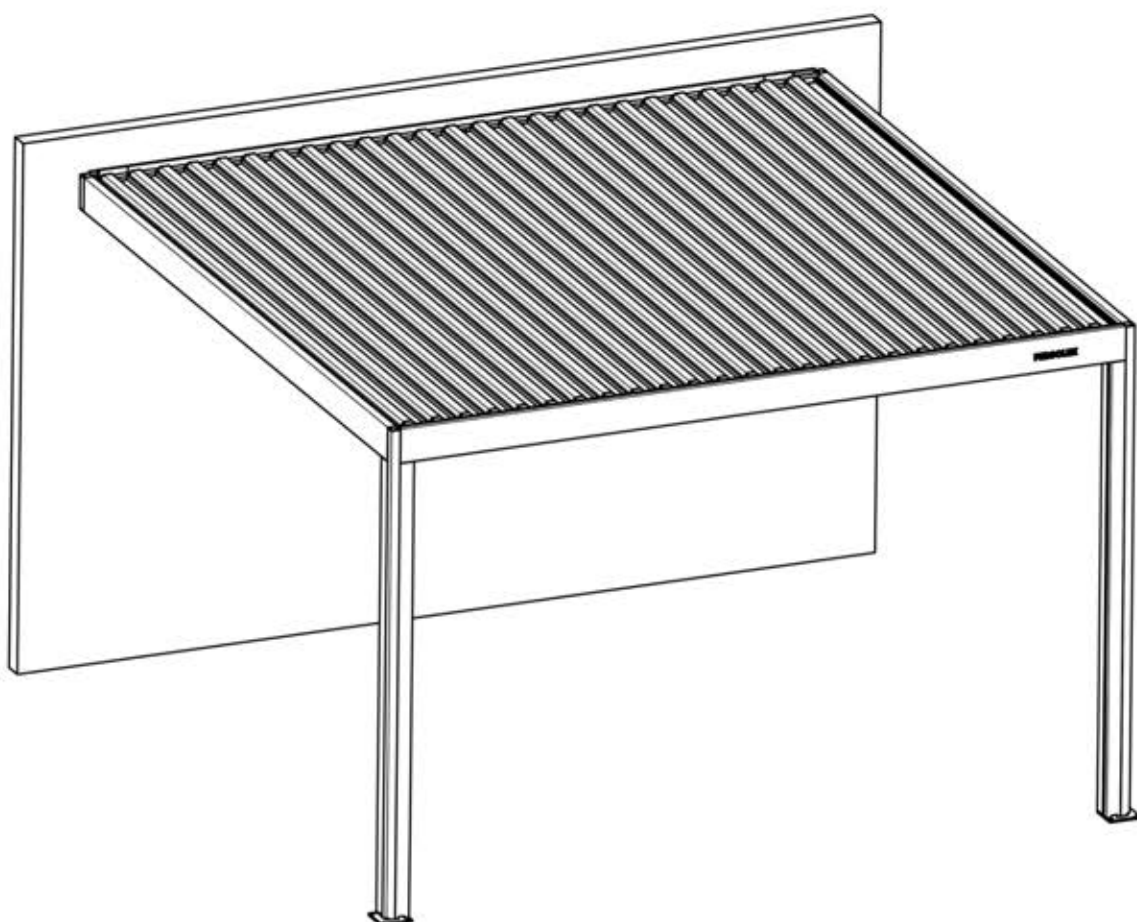


S4

CUSTOM DESIGN



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



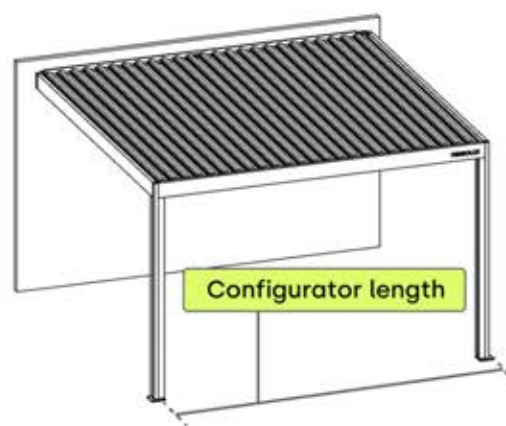
Variables



Repeat is variable

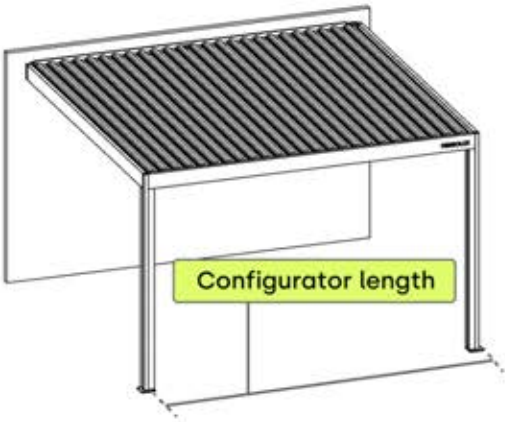
VARIABLES

Your Configurator length		Your variable
<1580	=	x9 
<1730	=	x10 
<1880	=	x11 
<2030	=	x12 
<2180	=	x13 
<2330	=	x14 
<2480	=	x15 
<2630	=	x16 
<2780	=	x17 
<2930	=	x18 
<3080	=	x19 
<3230	=	x20 
<3380	=	x21 
<3530	=	x22 
<3680	=	x23 
<3830	=	x24 
<3980	=	x25 
<4130	=	x26 
<4280	=	x27 
<4430	=	x28 
<4580	=	x29 
<4730	=	x30 
<4880	=	x31 
<5060	=	x32 
<5360	=	x34 
<5660	=	x36 
<5960	=	x38 



VARIABLES WALL MOUNTED

Your Configurator length	Your variable
<3000	= x4 
<3900	= x5 
>3900	= x6 



Variables



PN-200000510

Variable



PN-200000669

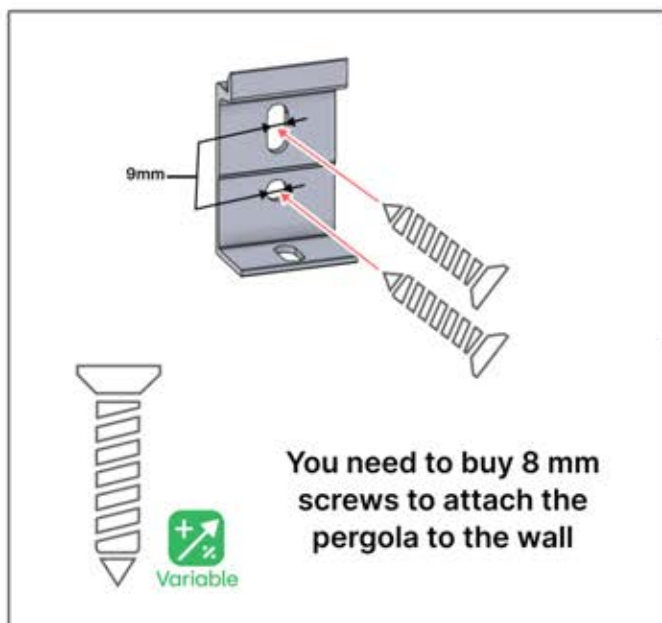
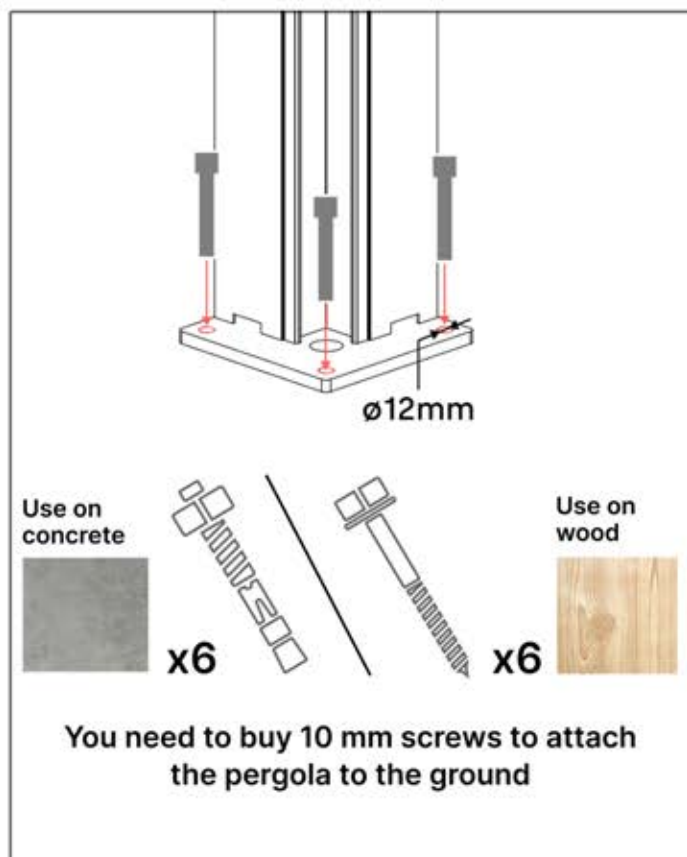
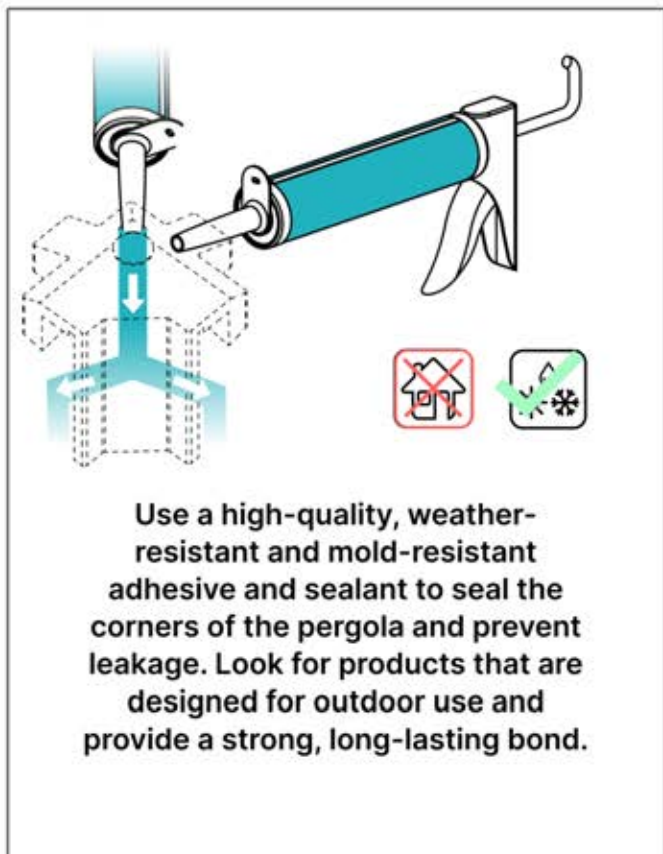
Variable



PN-200000655

Variable

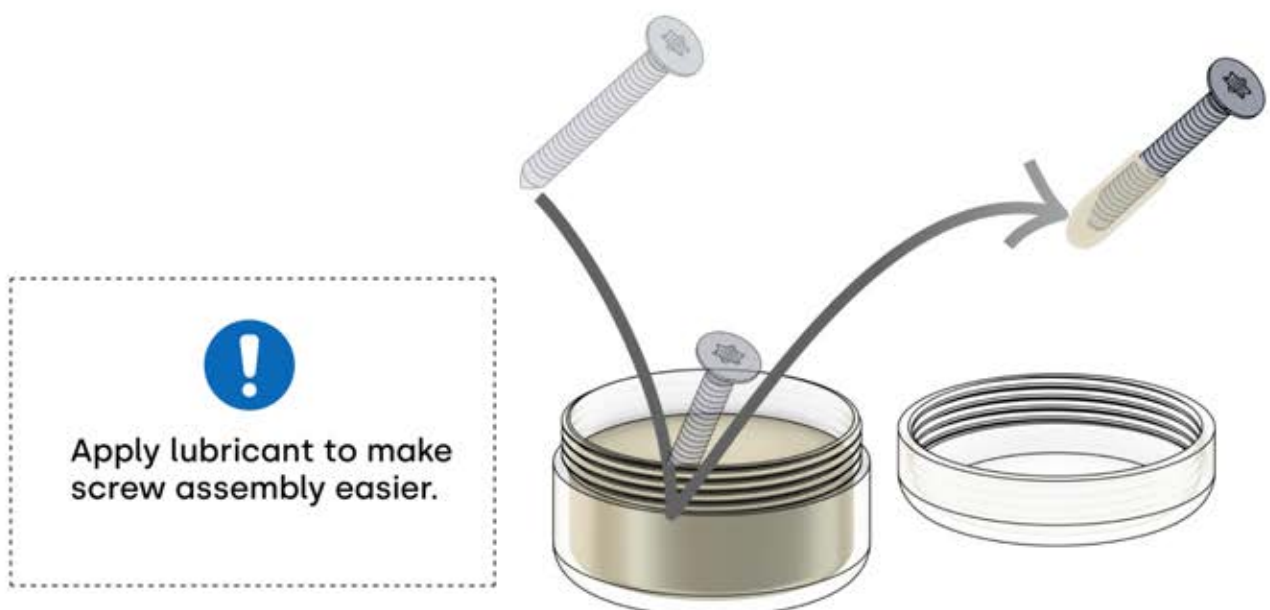
INFORMATION



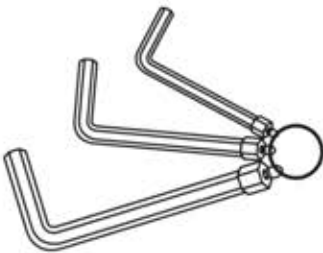
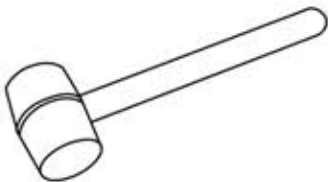
INFORMATION

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

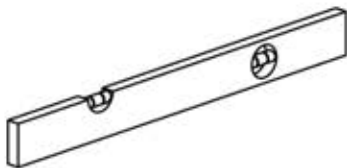
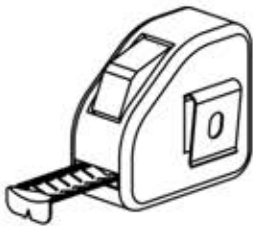
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



TOOLS



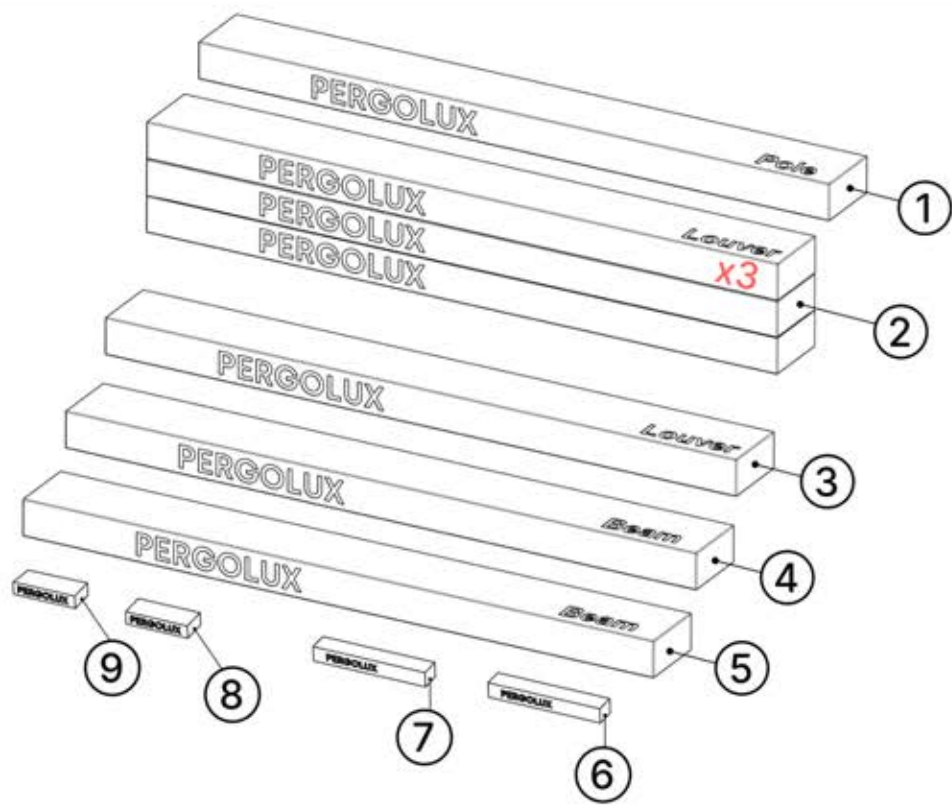
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

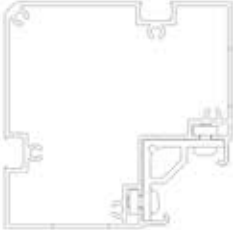


PACKAGE OVERVIEW



ORDER	ANTHRACITE	WHITE	BLACK
①	C120	C122	C121
②	L222	L226	L224
③	L234	L238	L236
④	B245	B253	B249
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

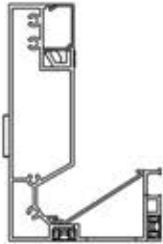
PERGOLUX PERGOLUX PERGOLUX PERGOLUX Lower x3 2	<table><tr><th>ANTHRACITE</th><th>WHITE</th><th>BLACK</th></tr><tr><td>L222</td><td>L226</td><td>L224</td></tr></table>			ANTHRACITE	WHITE	BLACK	L222	L226	L224
ANTHRACITE	WHITE	BLACK							
L222	L226	L224							
	PN-200002883 Variable								
PERGOLUX Lower 3	<table><tr><th>ANTHRACITE</th><th>WHITE</th><th>BLACK</th></tr><tr><td>L234</td><td>L238</td><td>L236</td></tr></table>			ANTHRACITE	WHITE	BLACK	L234	L238	L236
ANTHRACITE	WHITE	BLACK							
L234	L238	L236							
	PN-200002883 Variable								
	PN-200002975 1x								

ITEMS IN BOX

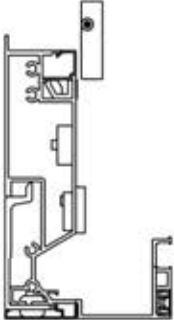


4

ANTHRACITE	WHITE	BLACK
B245	B253	B249



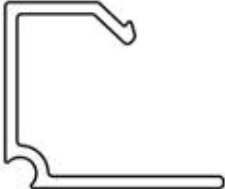
PN-200003283
1x



PN-200003388
1x



PN-200002623
1x



PN-200002609
1x



PN-200002613
1x

ITEMS IN BOX



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



ANTHRACITE

WHITE

BLACK

4

B245

B253

B249



PN-200002633

1x



PN-200003329

1x



PN-200003382

1x

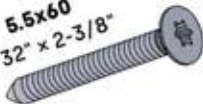


PN-20000

3326

5.5x60

7/32" x 2-3/8"



PN-200000560

10x



PN-20000

3320



PN-200000826

2x



PN-20000

3302



PN-200001514

4x



PN-200003322

1x



PN-200003323

1x



PN-200000840

18x

ITEMS IN BOX



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



ANTHRACITE

WHITE

BLACK

4

B245

B253

B249



PN-20000
3278



PN-200003030
1x

PN-200003031
1x



PN-200003033
2x

PN-200001207
2x



PN-20000
3279



PN-200000568
32x



PN-20000
3379



PN-200000960
4x



PN-20000
3276



PN-200002618
4x



PN-200000571
4x



PN-20000
3365



PN-200000507
4x



PN-200000569
8x



PN-200000568
2x



PN-200000516
2x



PN-20000
3364



PN-200002792
2x



PN-200002617
2x

ITEMS IN BOX



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



	ANTHRACITE	WHITE	BLACK
--	------------	-------	-------

4	B245	B253	B249
---	------	------	------



PN-20000

3371



PN-200003372

1x



PN-200001946

1x



PN-200000502

1x



PN-200003373

1x



PN-200000561

1x



PN-20000

3281



PN-200002622

4x



PN-200000680

8x



PN-20000

3305



PN-200000510

Variable



PN-200000669

Variable



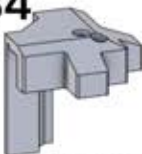
PN-200000655

Variable



PN-20000

3284



PN-200002625

4x



PN-20000

3309



PN-200003308

2x



PN-200003324

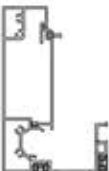
2x



PN-200001340

1x

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

1xMatter 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](#)

TEST OF ELECTRONICS

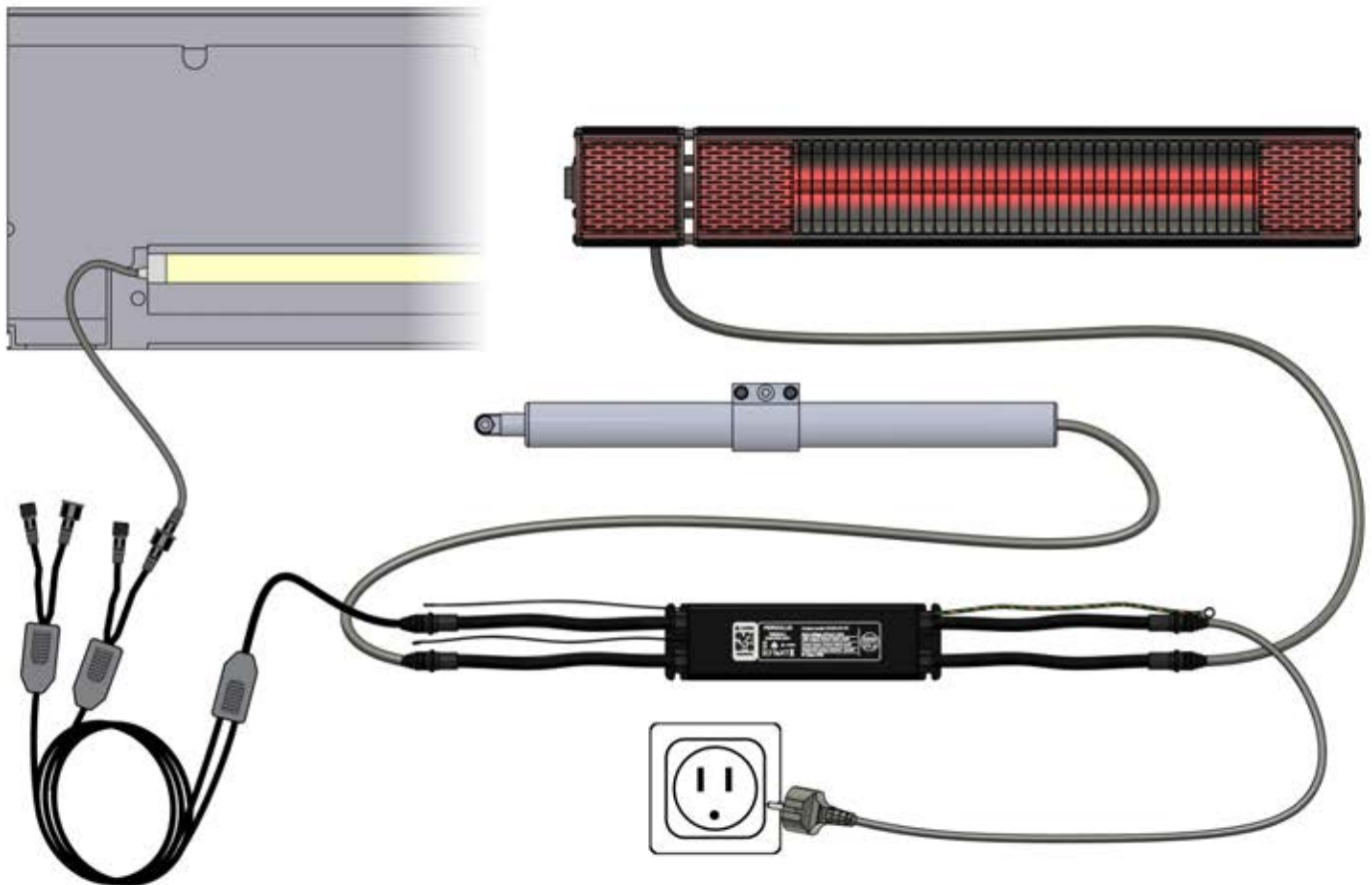
! ** Only if you ordered LED lights to your pergola.



All electric parts should be tested before installation.

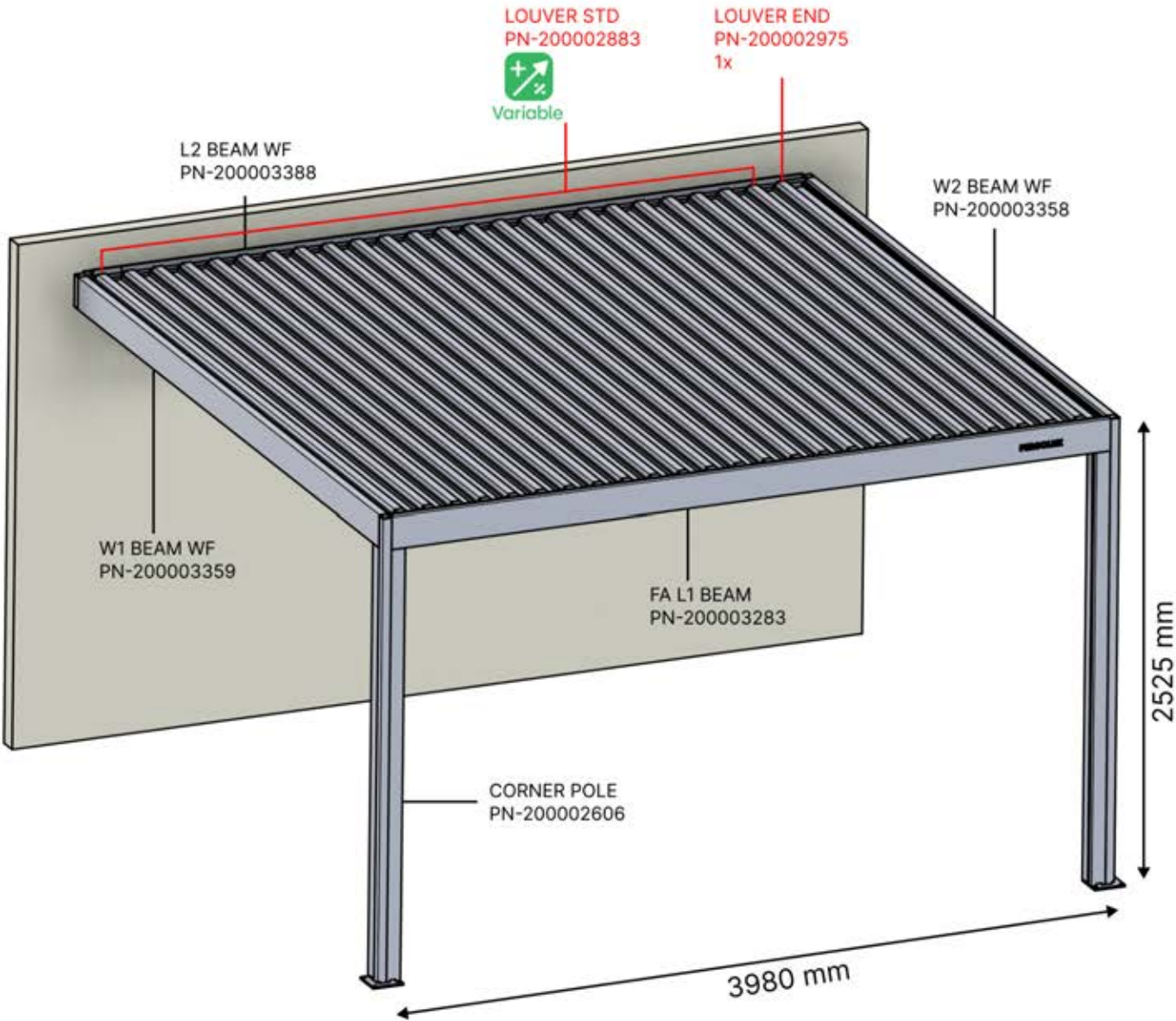
LEDs + Motor (and heater) should be connected to the Control box and programmed to ensure functionality.

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

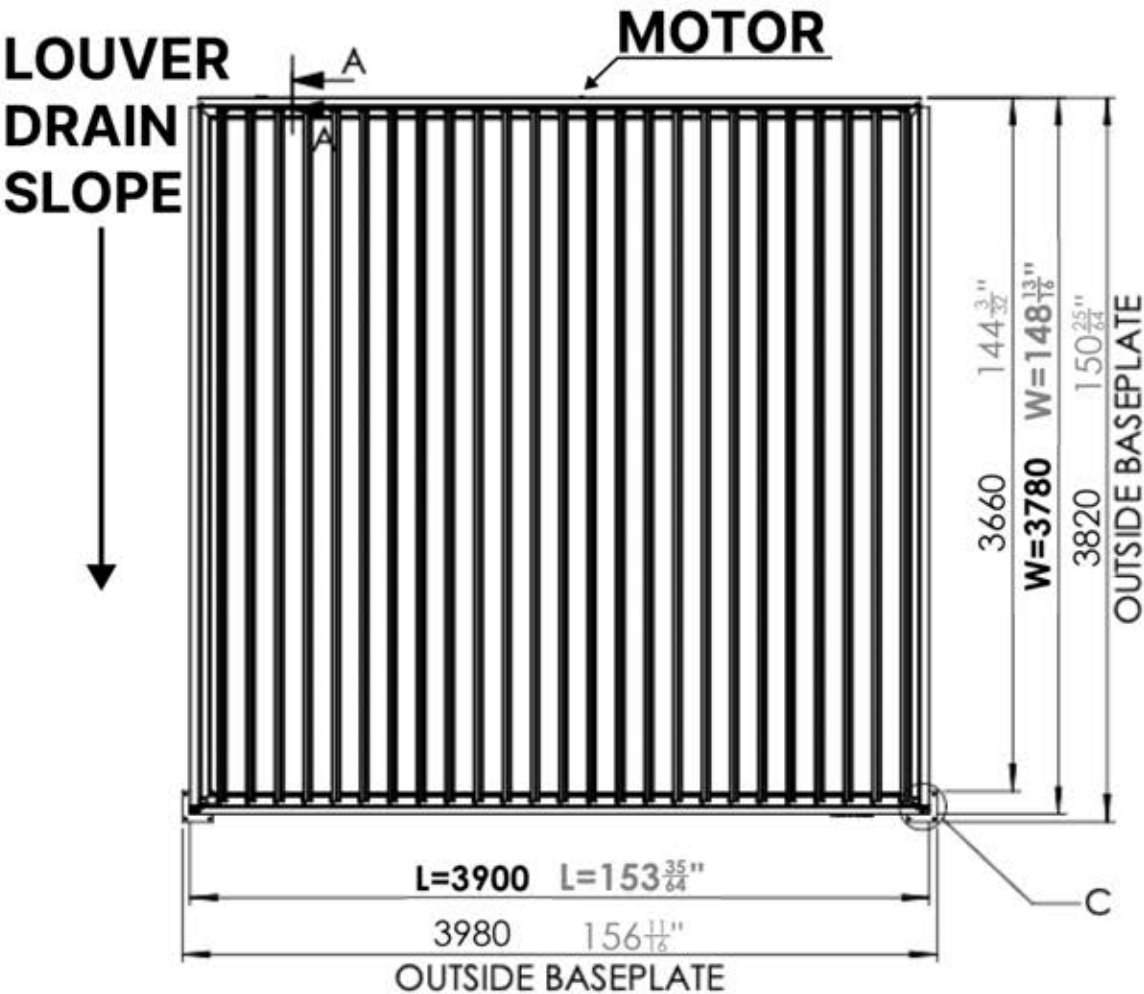
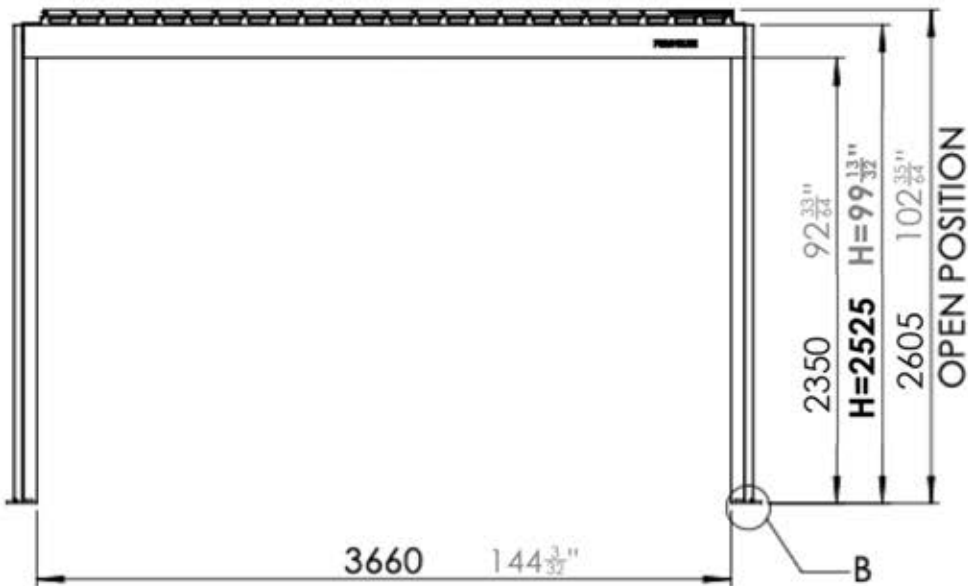


PERGOLUX | CUSTOM DESIGN S4

WALL MOUNTED



WALL MOUNTED



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.

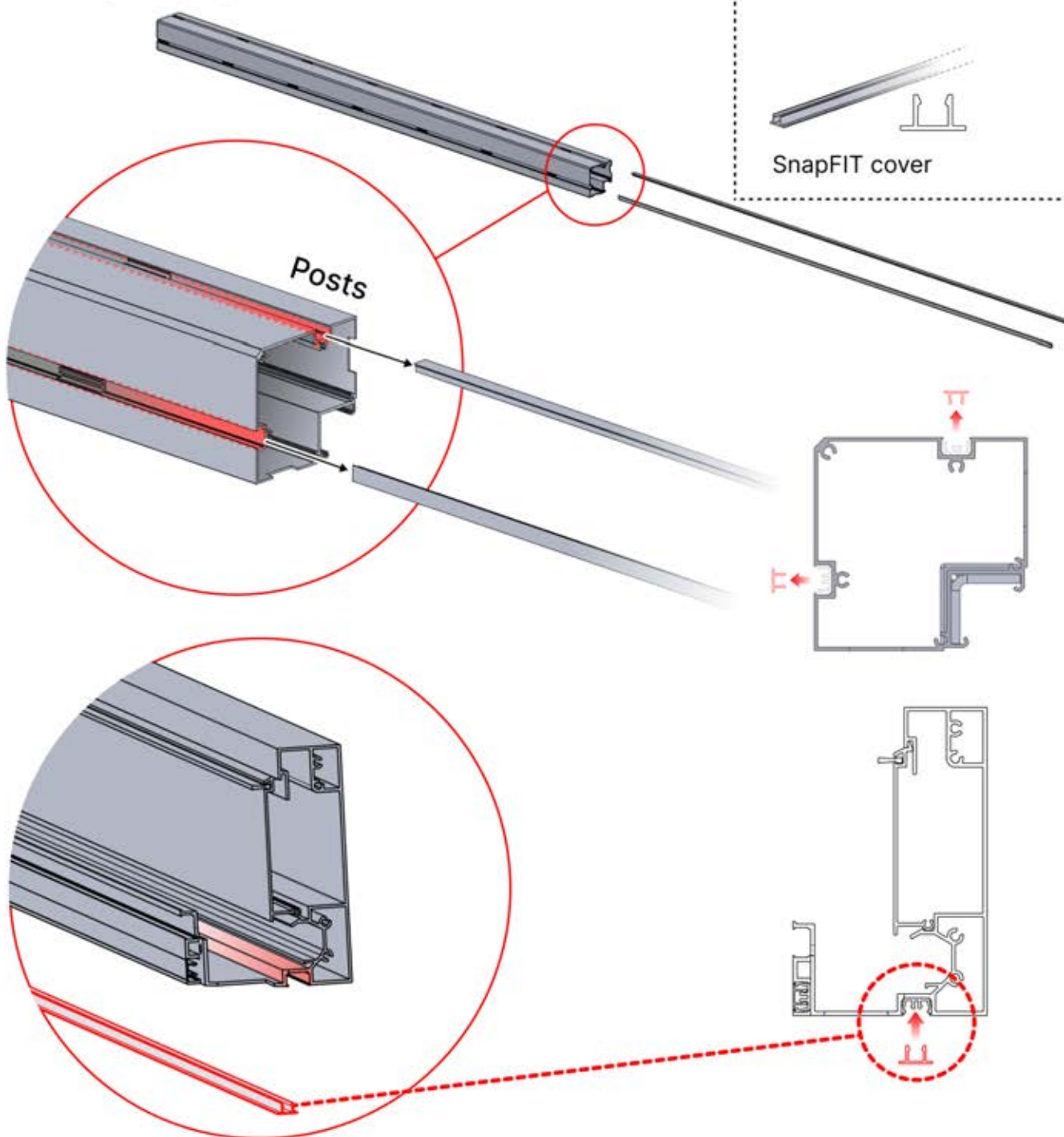
Cover and clips



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.

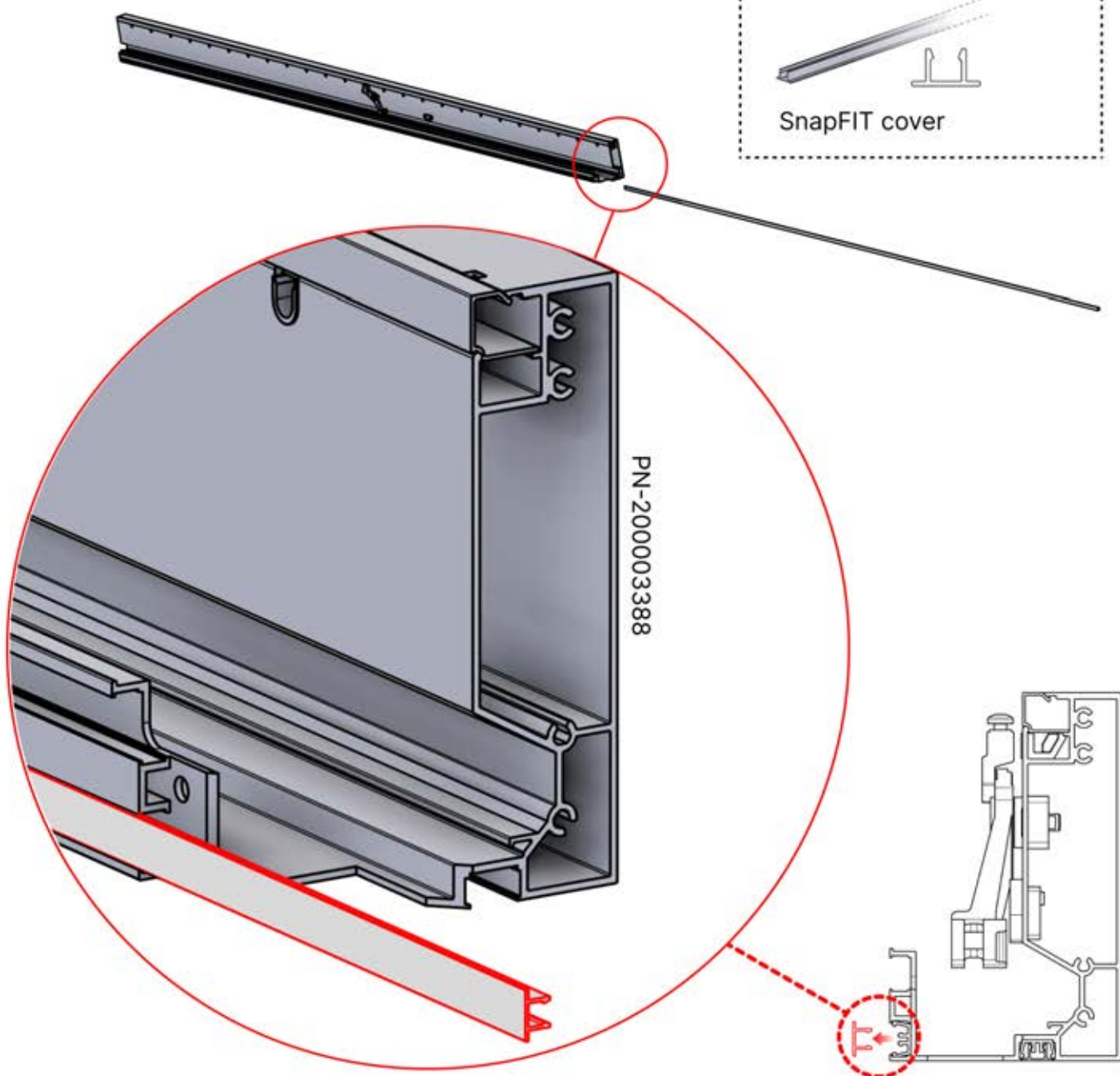
Cover and clips



PN-200000512
SnapFIT COVER CLIP

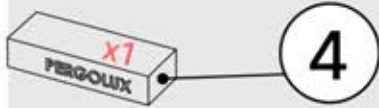


SnapFIT cover

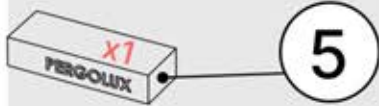


PERGOLUX | CUSTOM DESIGN S4

INFORMATION



ANTHRACITE: B245
WHITE: B253
BLACK: B249



ANTHRACITE: B263
WHITE: B267
BLACK: B265



PN-200003358

1x

PN-200003359

1x

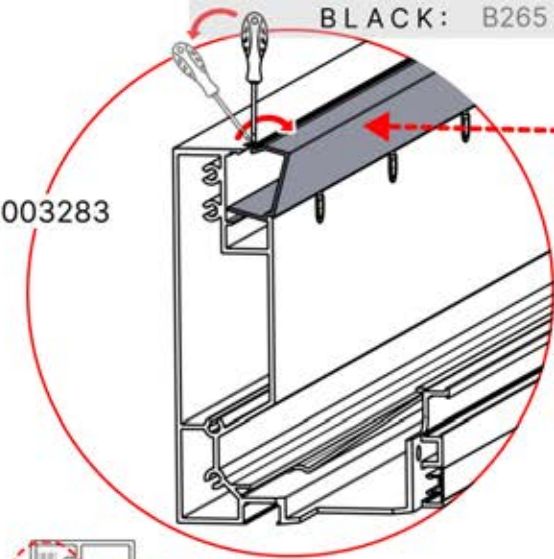
PN-200003283

1x

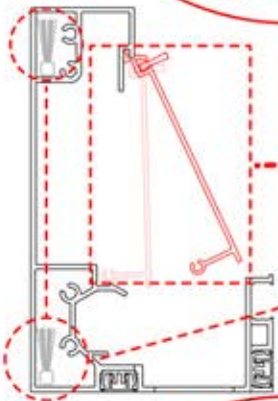
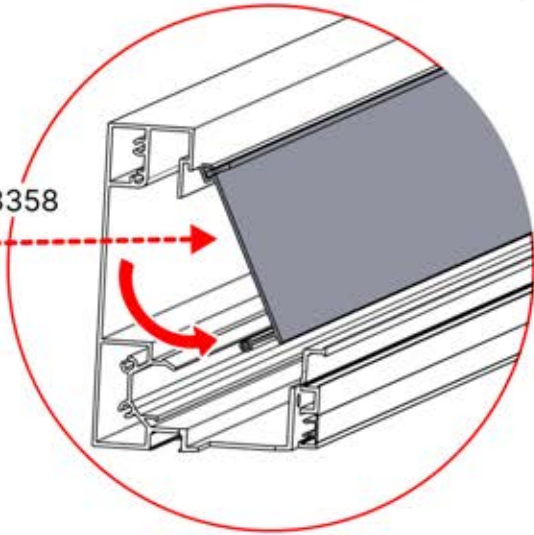
PN-200003388

1x

PN-200003283

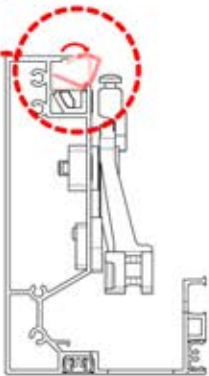


PN-200003358

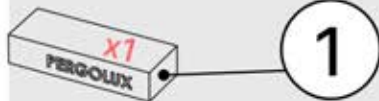


Remove the brush from the beam and set it aside. It will be installed during a later step in the manual.

PN-200003388



01



1

ANTHRACITE: C120
WHITE: C122
BLACK: C121



4

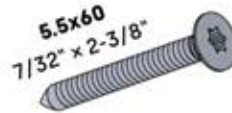
ANTHRACITE: B245
WHITE: B253
BLACK: B249



PN-200002606
2x

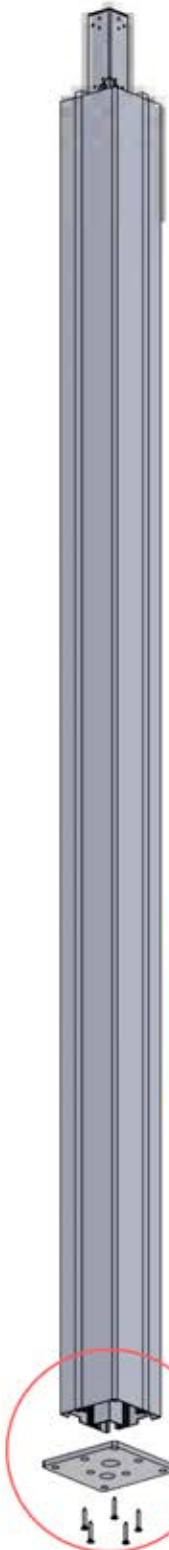


PN-200002614
2x



PN-200000560
10x

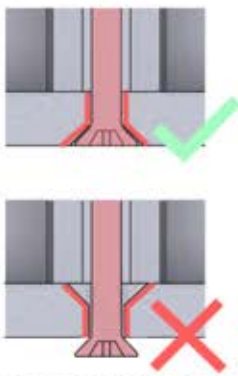
PN-20000
3326 Zip Bag



PN-200002606

PN-200002614

PN-200000560



PN-200000560

2

02



4

ANTHRACITE: B245
WHITE: B253
BLACK: B249



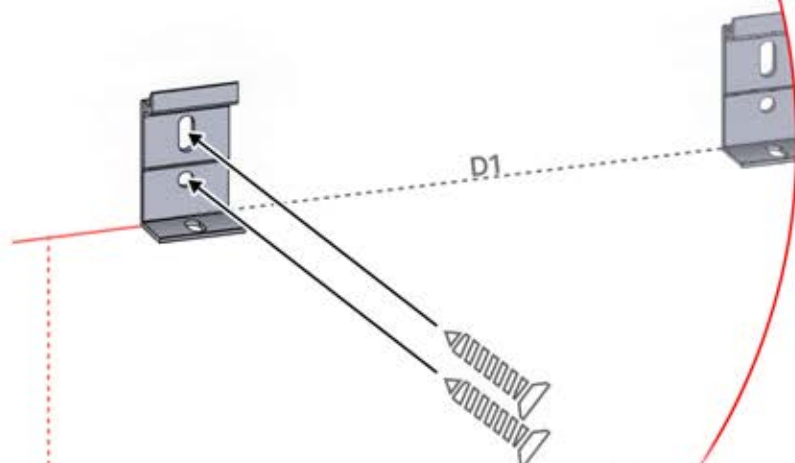
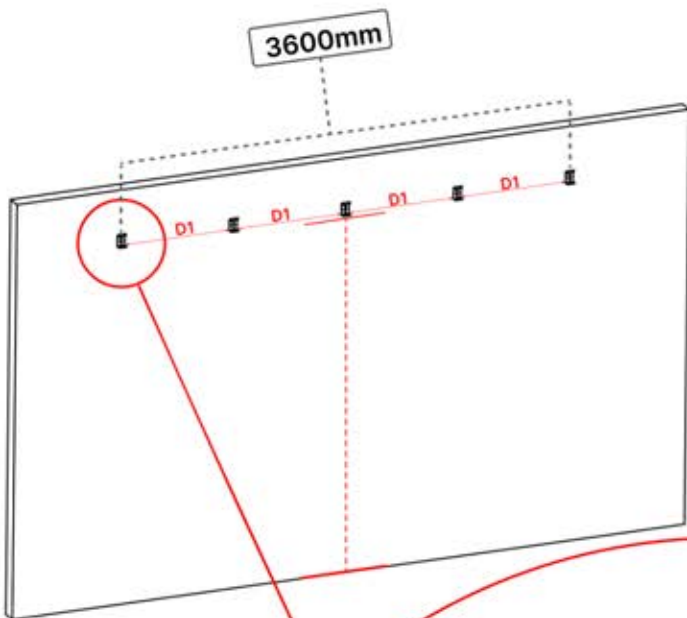
PN-200000510



PN-20000
3305



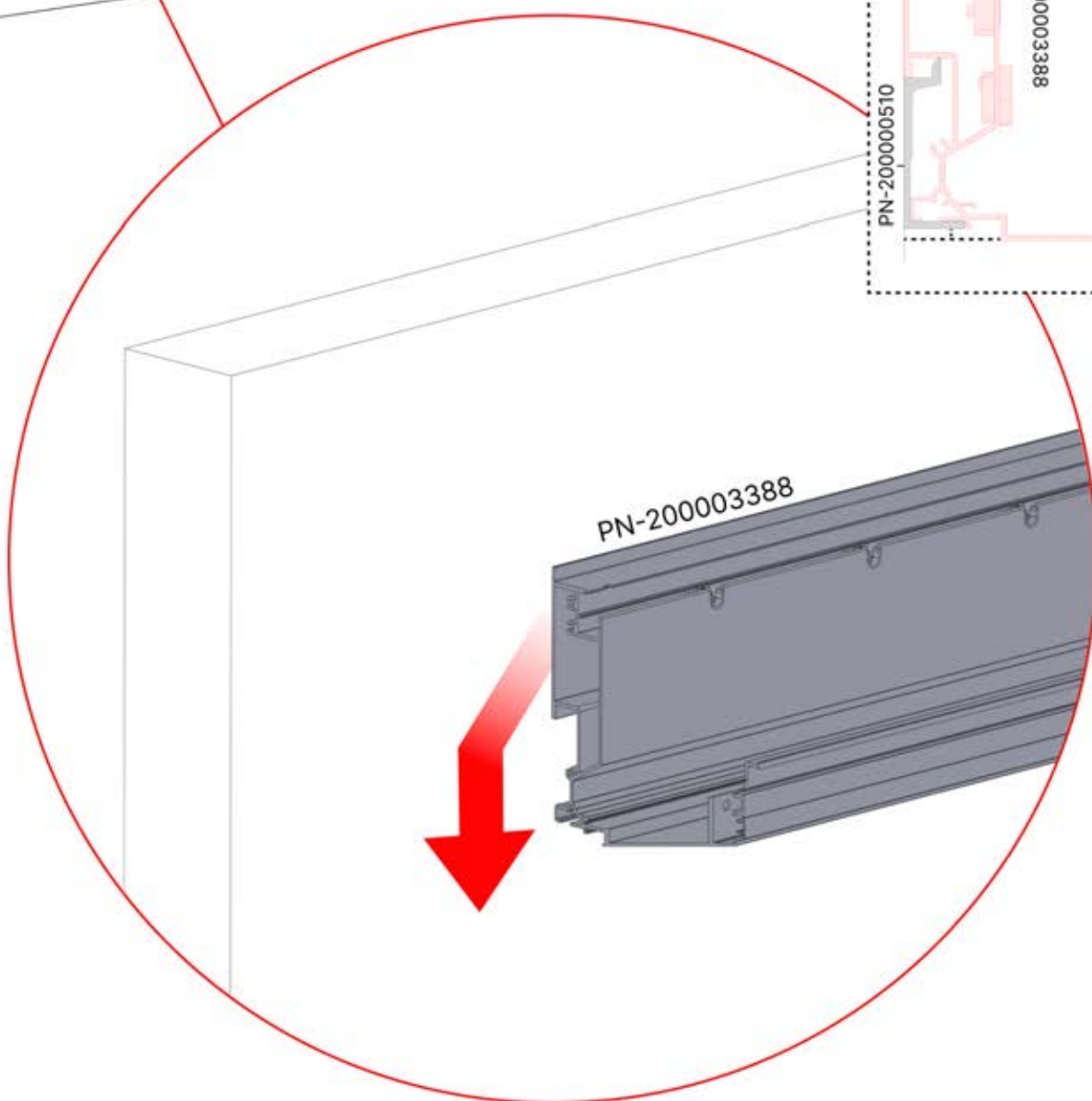
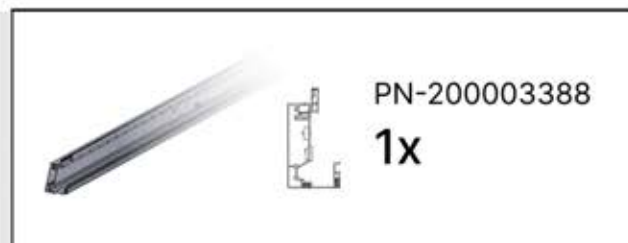
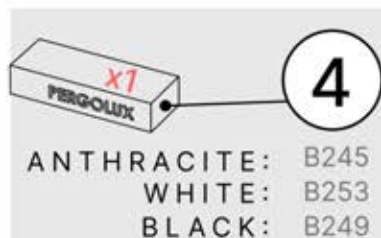
Install the first and last wall mount brackets (PN-200000510) 3600 mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.



2356 mm
92 3/4"



03



04

 **4**

ANTHRACITE: B245
WHITE: B253
BLACK: B249

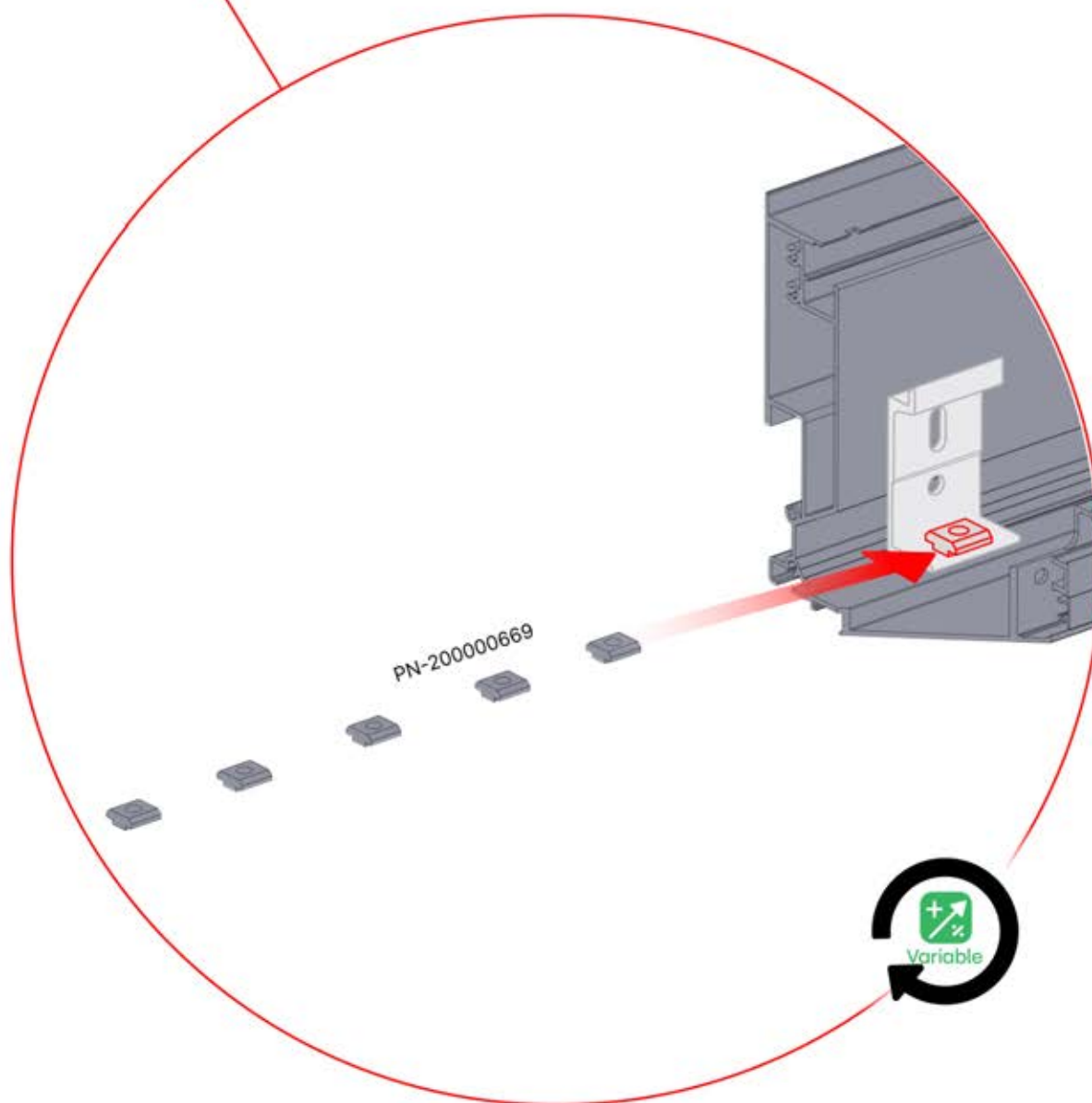
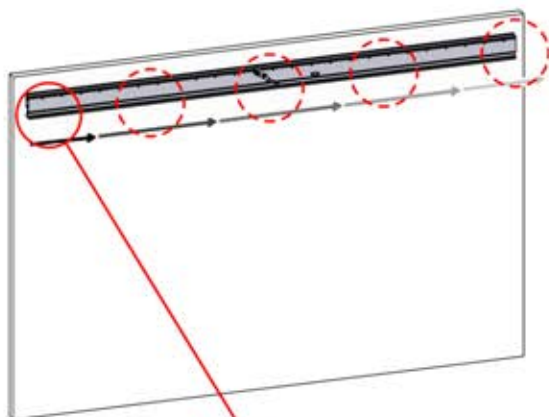


PN-200000669

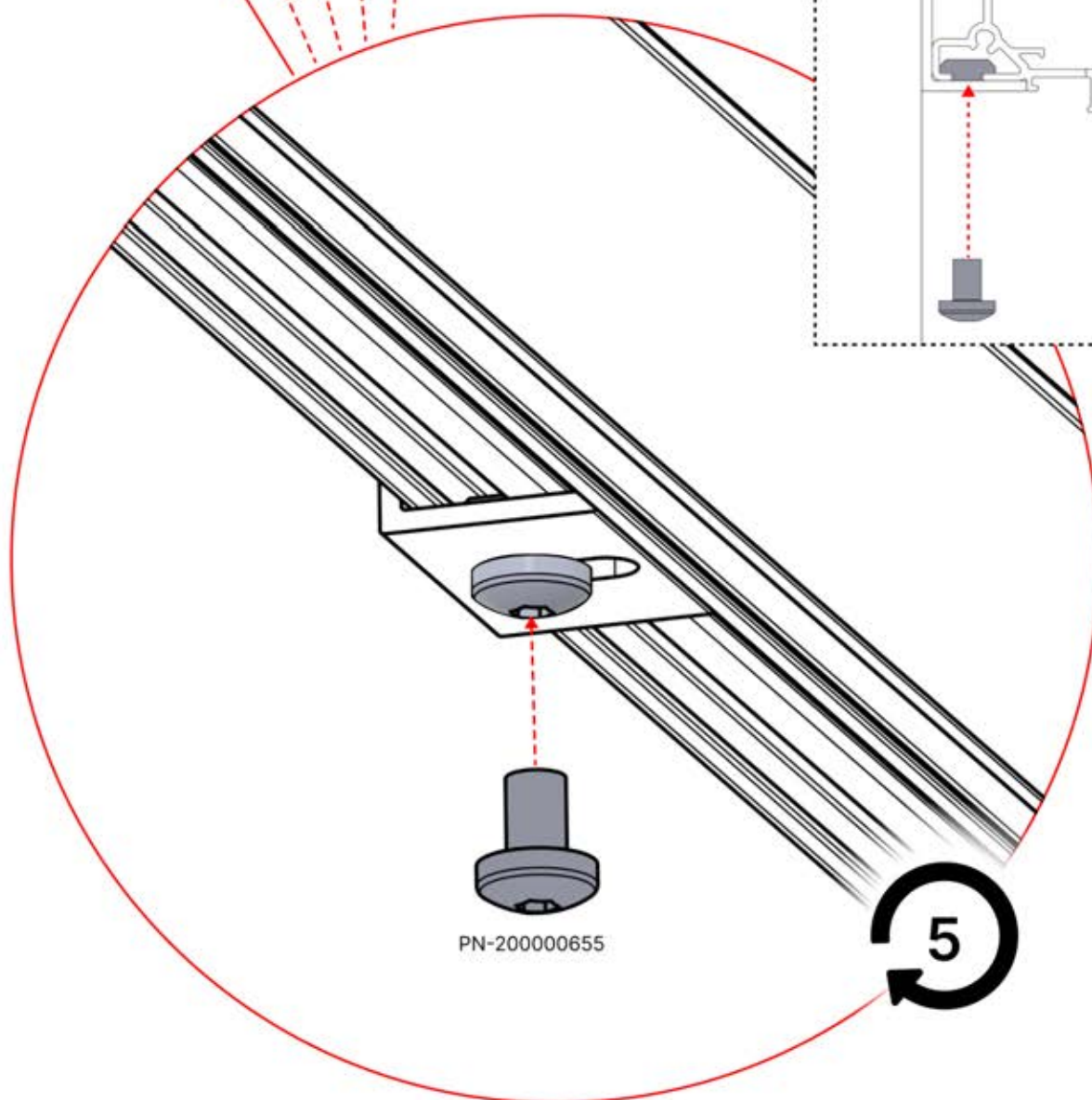
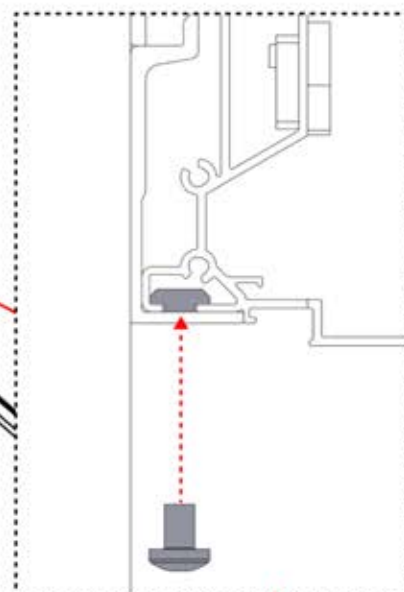
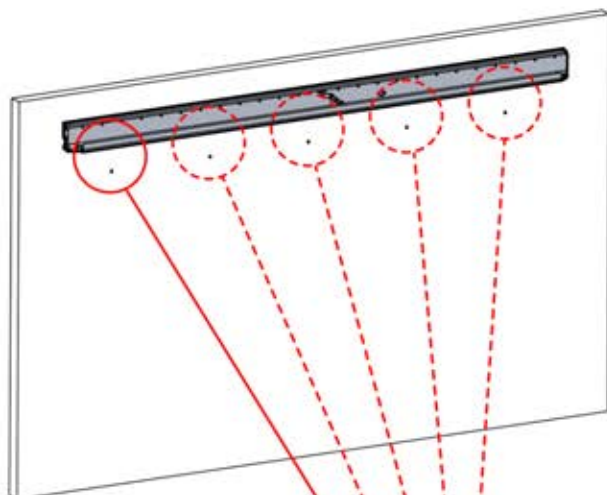
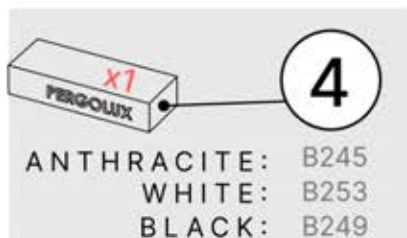
 Variable

PN-20000
3305

 Zip Bag



05



06

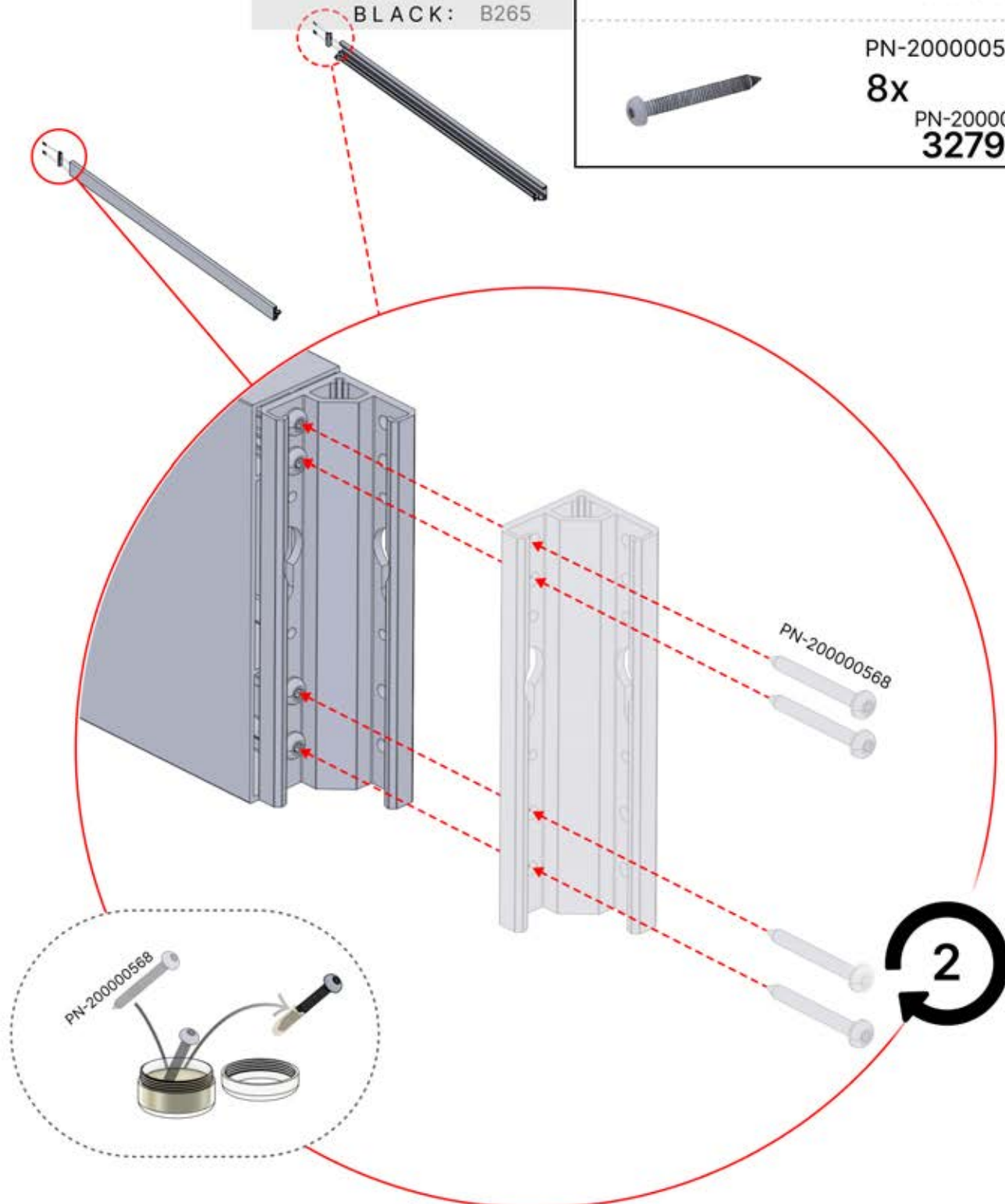

x1
4

ANTHRACITE: B245
 WHITE: B253
 BLACK: B249


x1
5

ANTHRACITE: B263
 WHITE: B267
 BLACK: B265

	PN-200003358	1x
	PN-200003359	1x
	PN-200003308	2x
	PN-200003309	
	PN-200000568	8x
	PN-200003279	



07



5

ANTHRACITE: B263
 WHITE: B267
 BLACK: B265



4

ANTHRACITE: B245
 WHITE: B253
 BLACK: B249



PN-200003358

1x



PN-200003359

1x

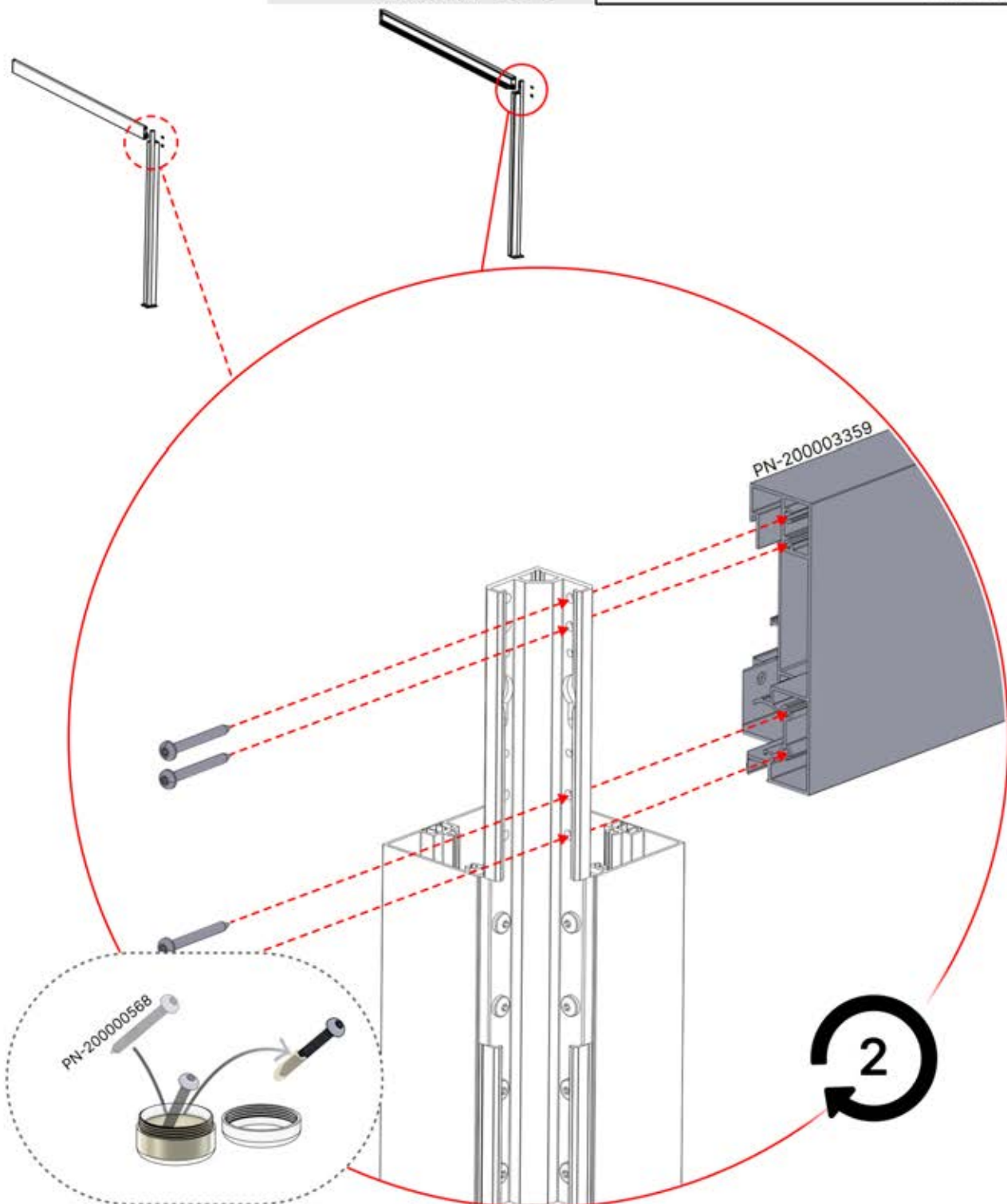


PN-200000568

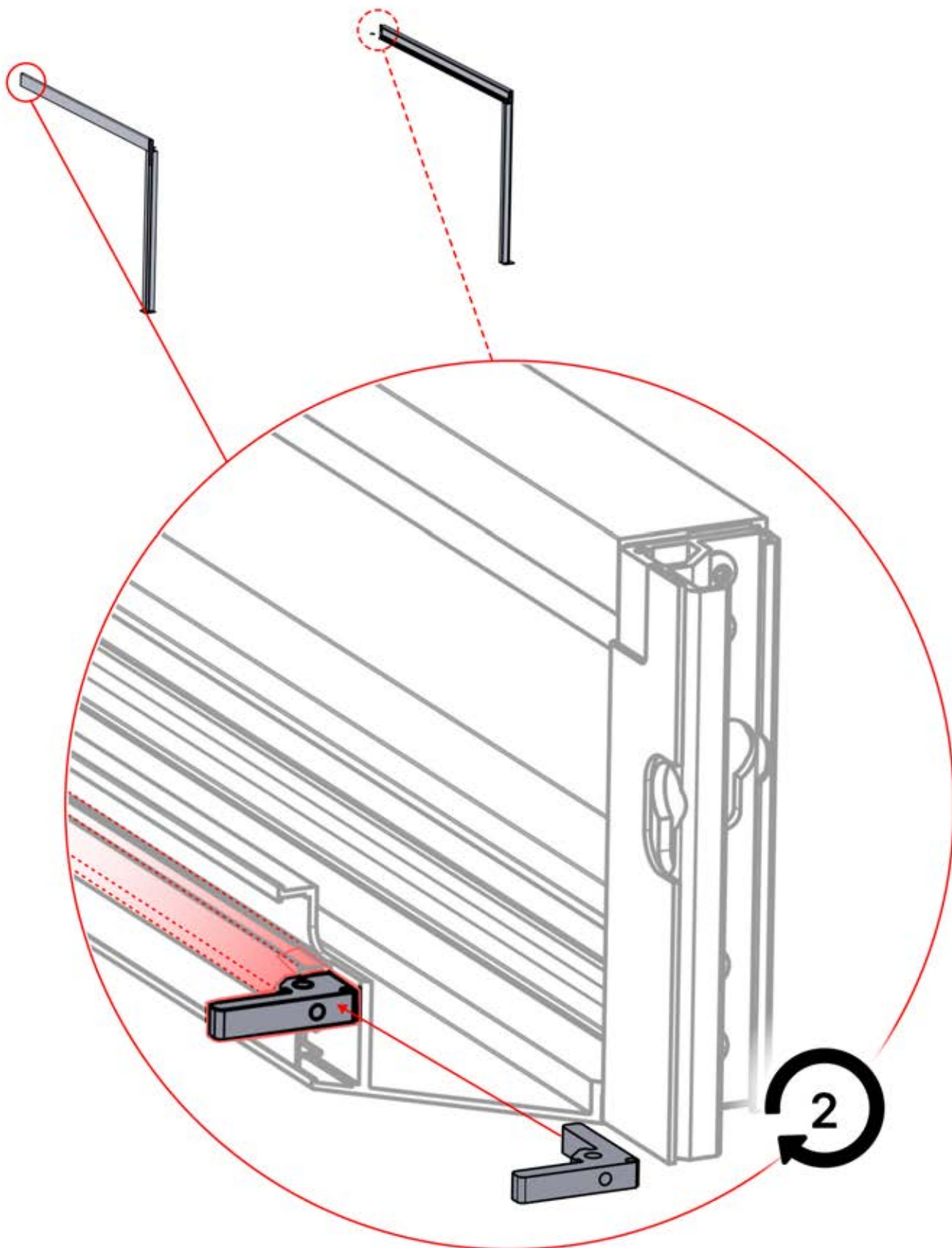
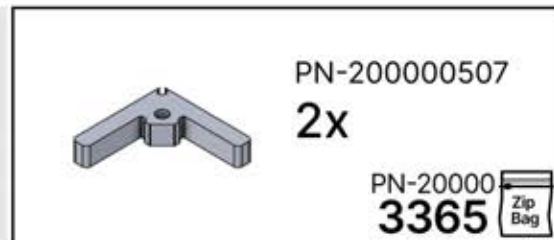
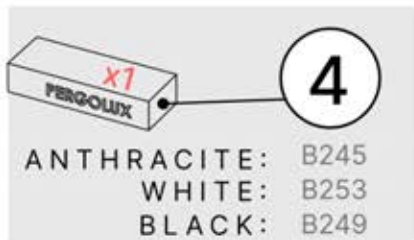
8x

PN-200003279

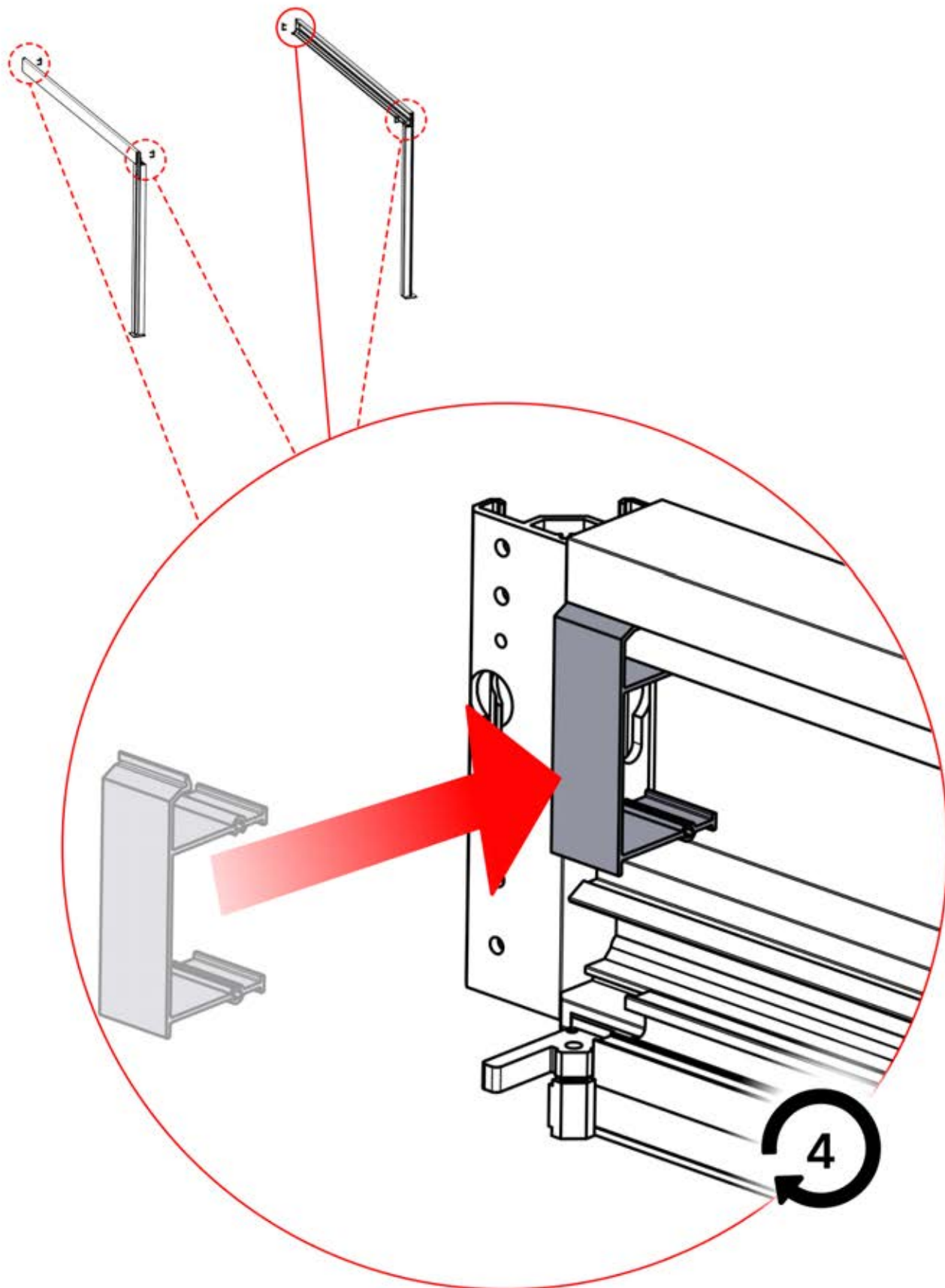
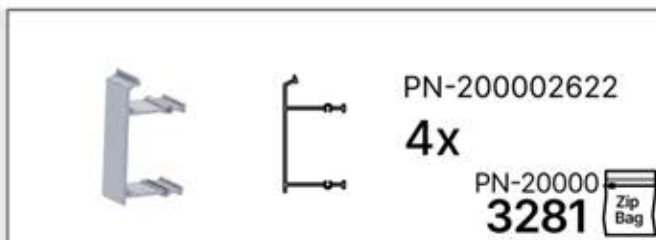
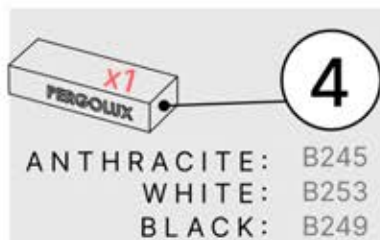
Zip Bag



08



09



10

 **x1**

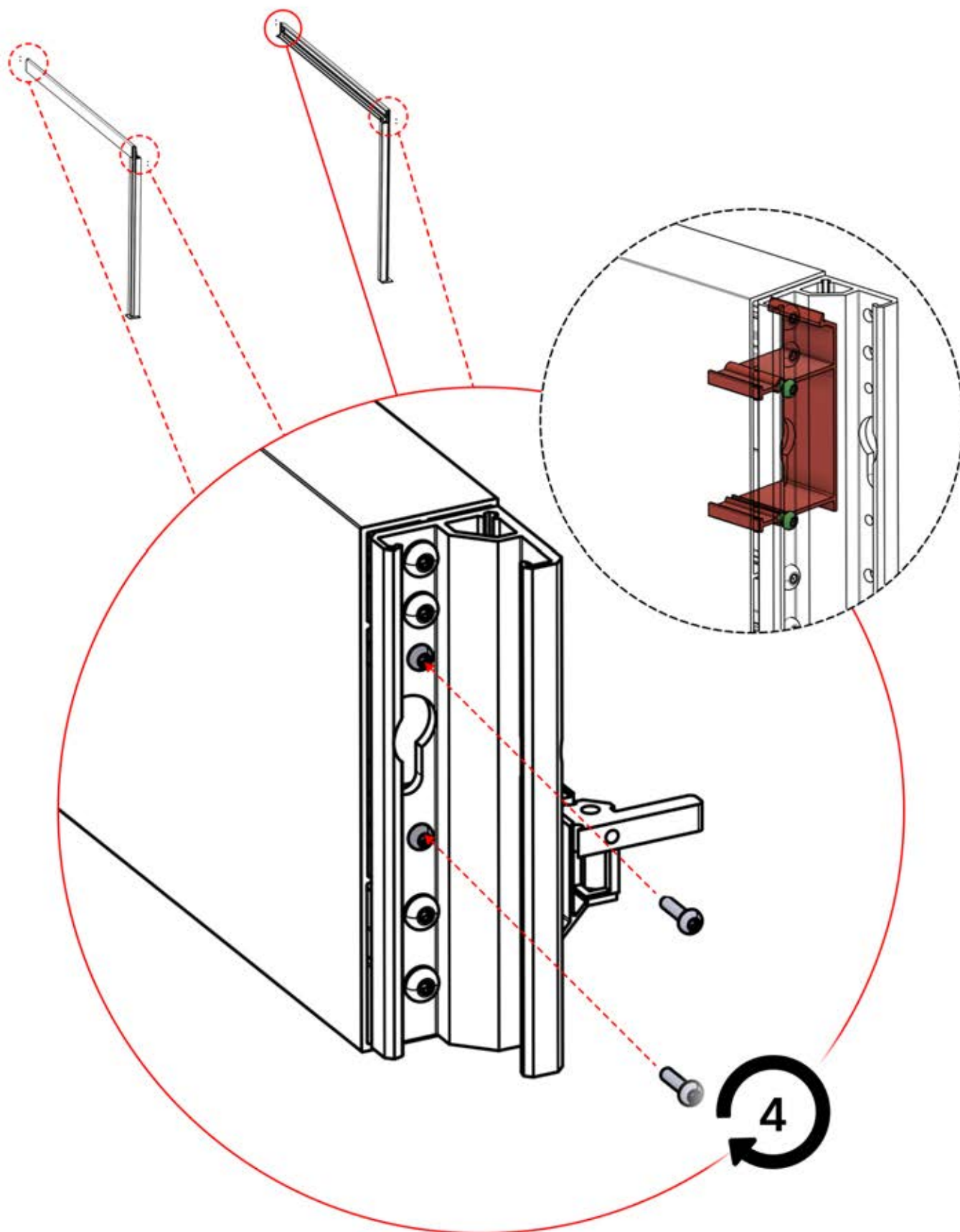
4

ANTHRACITE: B245
WHITE: B253
BLACK: B249

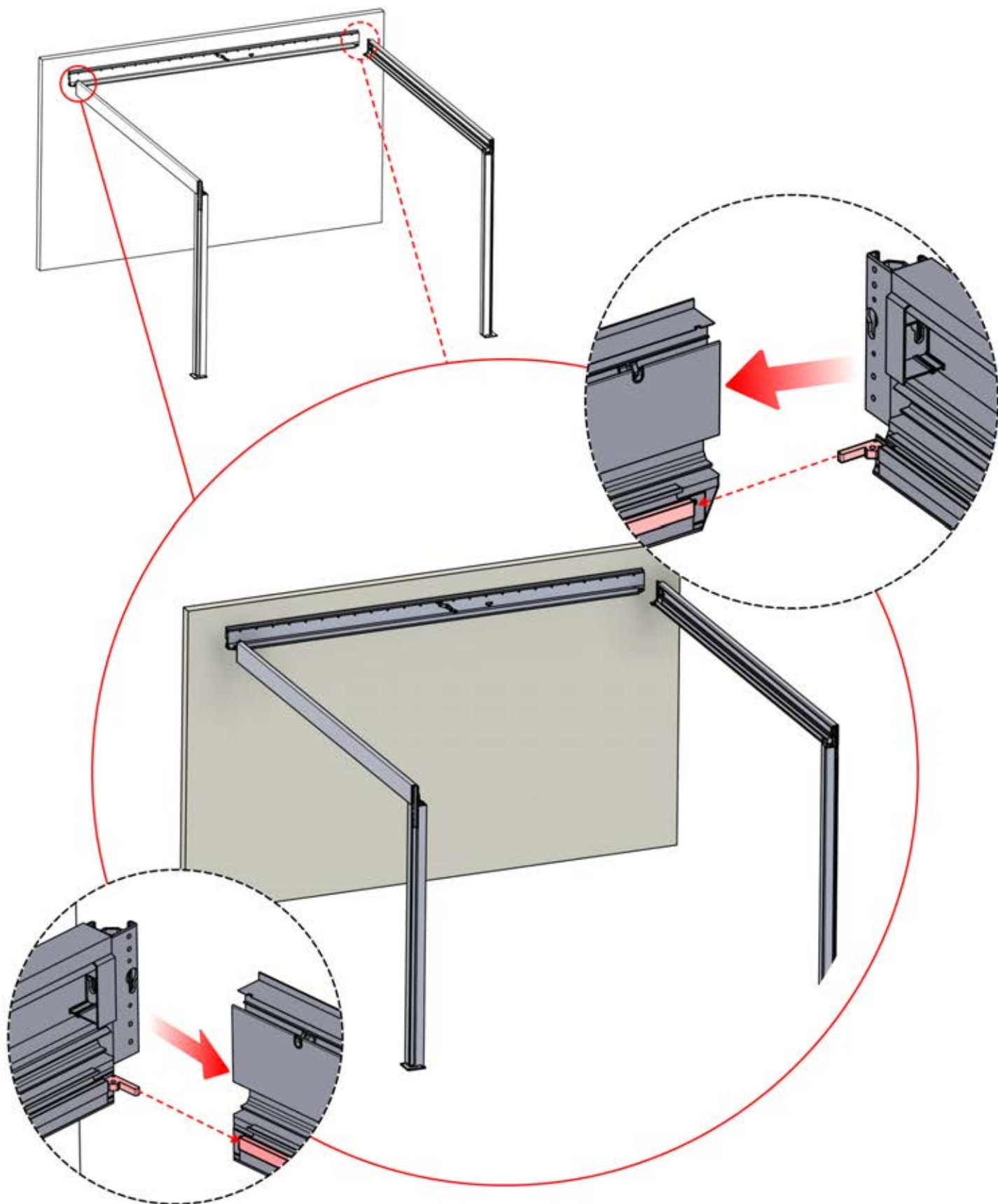
 4.2X20

PN-200000680
8x

PN-20000
3281 



11



12

x1
PERGOLUX

4

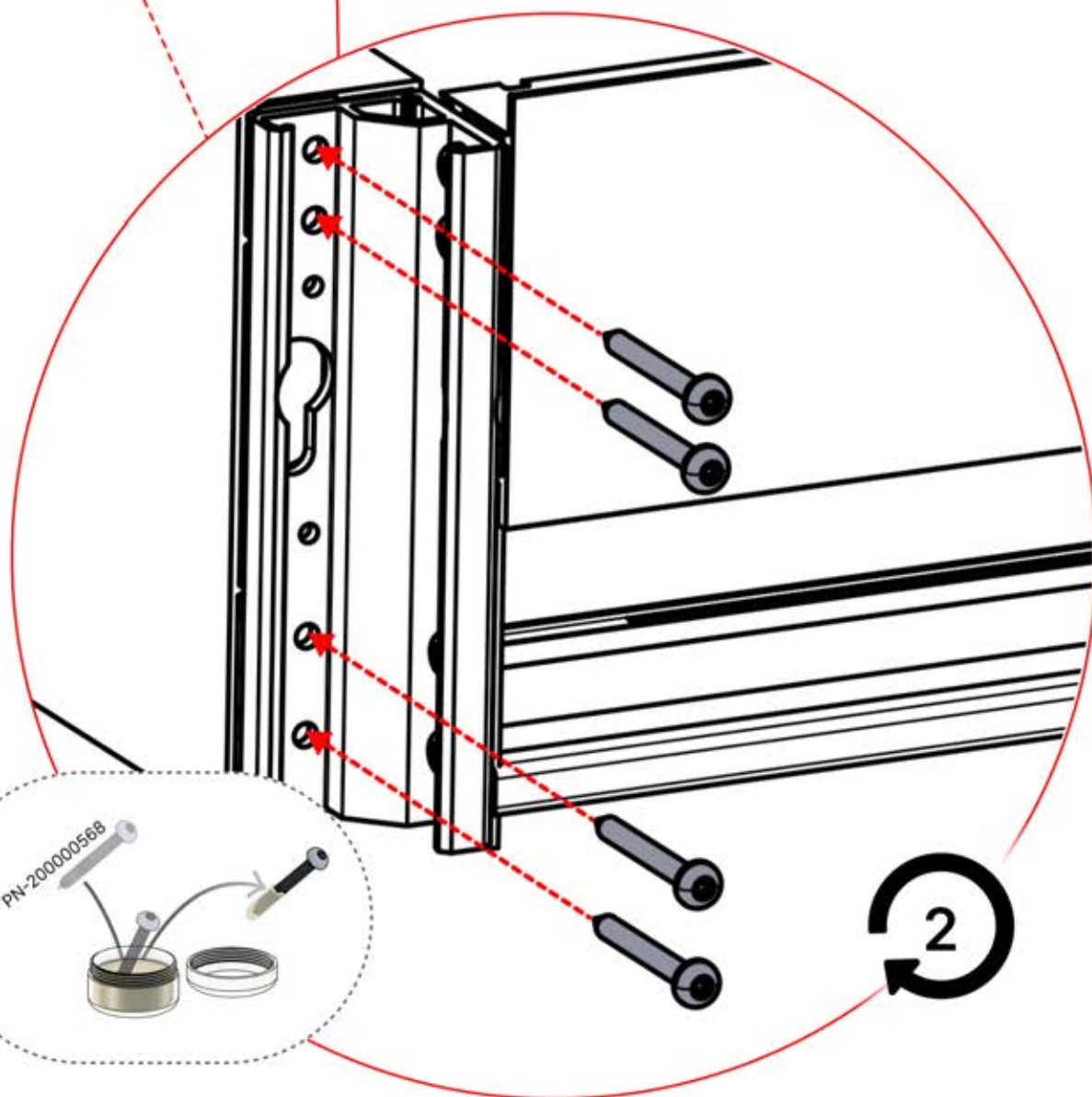
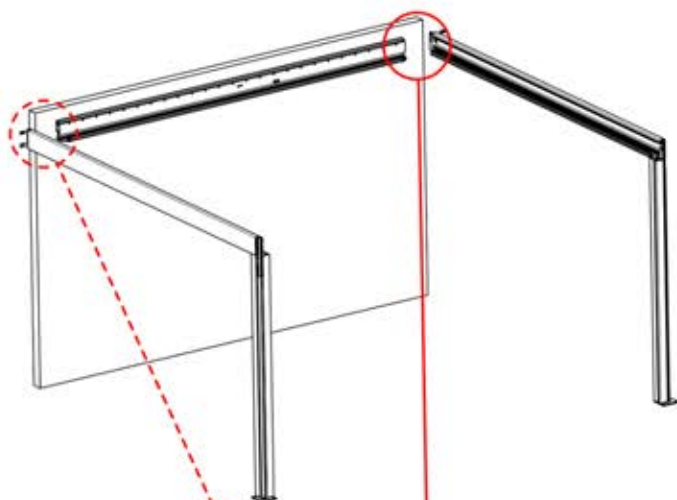
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WHITE: B253
BLACK: B249

PN-200000568

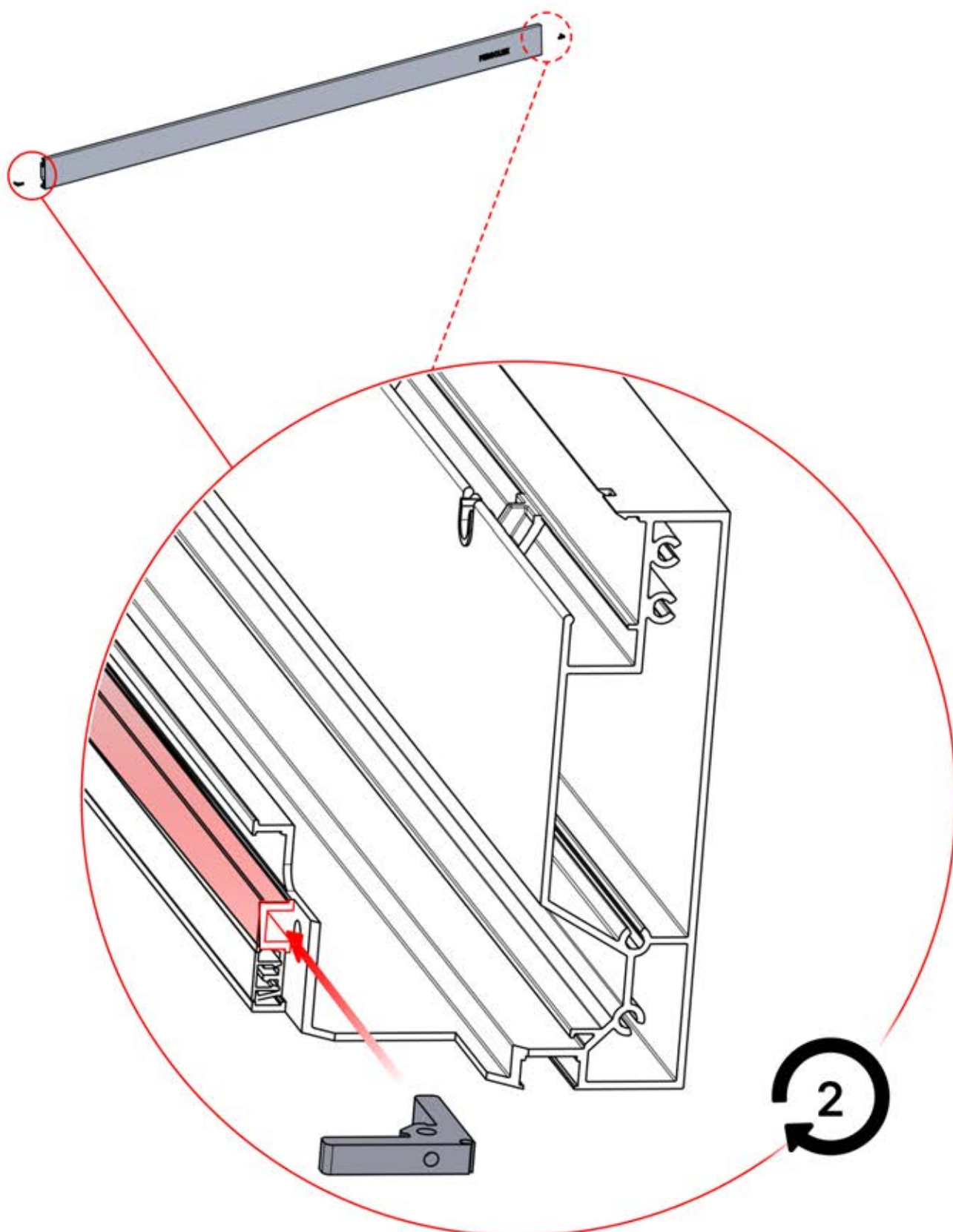
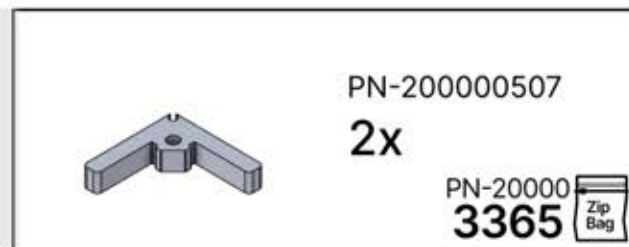
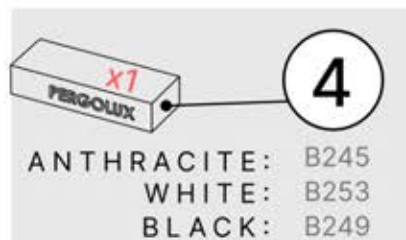
8x

PN-20000
3365

Zip Bag



13



14



4

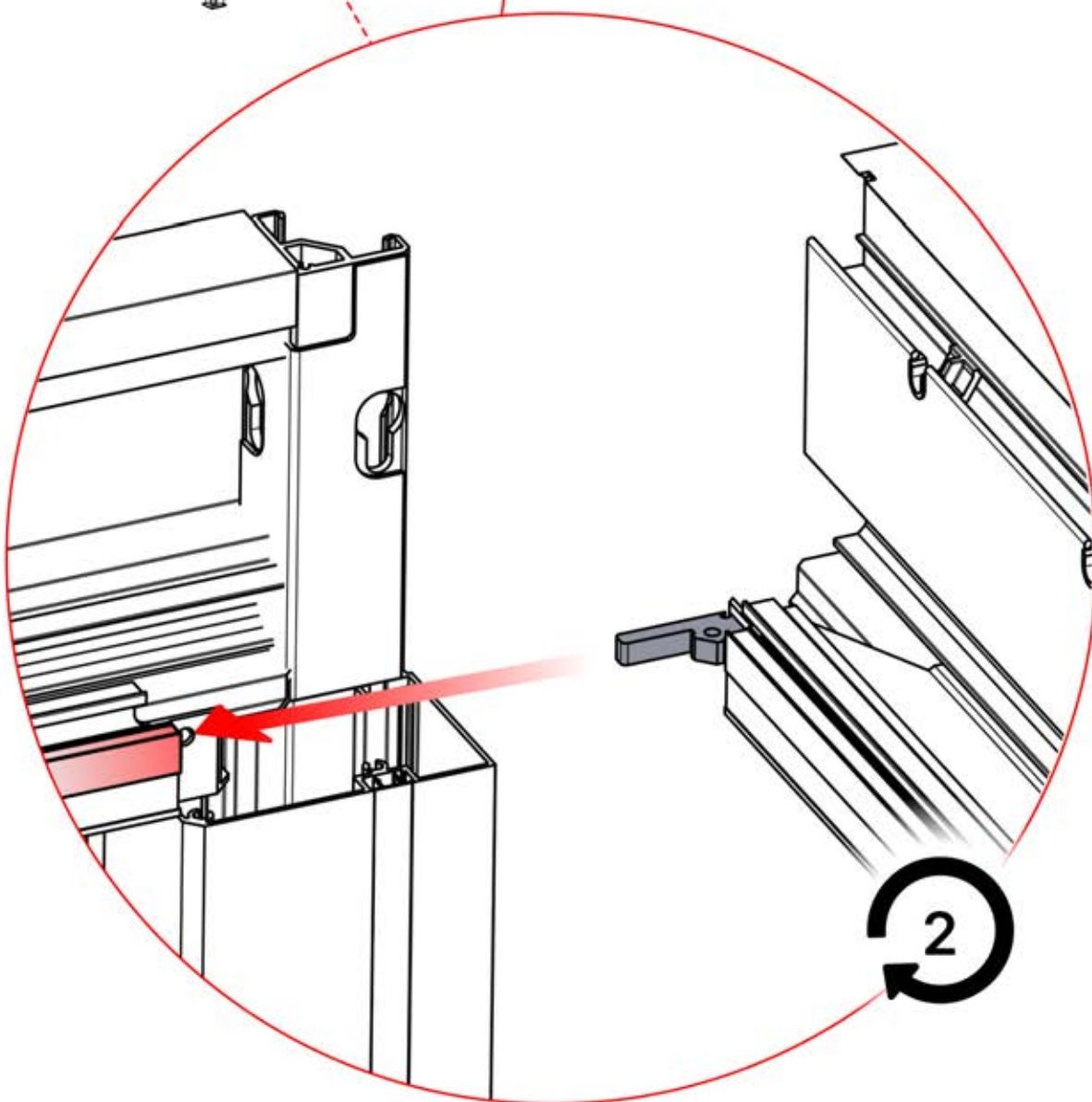
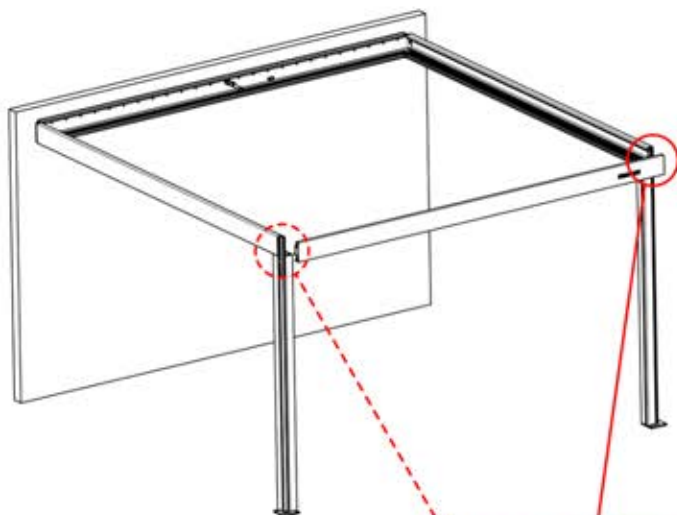
ANTHRACITE: B245
WHITE: B253
BLACK: B249



PN-200000507

2x

PN-20000
3365



15

x7
PERGOLUX

4

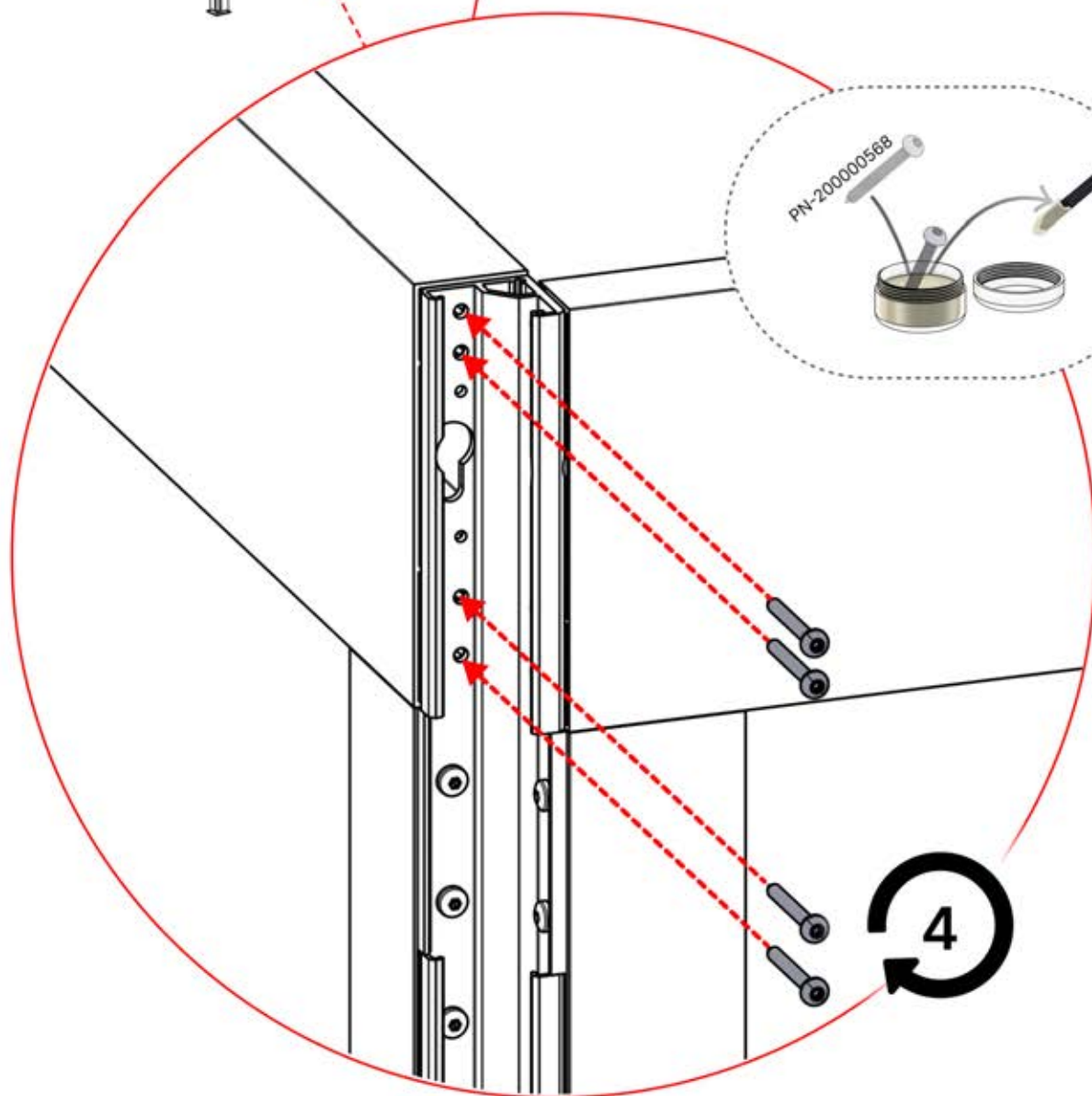
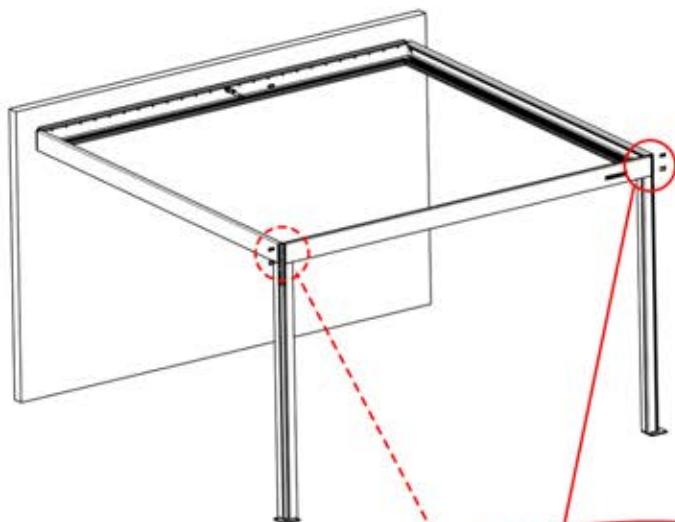
ANTHRACITE: B245
WHITE: B253
BLACK: B249

PN-200000568

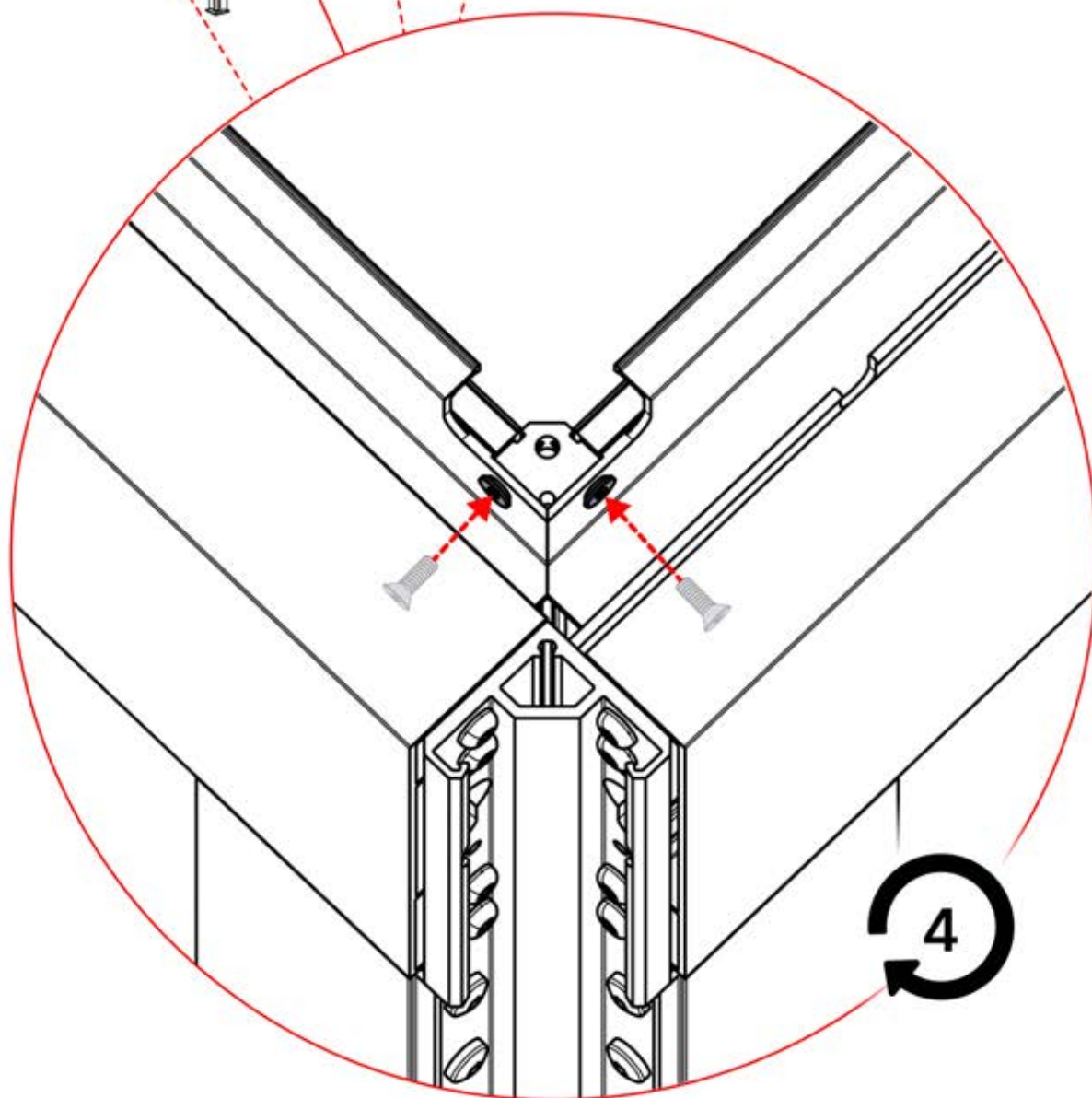
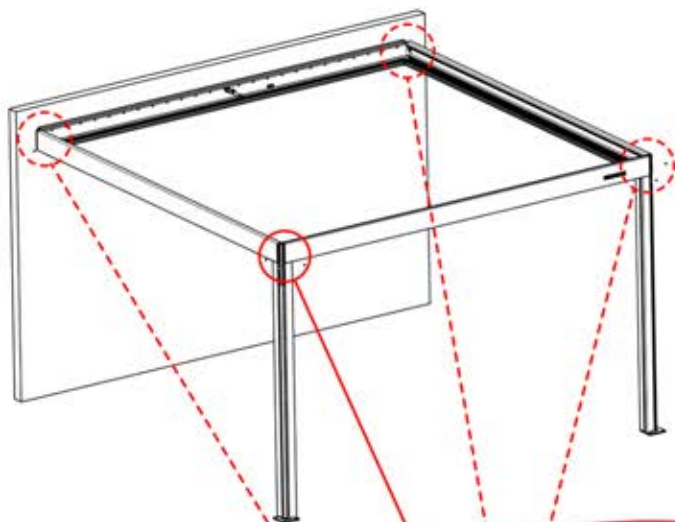
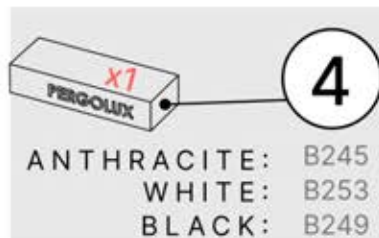
8x

PN-20000
3279

Zip Bag



16



17



4

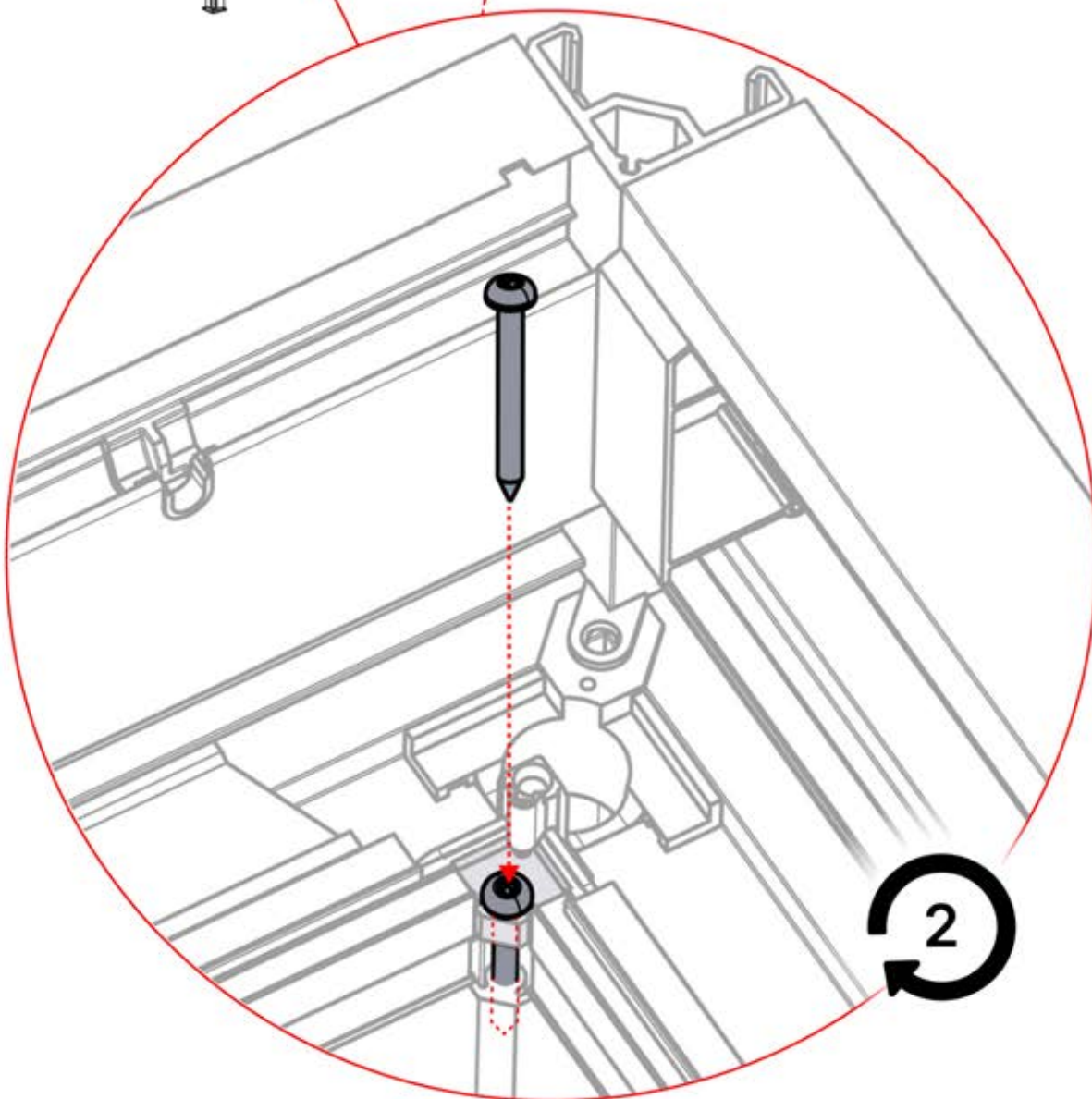
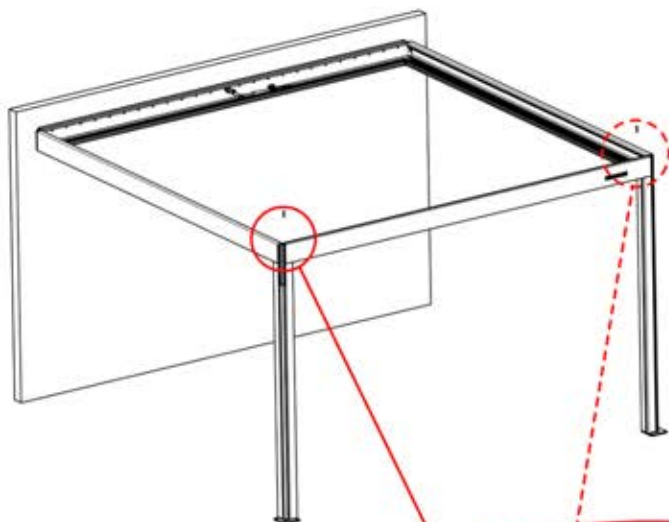
ANTHRACITE: B245
WHITE: B253
BLACK: B249



PN-200000568

2x

PN-20000
3365

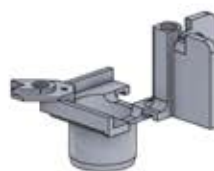


18



4

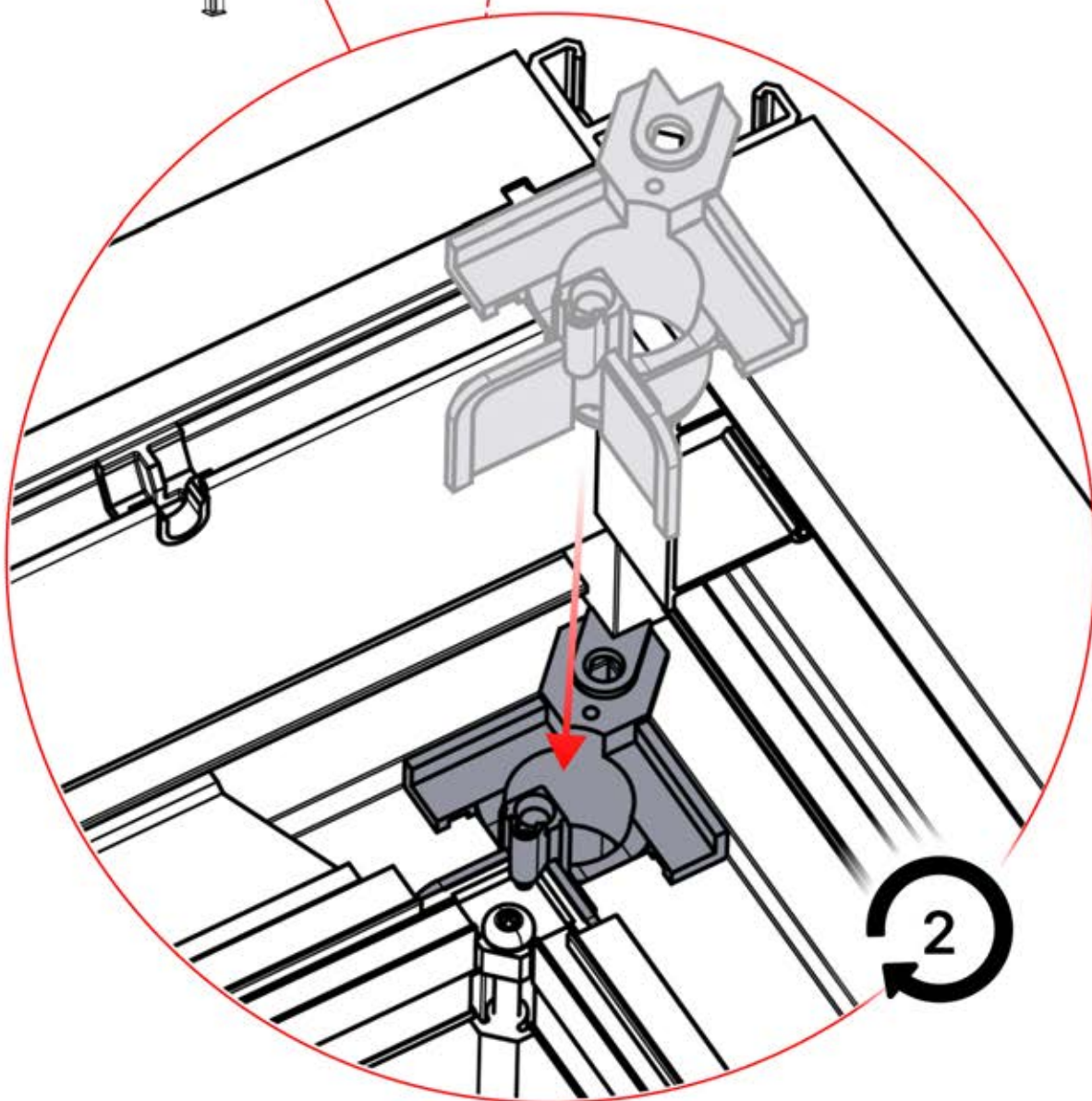
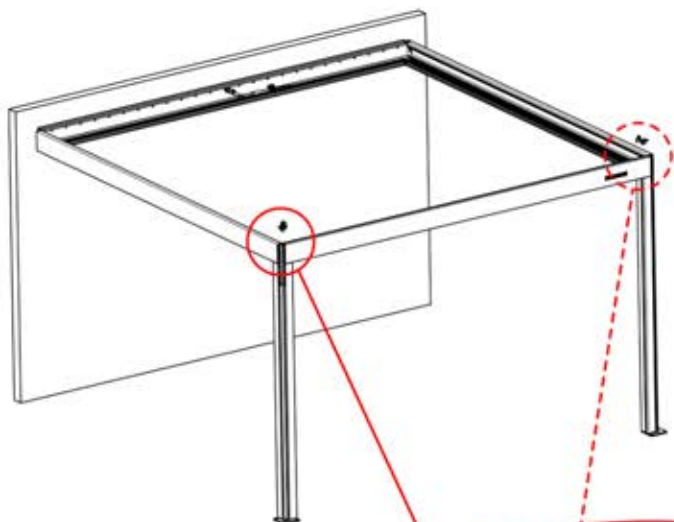
ANTHRACITE: B245
WHITE: B253
BLACK: B249



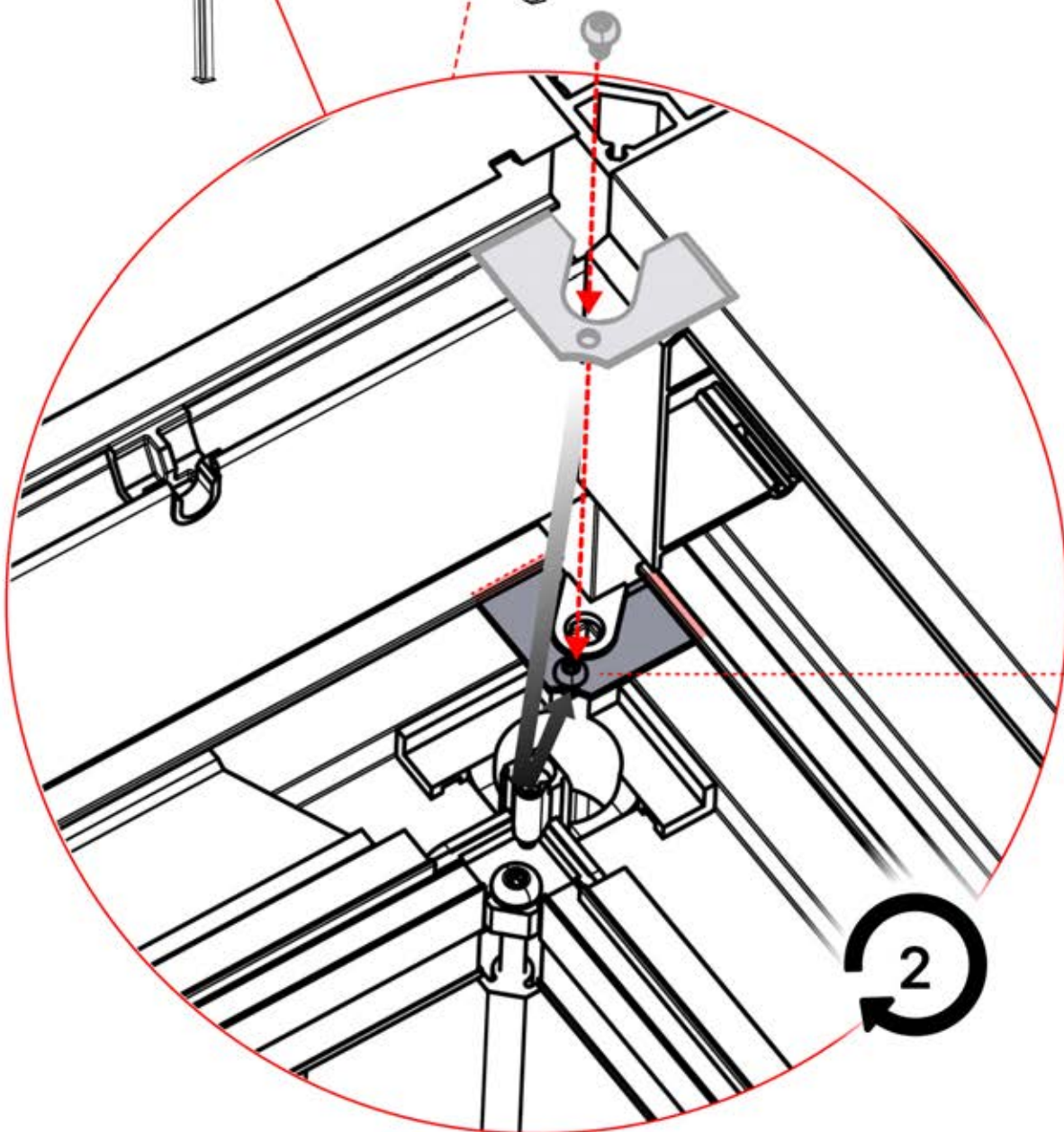
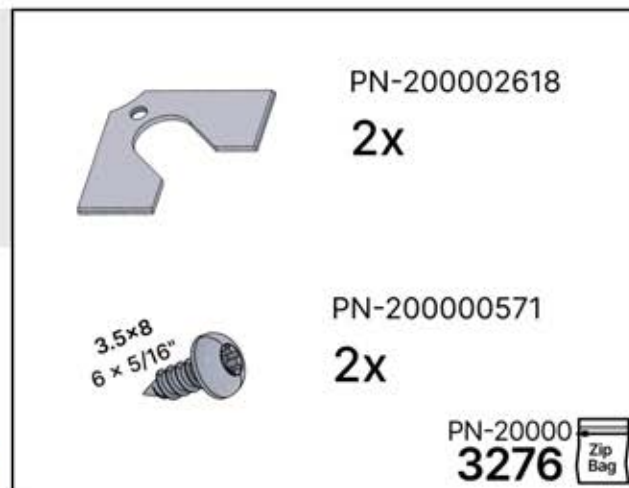
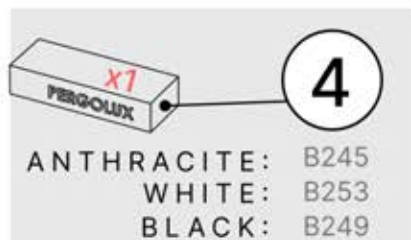
PN-200002617

2x

PN-20000
3364 Zip Bag



19

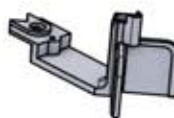


20



4

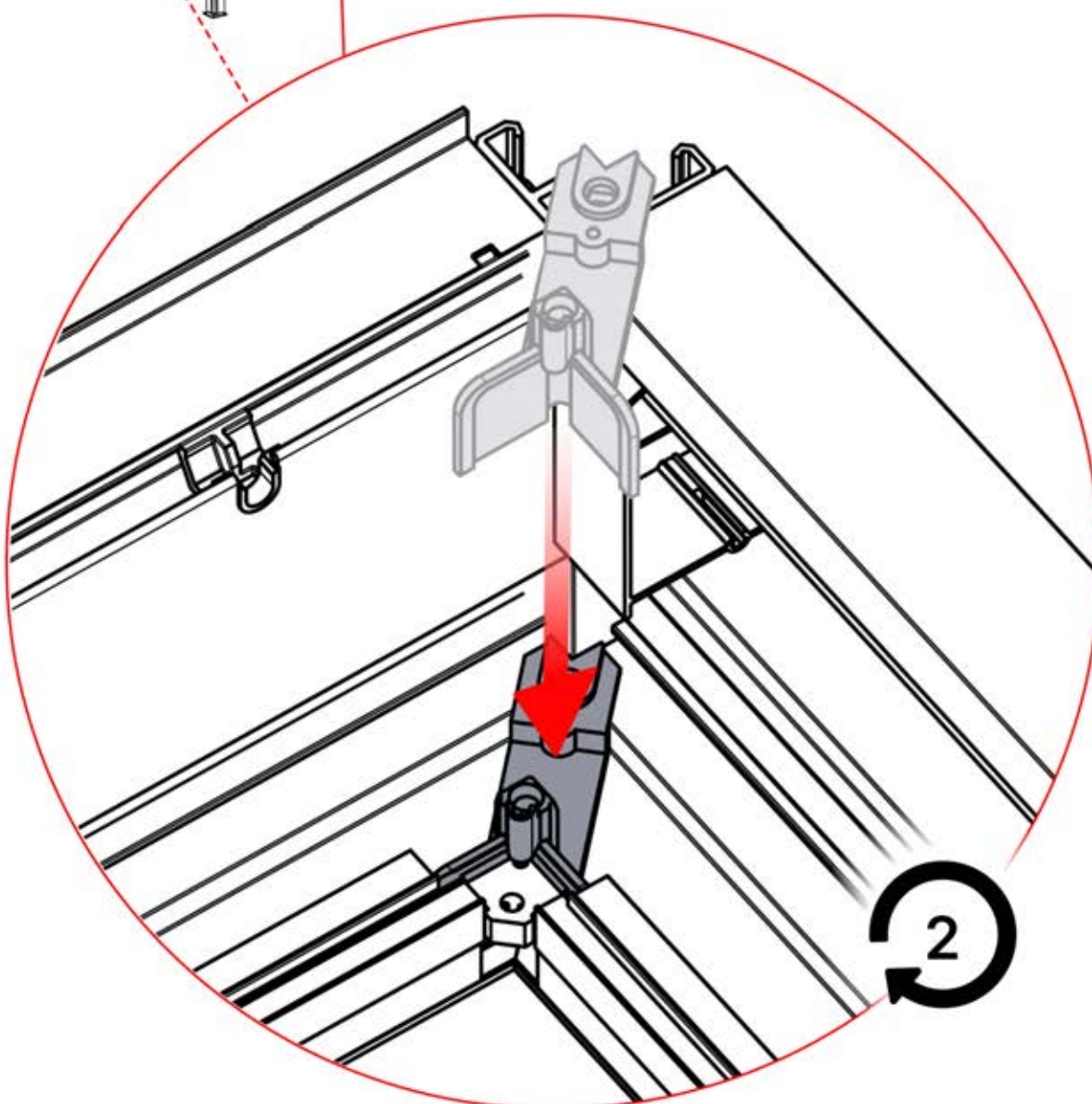
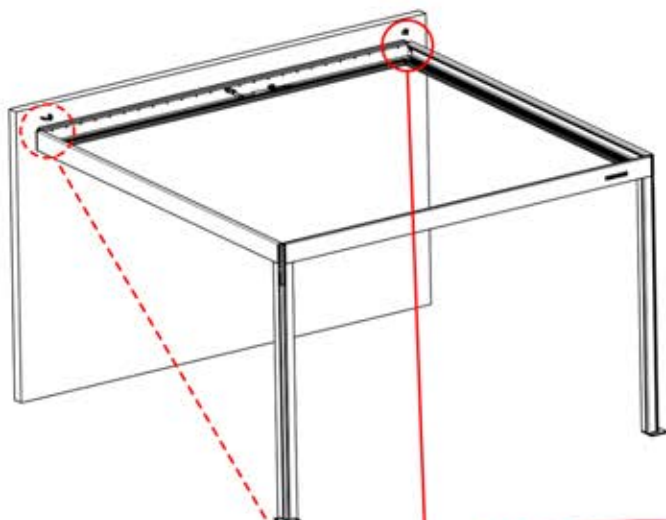
ANTHRACITE: B245
WHITE: B253
BLACK: B249



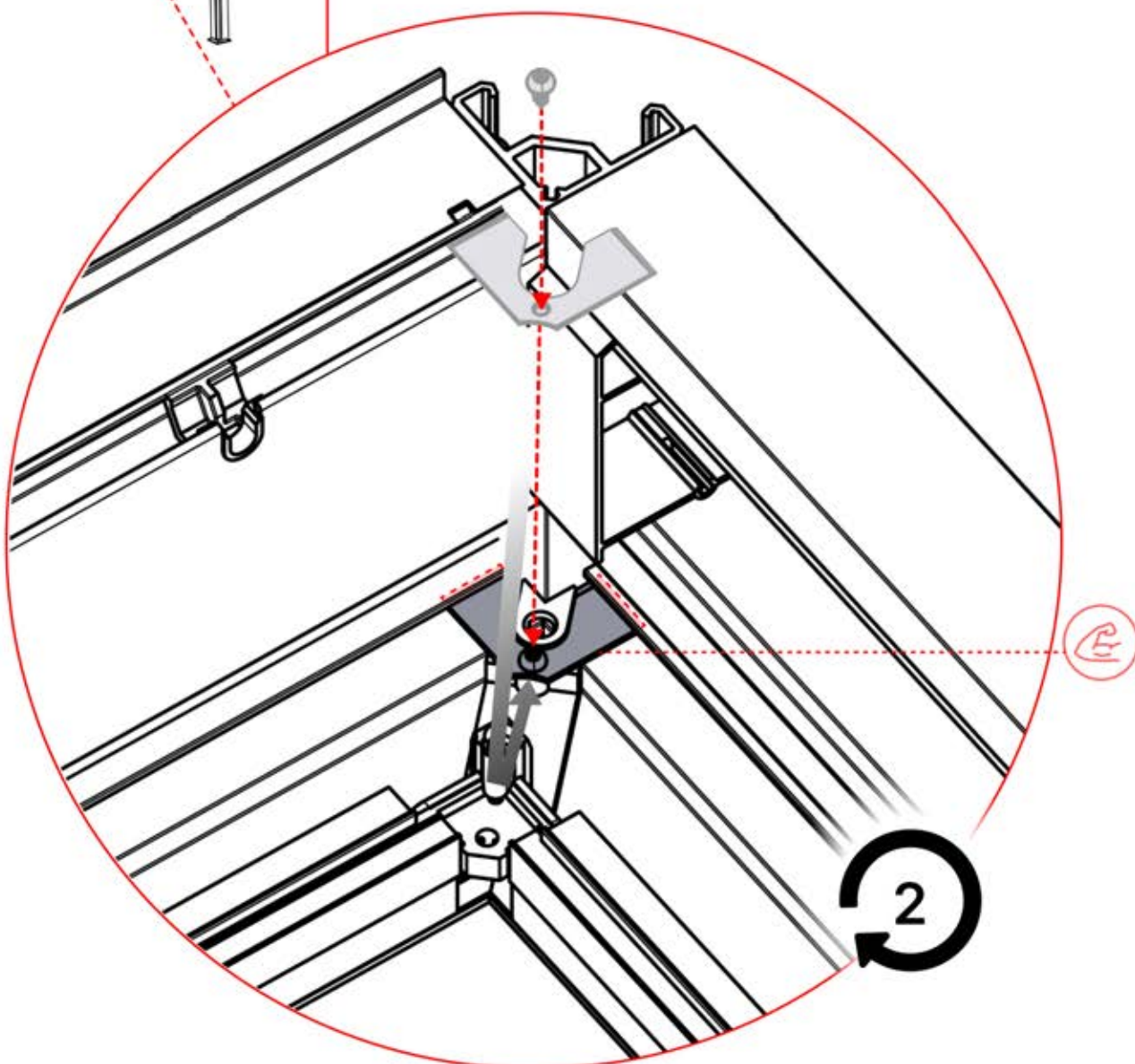
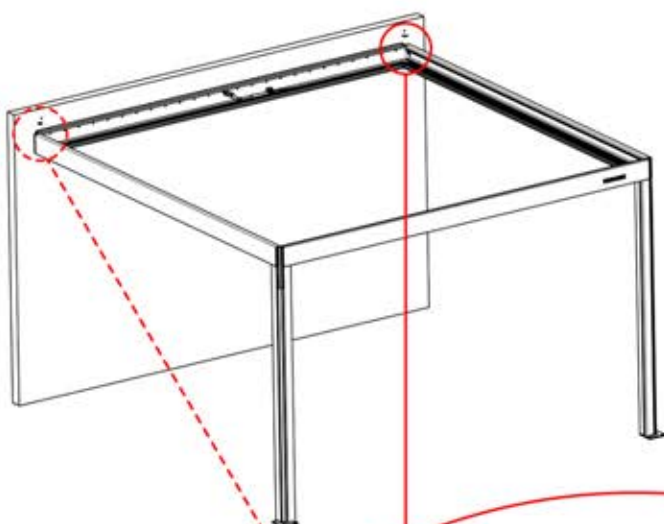
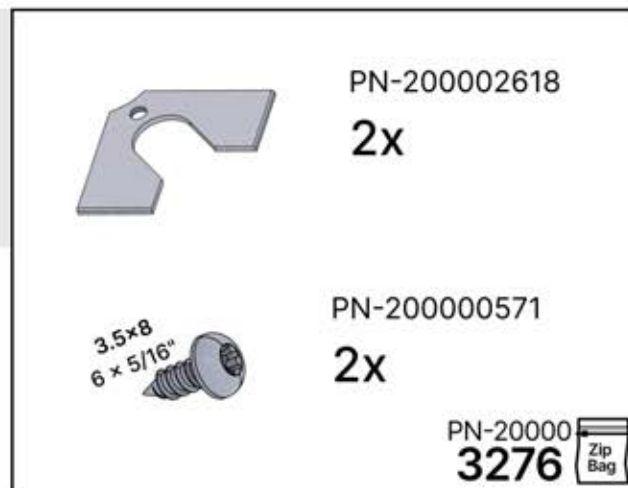
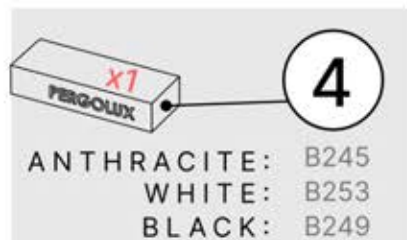
PN-200002792

2x

PN-20000
3364



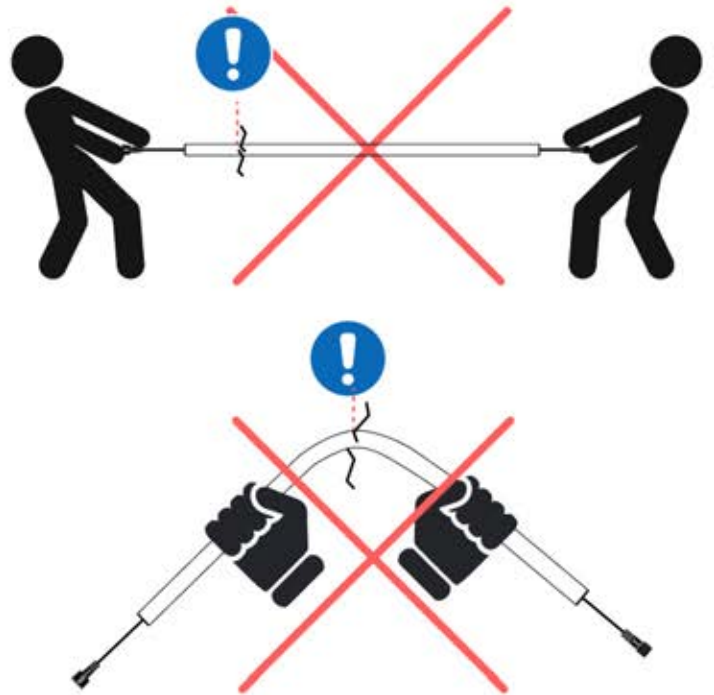
21



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.

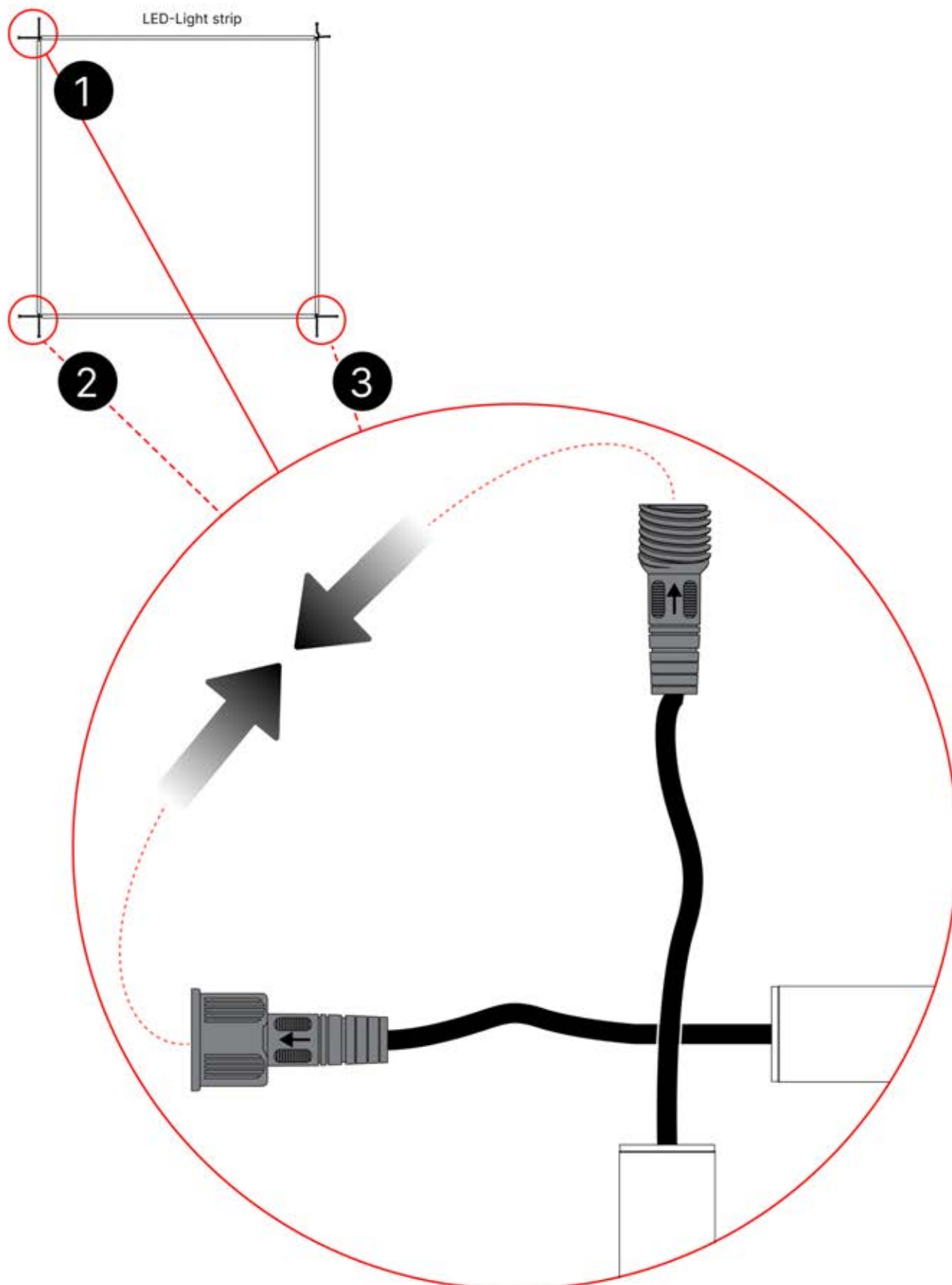


Important! Please watch all the videos before starting the assembly.

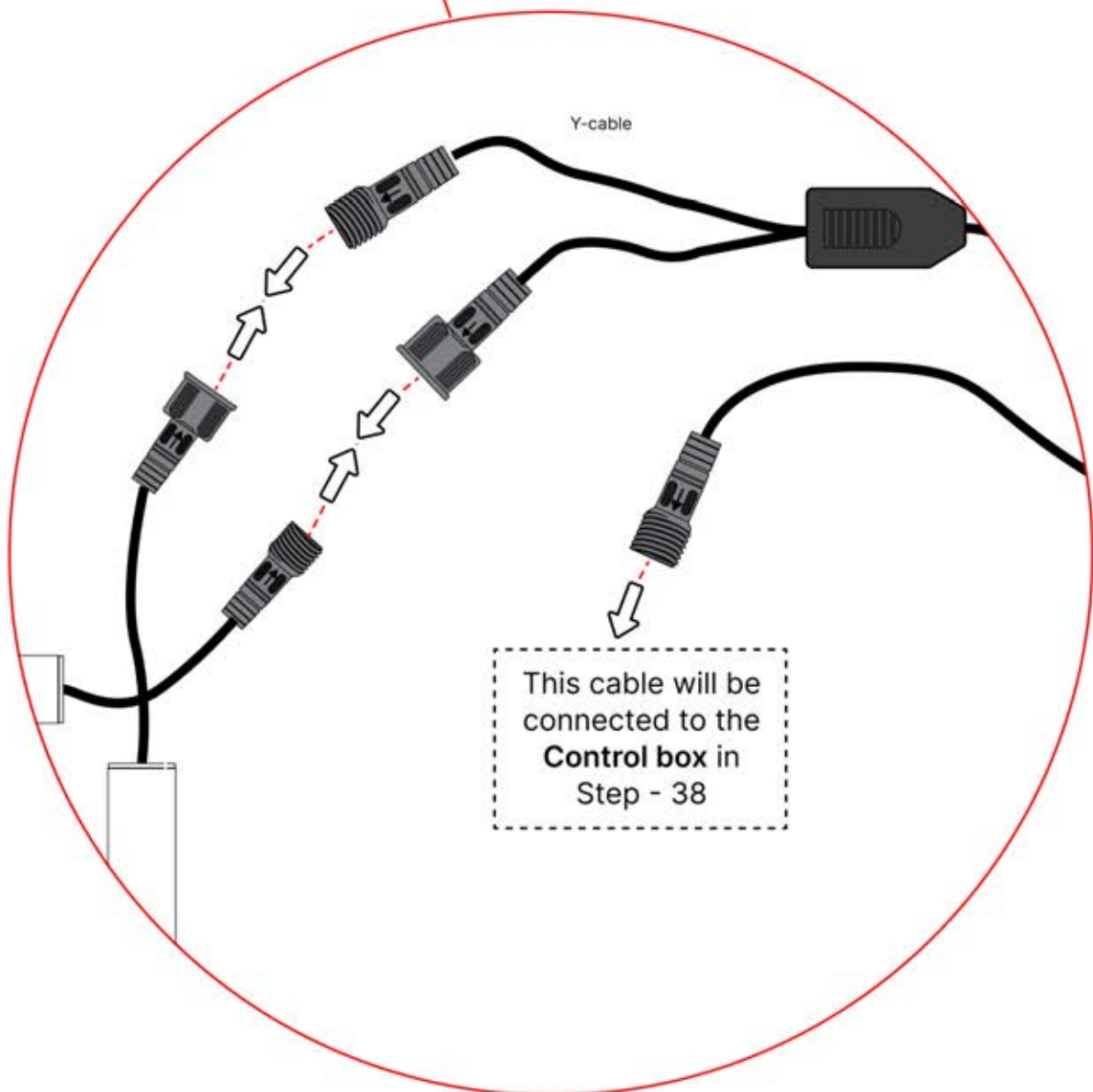
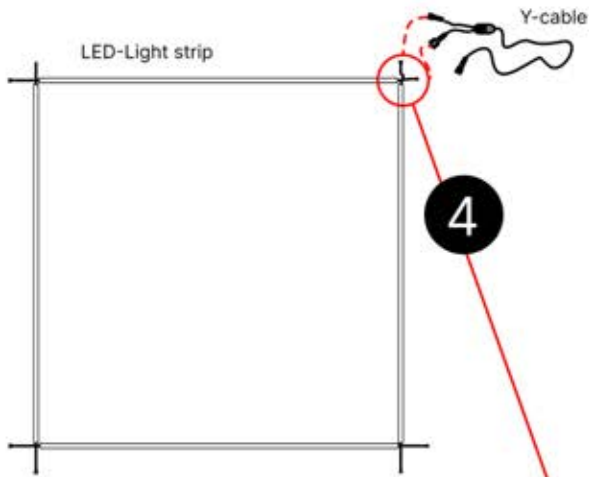
The videos contain important information relevant to the assembly process.



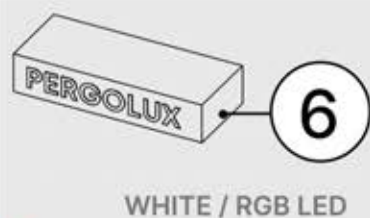
INFORMATION



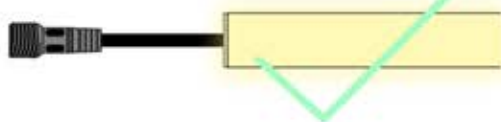
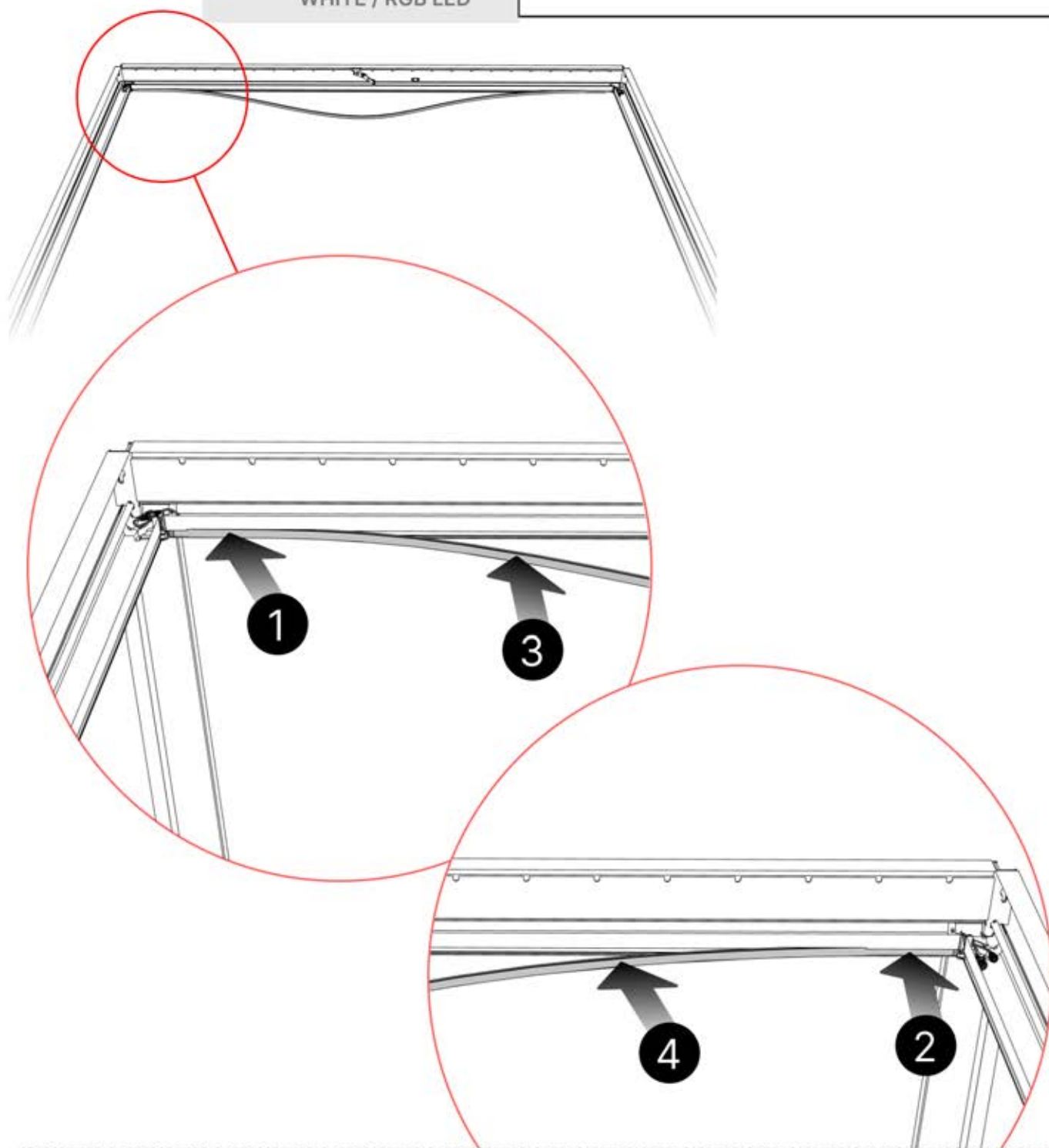
INFORMATION



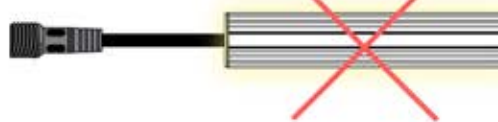
22



LED strip
1x



This side is the front and
should face outward

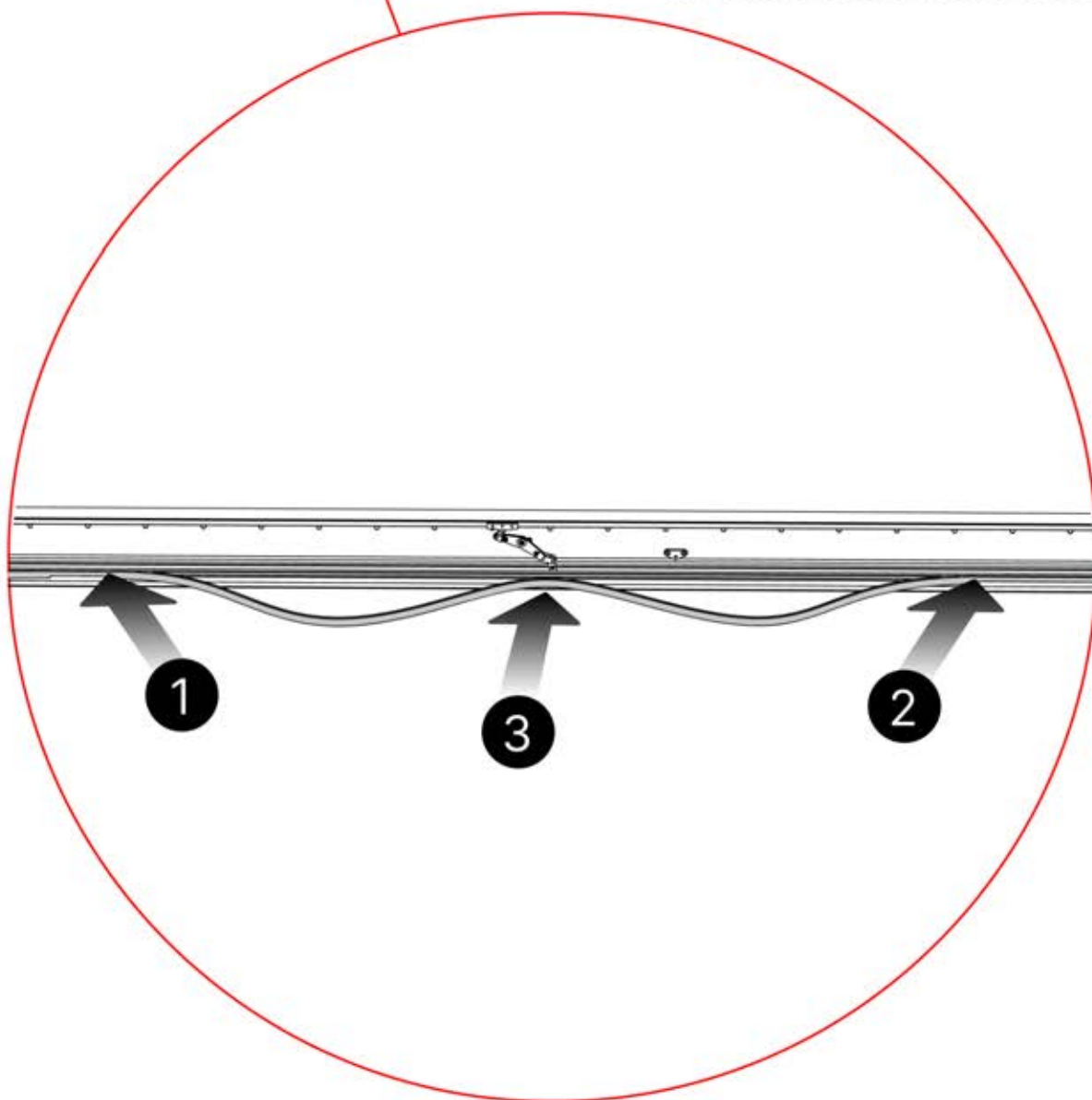
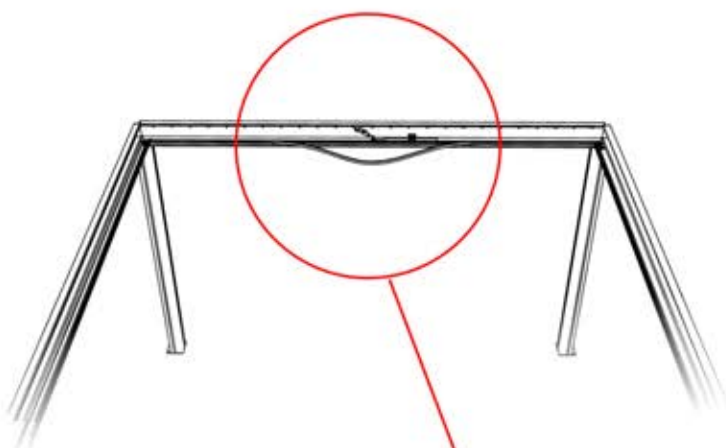


This side is the back and should
be positioned to face the beam

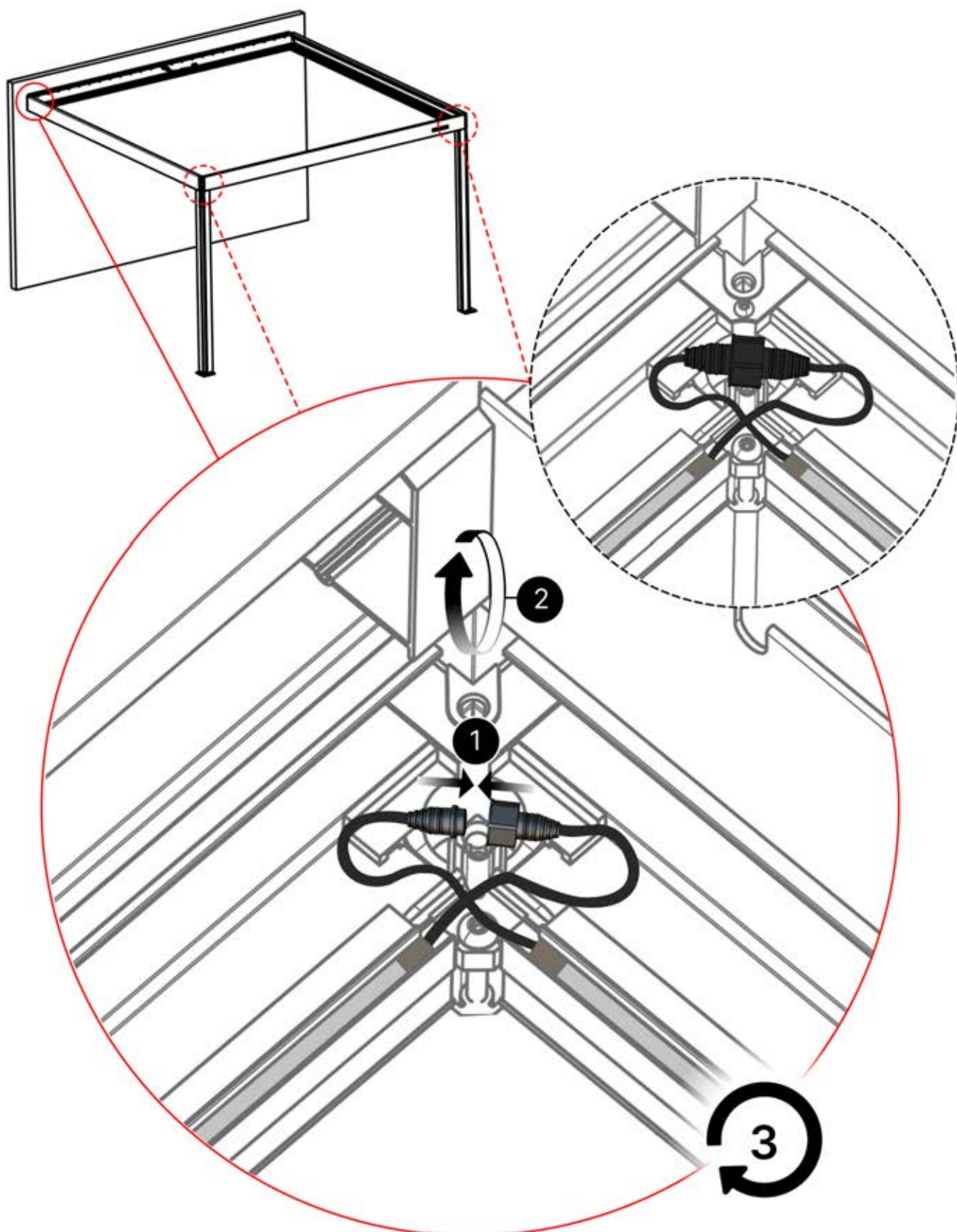
23



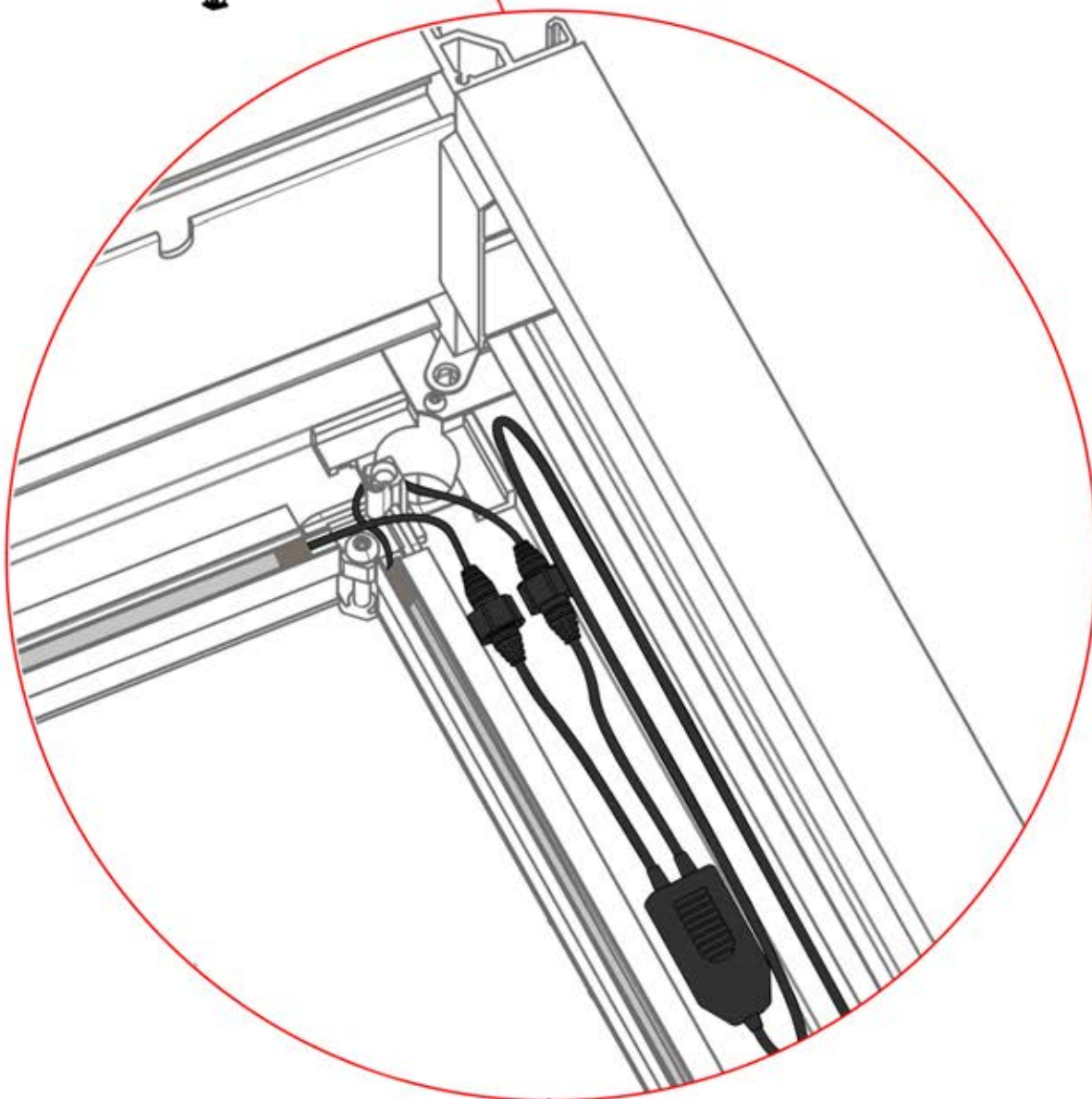
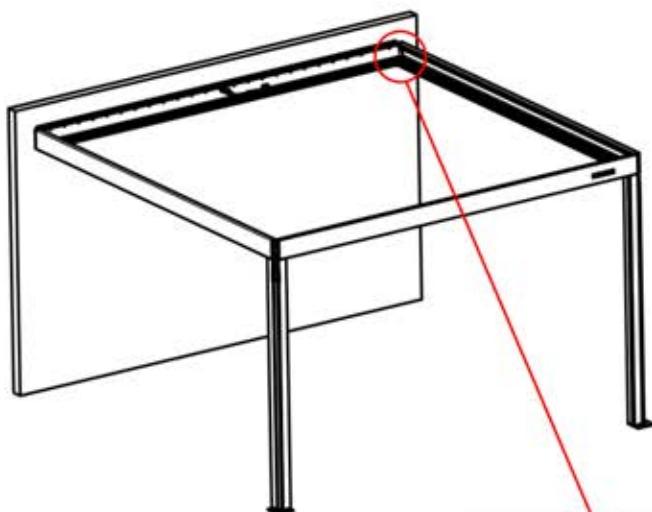
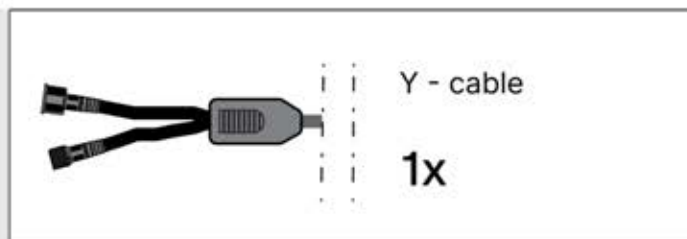
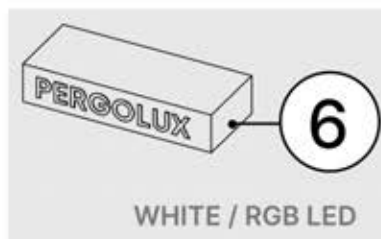
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



24



25



26



4

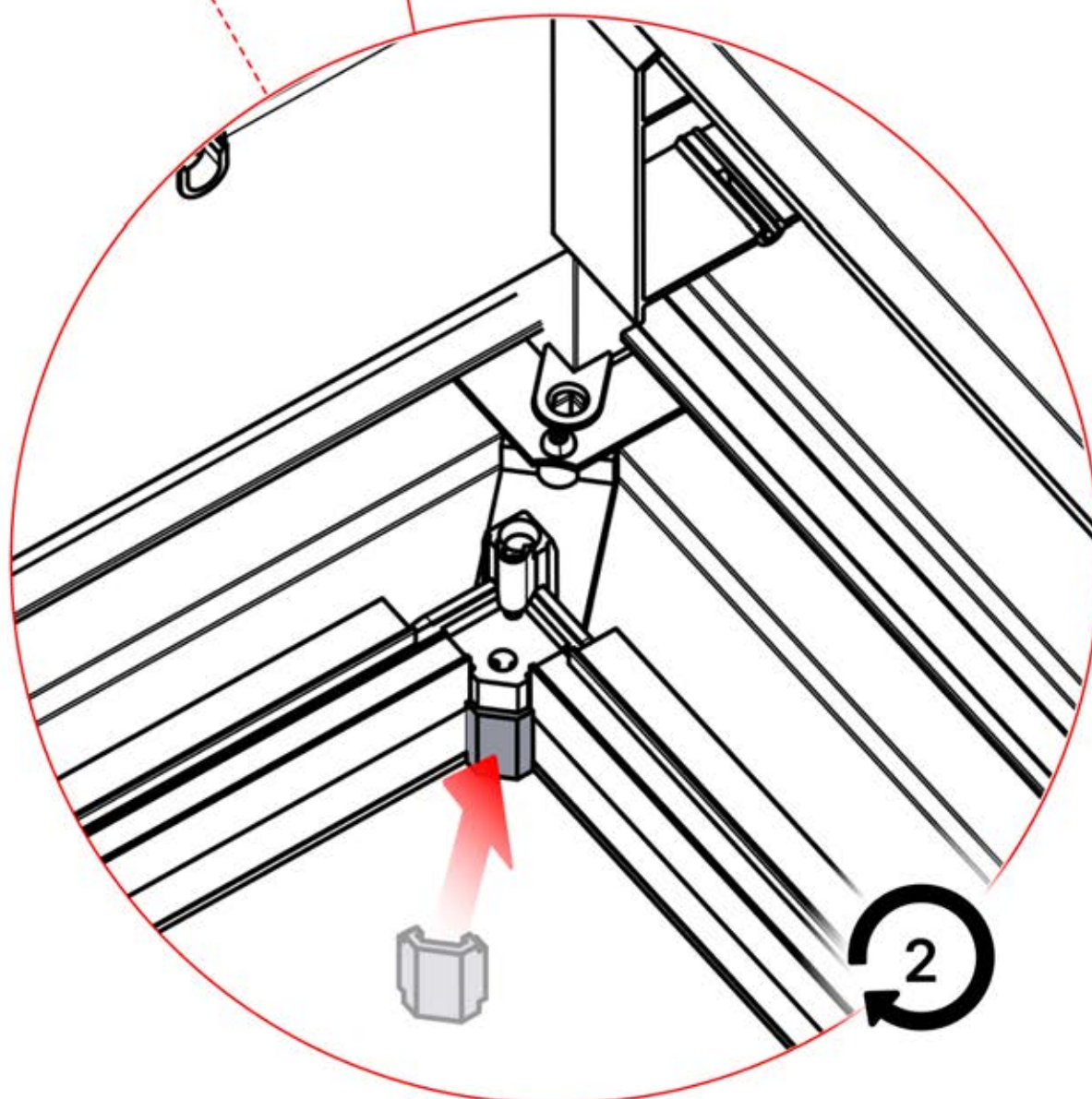
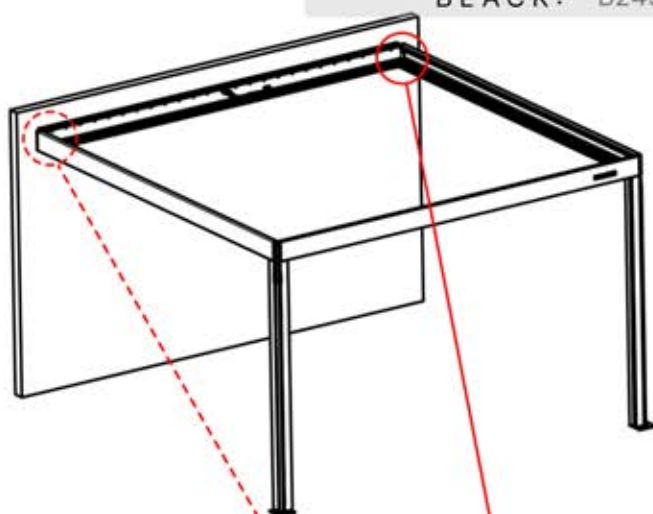
ANTHRACITE: B245
WHITE: B253
BLACK: B249



PN-200000516

2x

PN-20000
3365



27



4

ANTHRACITE: B245
WHITE: B253
BLACK: B249



PN-200002625

4x

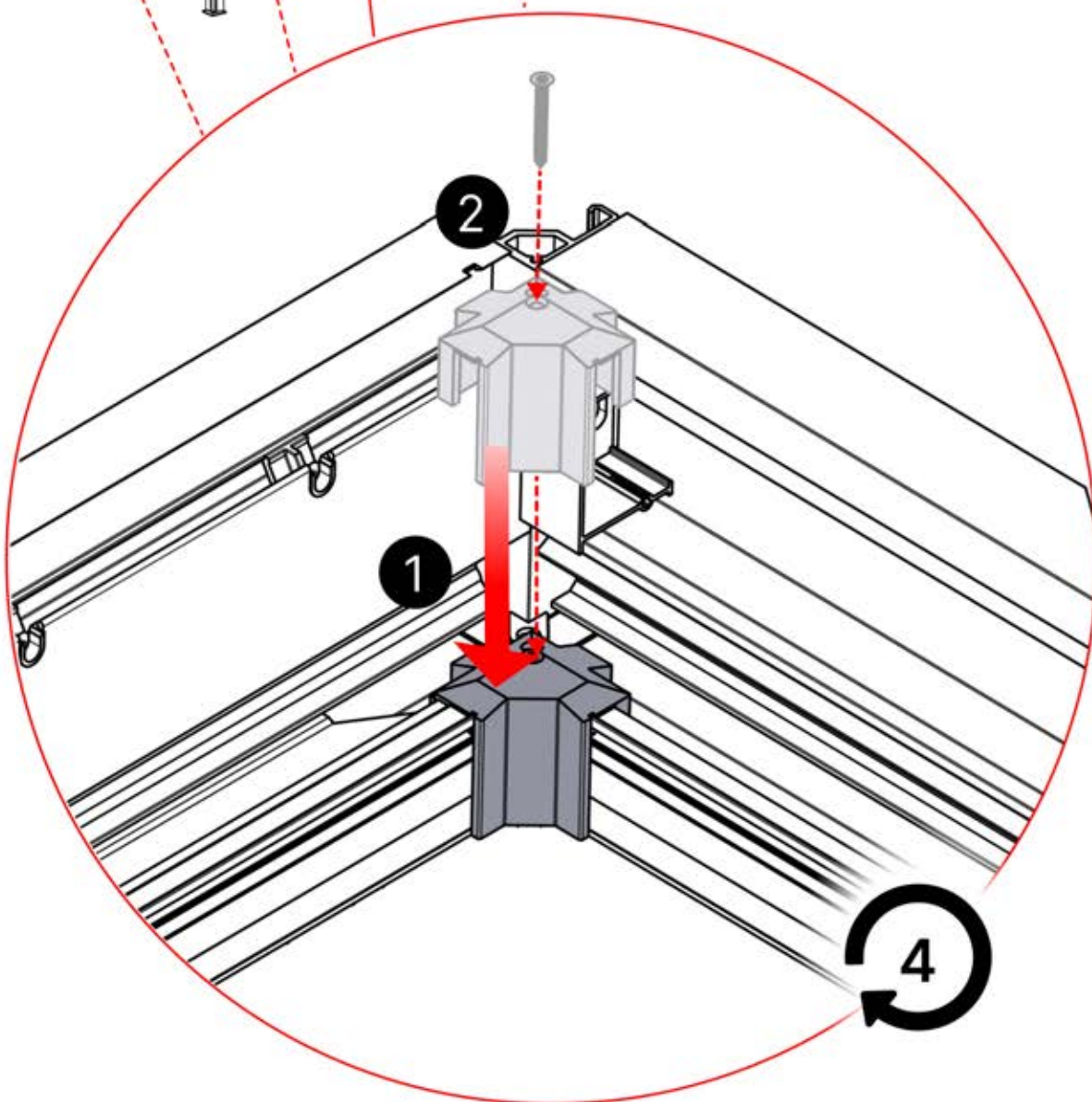
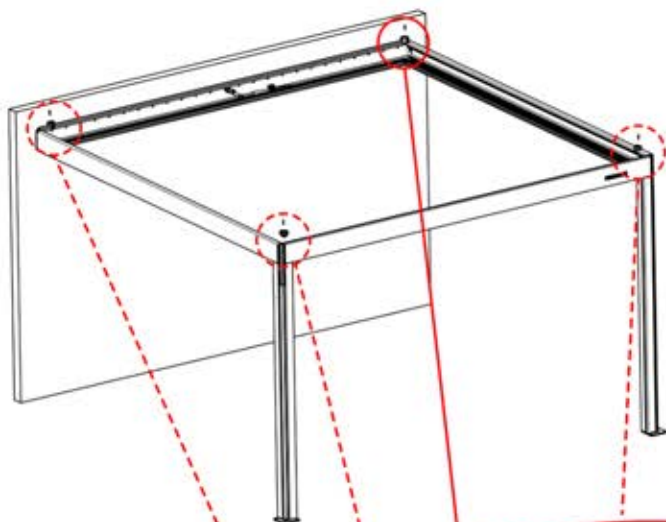
PN-20000
3284

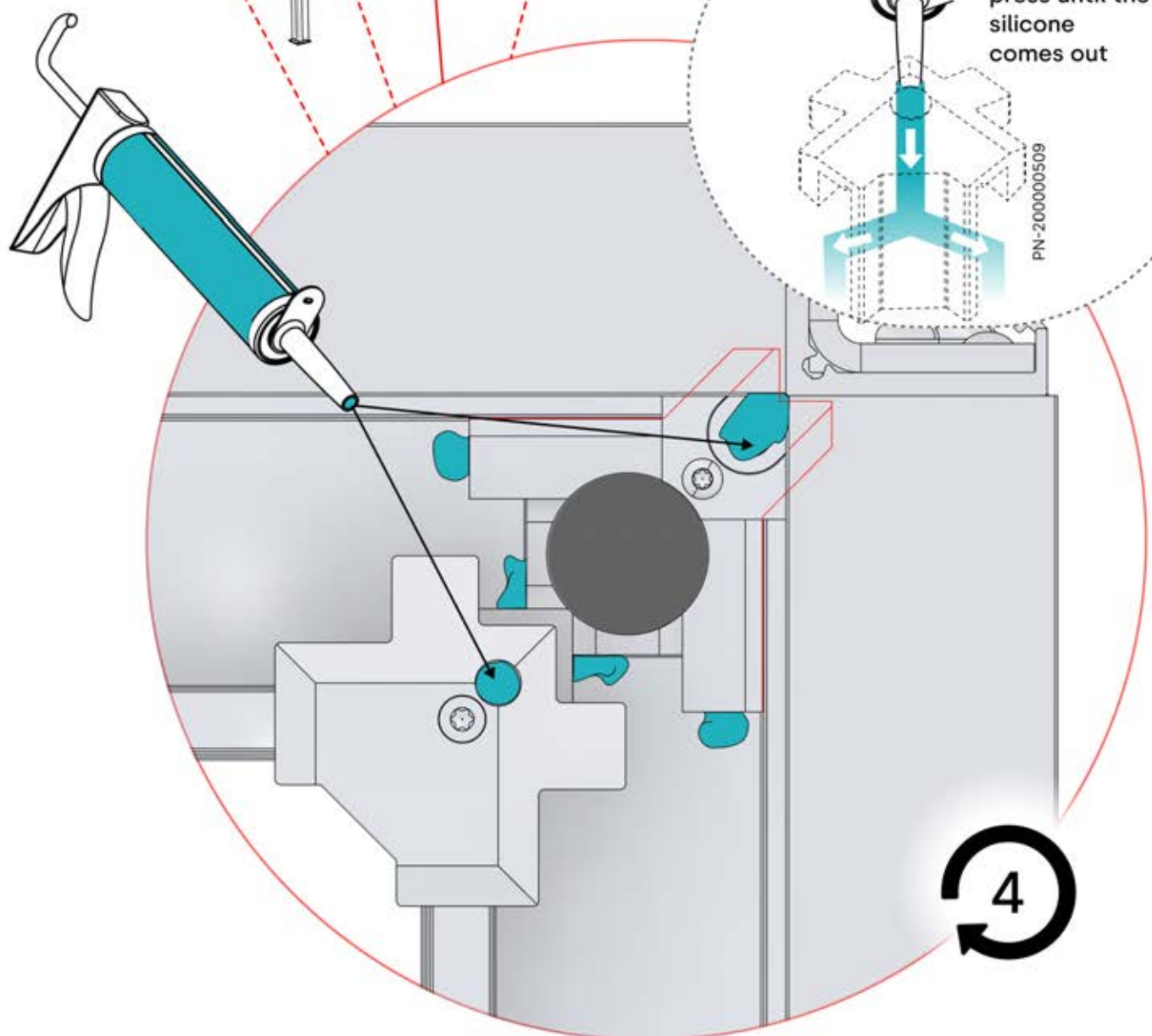
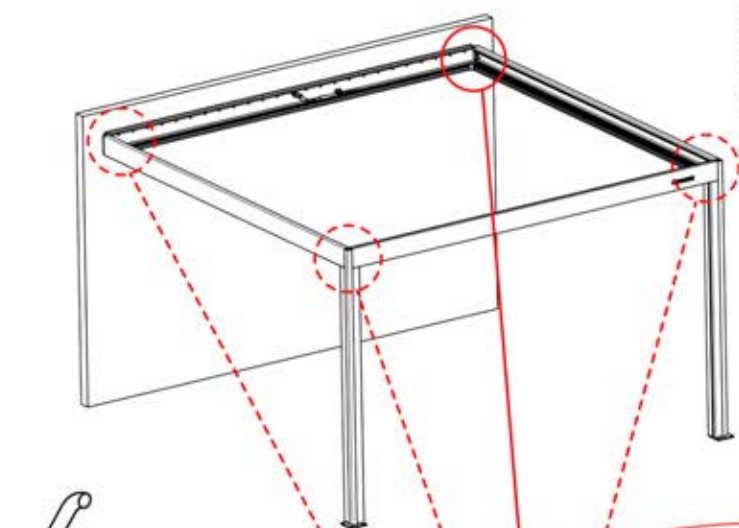


PN-200000960

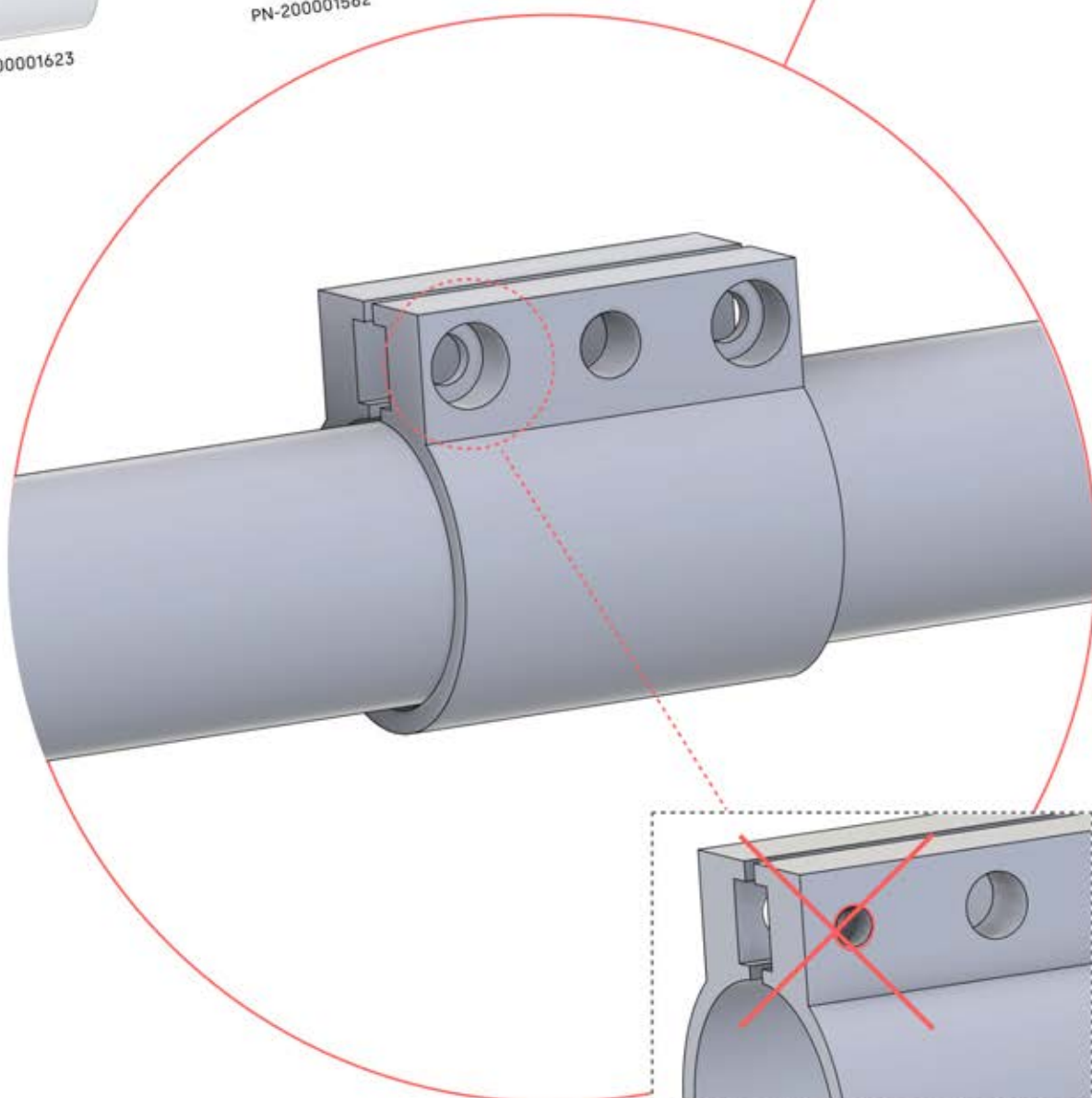
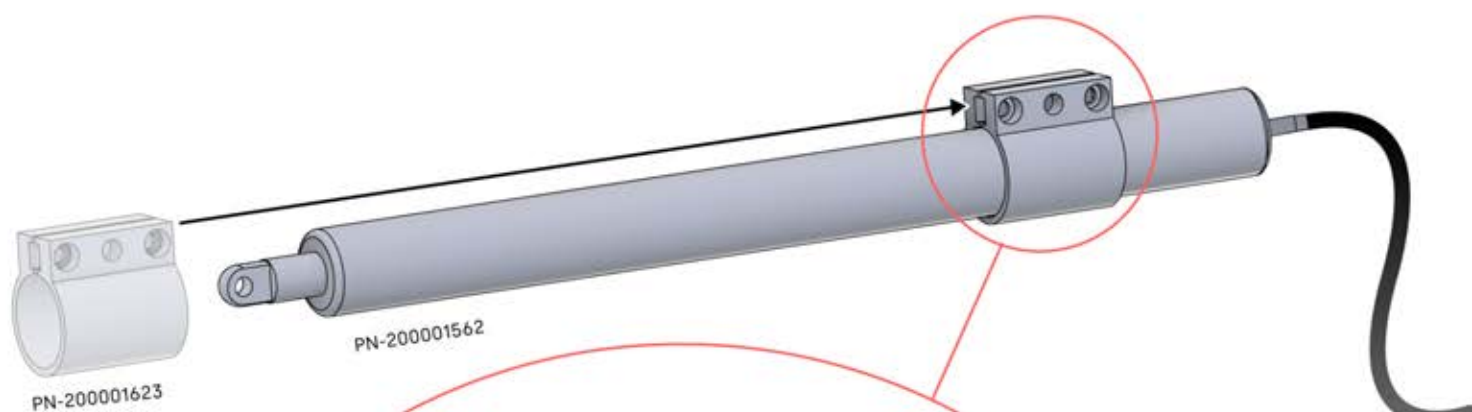
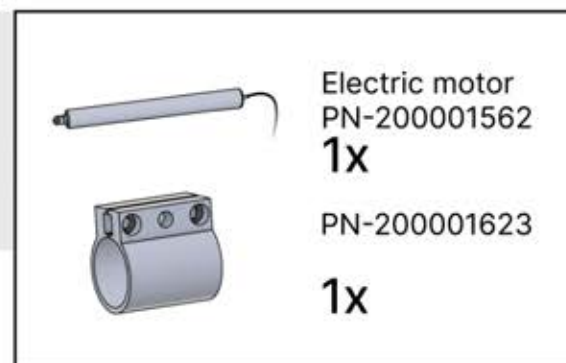
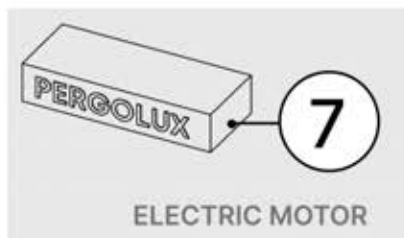
4x

PN-20000
3379

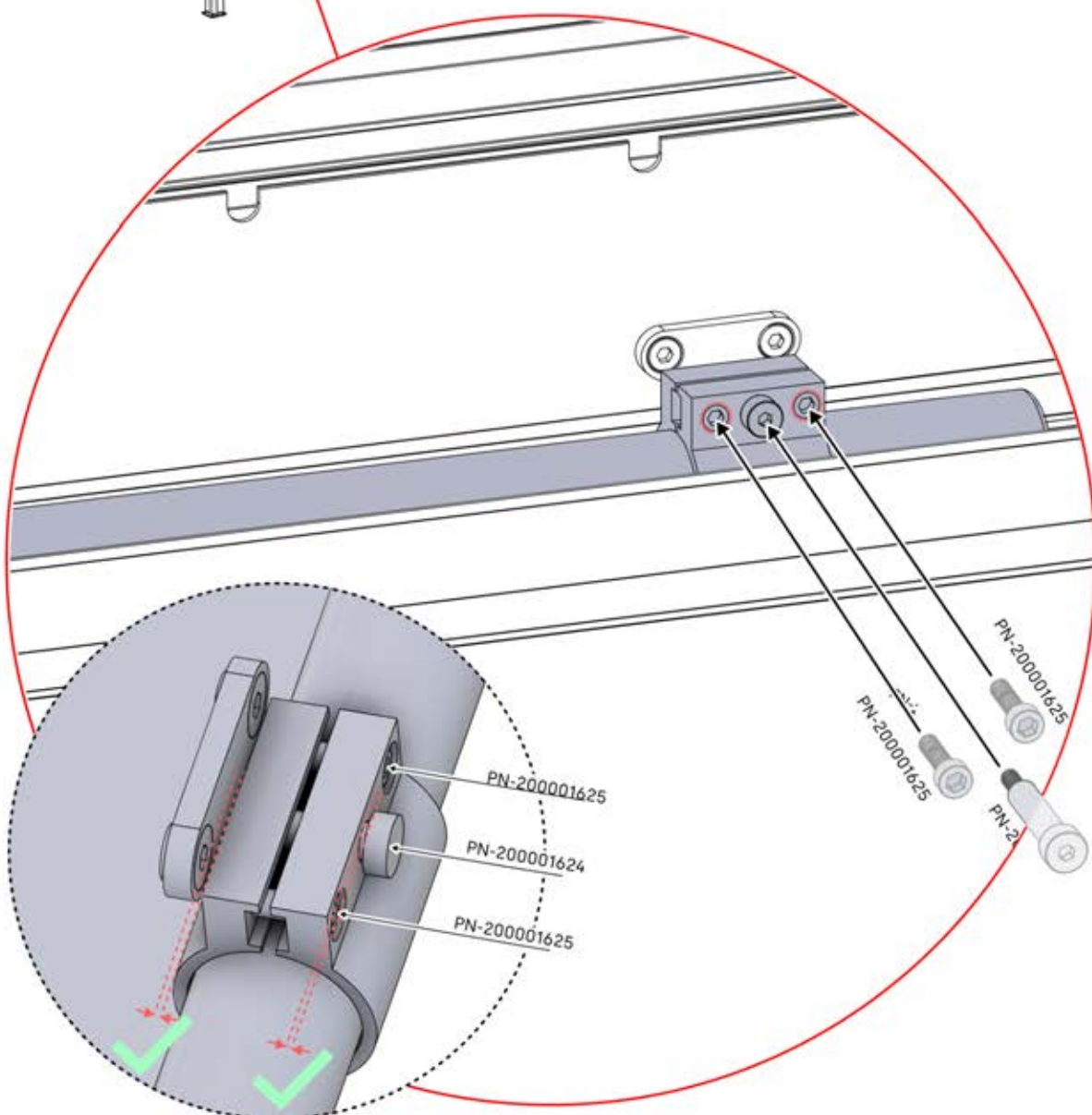
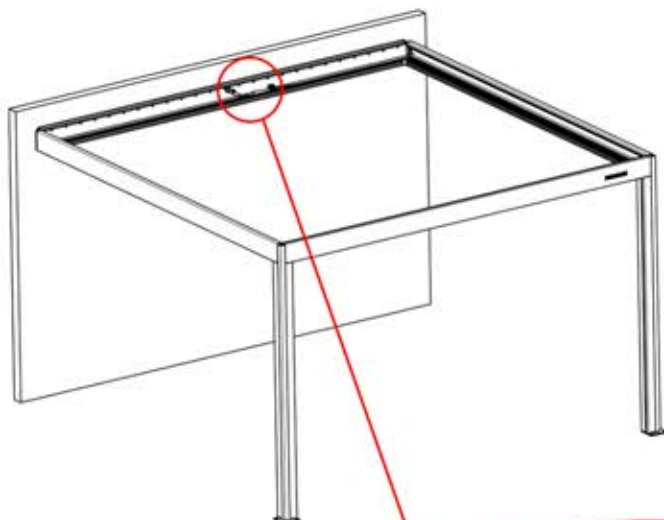
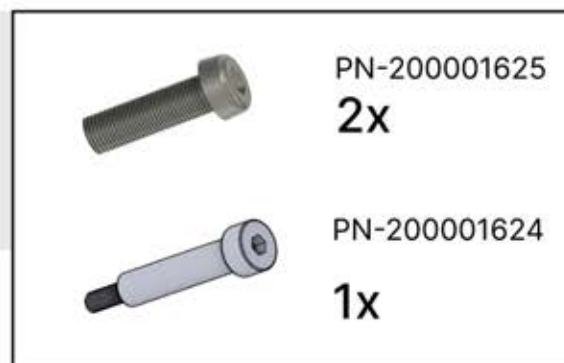
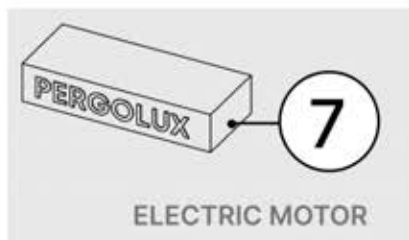




29



30



31



4

ANTHRACITE: B233
WHITE: B241
BLACK: B237



PN-200003372

1x



PN-200000502

1x



PN-200003373

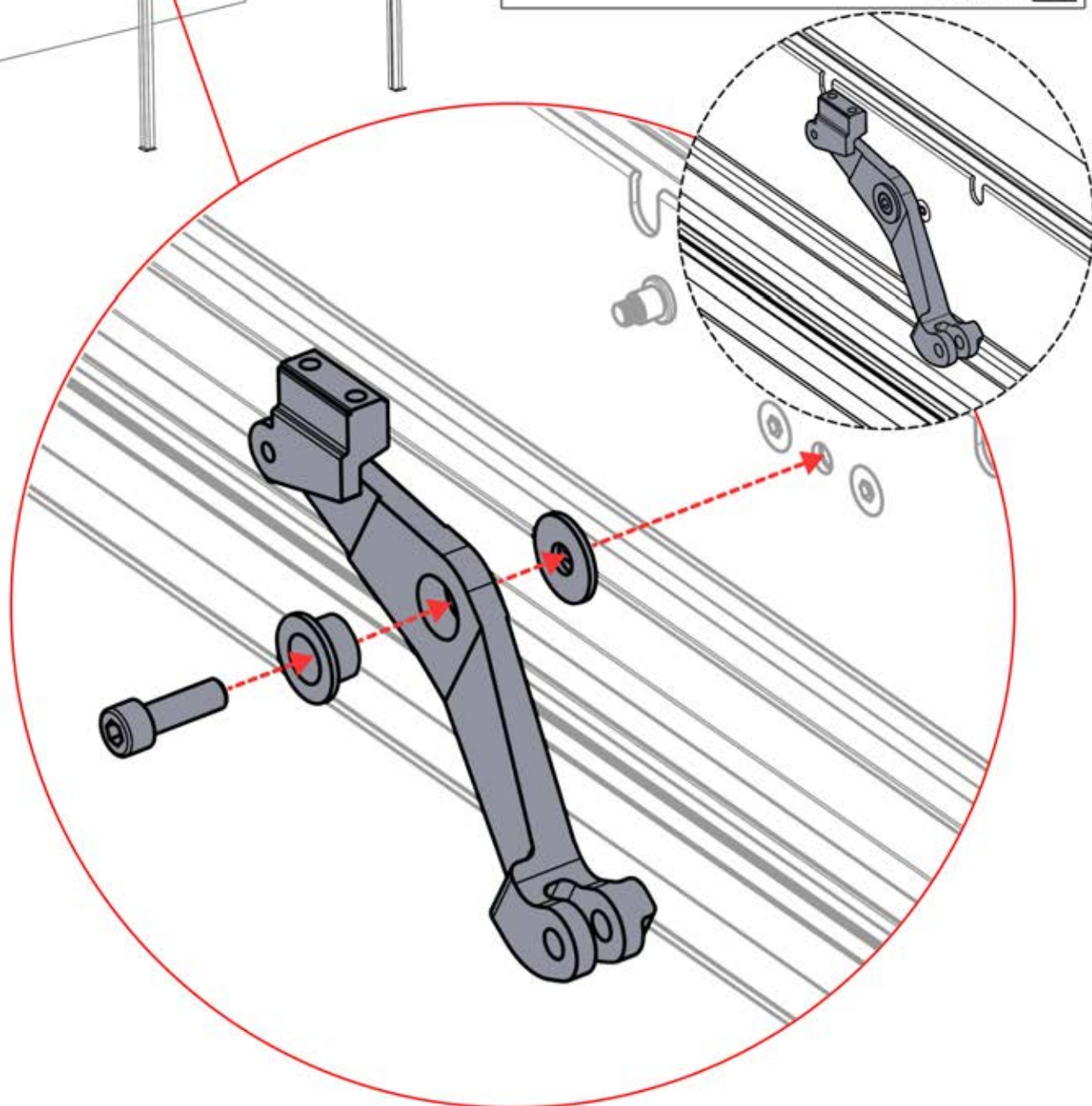
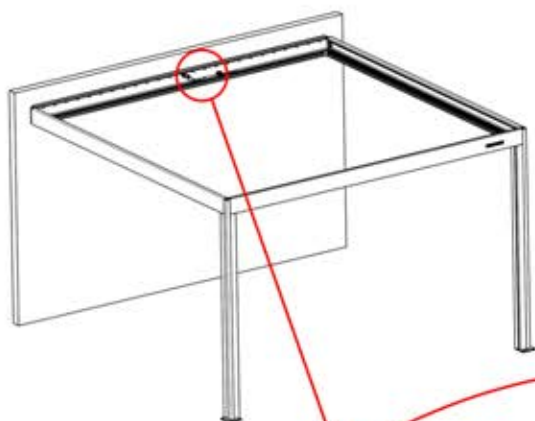
1x



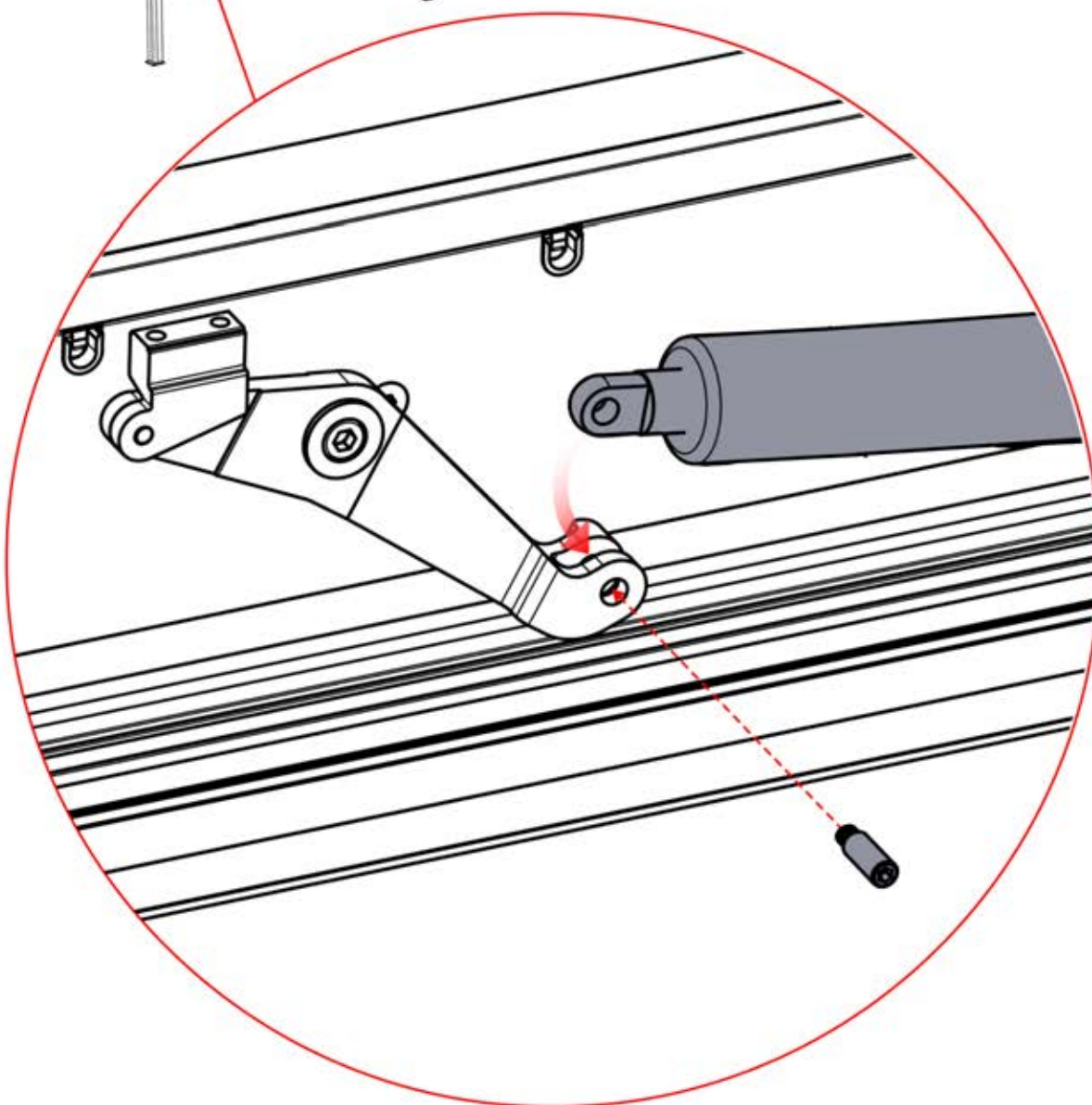
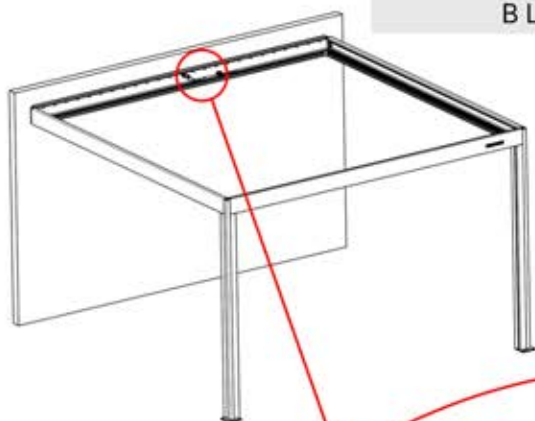
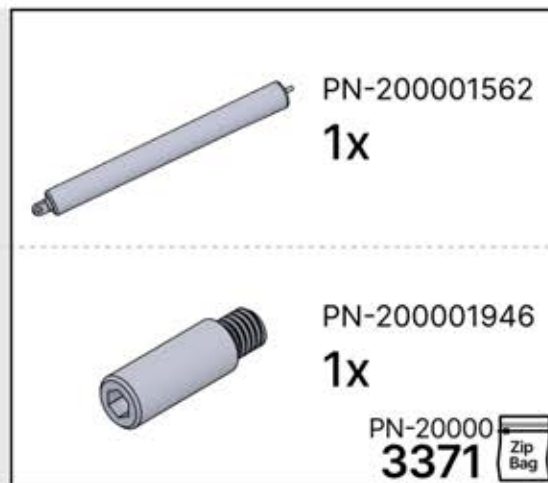
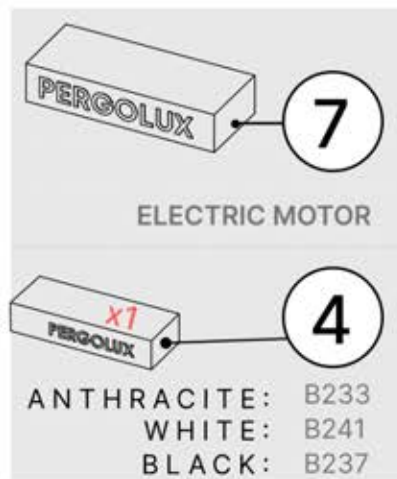
PN-200000561

1x

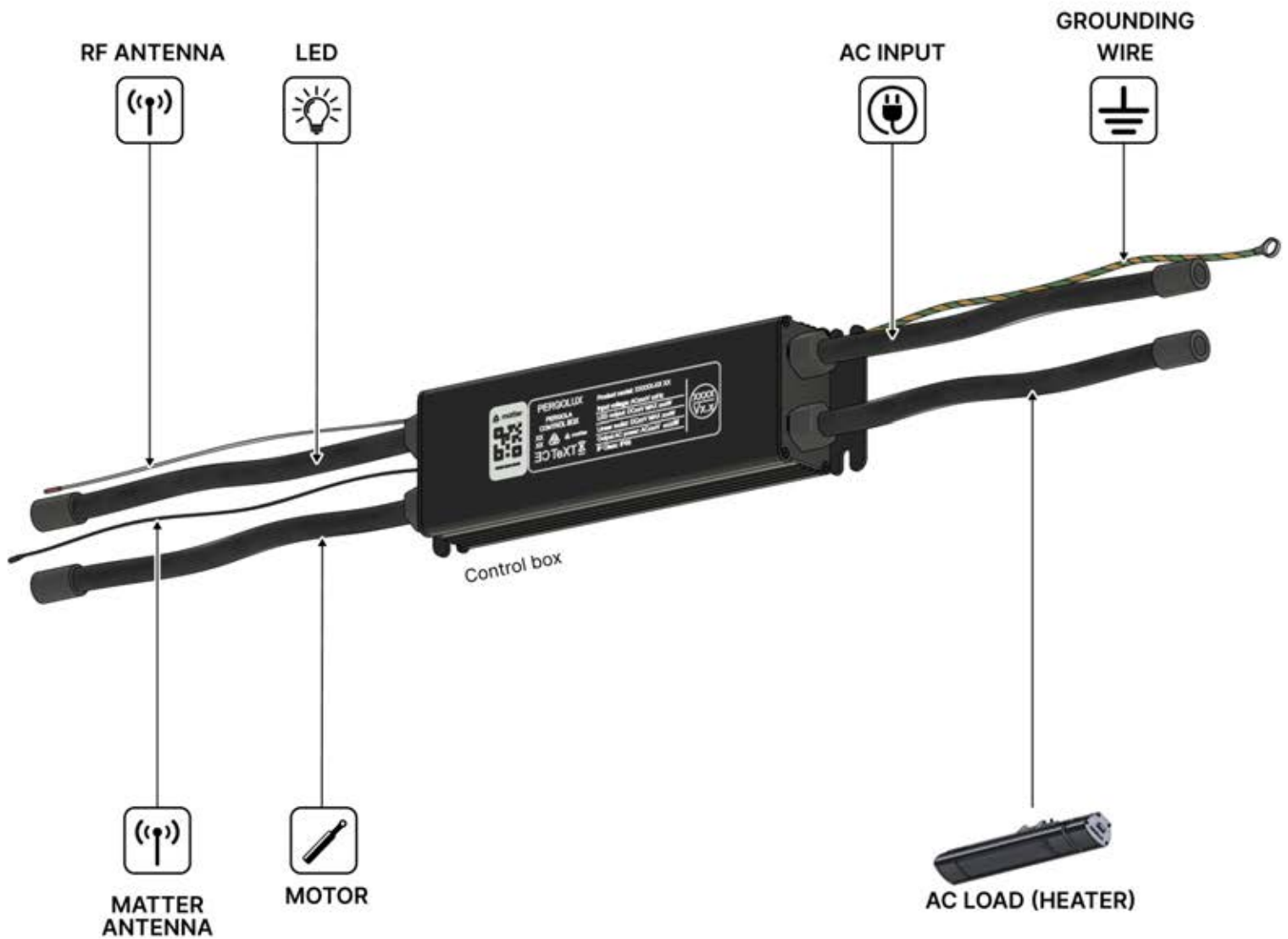
PN-20000
3371 Zip Bag



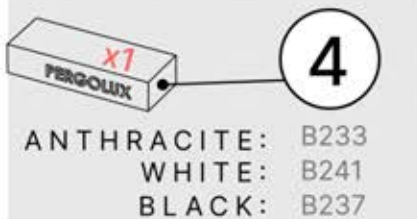
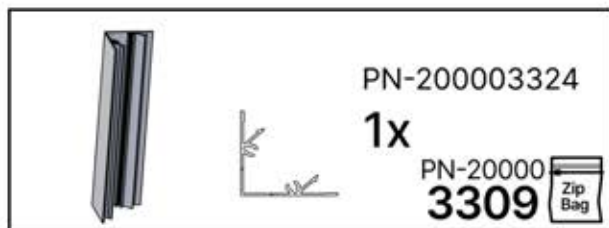
32



INPUTS AND OUTPUTS

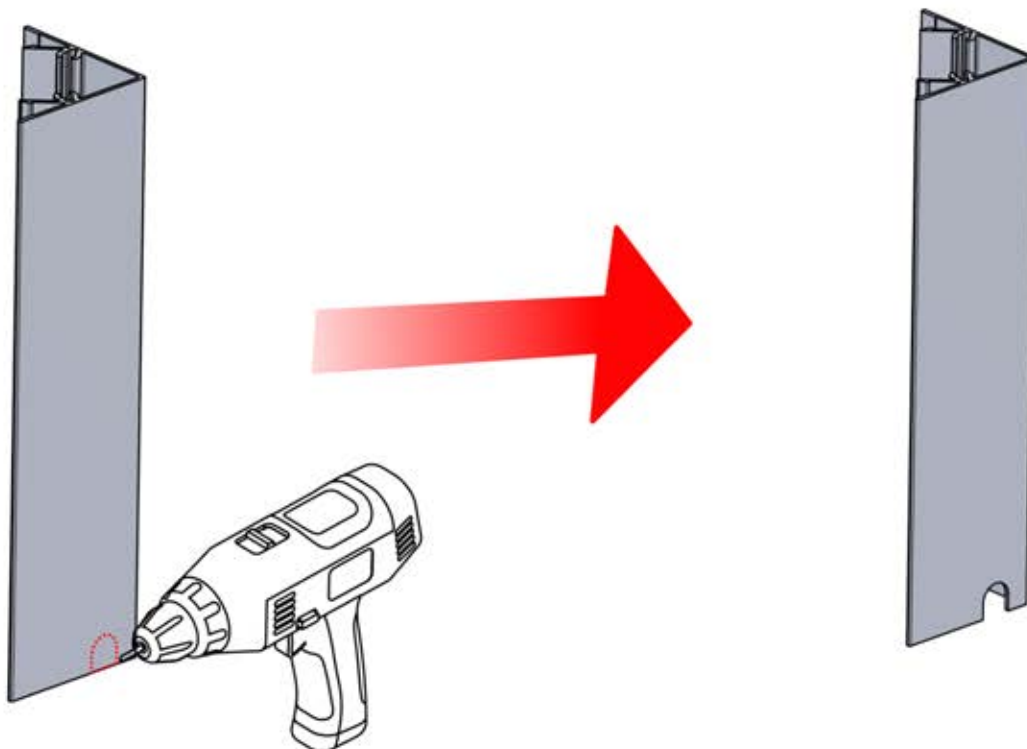


INFORMATION

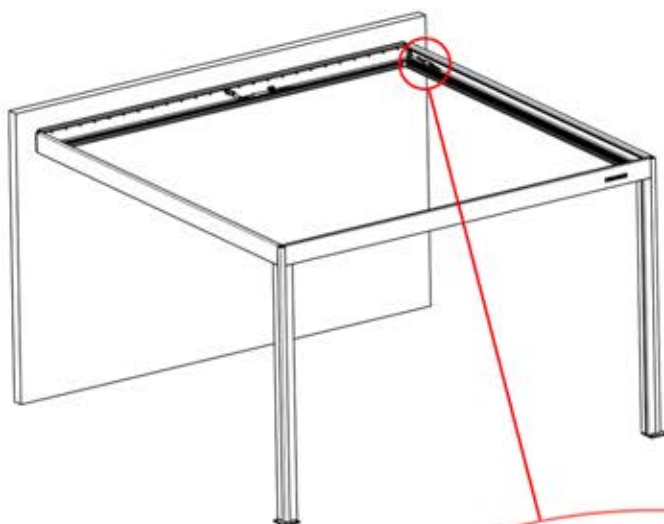
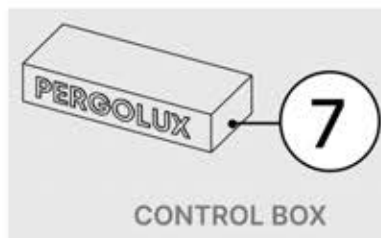


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200003324**) as illustrated. This allows the cable to pass through during installation in step 60.

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.

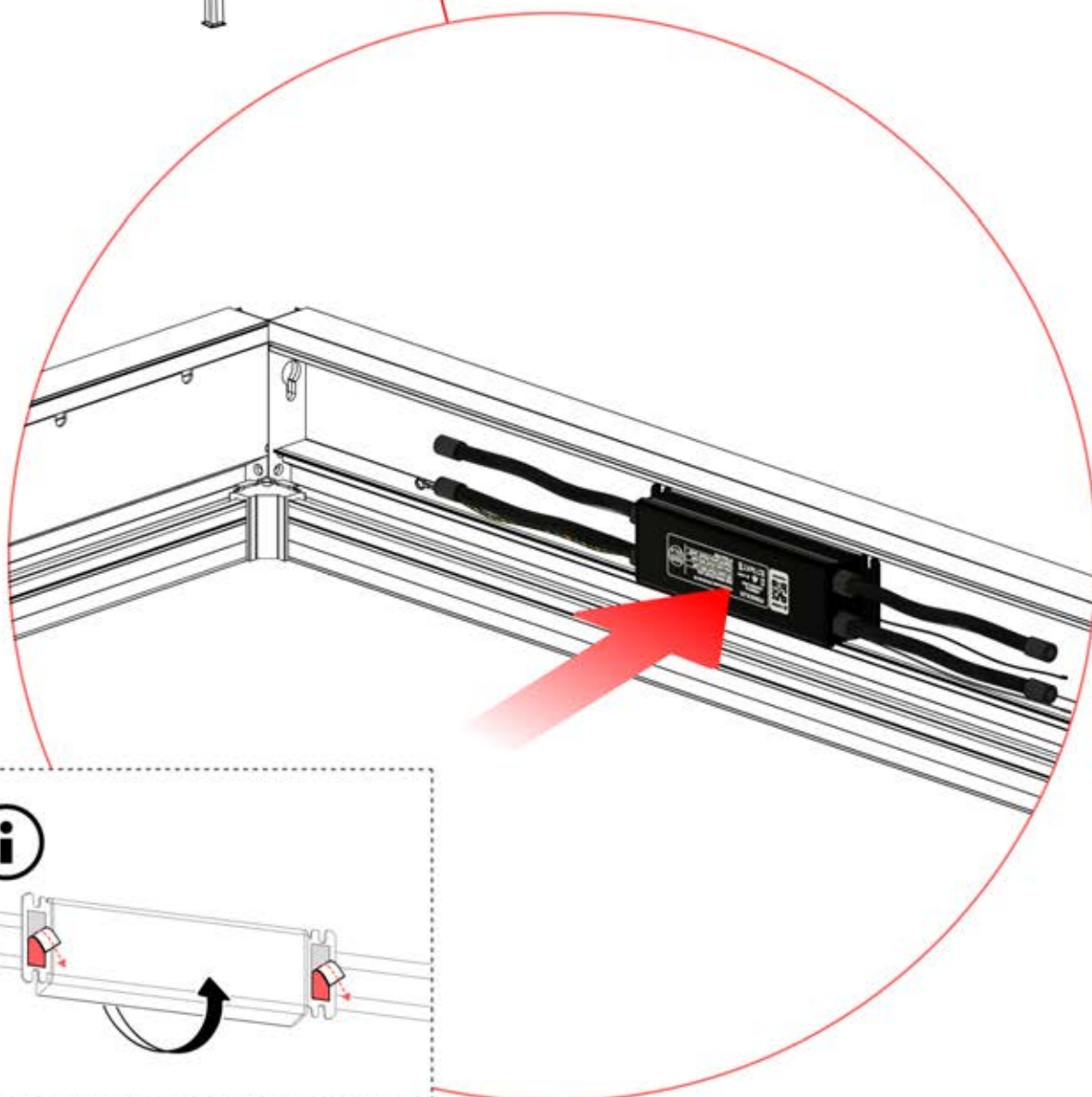


33

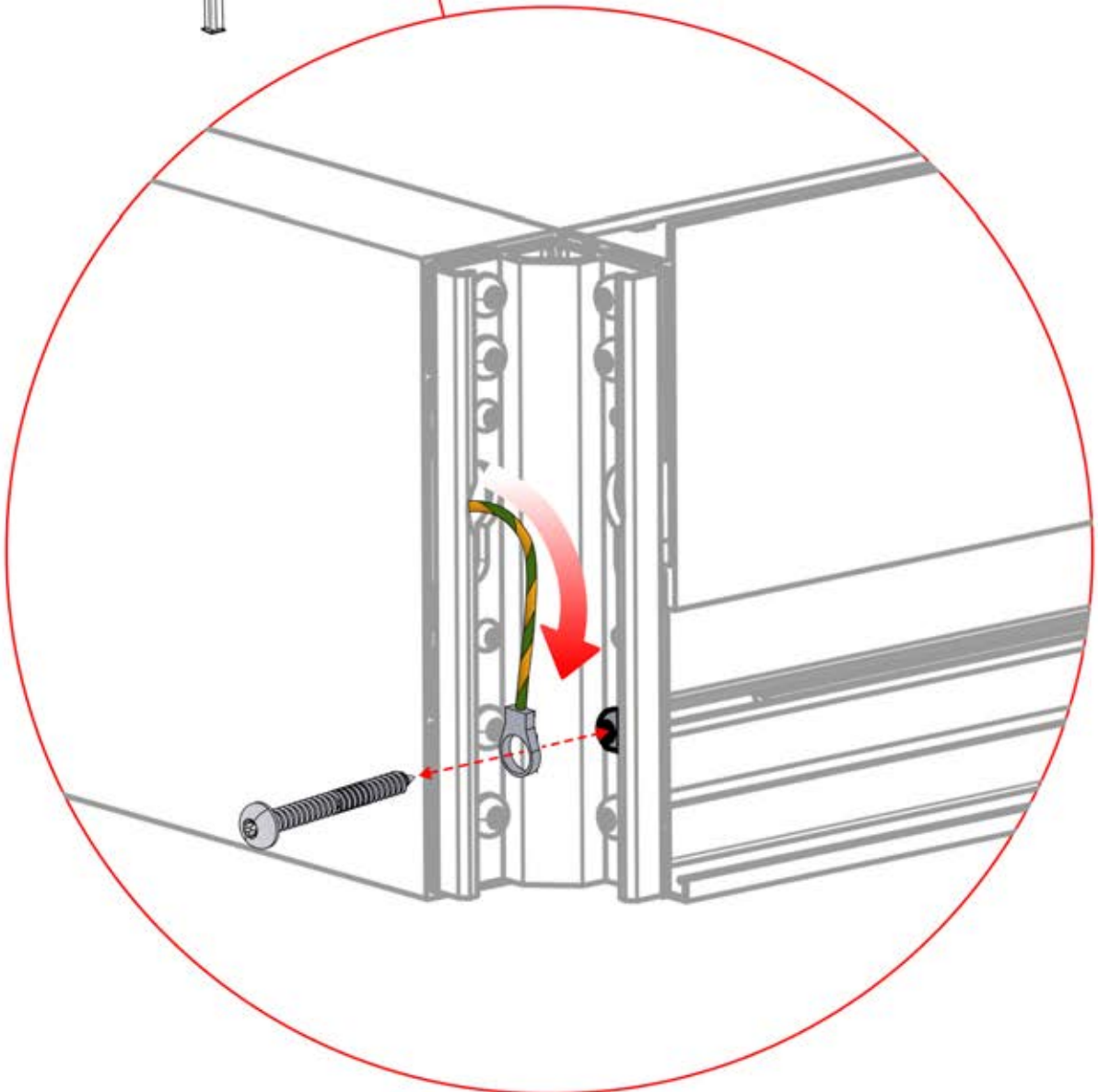
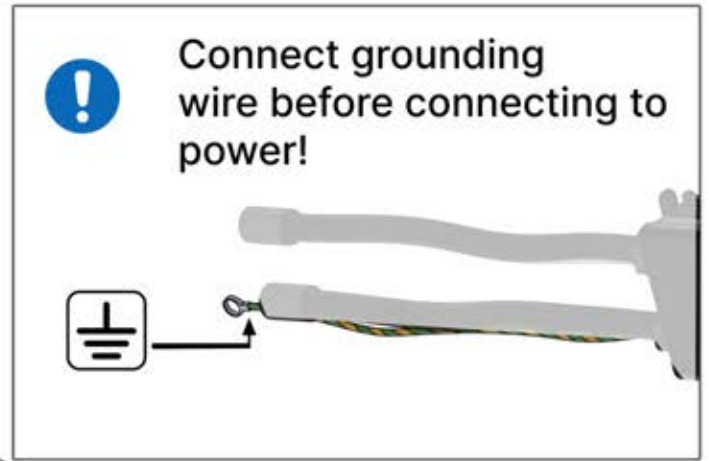
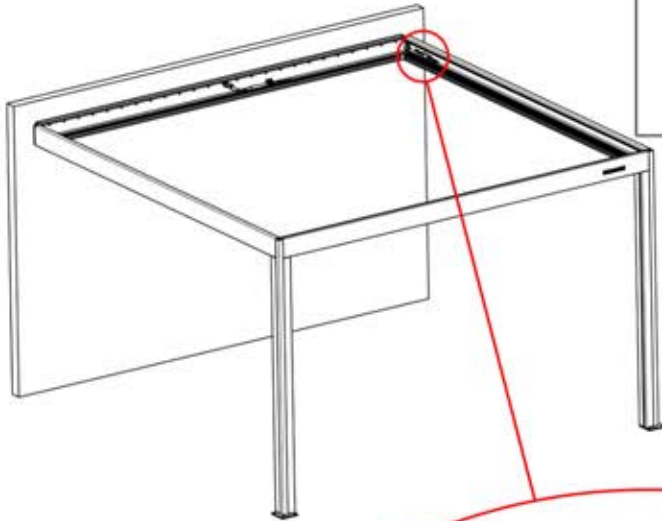


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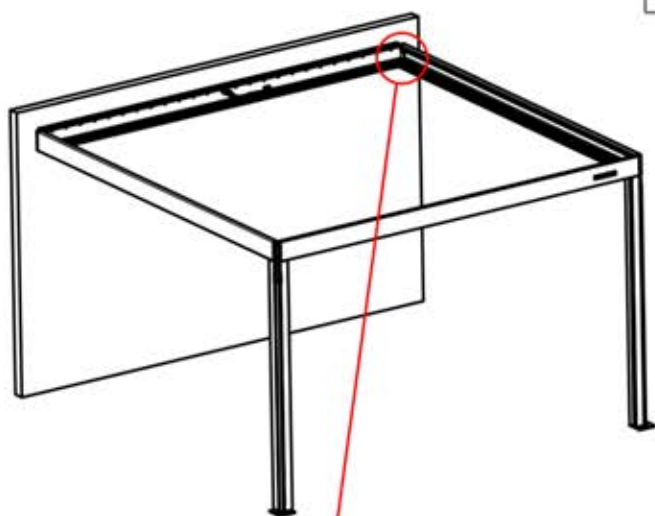
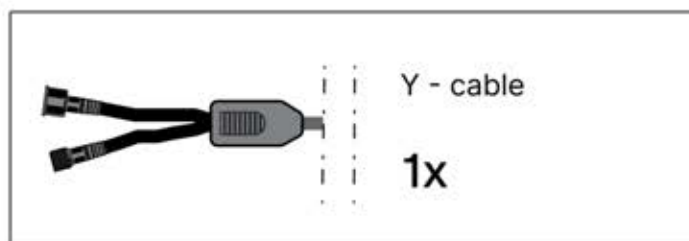
Control Box can be installed on Preferred W BEAM



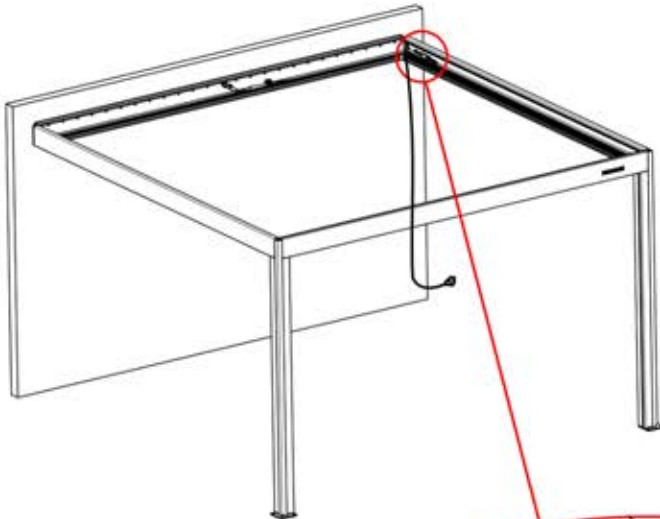
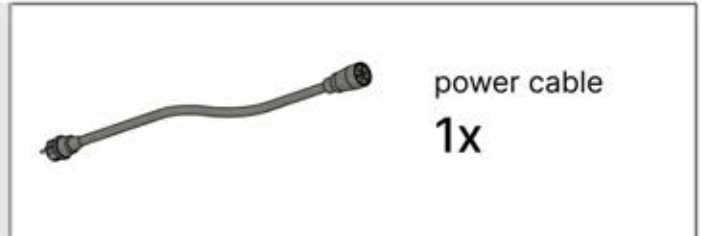
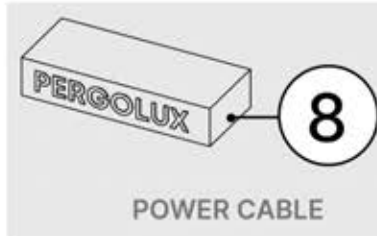
34



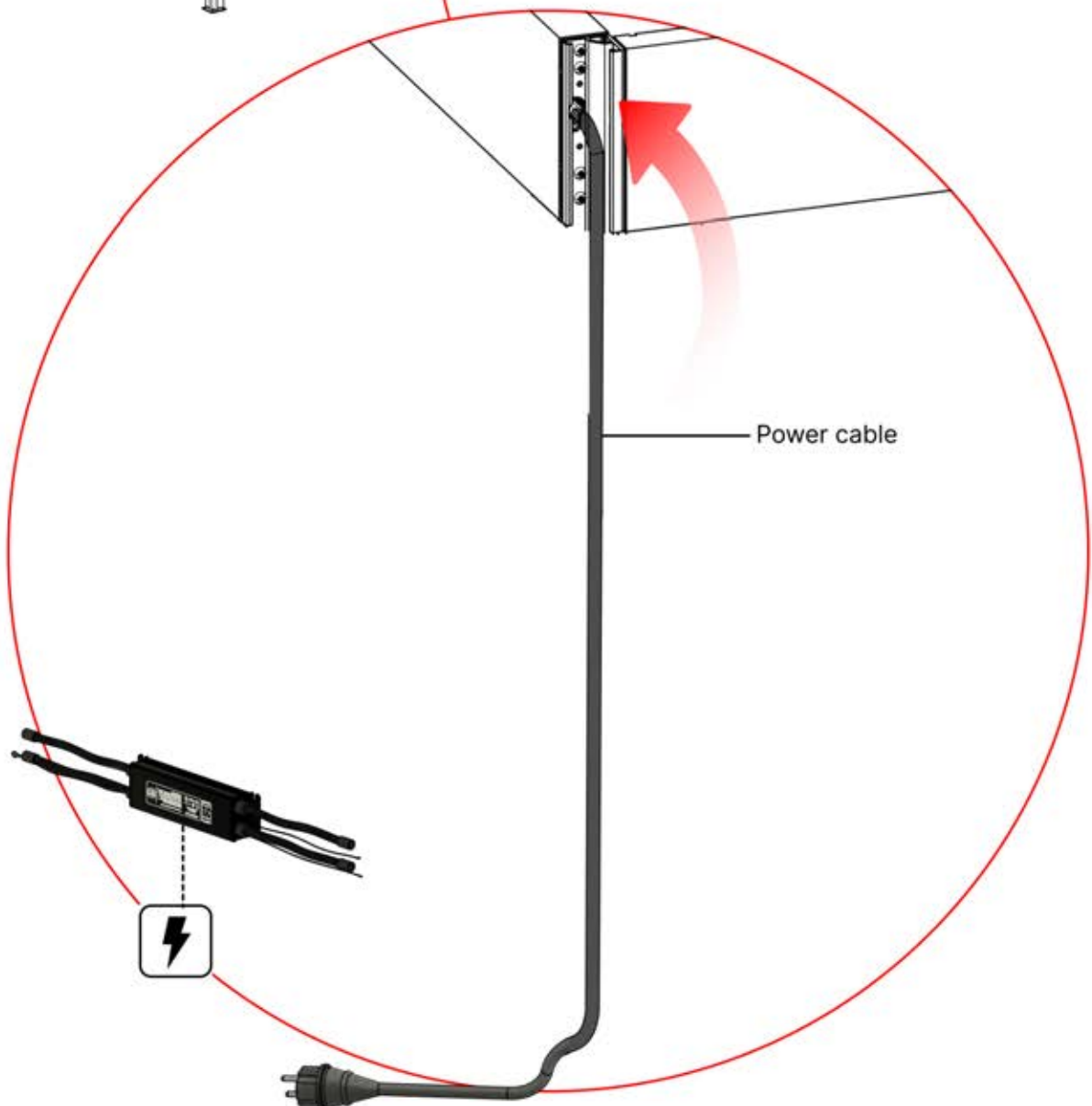
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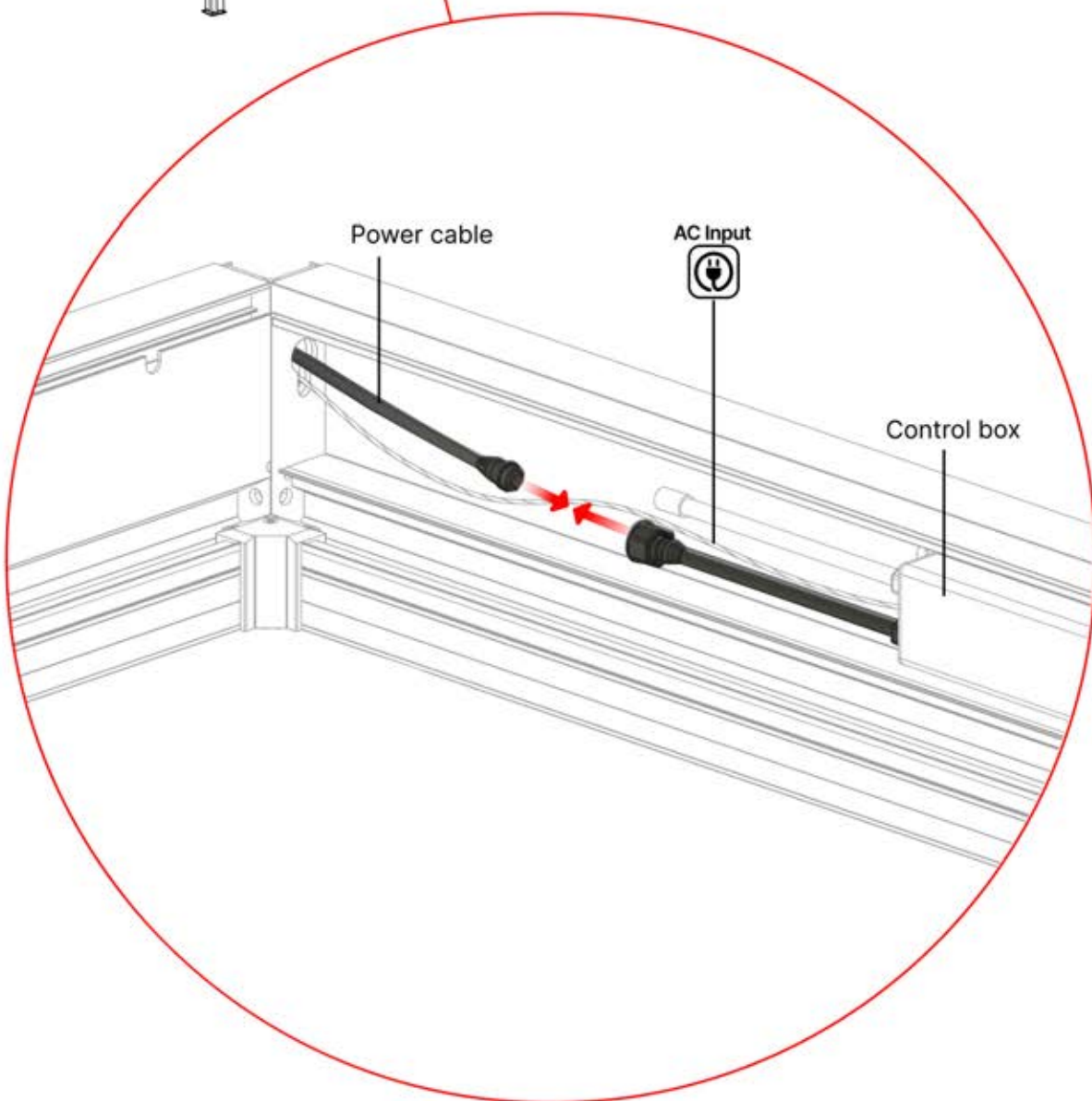
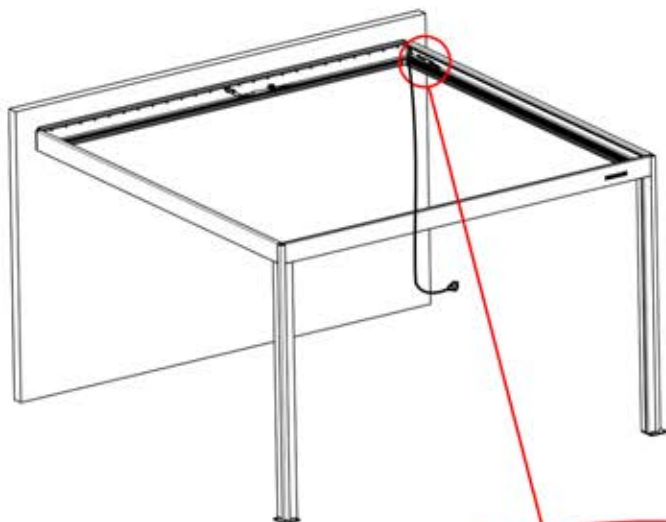
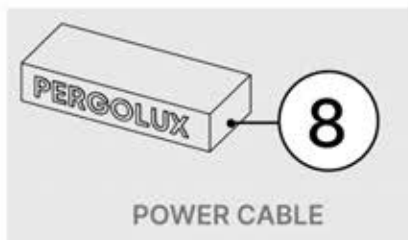
36



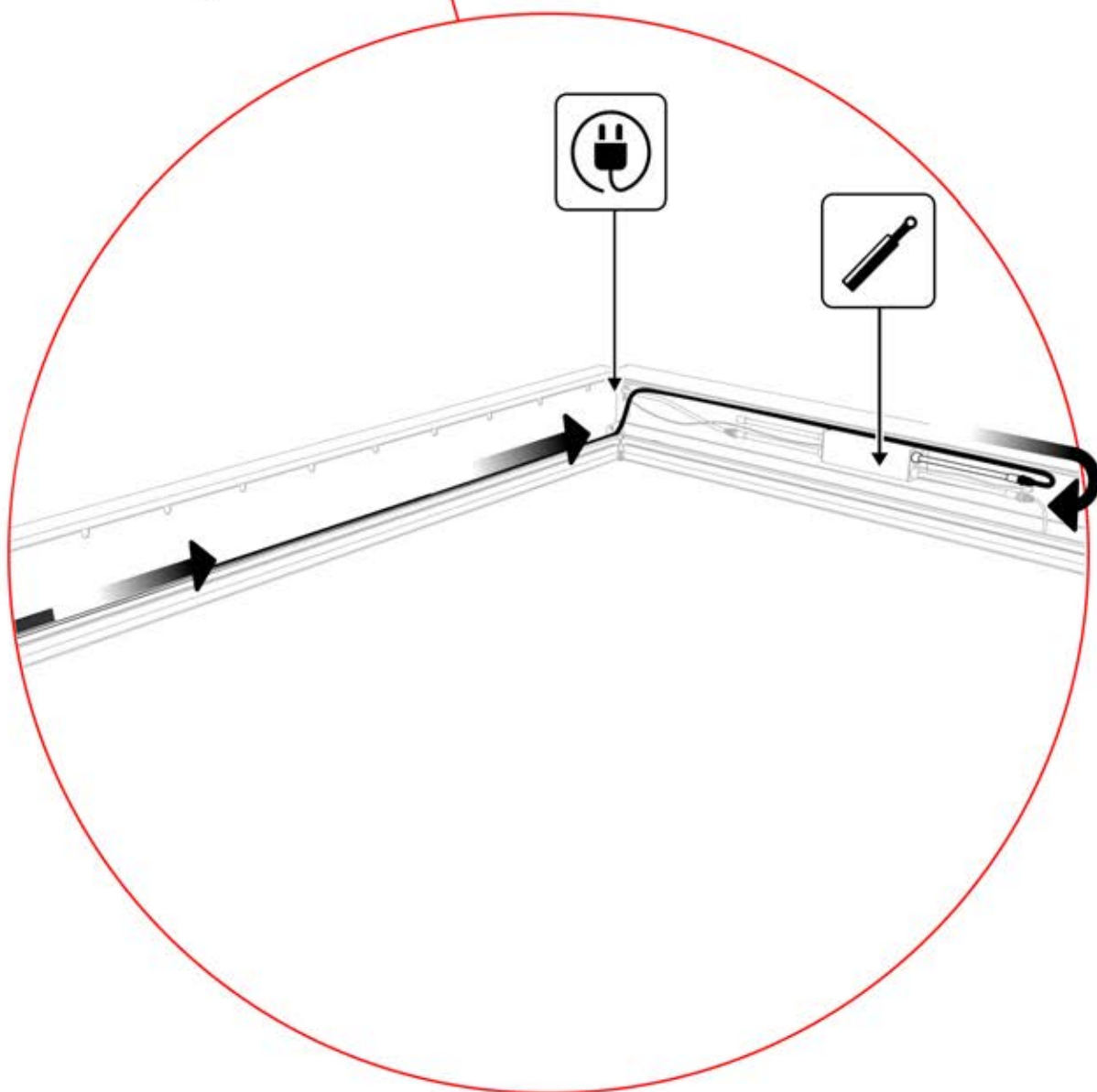
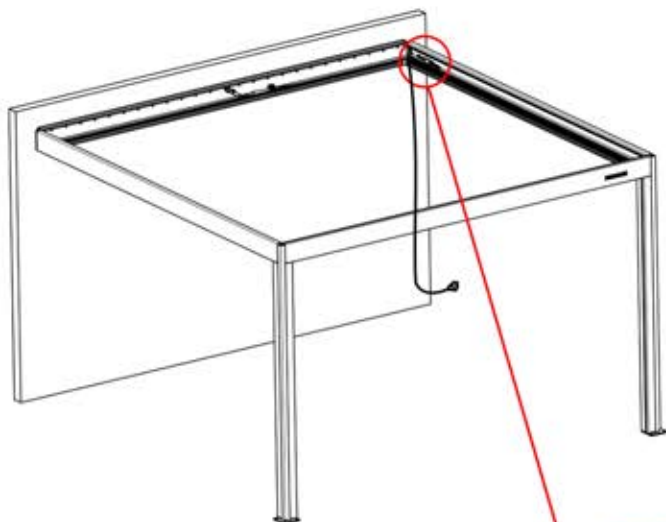
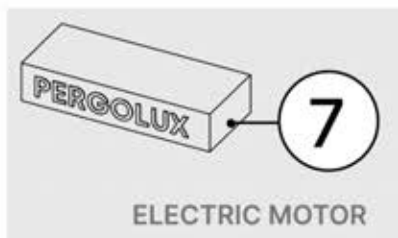
!
Power Cable can be
routed through all
the Poles.



37



38

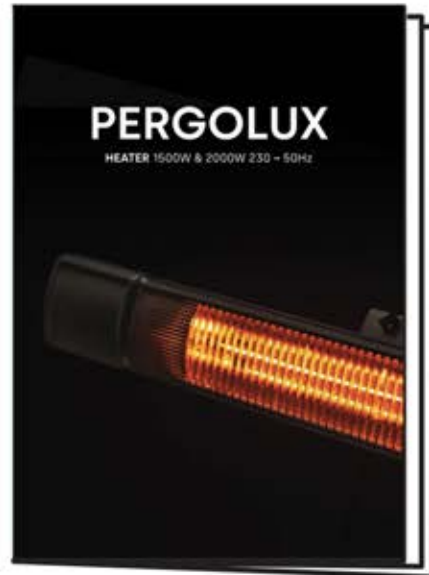


39

1

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

Follow the instructions in the heater assembly manual.



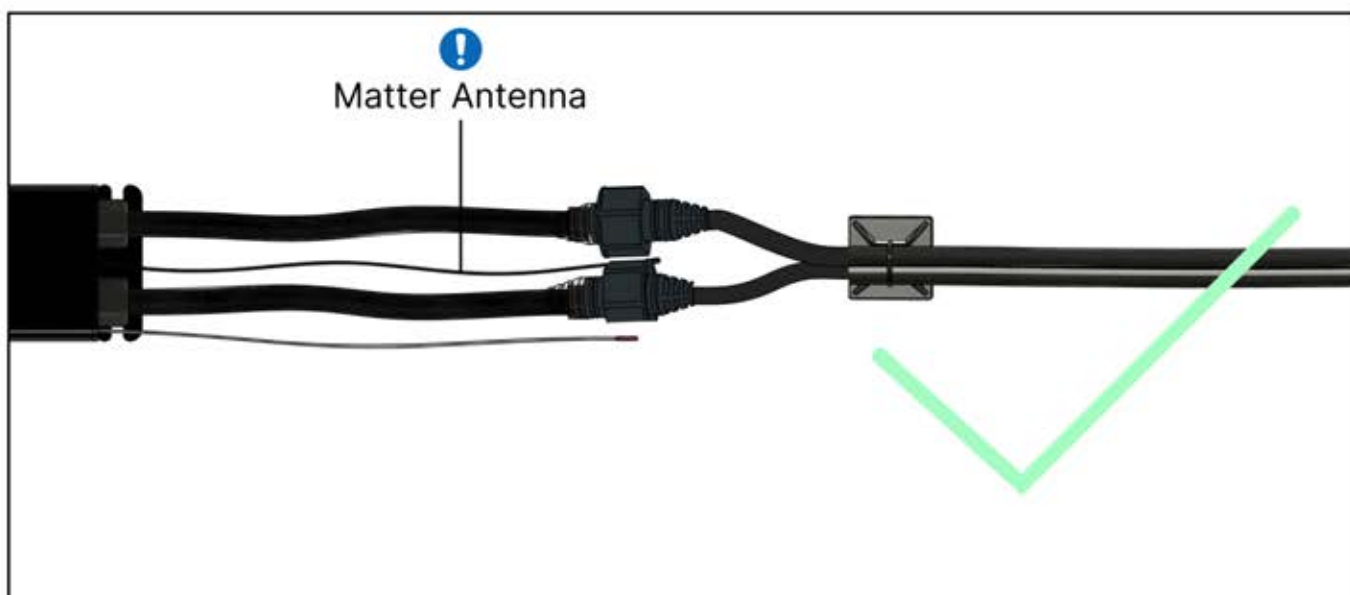
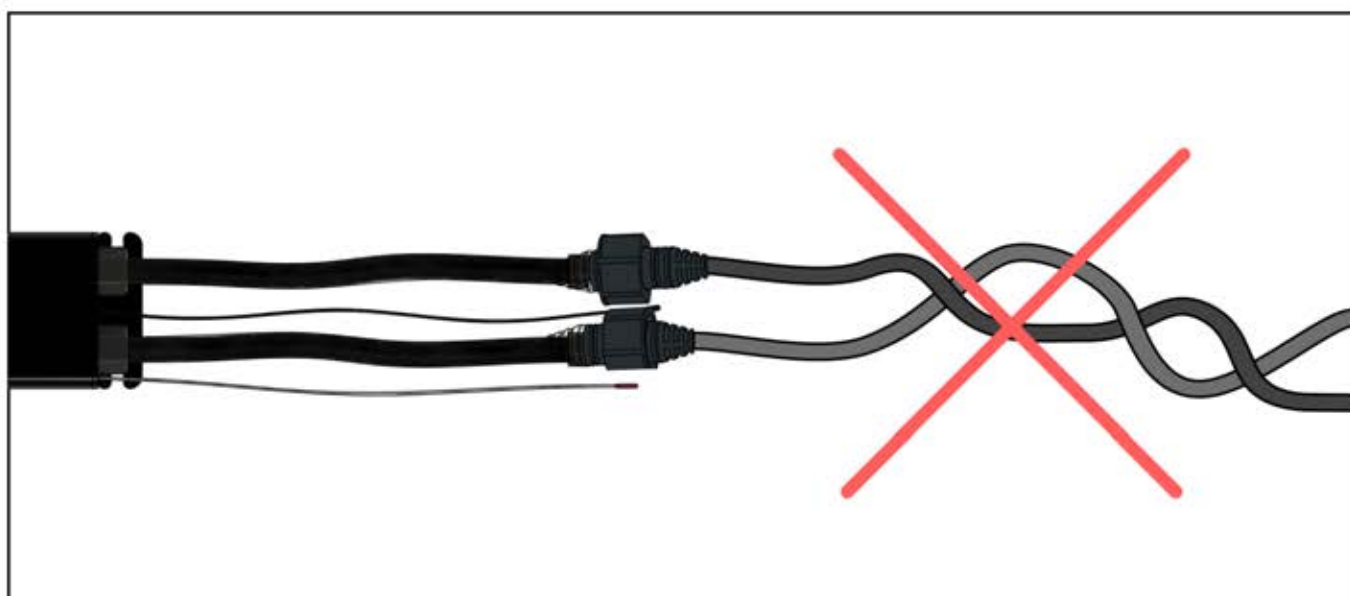
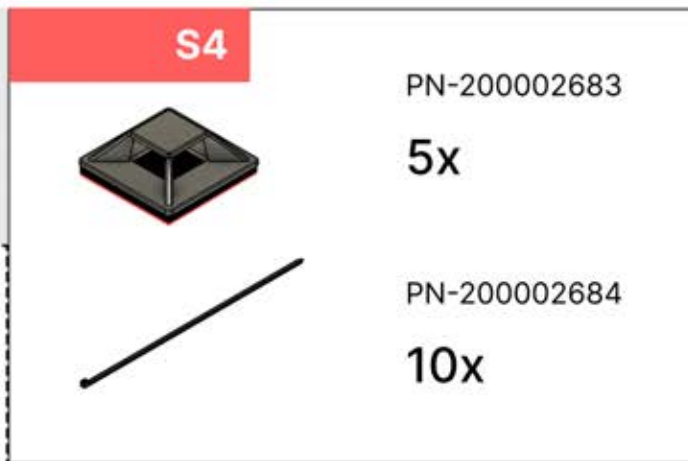
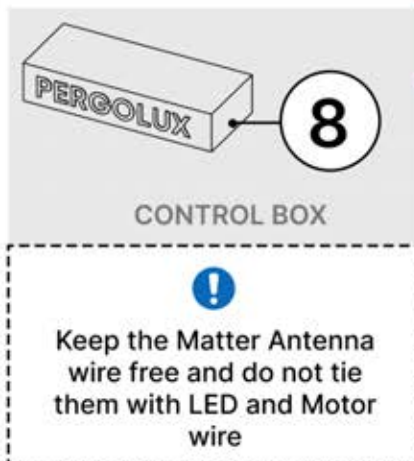
2

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

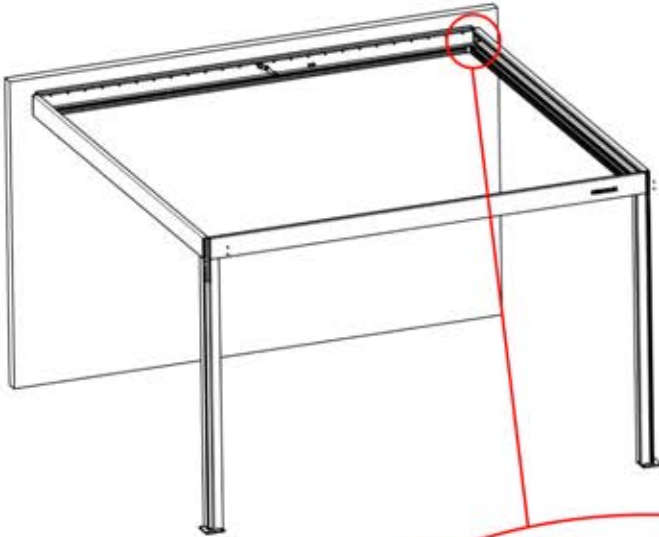
Follow the instruction in the assembly manual.



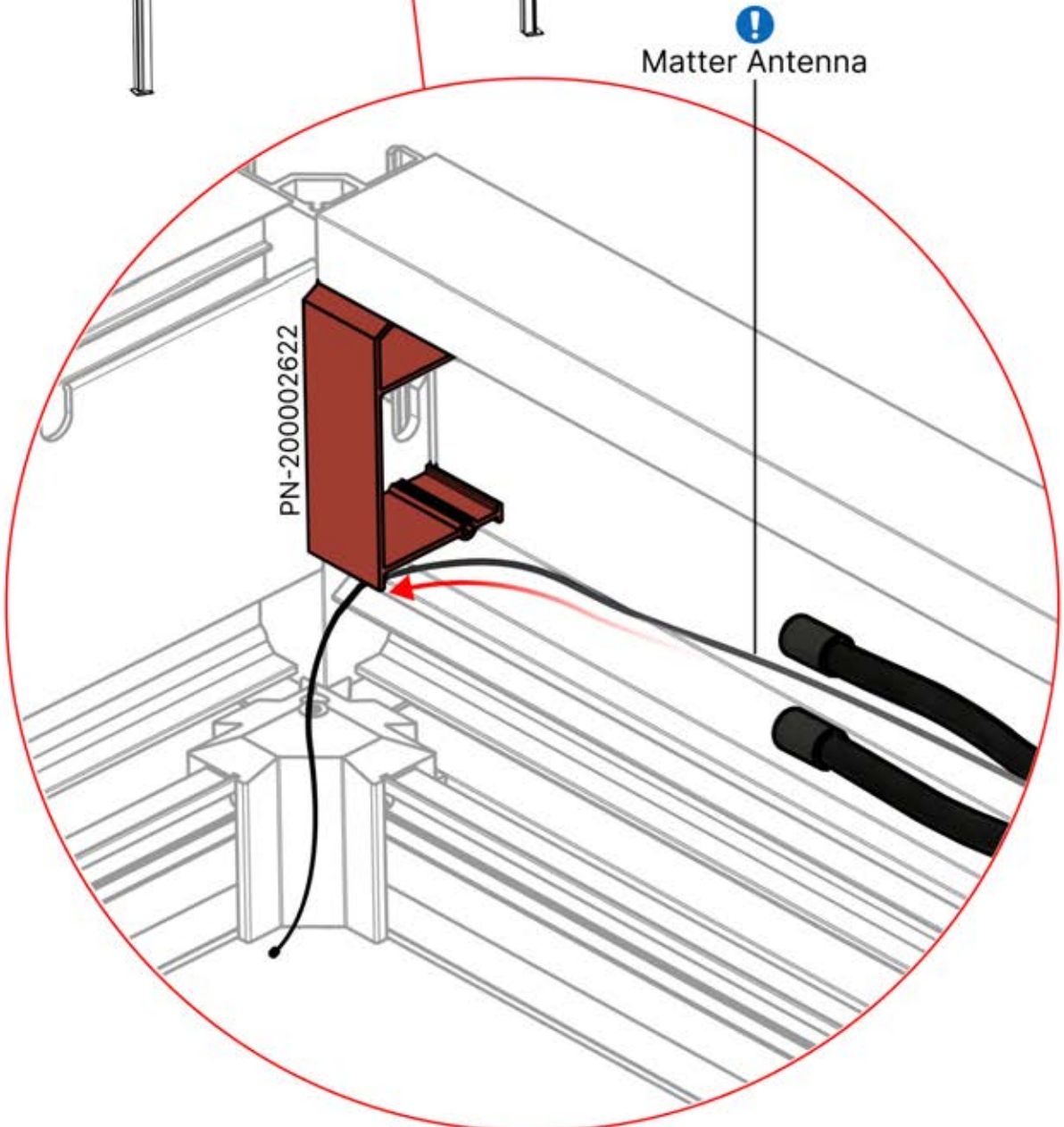
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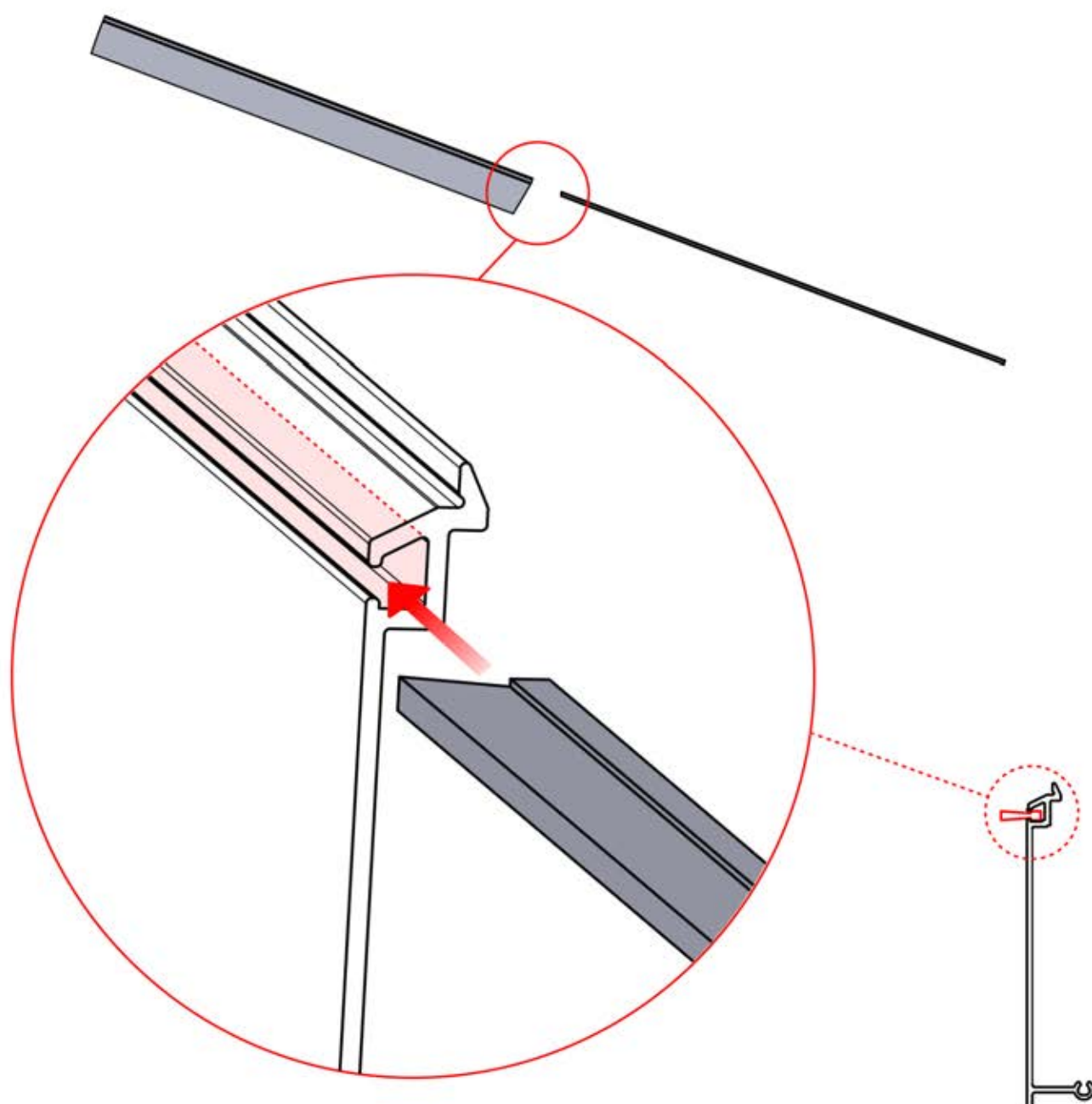
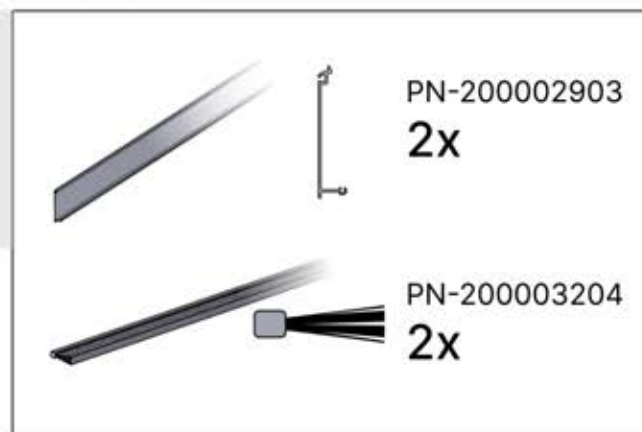
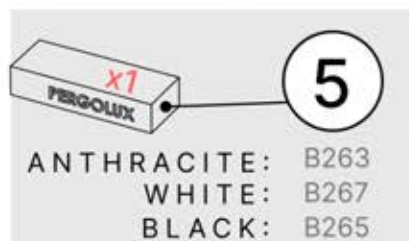
41



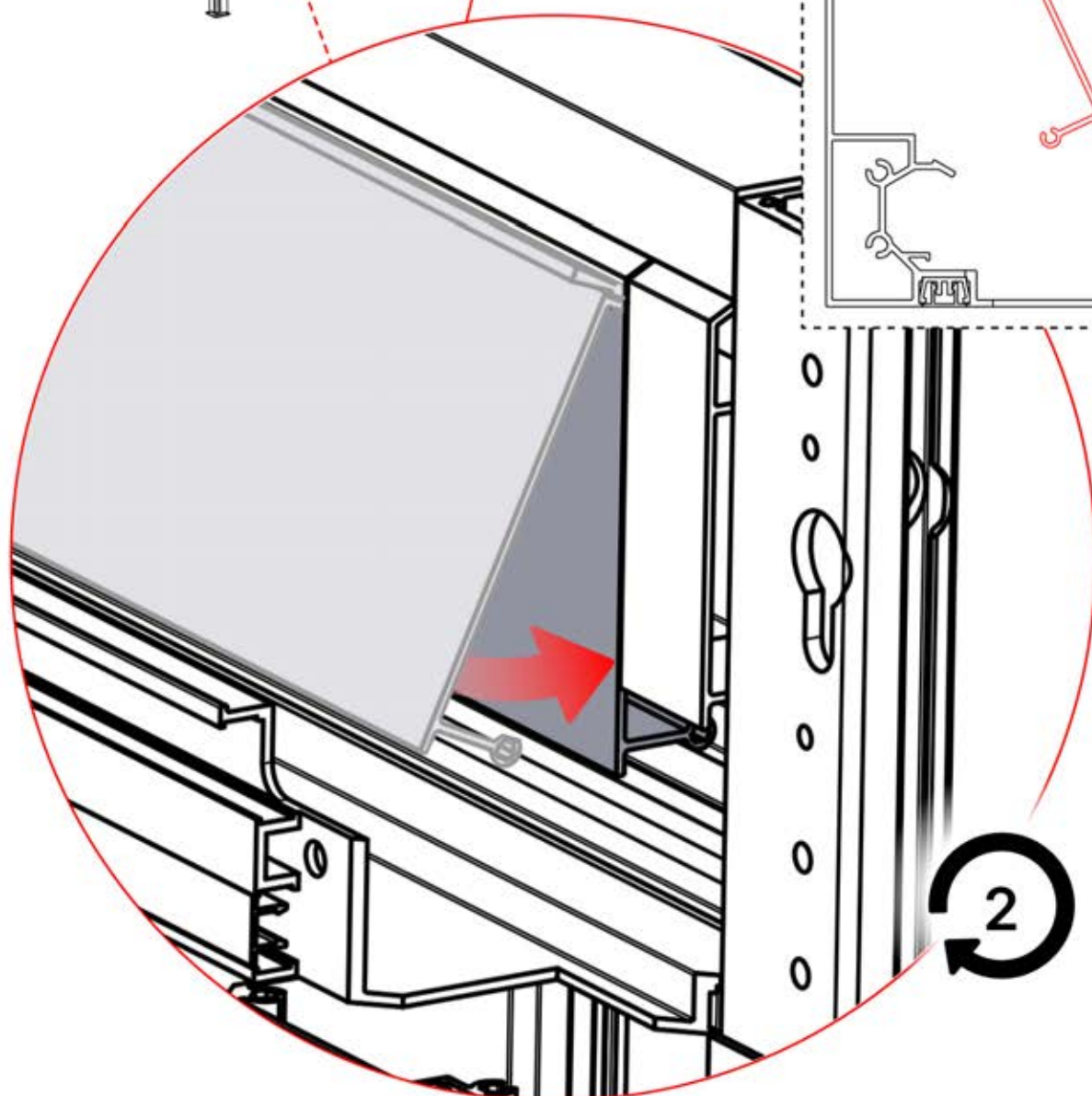
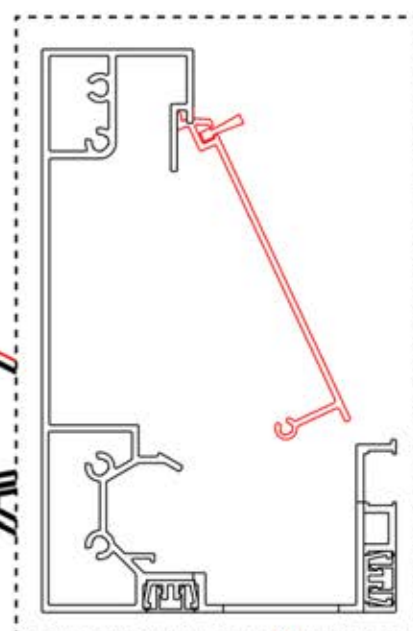
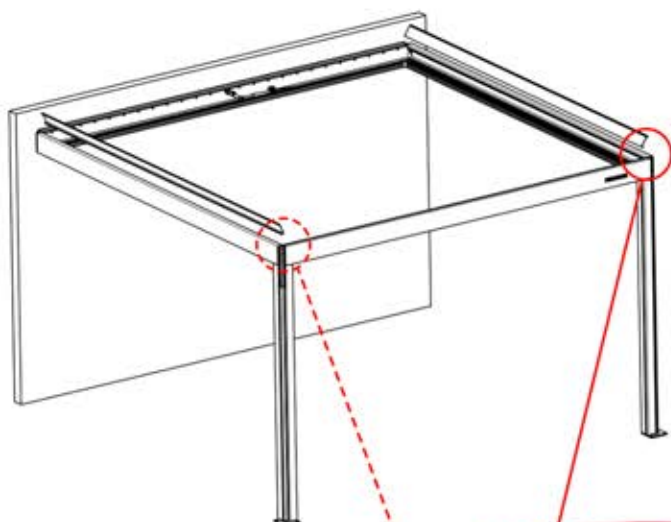
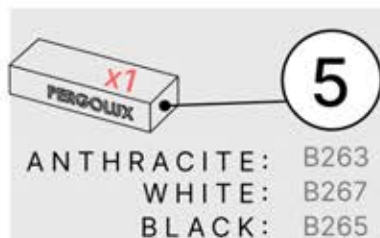

Route the Matter
Antenna and place it
below the highlighted
part(PN-200002622).



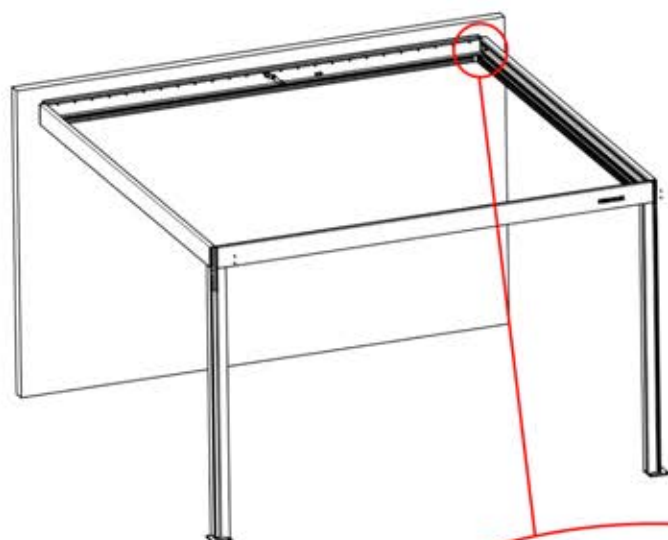
42



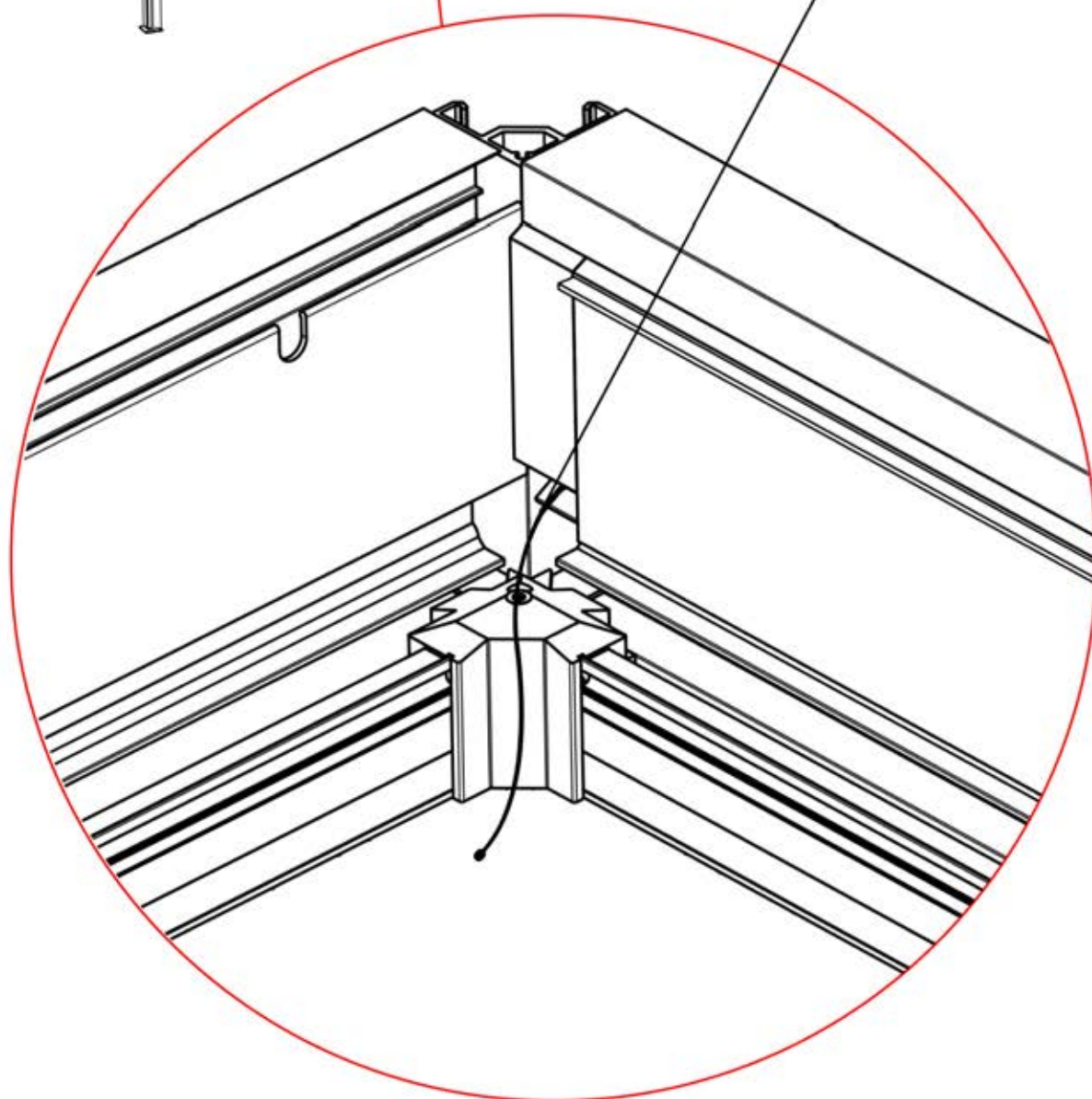
43



INFORMATION



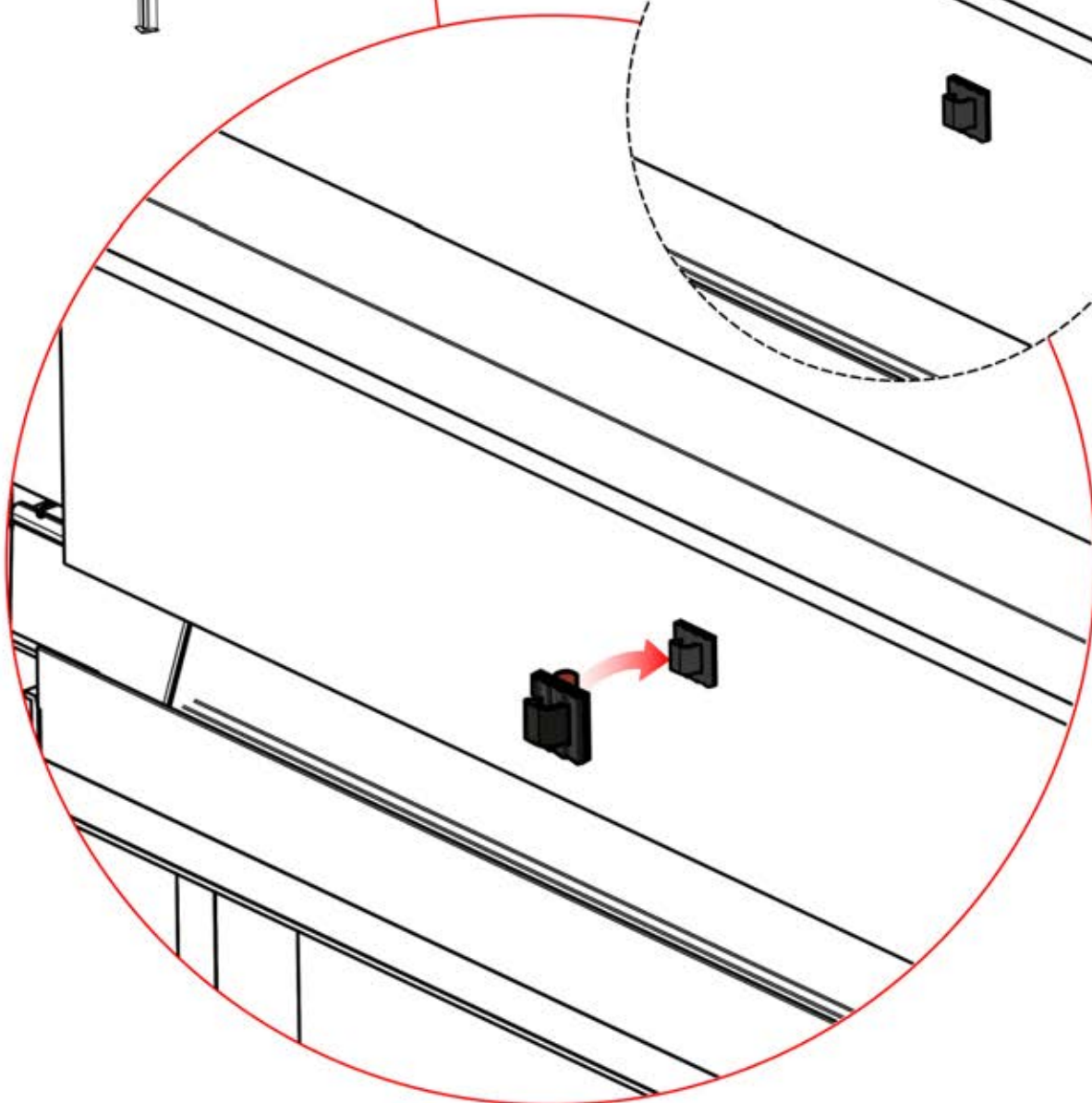
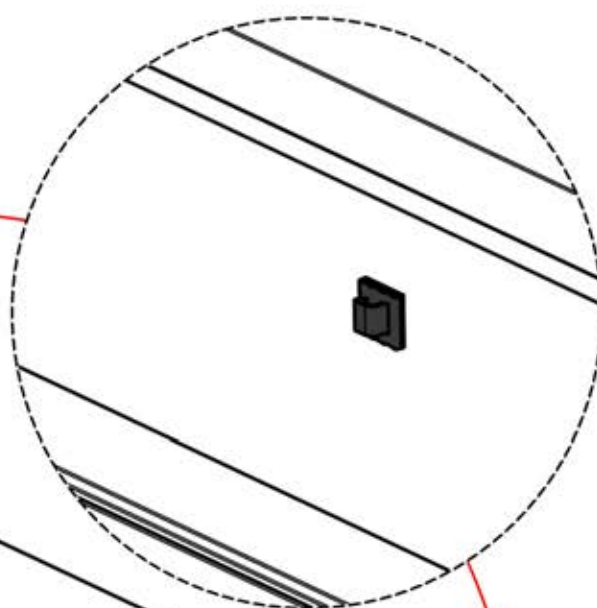
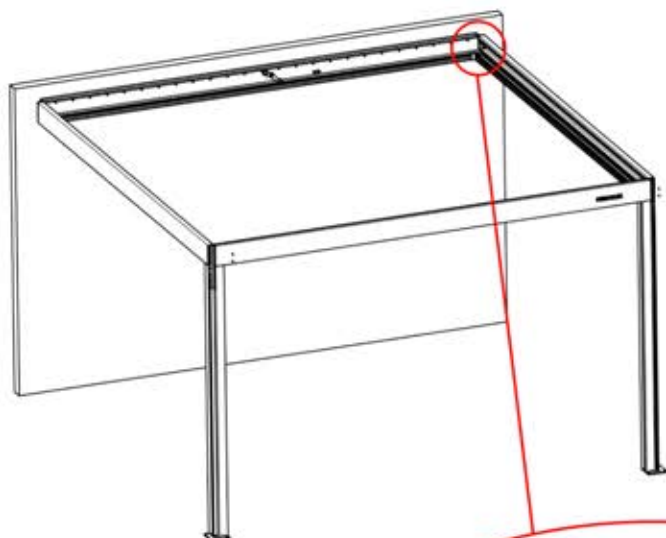
Matter Antenna



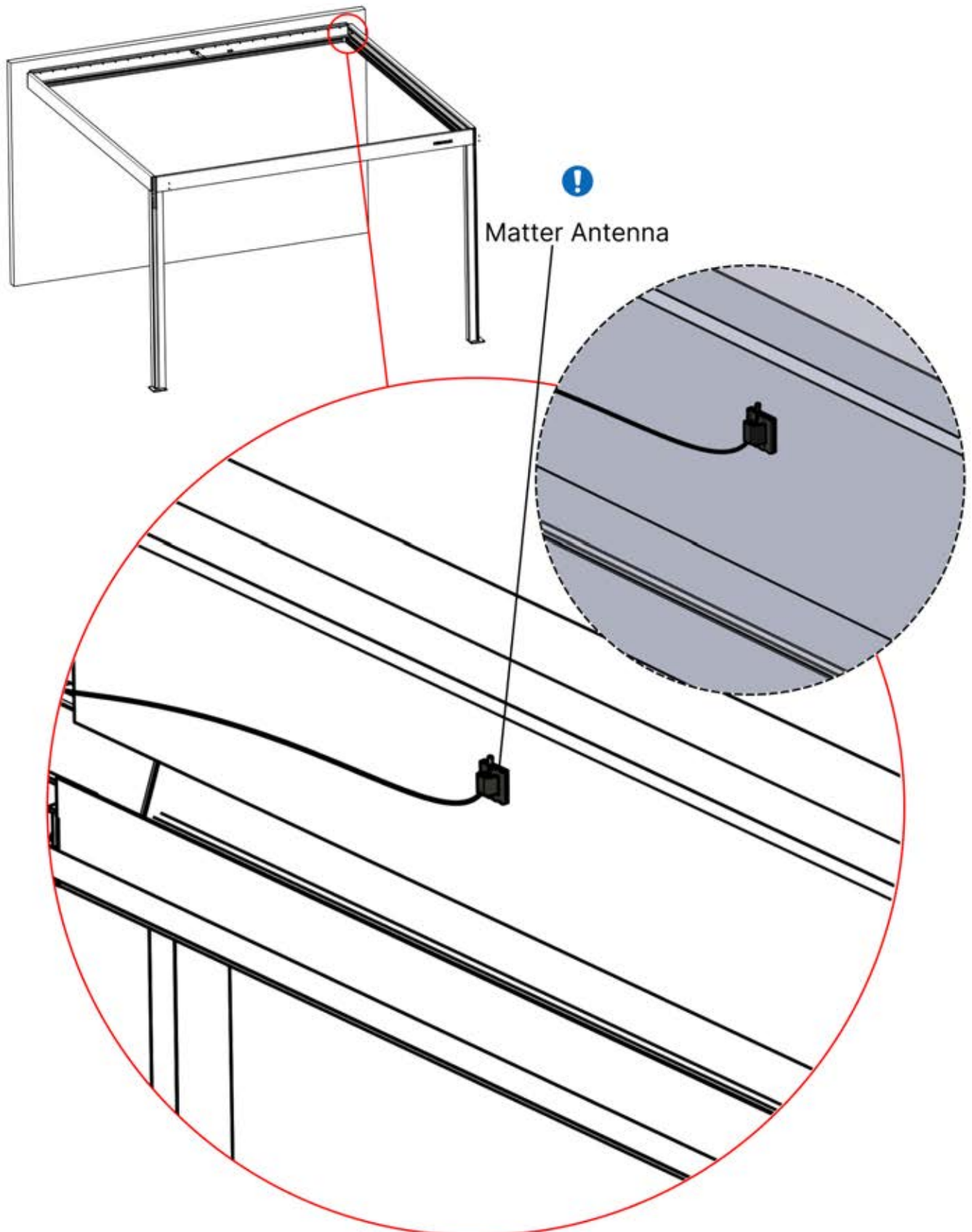
44



Matter Antenna
1x



45

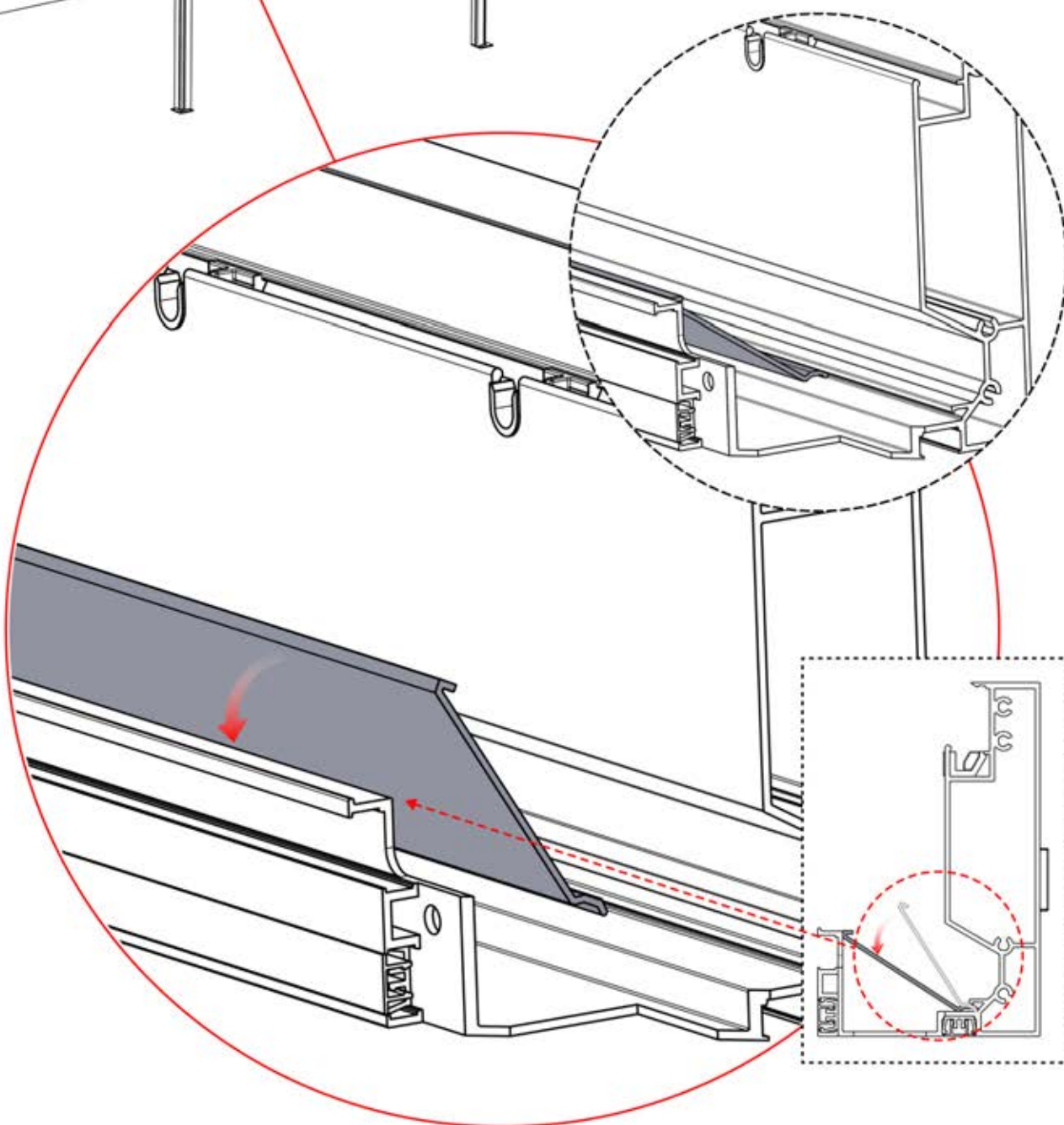
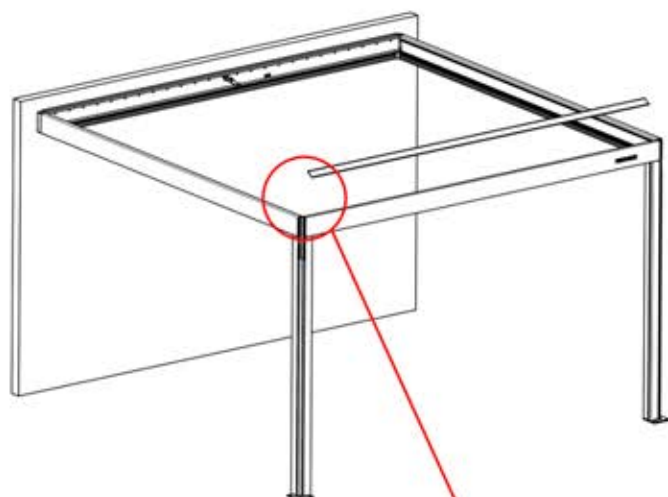
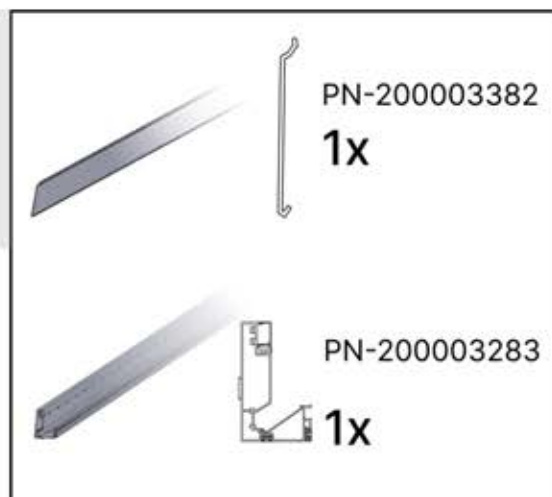


46



4

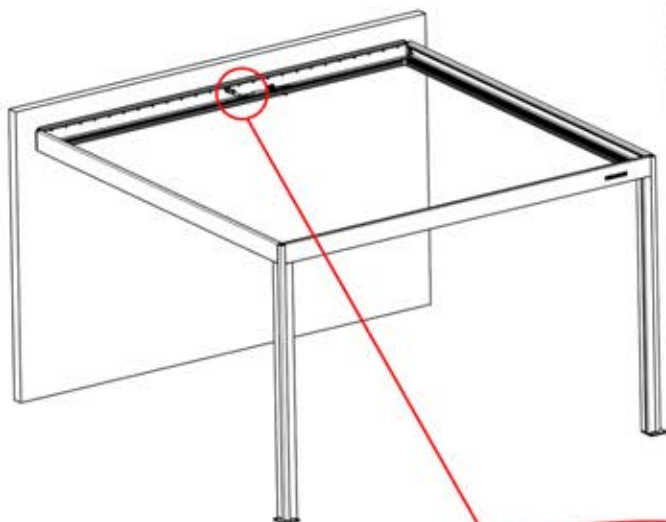
ANTHRACITE: B245
WHITE: B253
BLACK: B249



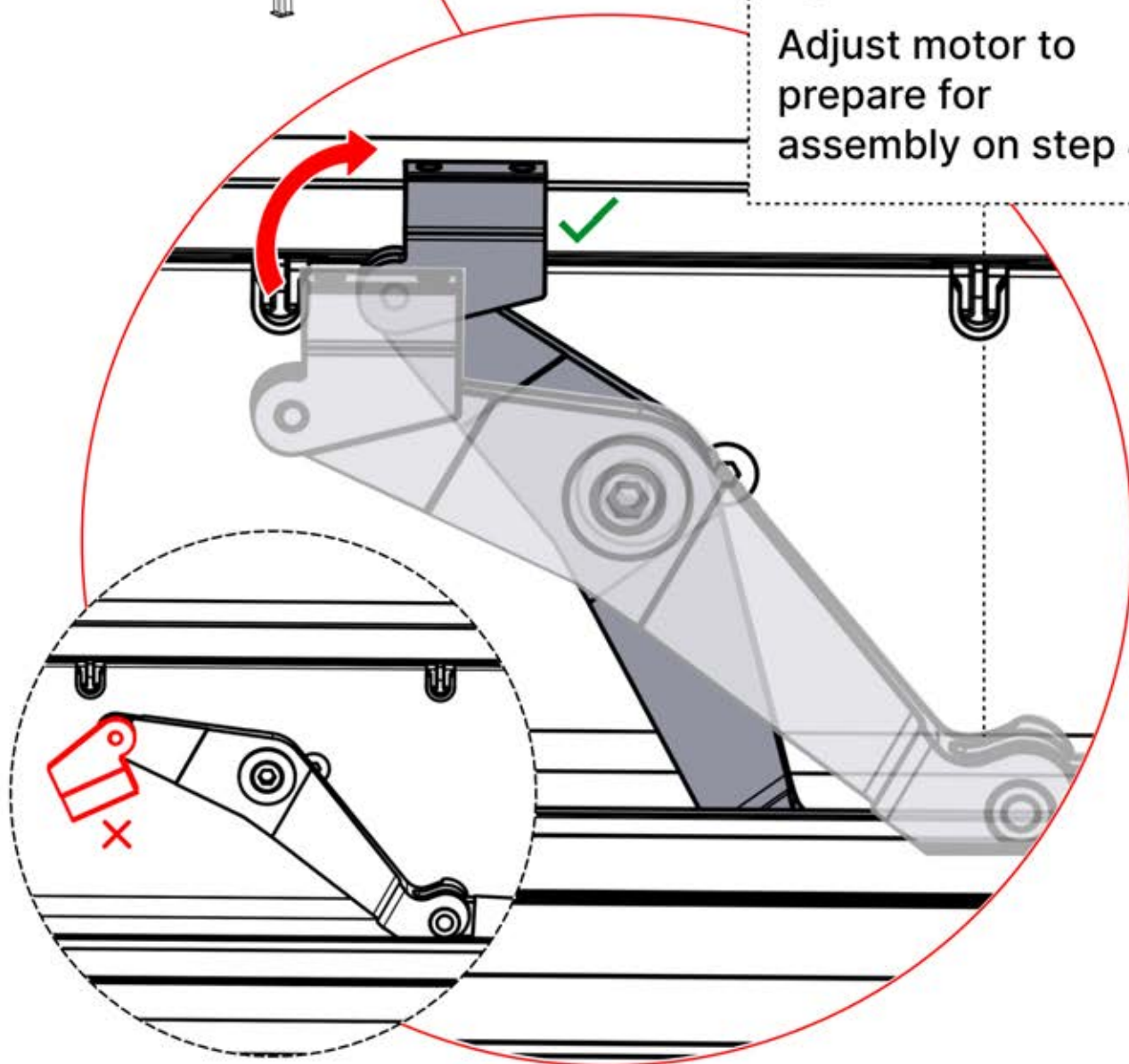
47



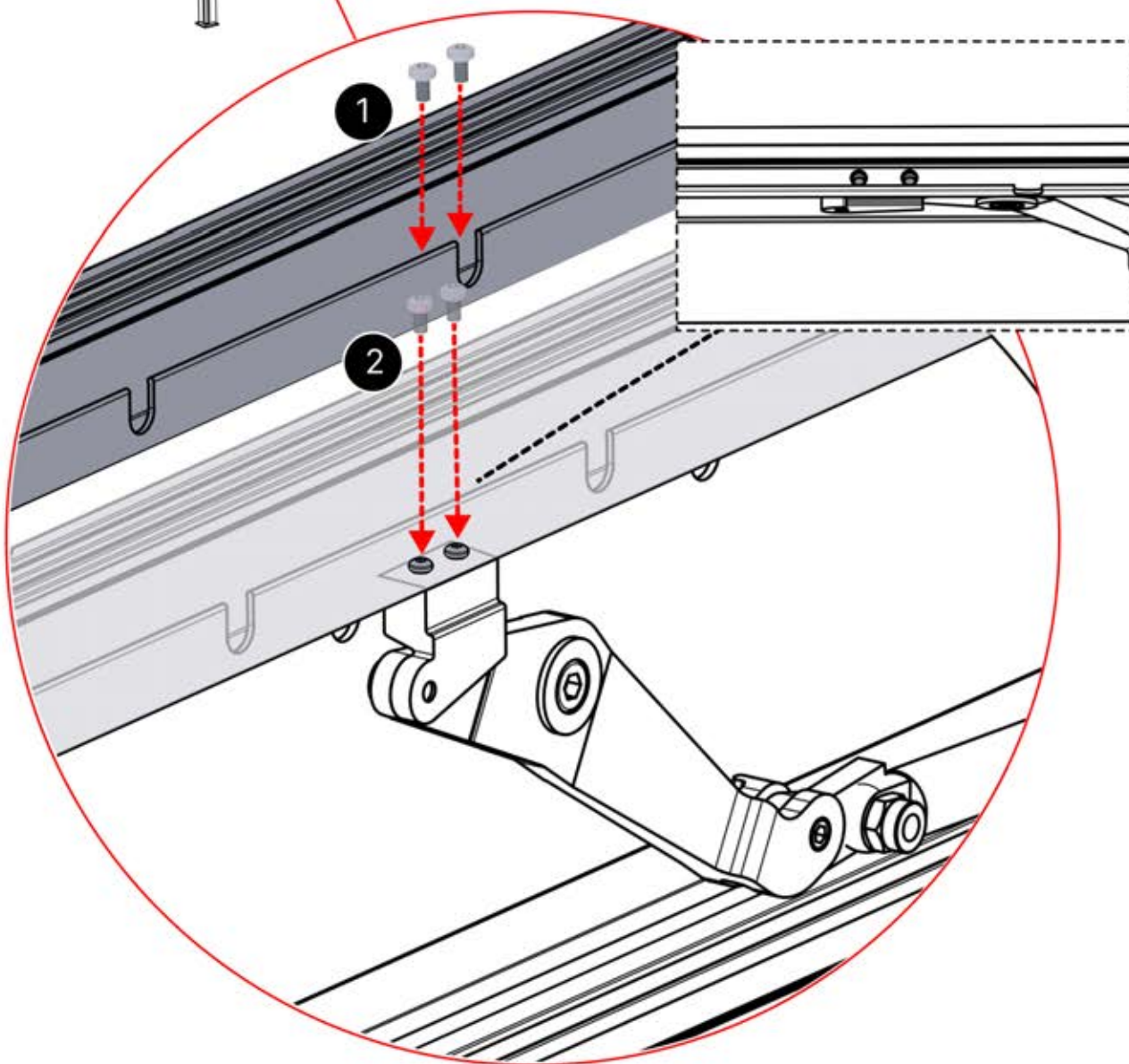
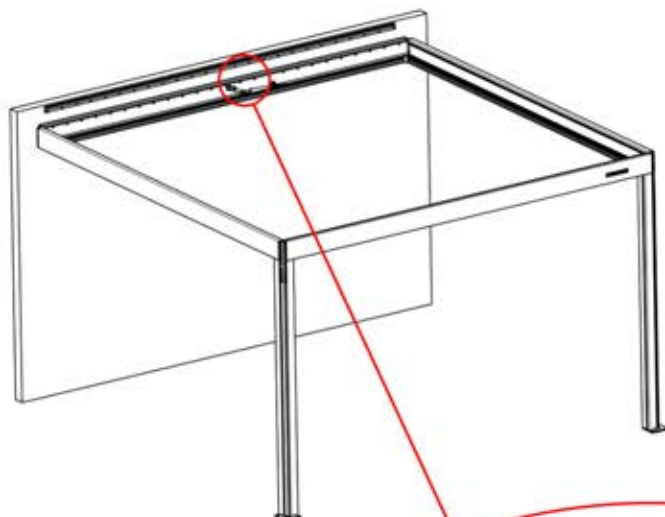
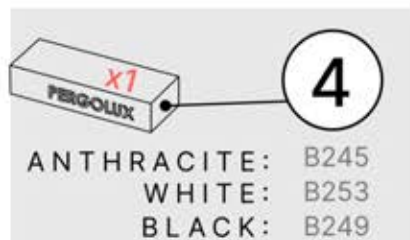
Remote
Controller



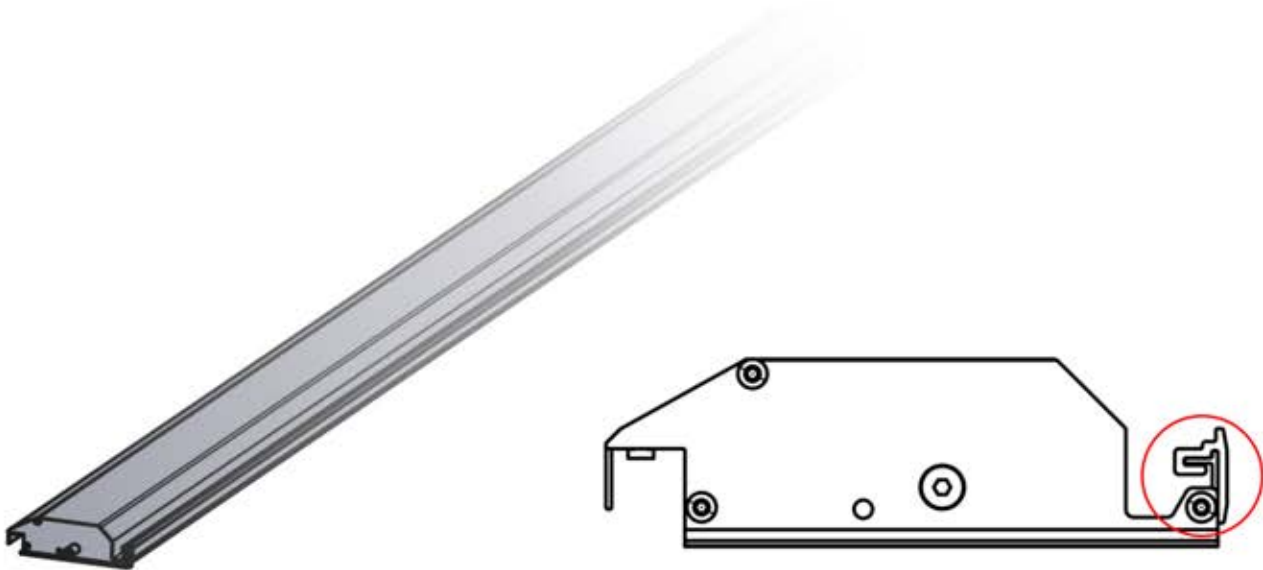
Adjust motor to
prepare for
assembly on step 48



48



ITEMS IN BOX



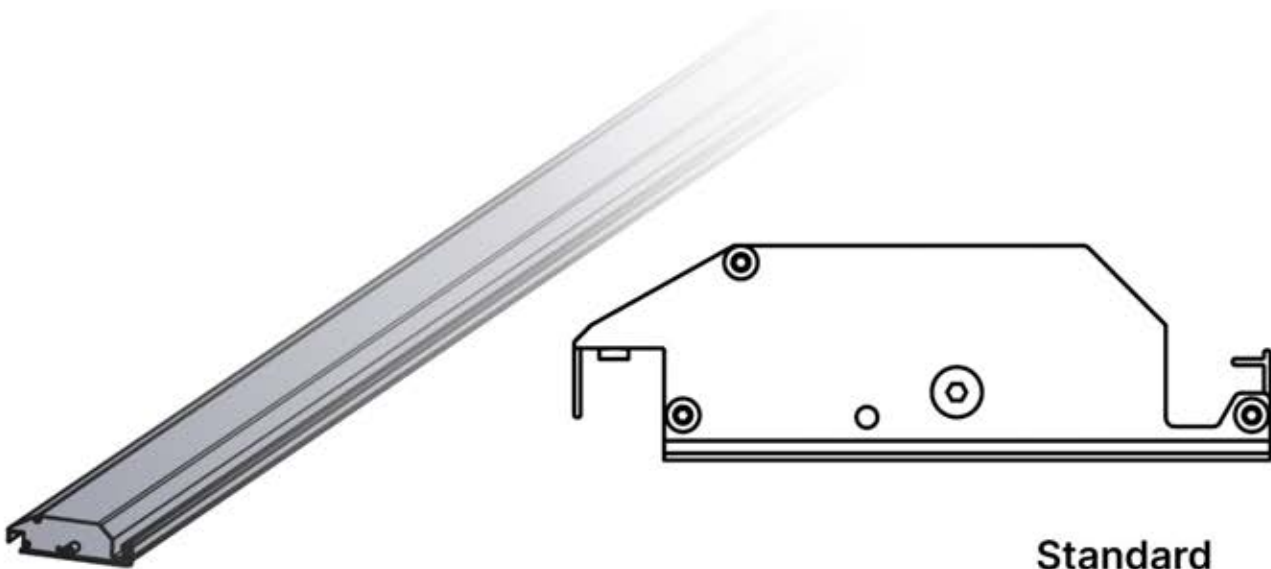


3

ANTHRACITE: L234
WHITE: L238
BLACK: L236

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

1x



Standard



2

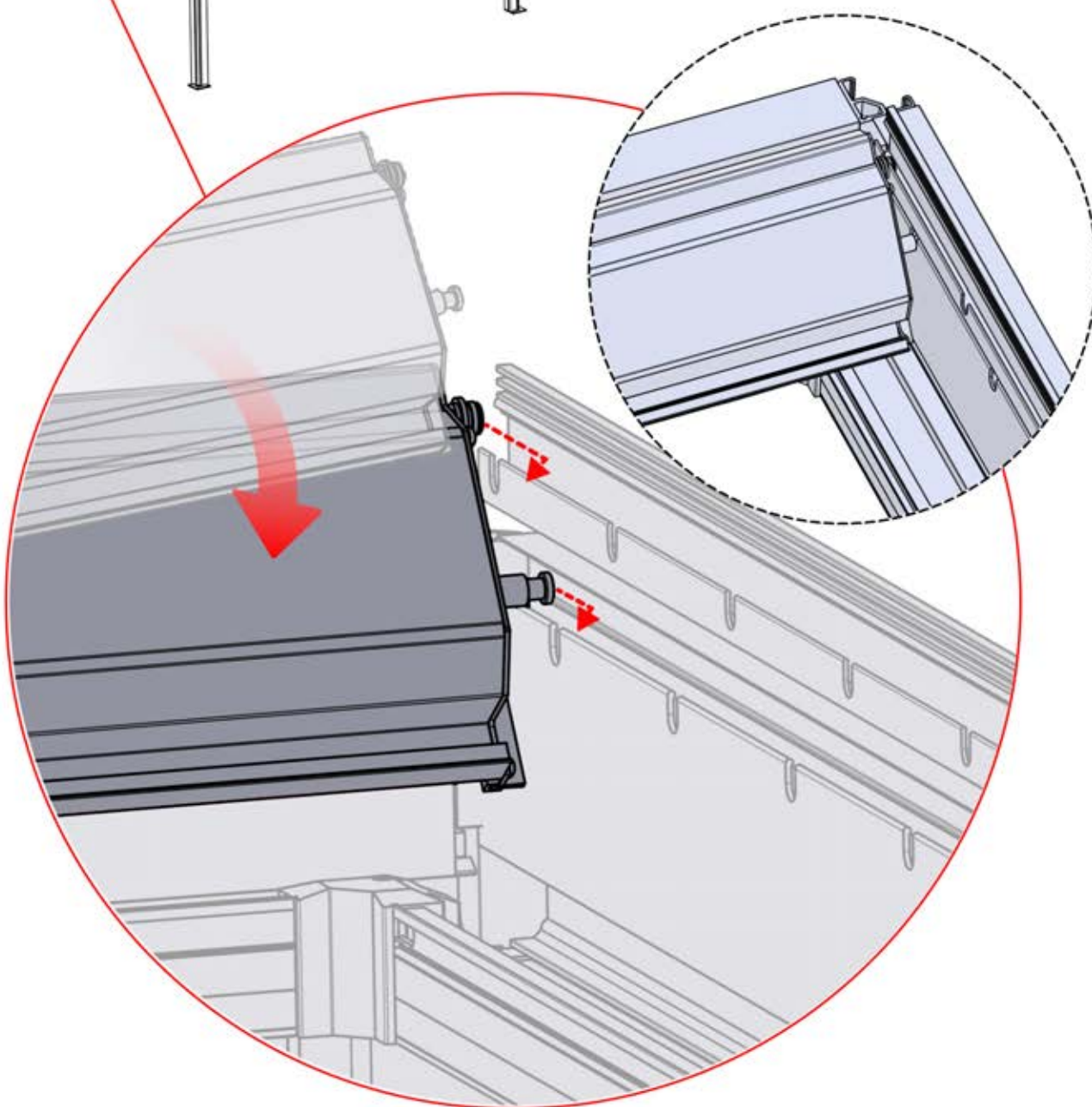
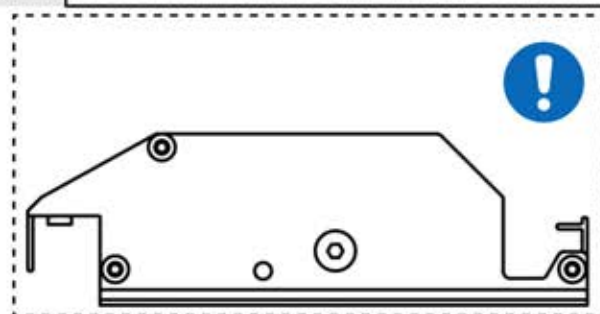
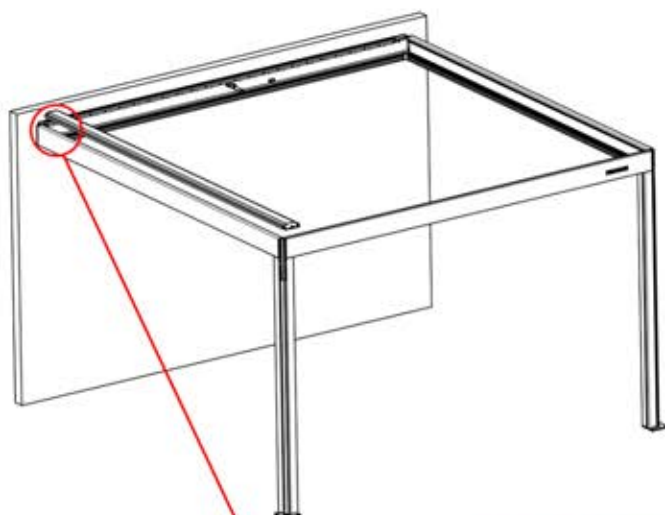
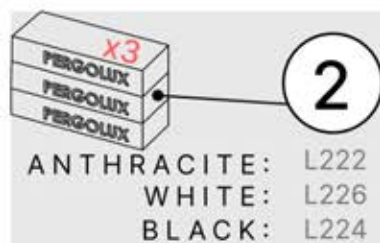
ANTHRACITE: L222
WHITE: L226
BLACK: L224

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

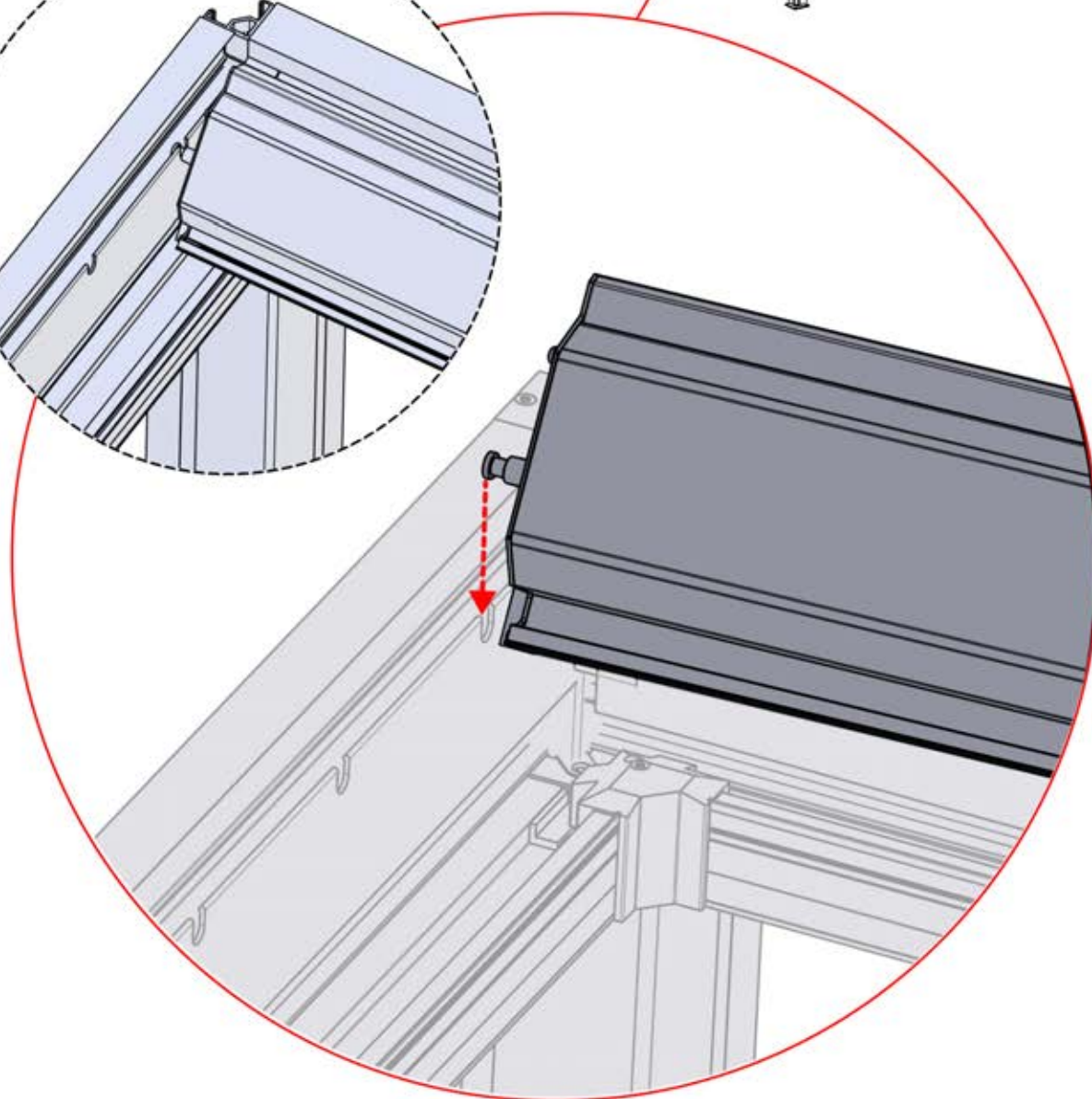
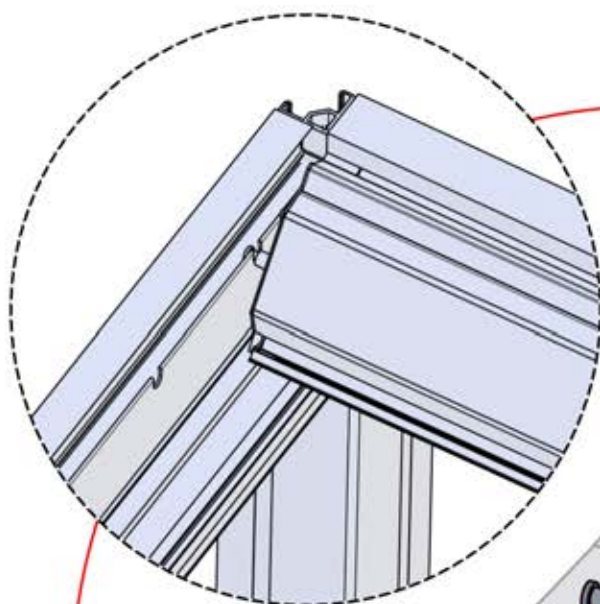
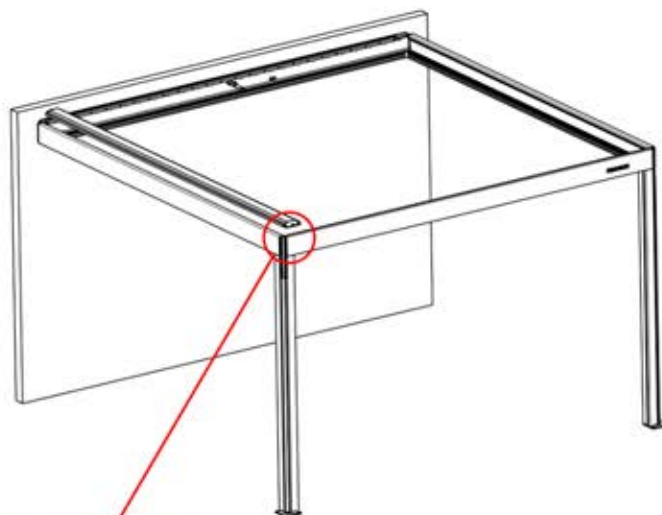
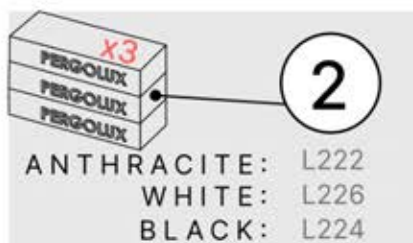


Variable

49



50

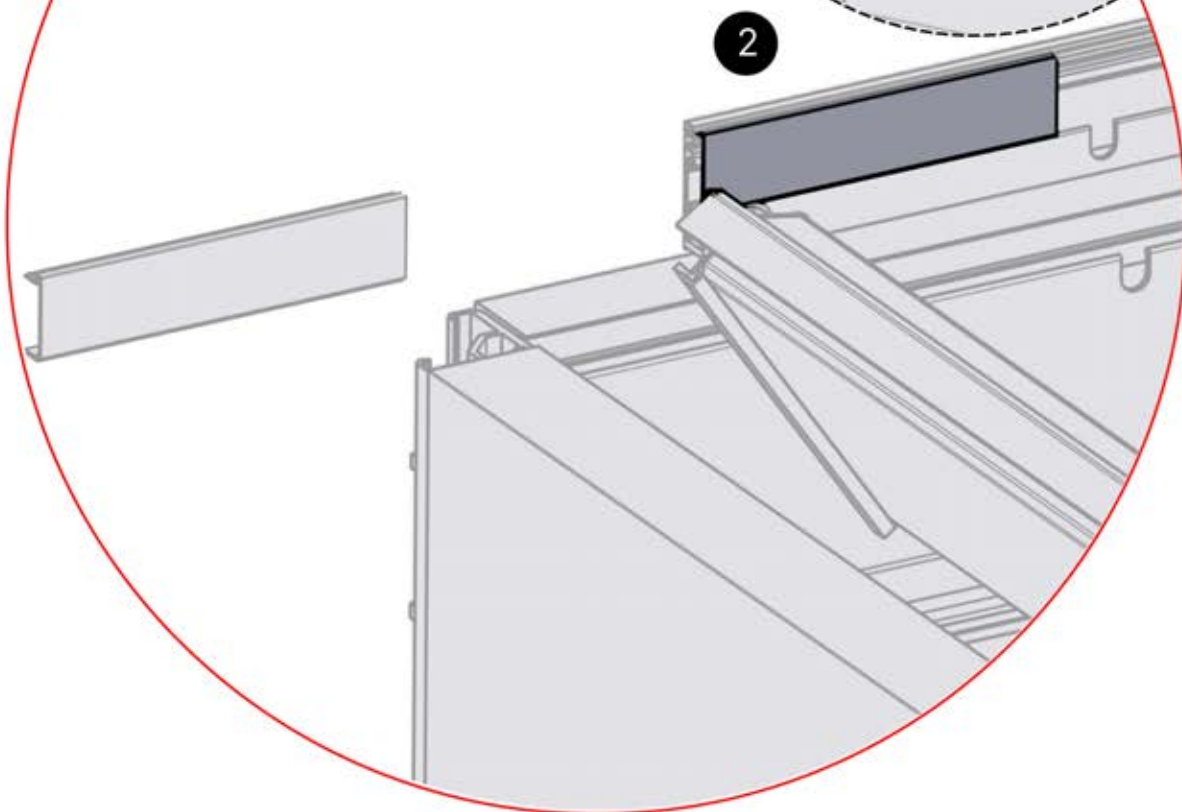
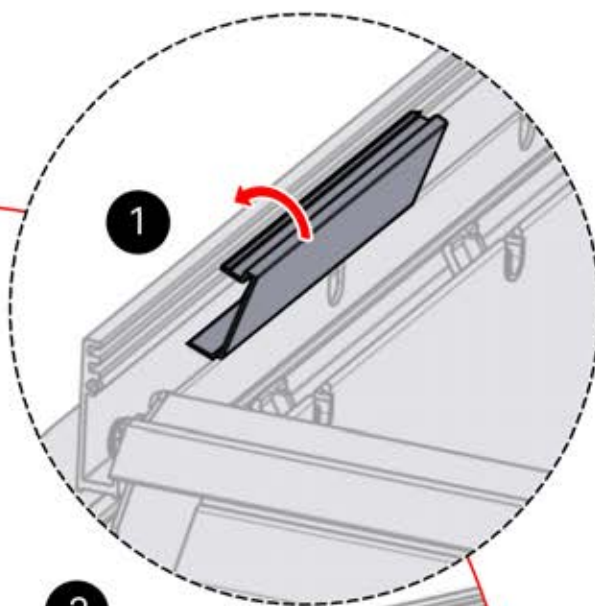
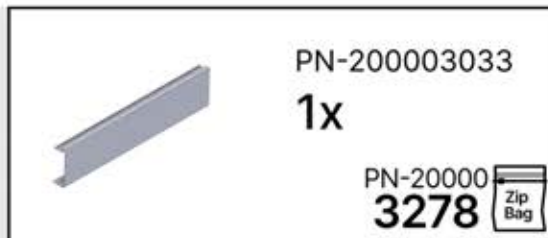


51

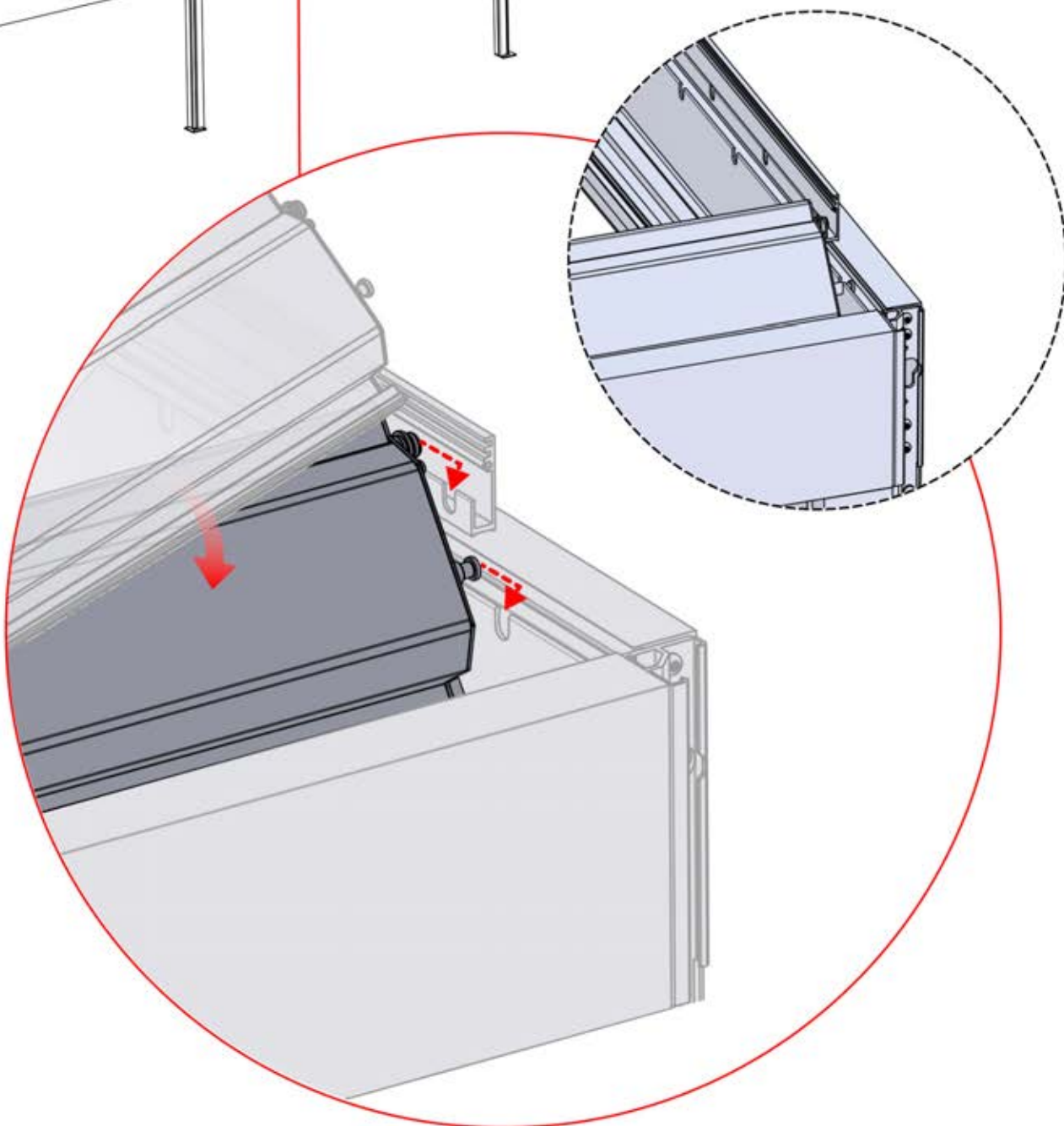
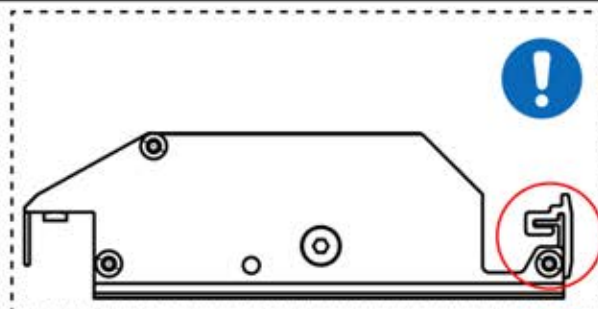
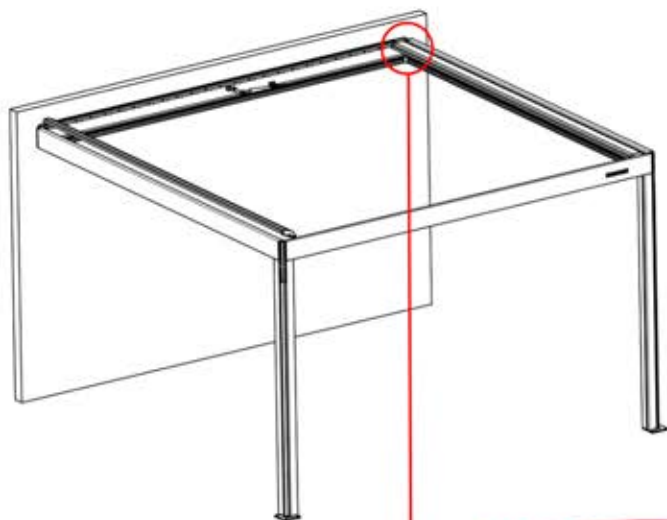
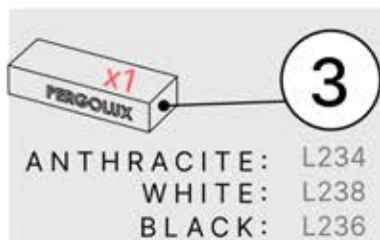


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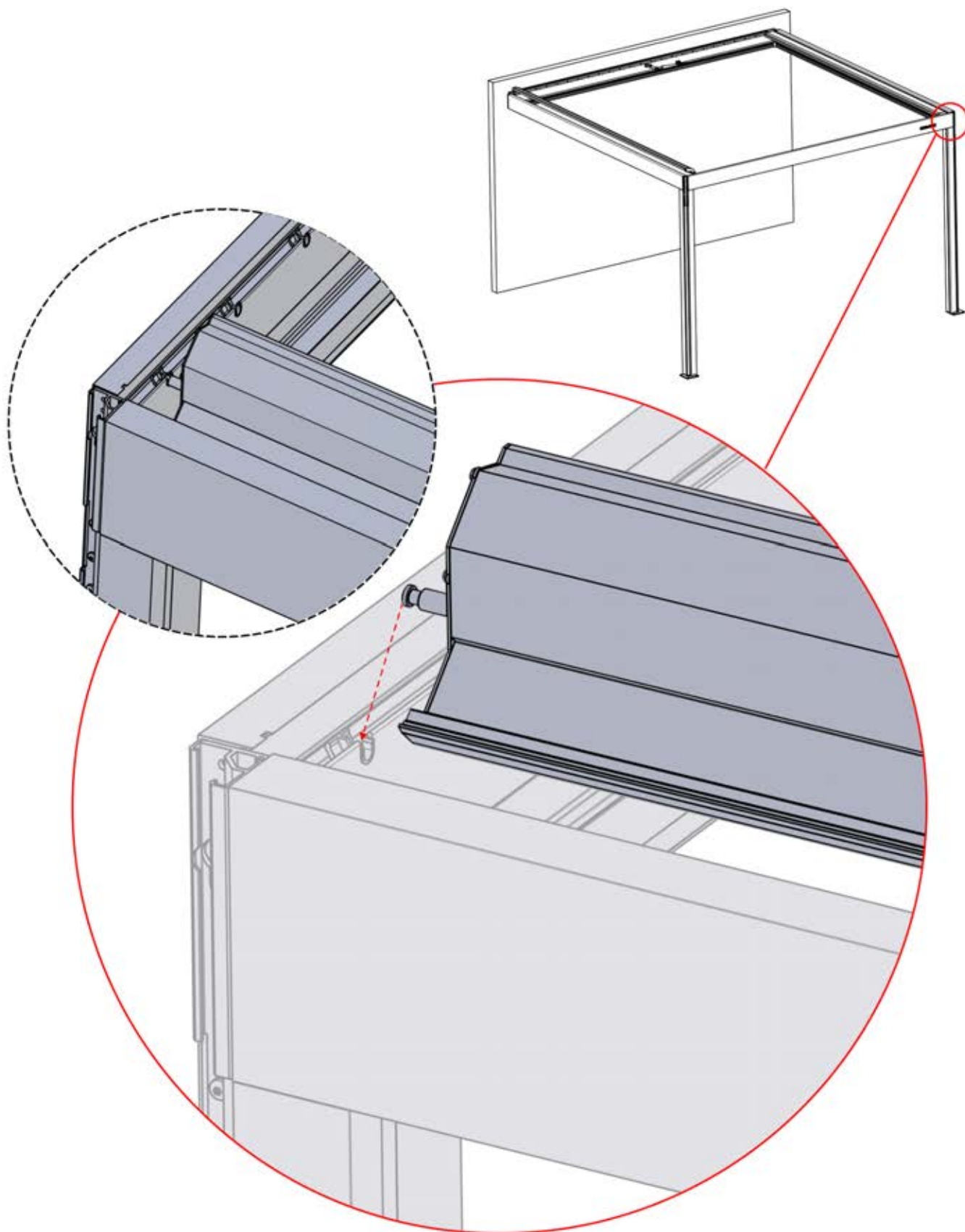
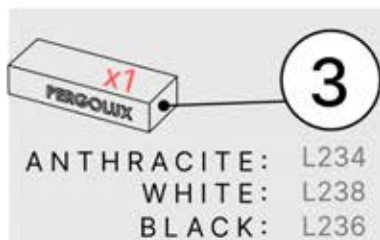
ANTHRACITE: B245
WHITE: B253
BLACK: B249



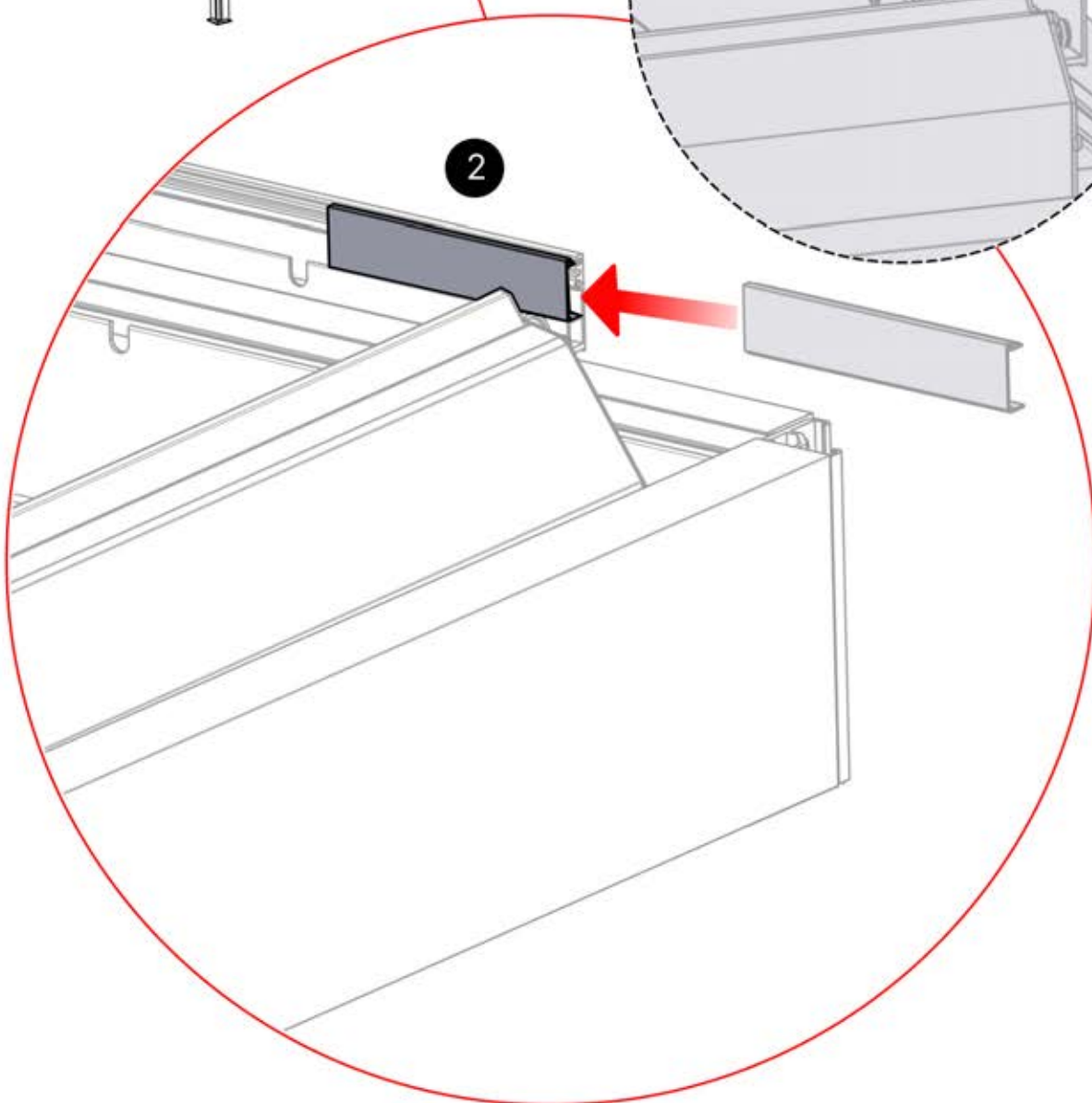
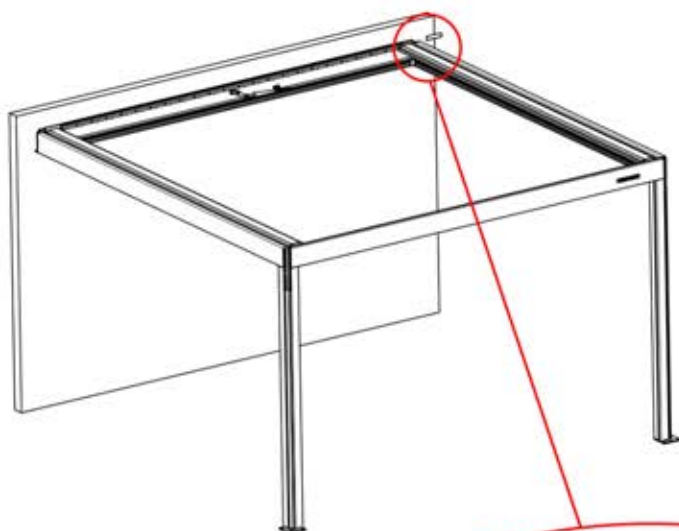
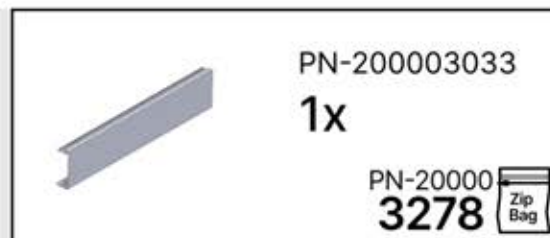
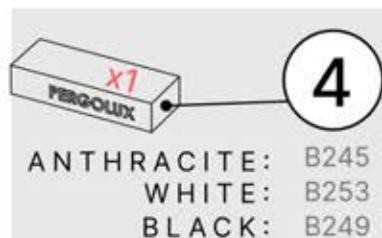
52



53



54



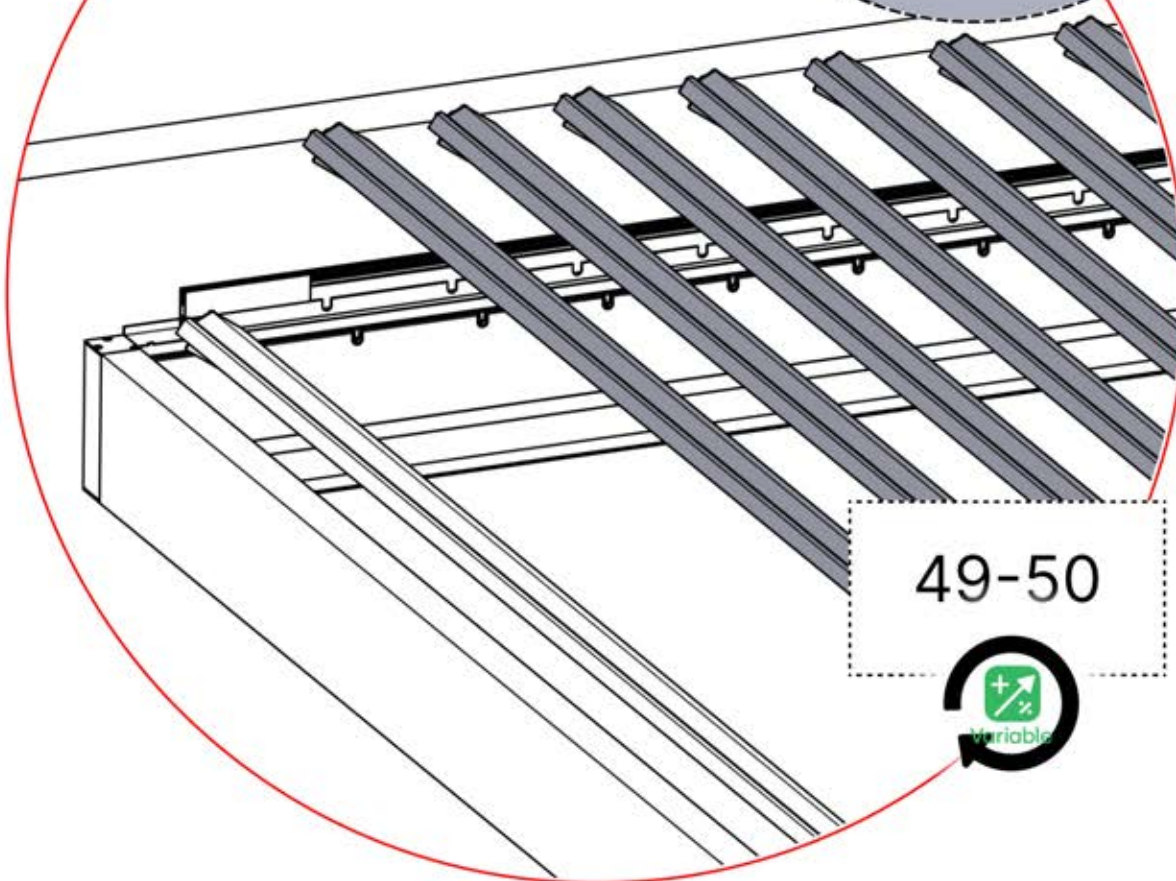
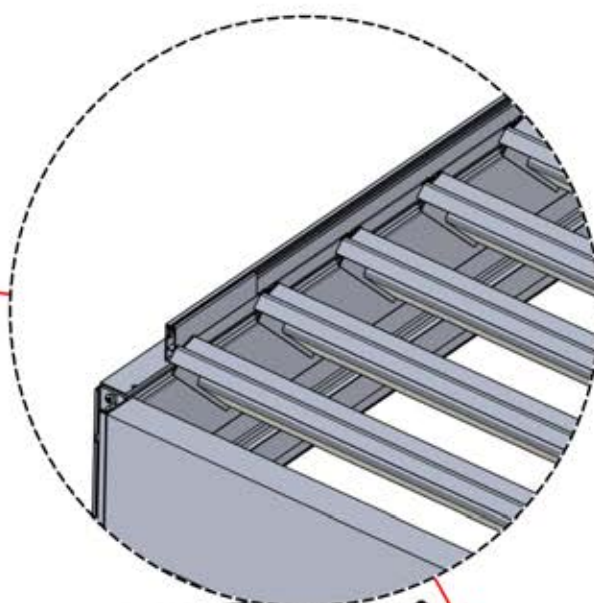
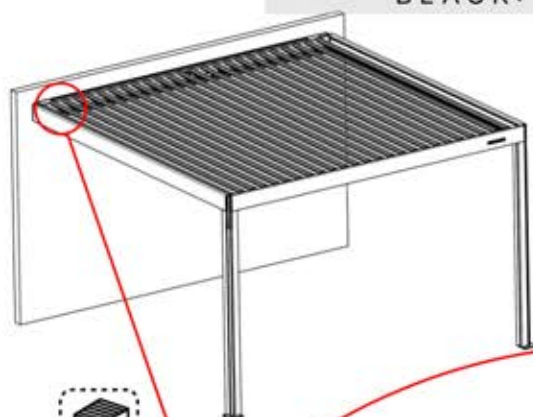
55



ANTHRACITE: L234
WHITE: L238
BLACK: L236



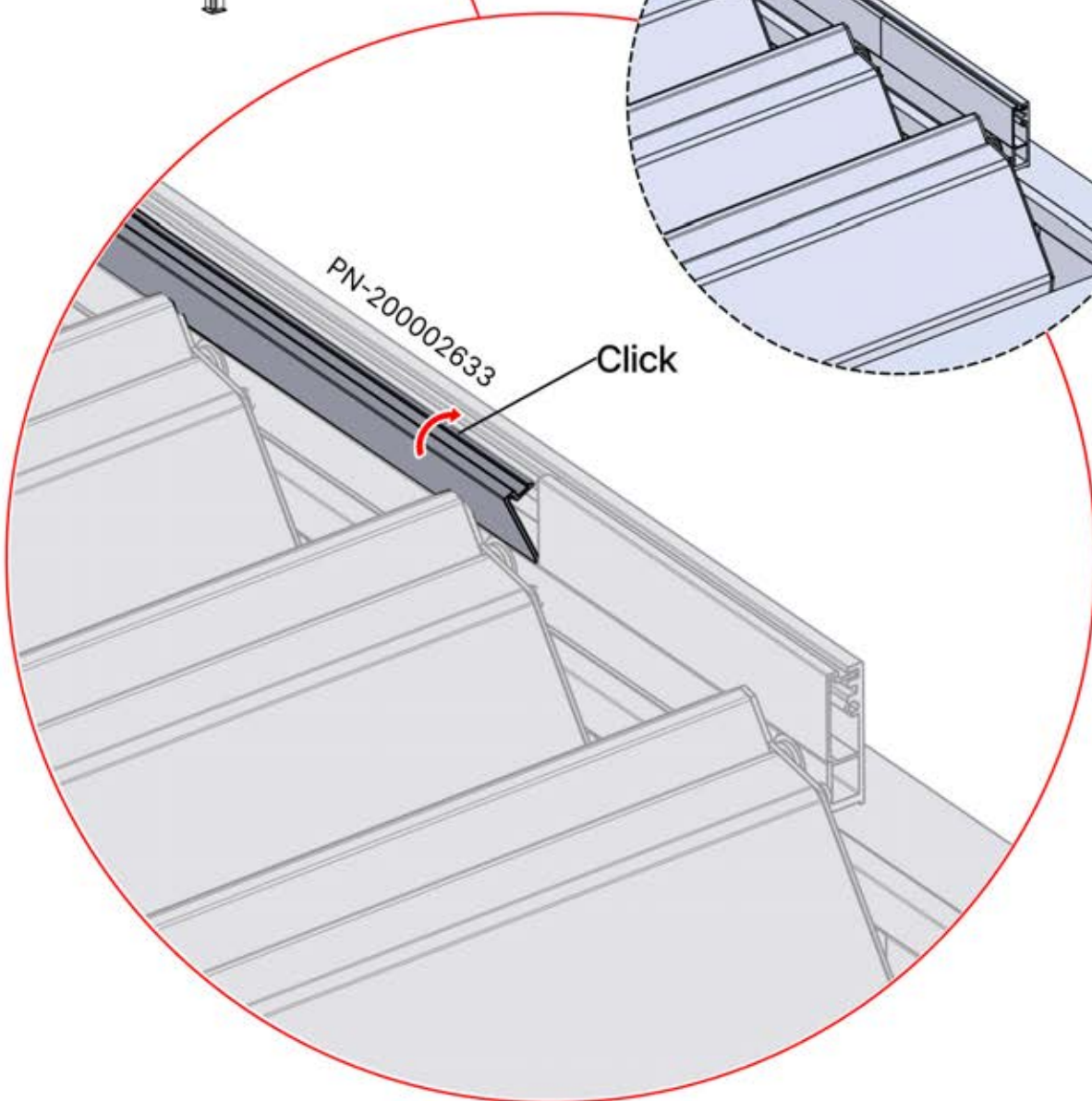
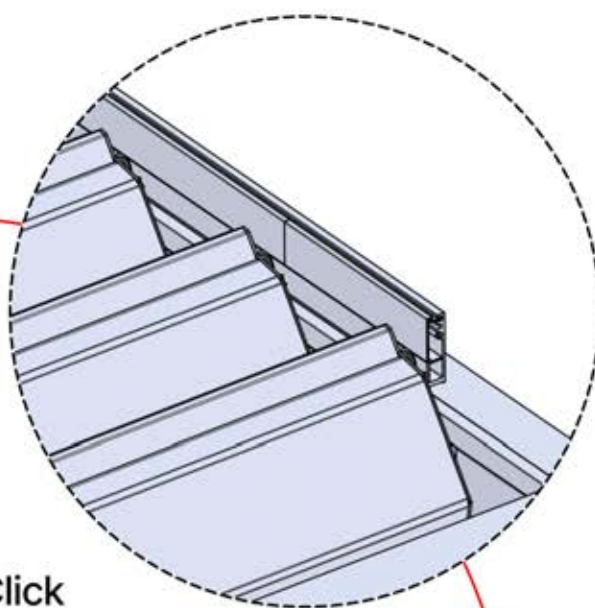
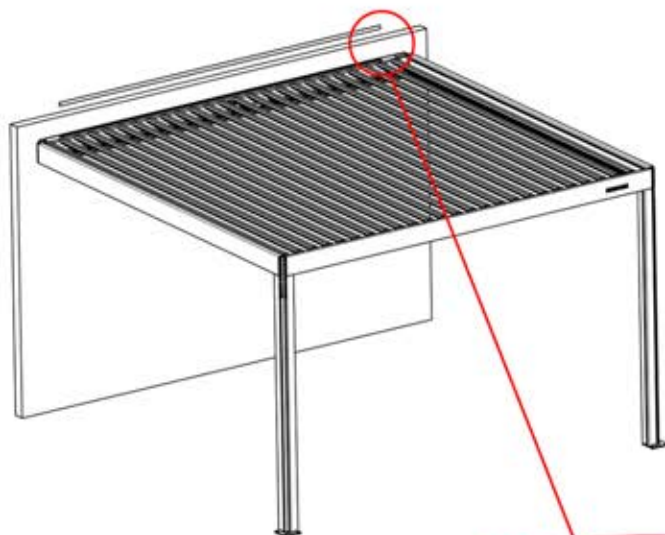
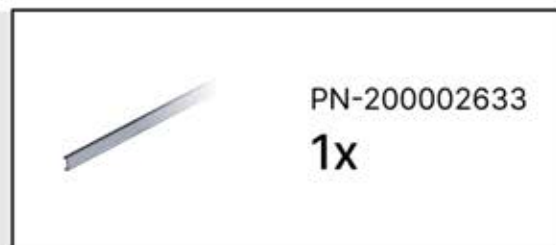
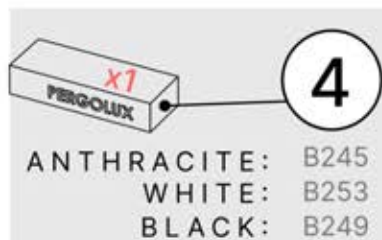
ANTHRACITE: L222
WHITE: L226
BLACK: L224



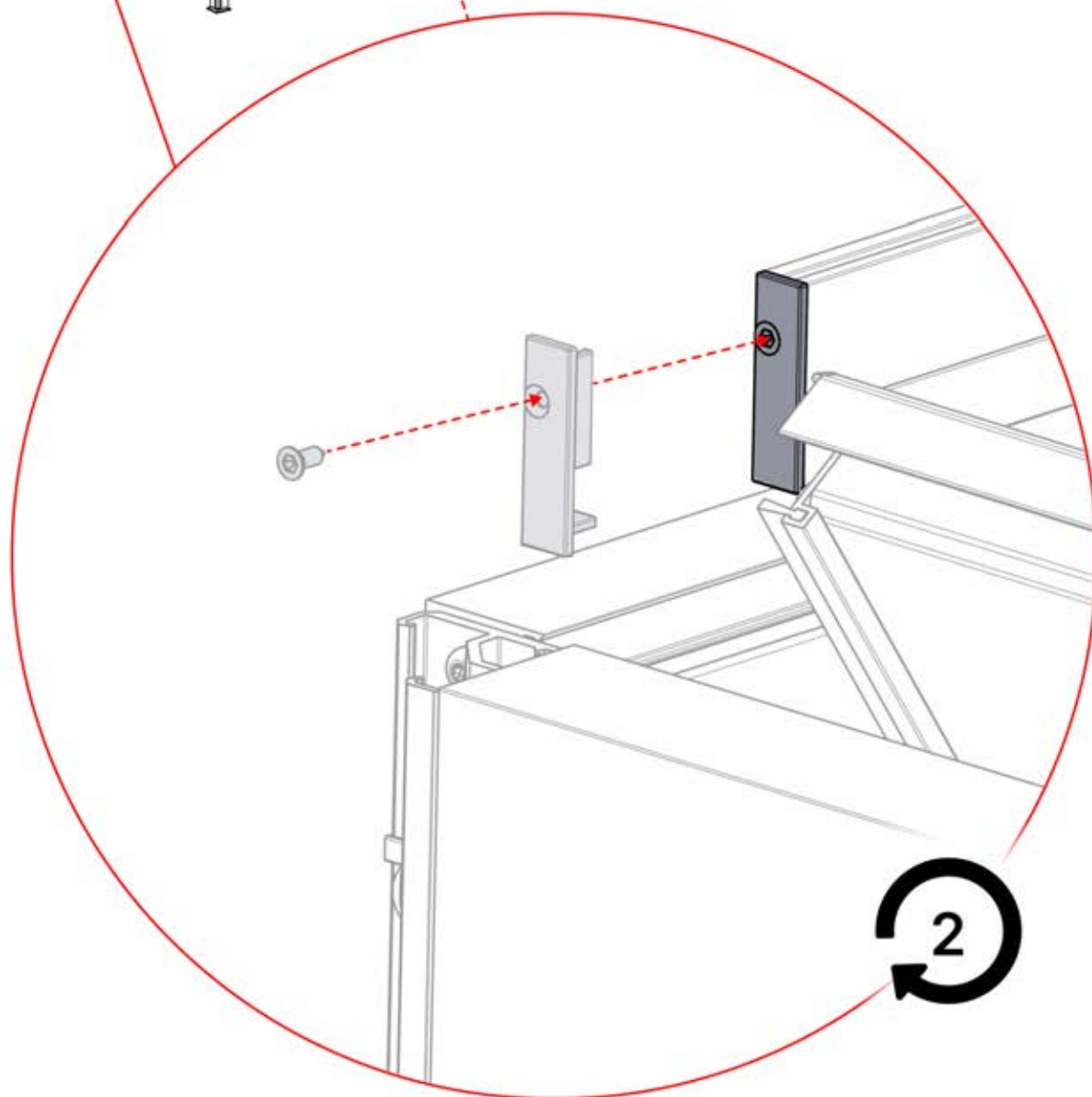
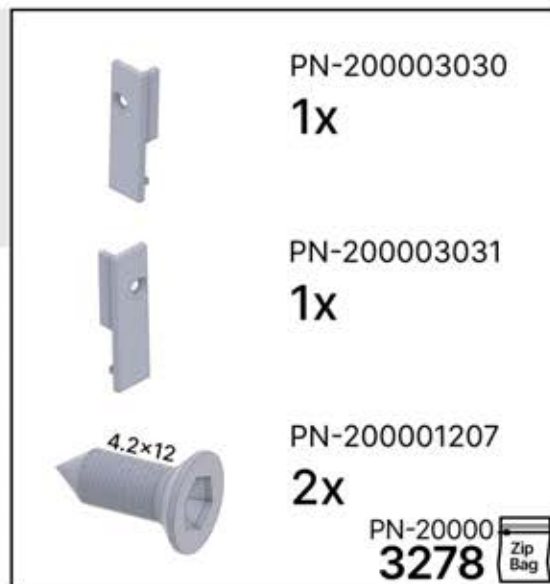
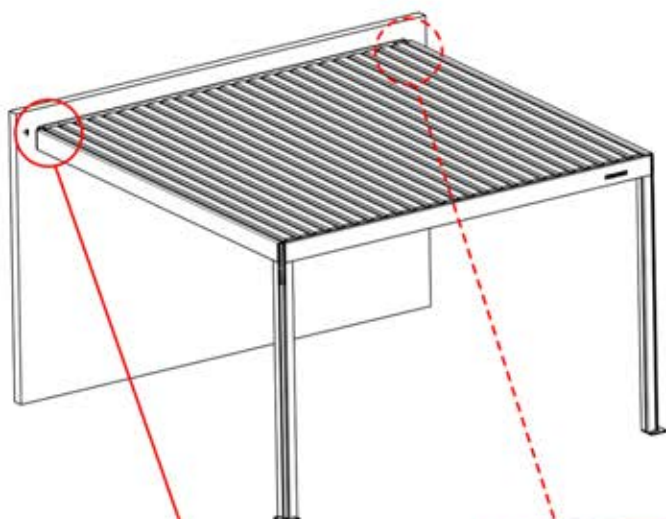
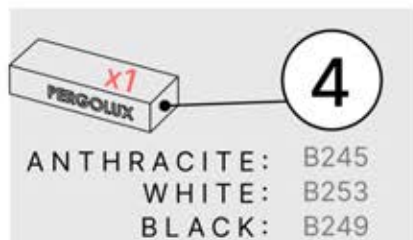
49-50



56



57

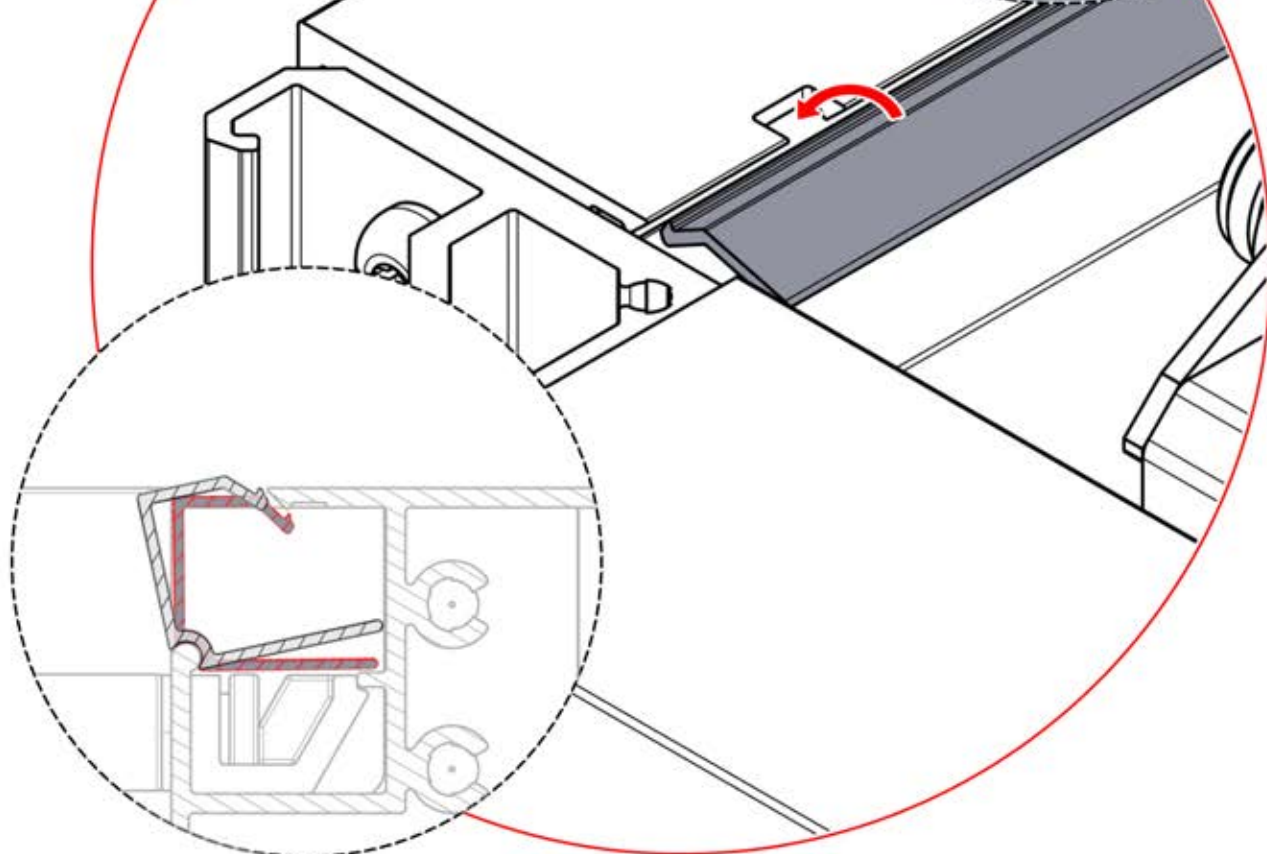
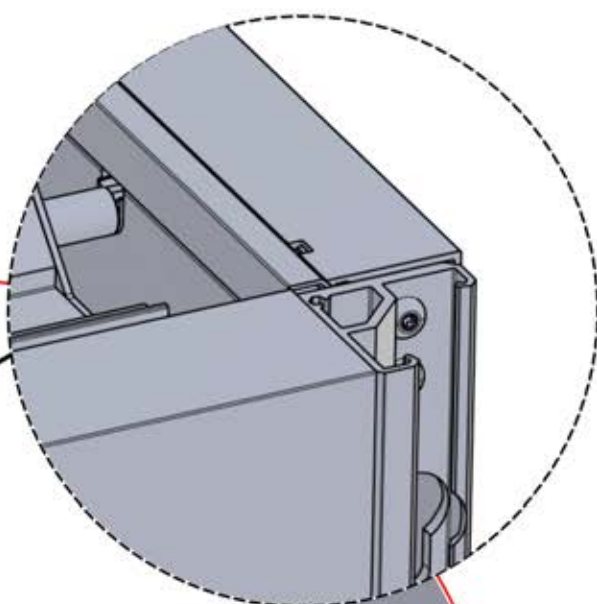
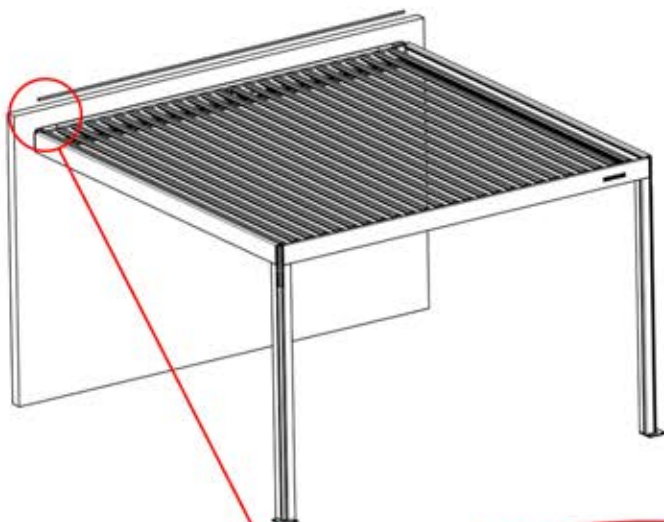
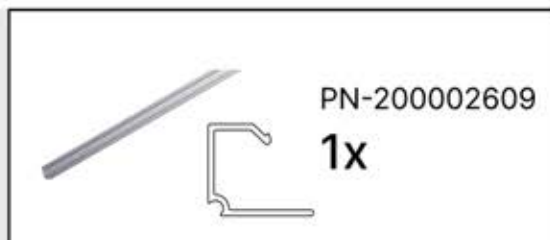


58



4

ANTHRACITE: B245
WHITE: B253
BLACK: B249

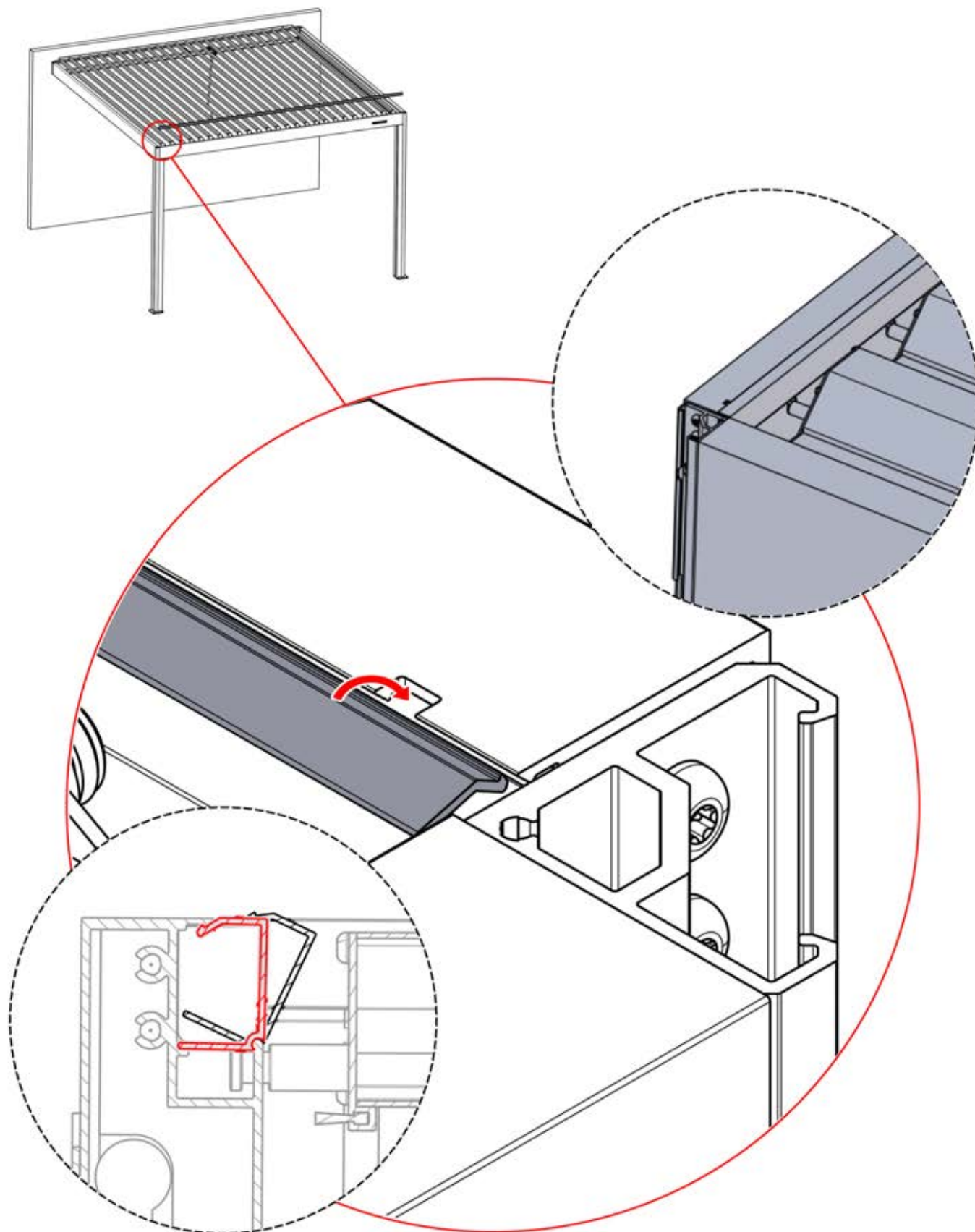
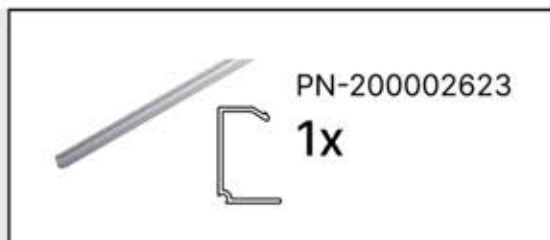


59



4

ANTHRACITE: B245
WHITE: B253
BLACK: B249



60



4

ANTHRACITE: B245
WHITE: B253
BLACK: B249



1

ANTHRACITE: C120
WHITE: C122
BLACK: C121

PN-200003386

2x

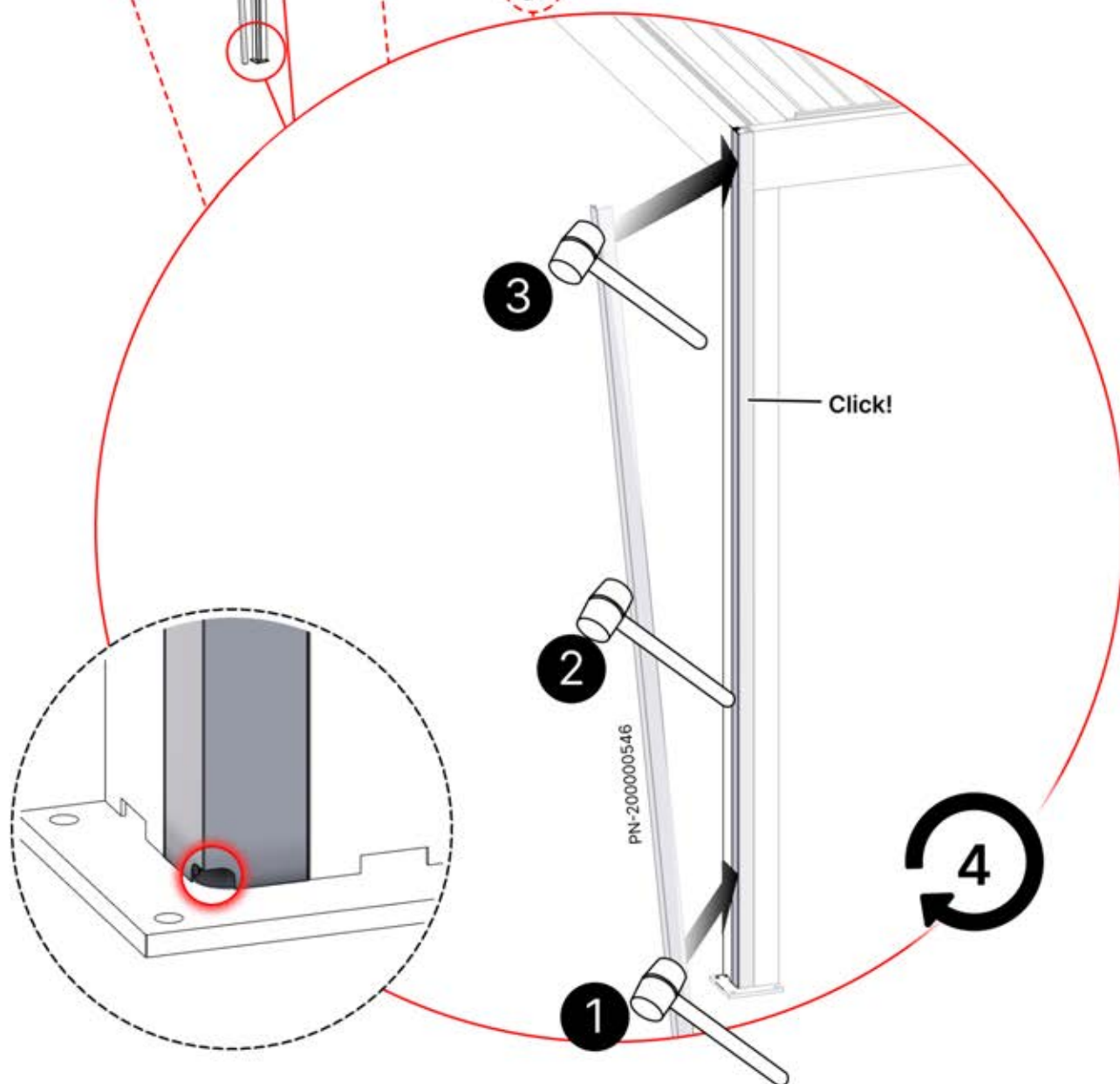
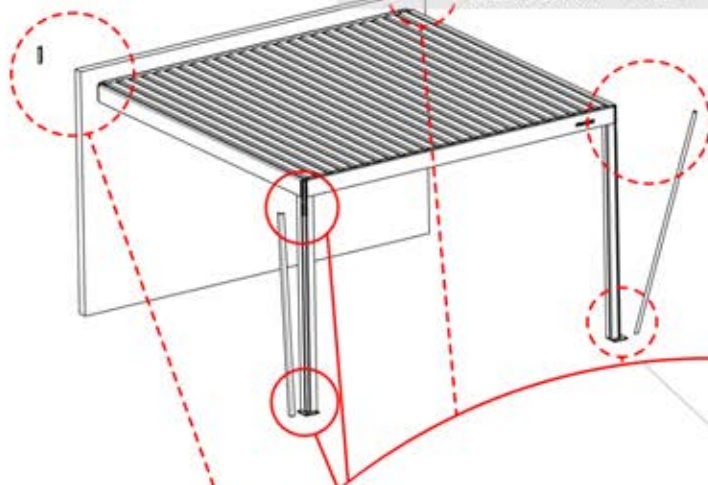


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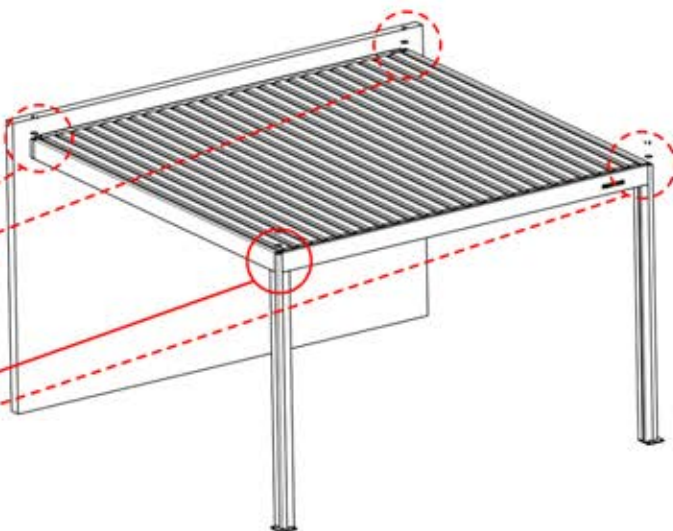
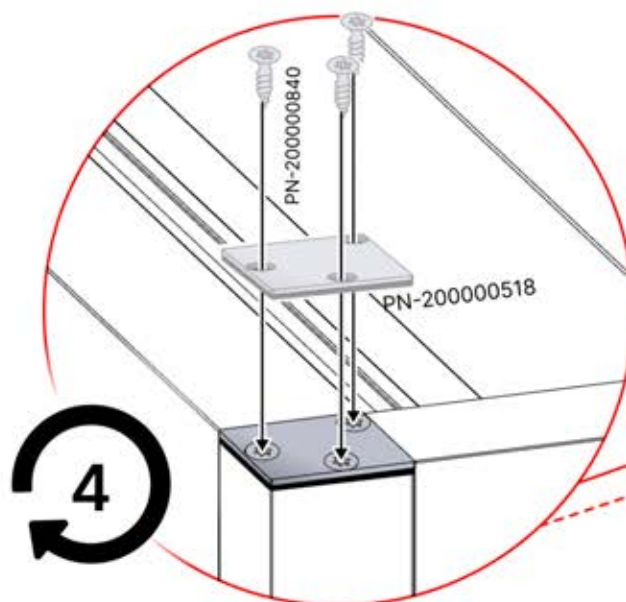
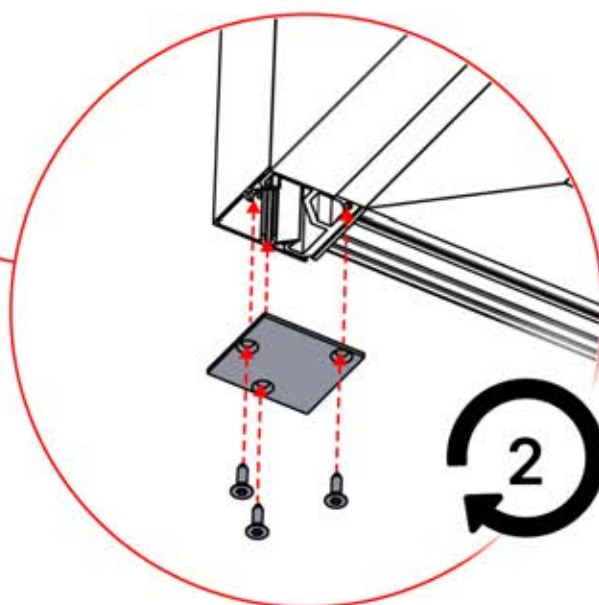
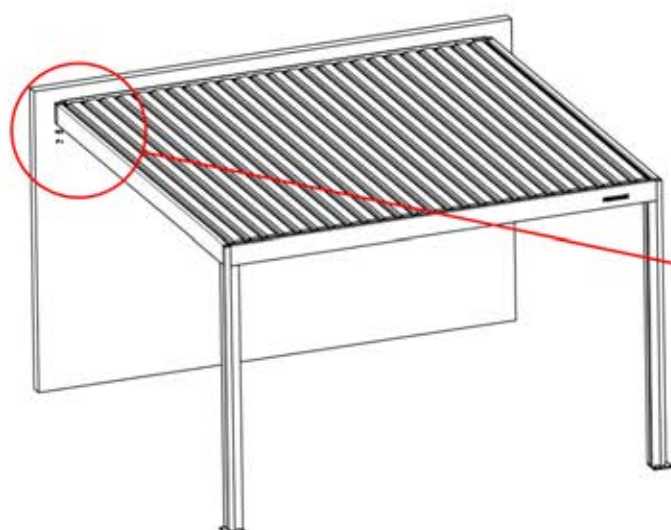
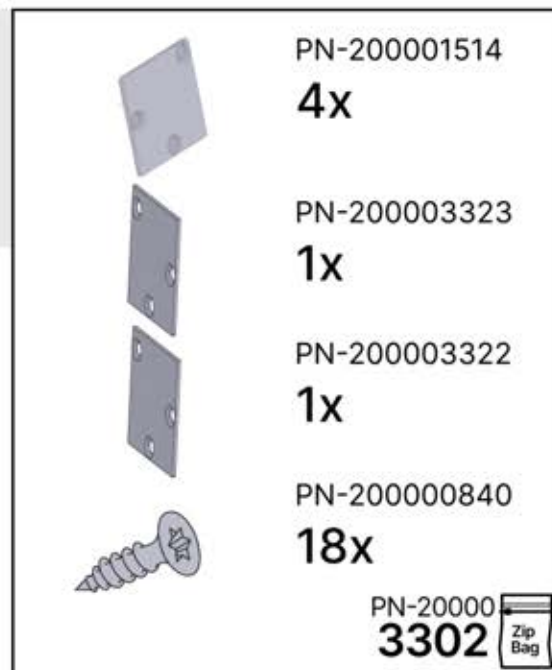
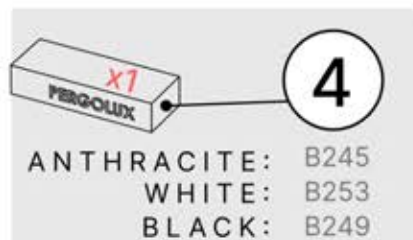
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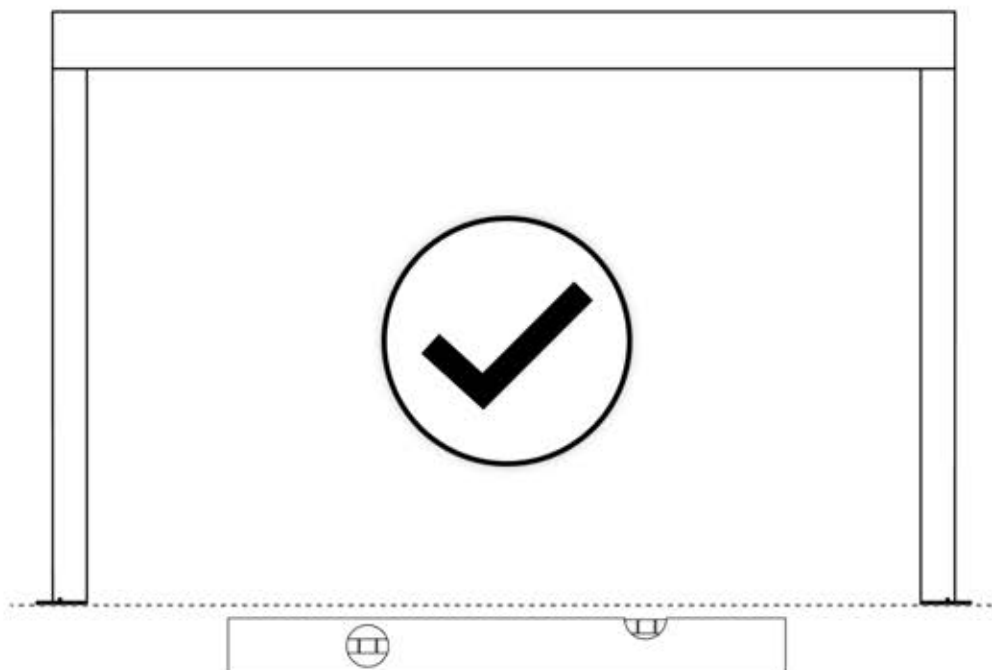
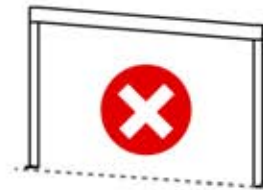
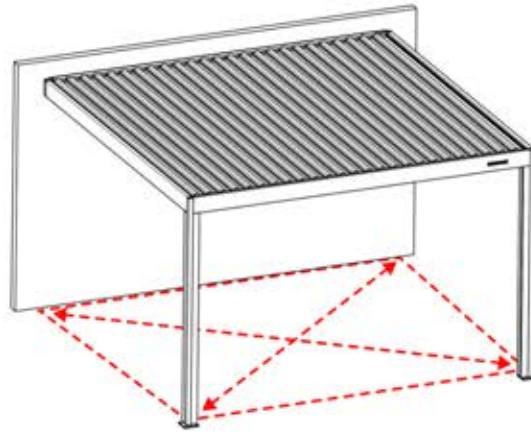
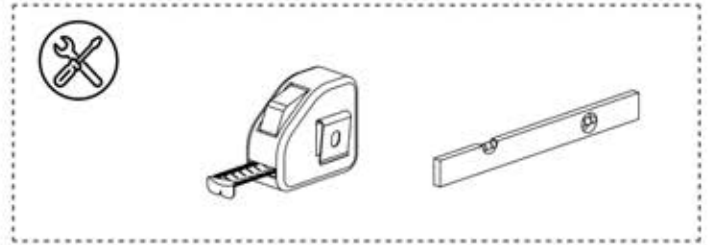
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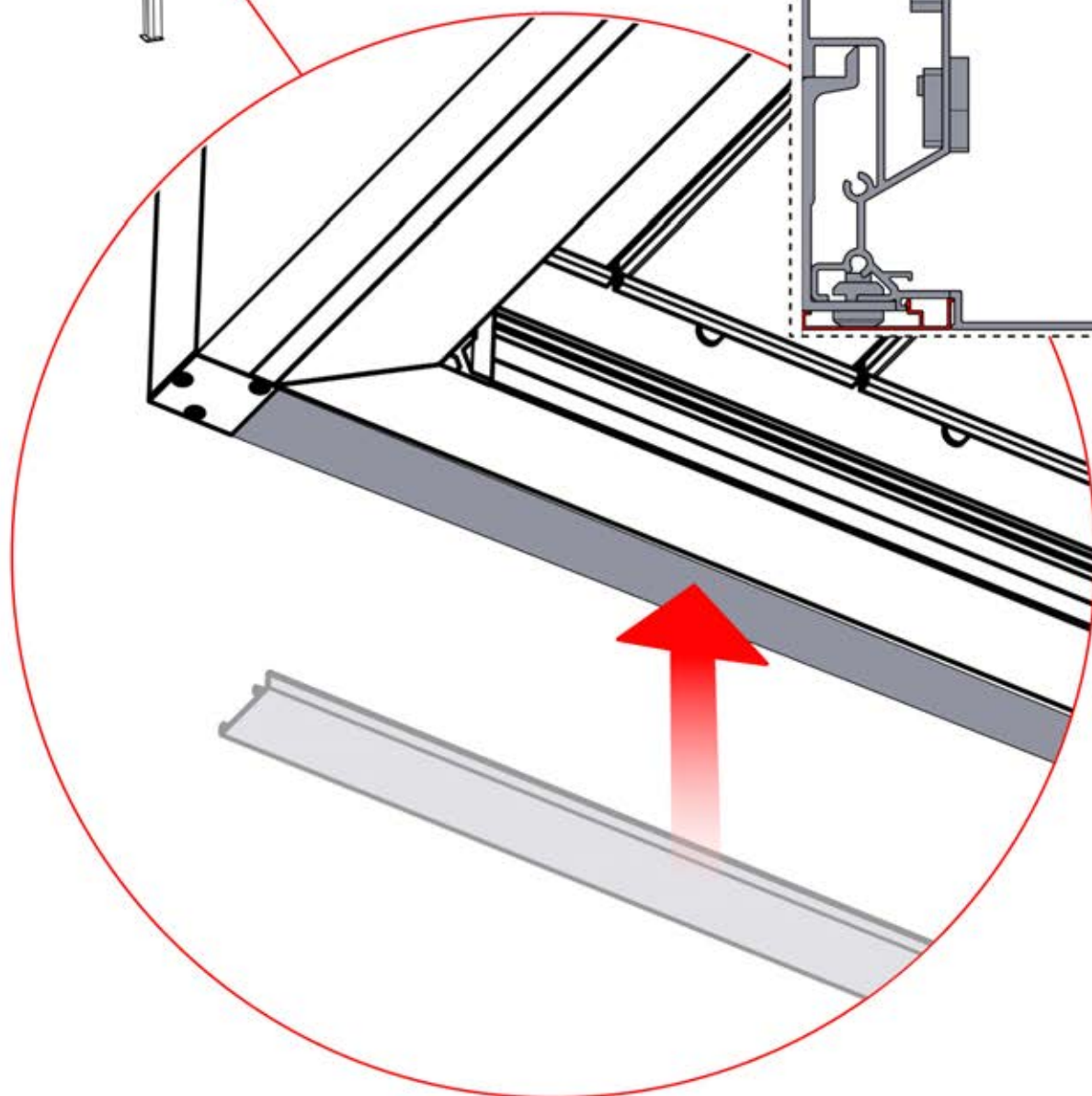
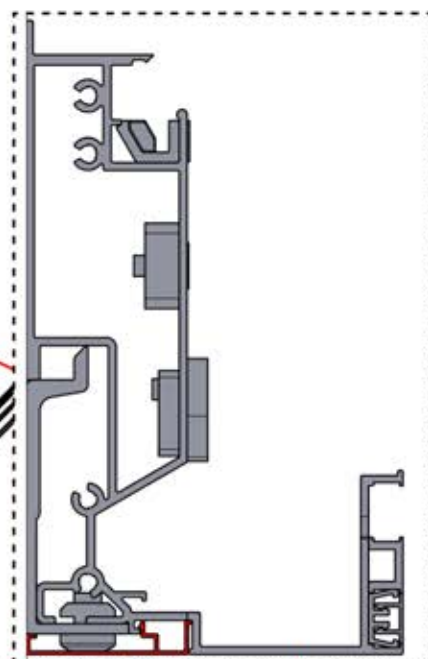
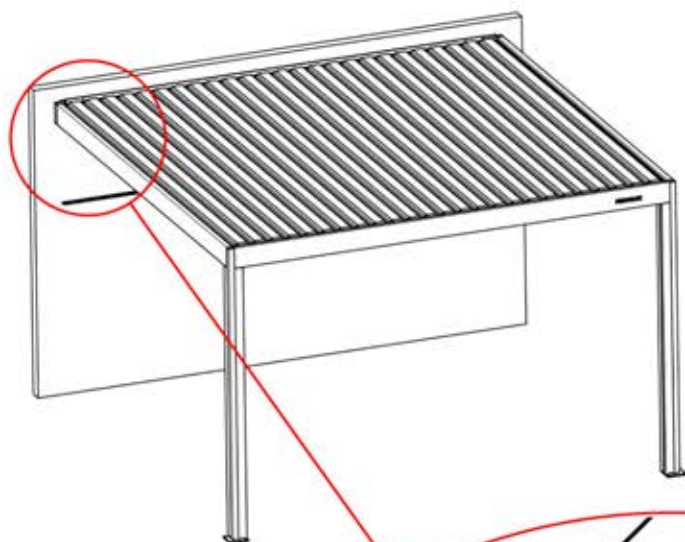
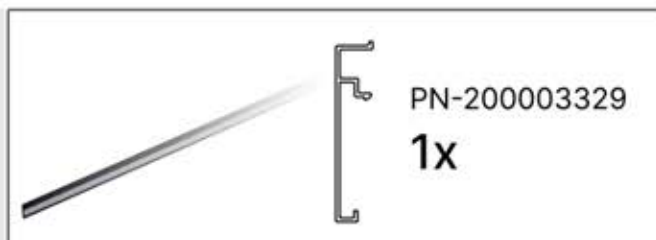
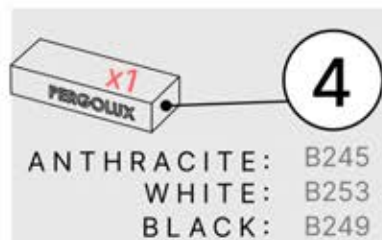
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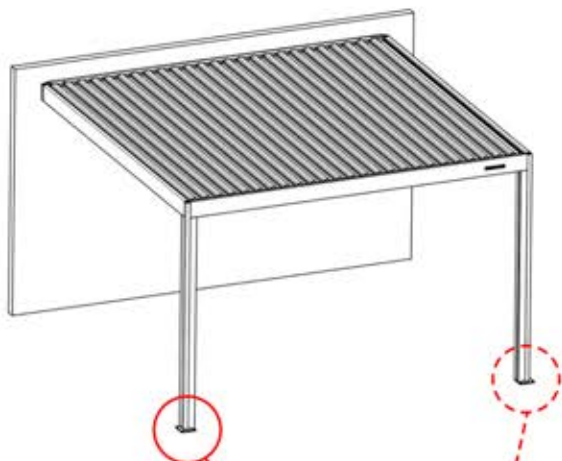
62



63



64



Use on
concrete



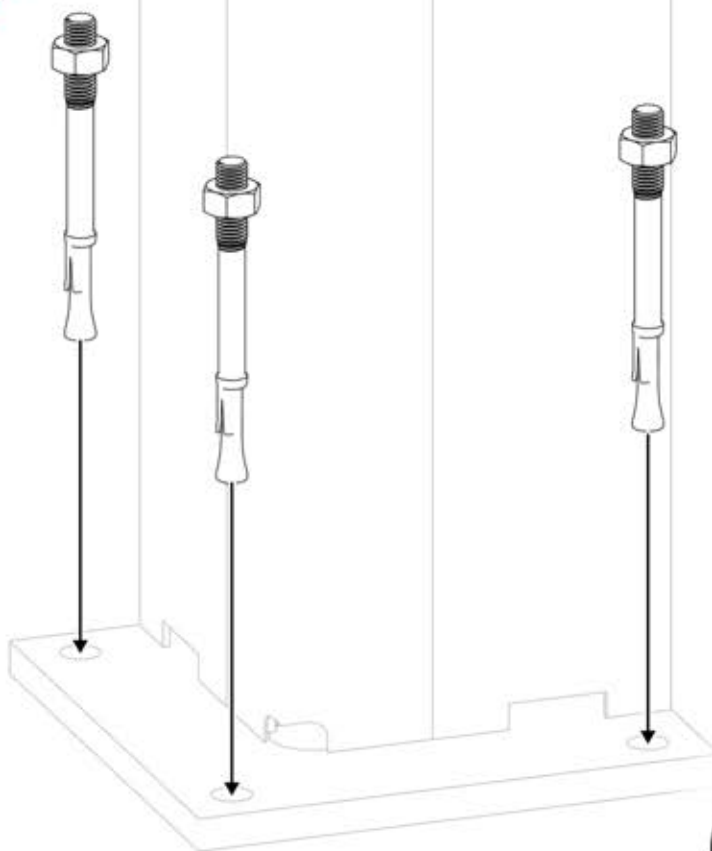
x12



Use on
wood



x12



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