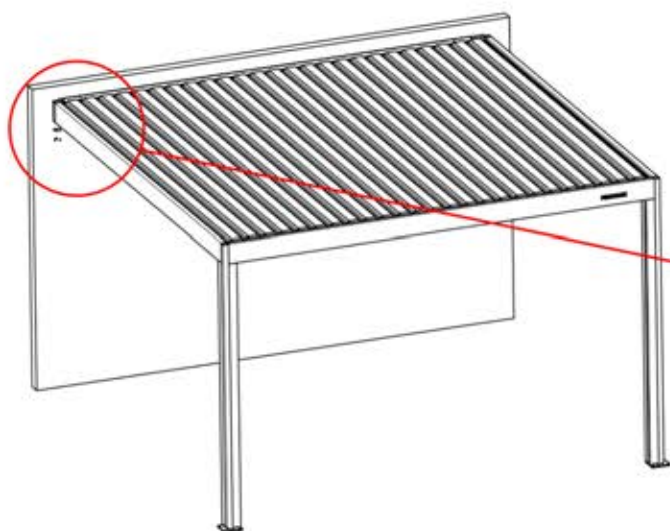
ANTHRACITE: B246
WHITE: B254
BLACK: B250

 PN-200001514
4x

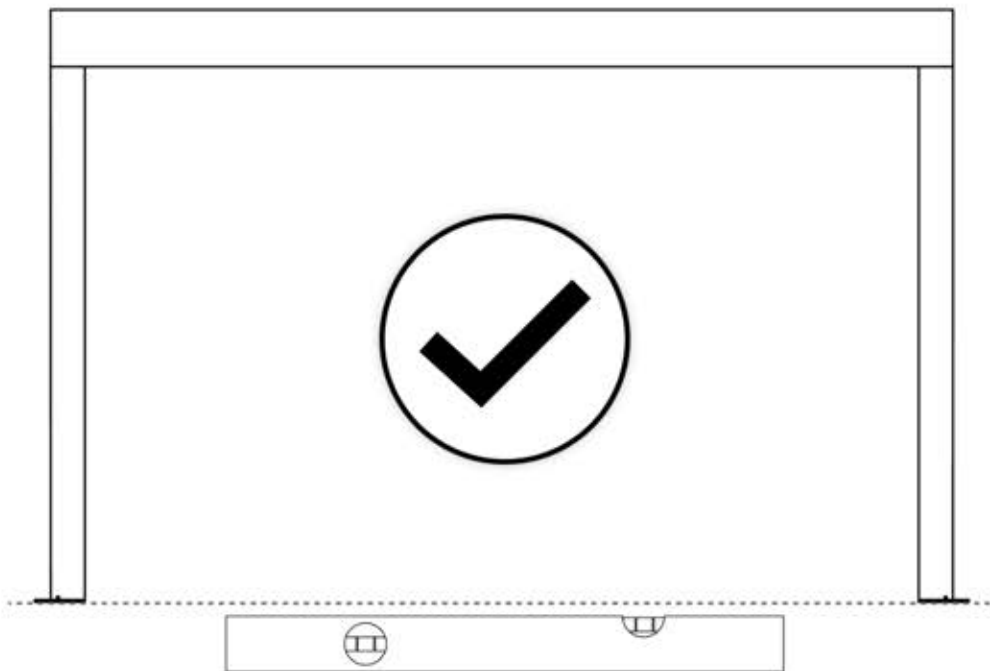
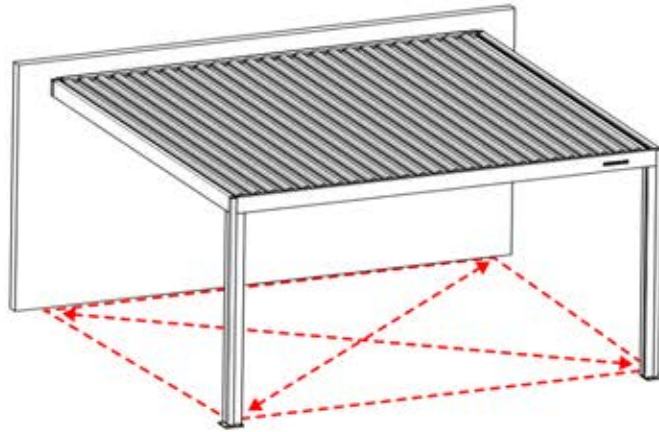
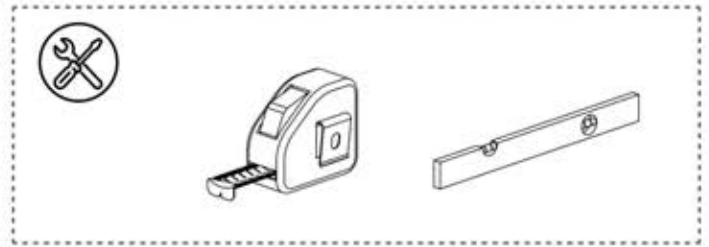
 PN-200003323
2x

 PN-200003322
2x

 PN-200000840
18x



60



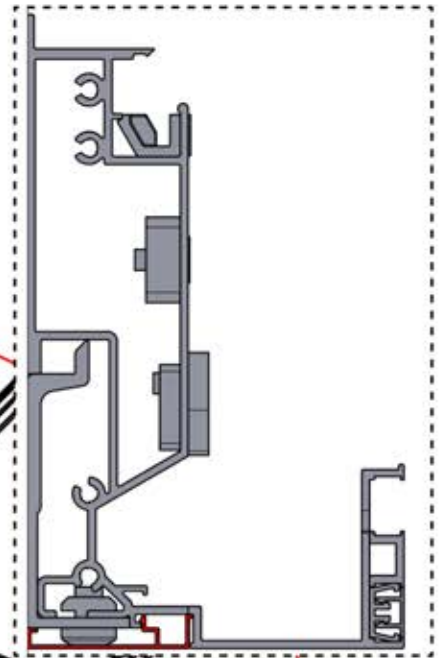
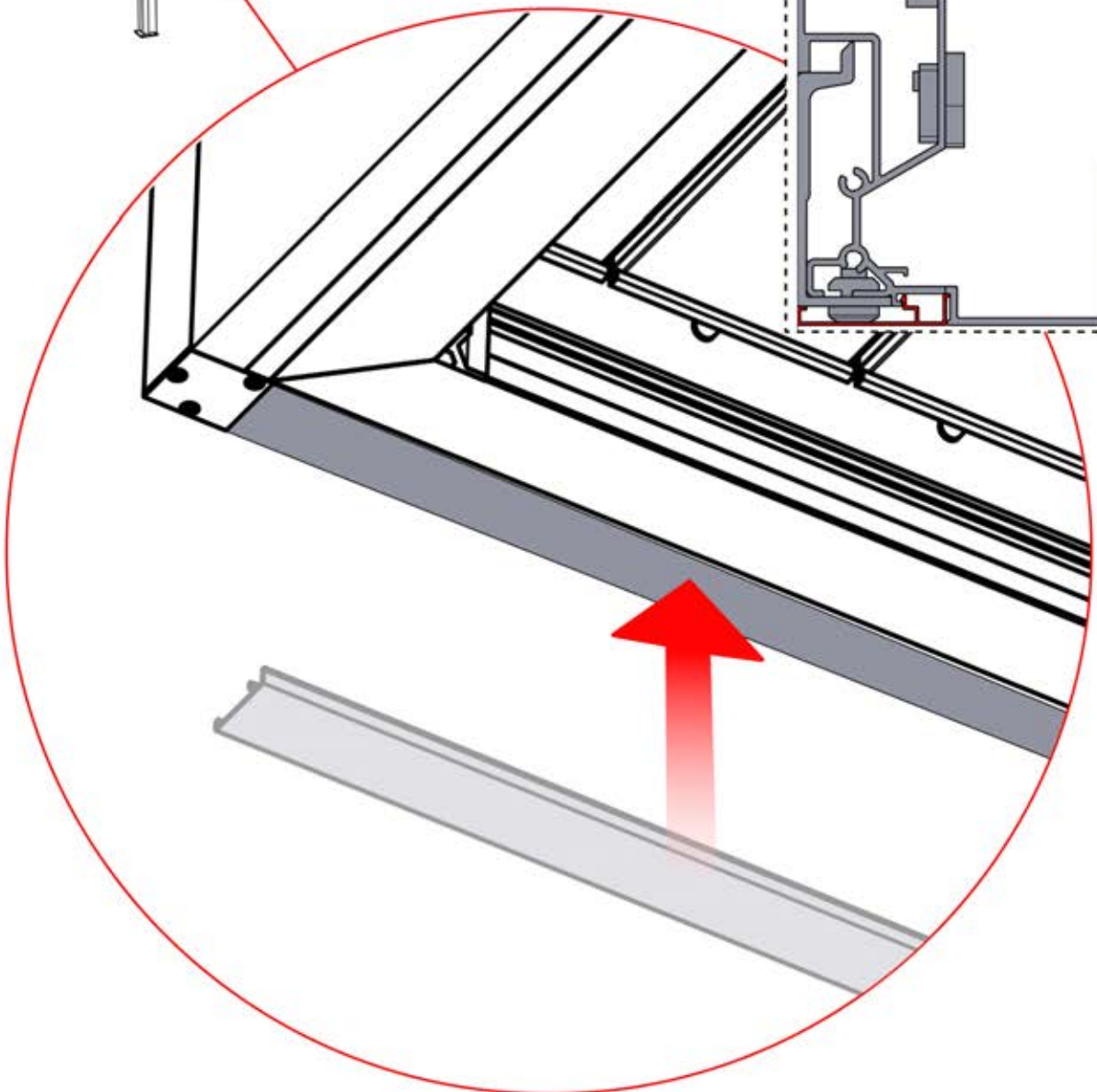
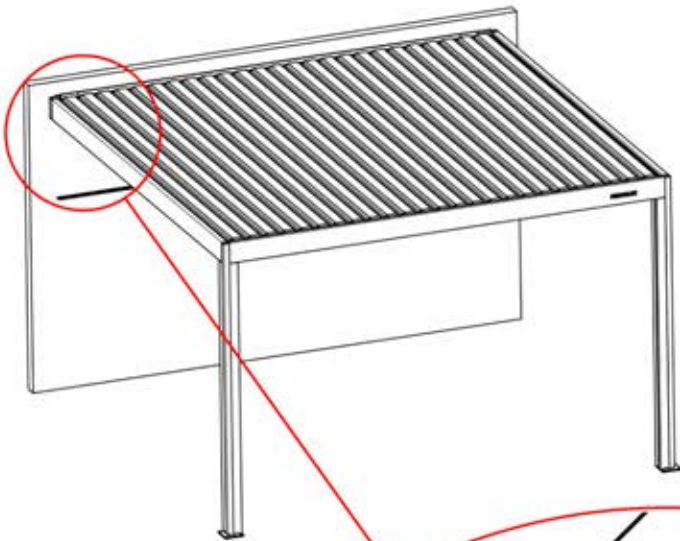
61

x1
FERGOUX

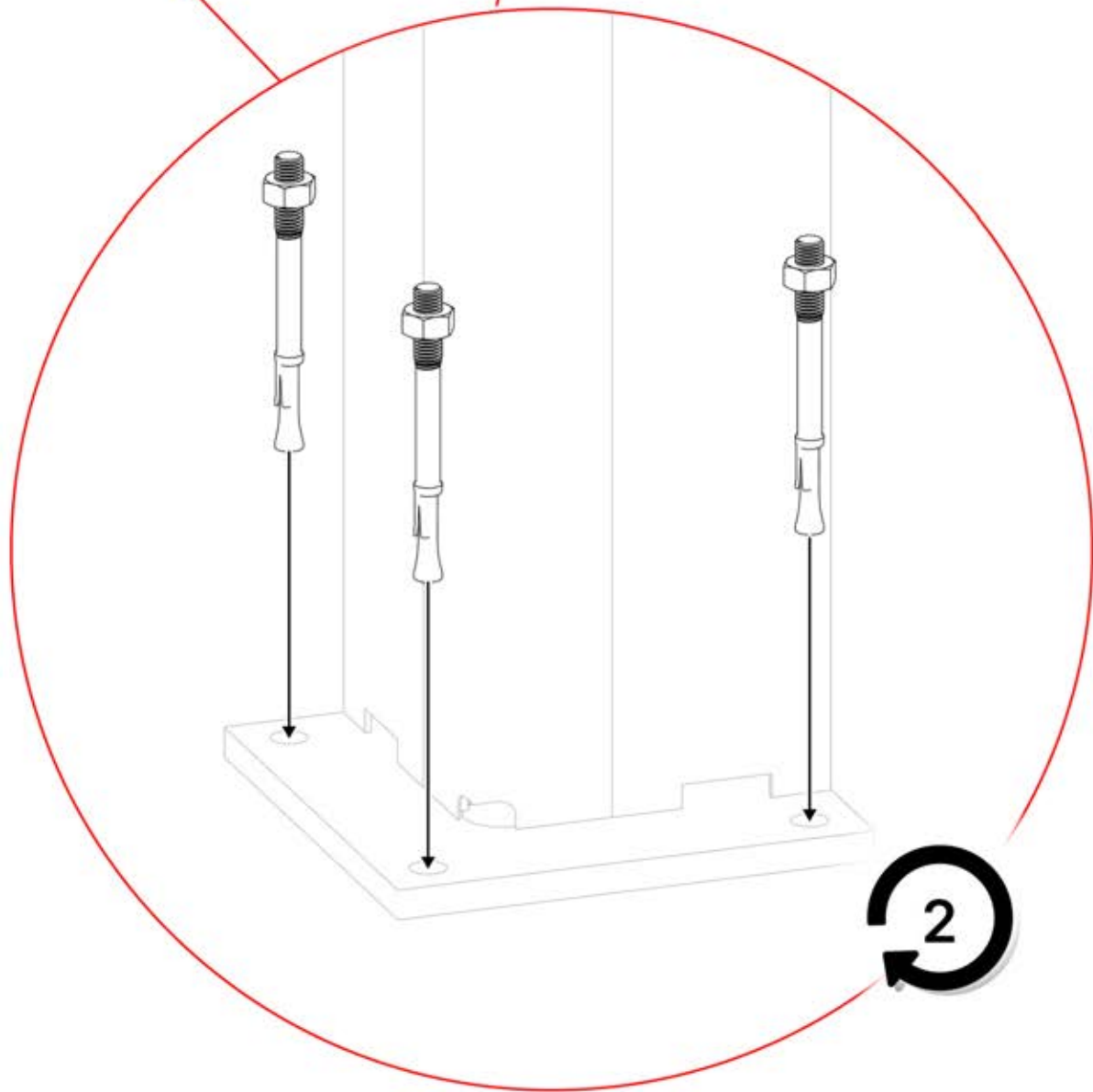
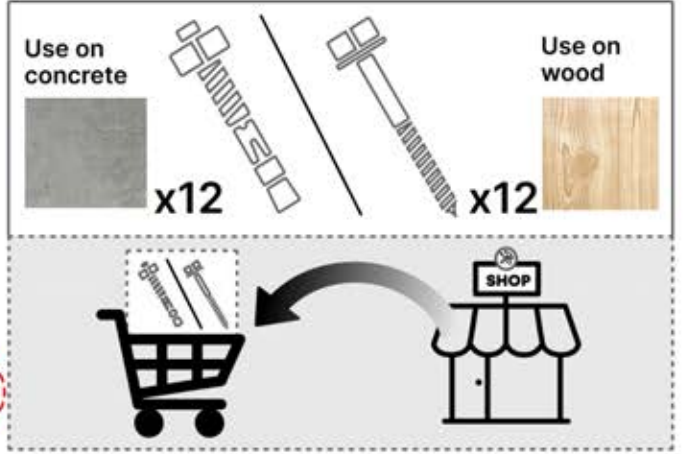
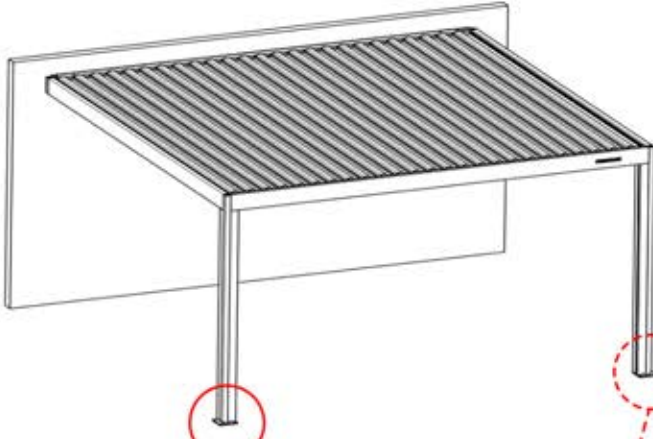
4

ANTHRACITE: B246
WHITE: B254
BLACK: B250

PN-200003332
1x



62



PERGOLUX | PERGOLA PRO WALL MOUNTED S4

4 X 5 M / 13' x 16'

