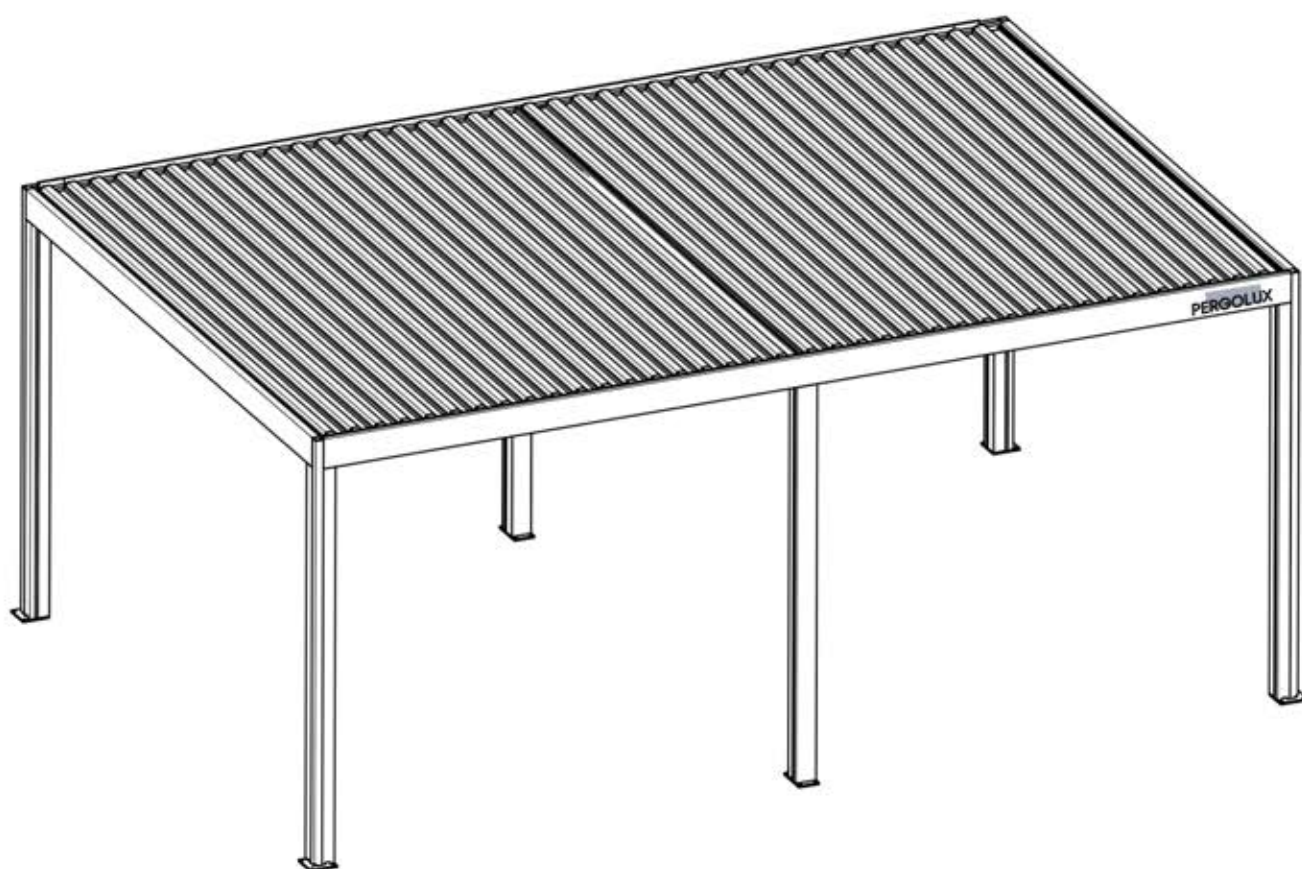


S4

PERGOLA

PRO



4×6m/13'x19'
FREESTANDING

PERGOLUX



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678



INFORMATION



INSTALLATION INSTRUCTIONS:

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

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

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

Use the correct lifting and installation equipment.

SAFETY WARNINGS:

Keep children and pets away during installation.

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

Ensure the structure is securely anchored to prevent accidents.

Do not insert fingers or any objects between the louvres.

MAINTENANCE:

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

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

Check anchor points periodically to ensure stability.



INSTALLATIONSANLEITUNG:

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

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

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

Verwenden Sie die richtige Hebe- und Installationsausrüstung.

SICHERHEITSHINWEISE:

Halten Sie Kinder und Haustiere während der Installation fern.

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

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

Stecken Sie keine Finger oder andere Gegenstände zwischen die Lamellen.

WARTUNG:

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

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

Überprüfen Sie die Ankerpunkte regelmäßig, um die Stabilität sicherzustellen.



Pergolux GmbH, 9 Goethestraße,
36043 Fulda,
Germany

26

DOP-PRO-FSWM-S4

EN 13561:2015

Pergolux Pergola PRO S4

External use in buildings and other
construction works

Resistance to wind loads: Class6(EN13561)

SYMBOL EXPLANATION



Indicates the outside of the pergola structure.



This step may require extra force.



Indicates the inside of the pergola structure.



Key information to follow during installation.



Important! Be cautious when assembling or handling this part.



This item must be purchased separately.



Required tools for assembly.



Apply lubricant to make screw assembly easier.



Ensure grounding is connected before powering up.



Do not use a regular hammer, as it may cause damage.



Align slats according to sunlight direction for optimal shading.



AC Input



Repeat this step as many times as the number indicates

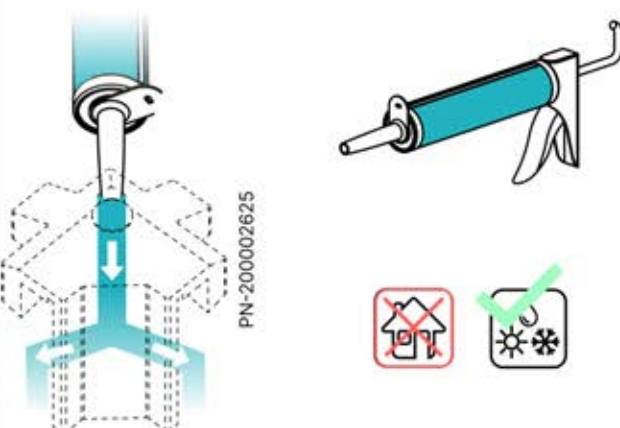


Motor



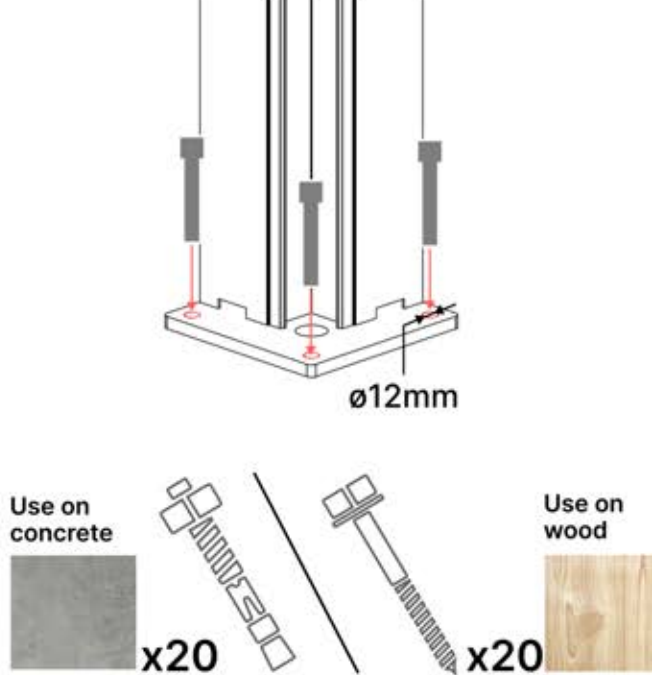
Turn around

INFORMATION



PN-200002625

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.

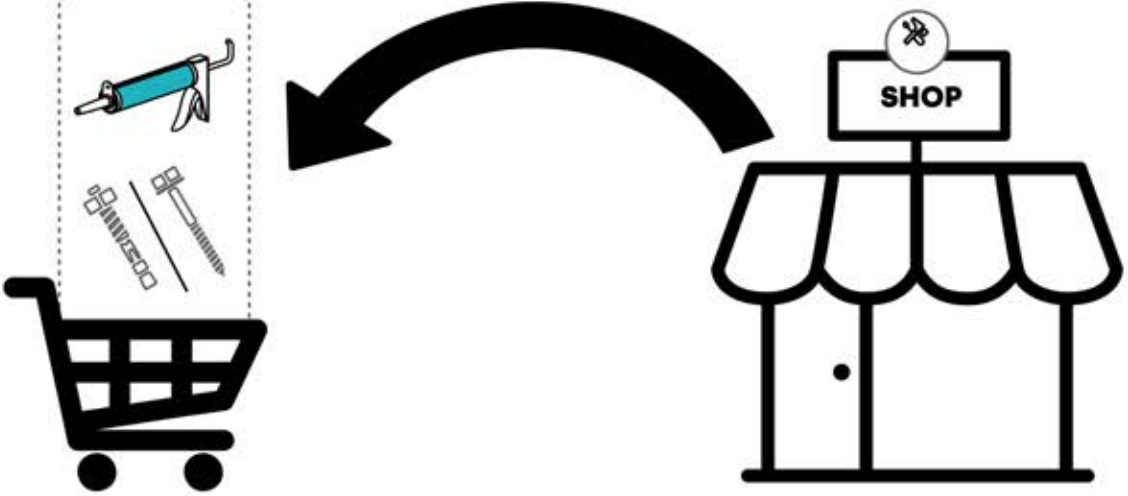


ø12mm

Use on concrete x20

Use on wood x20

You need to buy your needed screws to attach the pergola to the ground

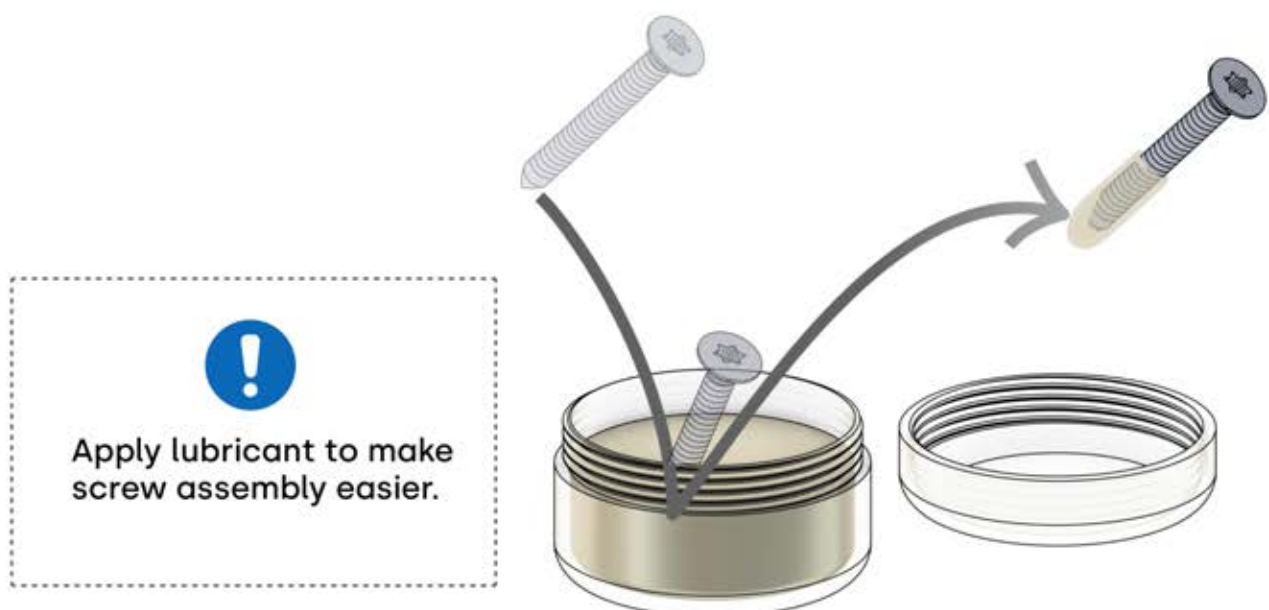


SHOP

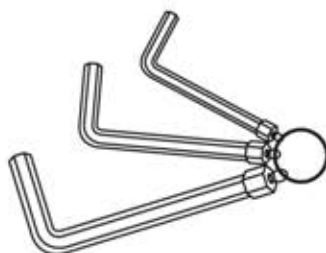
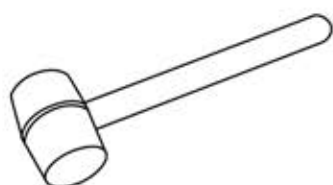
INFORMATION

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

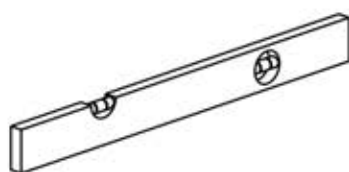
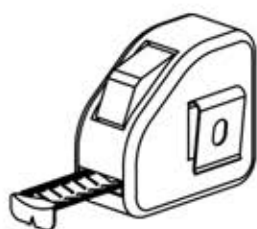
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION



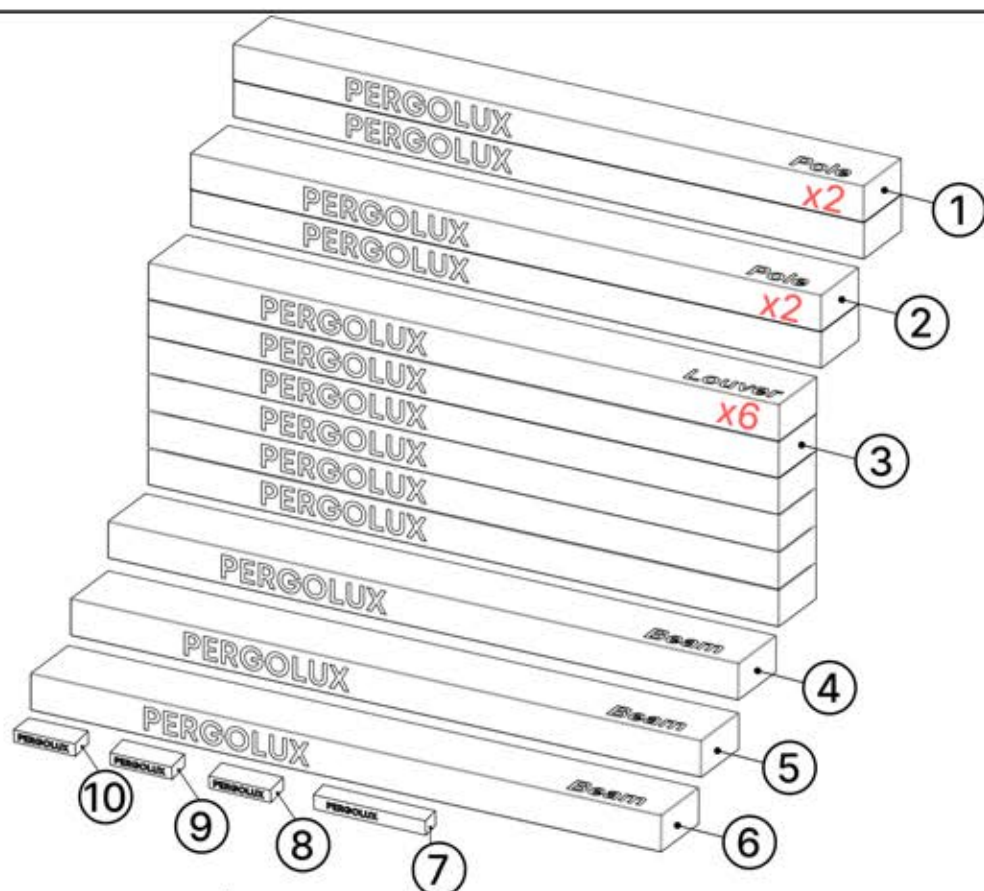
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

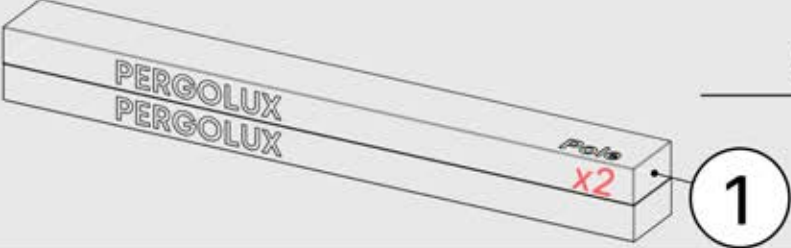


PACKAGE OVERVIEW

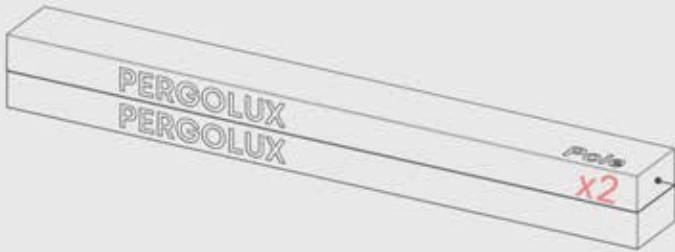
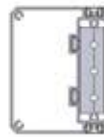


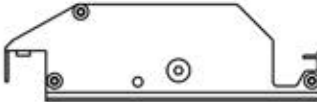
ORDER	ANTHRACITE	WHITE	BLACK
①	C120	C122	C121
②	C123	C125	C124
③	L216	L220	L218
④	B235	B243	B239
⑤	B257	B261	B259
⑥	B269	B273	B271
⑦	MOTOR		
⑧	WHITE / RGB LED		
⑨	CONTROL BOX		
⑩	POWER CABLE		

ITEMS IN BOX

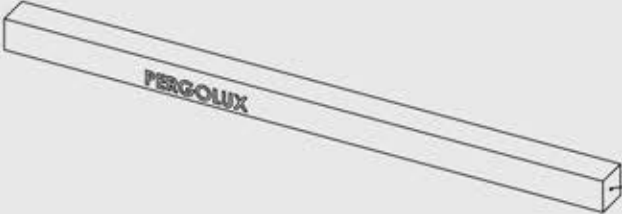
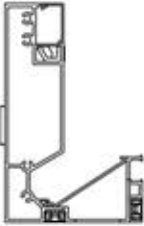
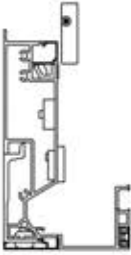
	ANTHRACITE	WHITE	BLACK
	C120	C122	C121
 	PN-200002606 4x		
 	PN-200003386 4x		
	PN-200002614 4x		

ITEMS IN BOX

		<table><tr><th>ANTHRACITE</th><th>WHITE</th><th>BLACK</th></tr><tr><td>C123</td><td>C125</td><td>C124</td></tr></table>			ANTHRACITE	WHITE	BLACK	C123	C125	C124
ANTHRACITE	WHITE	BLACK								
C123	C125	C124								
2										
										
		PN-200002782 2x								
										
		PN-200002783 2X								
										
		PN-200002785 2x								

		<table><tr><th>ANTHRACITE</th><th>WHITE</th><th>BLACK</th></tr><tr><td>L216</td><td>L220</td><td>L218</td></tr></table>			ANTHRACITE	WHITE	BLACK	L216	L220	L218
ANTHRACITE	WHITE	BLACK								
L216	L220	L218								
3										
										
		PN-200002980 36x								

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	4	B235	B243 B239
		PN-200003355 1x	
		PN-200002862 1x	
		PN-200002867 1x	
		PN-200002863 1x	
		PN-200002866 1x	

ITEMS IN BOX



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



4

ANTHRACITE WHITE BLACK

B235

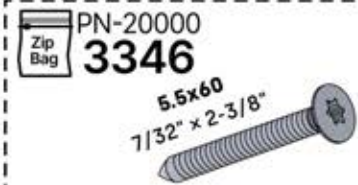
B243

B239



PN-200002865
1x

PN-200003380
1x



PN-20000
3346

PN-200000560
28x



PN-20000
3320

PN-200000826
2x



PN-20000
3414

PN-200000732
2x

PN-200000415
8x



PN-200000731
2x



PN-200000668
4x



PN-20000
3282

PN-200001514
4x



PN-200000840
12x



PN-20000
3279

PN-200000568
32x



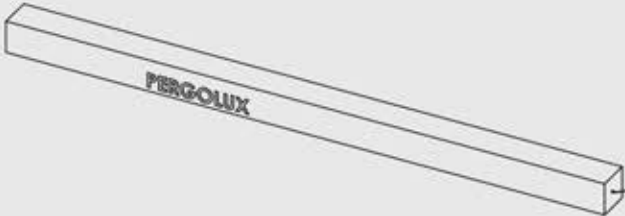
PN-20000
3483

PN-200003385
2x

ITEMS IN BOX



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



4

ANTHRACITE WHITE BLACK

B235

B243

B239



PN-20000
3278



PN-200003033
2x

PN-200003030
1x



PN-200003031
1x

PN-200001207
2x



PN-20000
3285



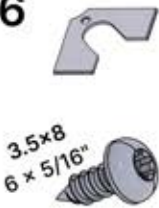
PN-200000507
4x

PN-200000569
8x

PN-200000568
4x



PN-20000
3276



PN-200002618
4x

PN-200000571
4x



PN-20000
3379



PN-200000960
4x



PN-20000
3277



PN-200002617
4x



PN-20000
3284



PN-200002625
4x



PN-20000
3281



PN-200002622
4x

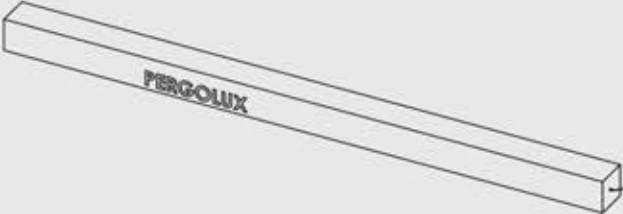


PN-200000680
8x

ITEMS IN BOX



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



4

ANTHRACITE WHITE BLACK

B235

B243

B239



PN-20000
3371



PN-200003372
1x

PN-200001946
1x



PN-200000502
1x



PN-200003373
1x

PN-200000561
1x



PN-20000
3603



PN-200000826
6x



PN-200001340
1x



5

ANTHRACITE WHITE BLACK

B257

B261

B259



PN-200003356
2x

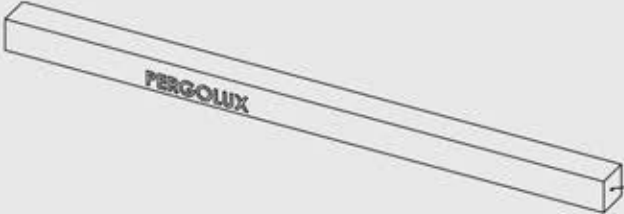
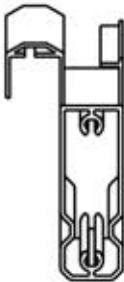
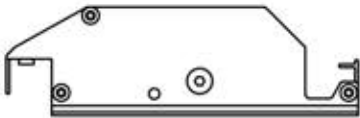
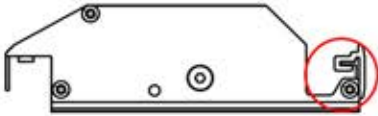


Premounted
PN-200002984
2x



PN-200003399
2x

ITEMS IN BOX

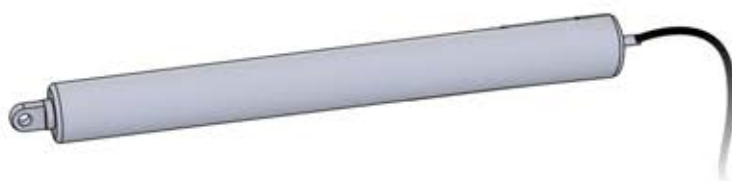
	ANTHRACITE WHITE BLACK		
	6	B269	B273 B271
		PN-200003412 1x	
		PN-200002980 1x	
		PN-200002985 1x	

ITEMS IN BOX



7

ELECTRIC MOTOR



Electric motor
PN-200001562
1x



PN-200001623
1x



PN-200001624
1x



PN-200001625
2x



8

WHITE / RGB LED



LED light strip
4x



Y cable
1x

ITEMS IN BOX

S4



9

CONTROL BOX



Control box
1x



Matter antenna
clip
1x



PN-200002684
10x



PN-200002683
5x



QR-code
1x



3M tape
1x



PN-200002756
1x



PN-200002754
1x



PN-200002758
1x



PN-200002753
2x



PN-200002759
2x



PN-200002757
1x

ITEMS IN BOX



10

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.

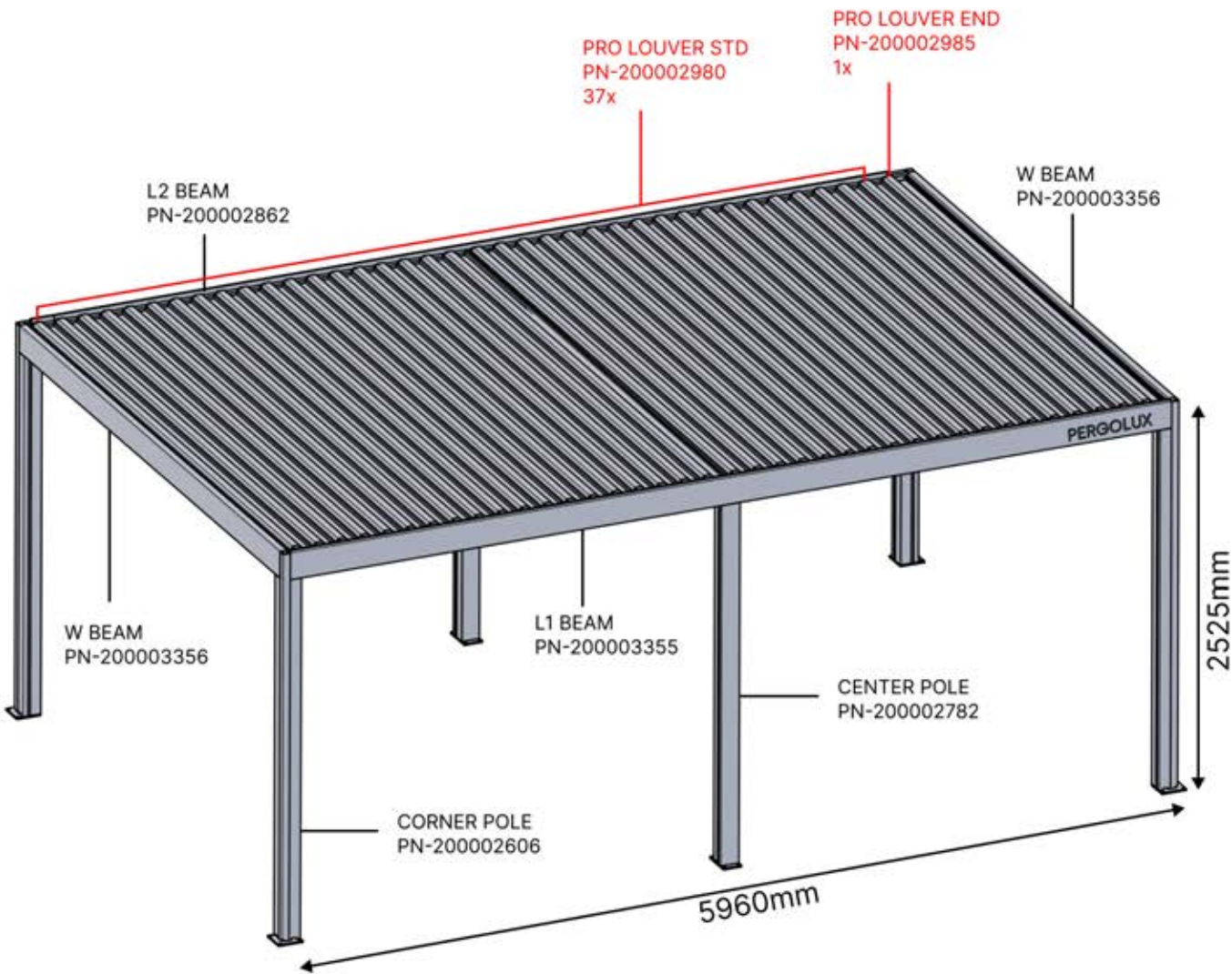
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



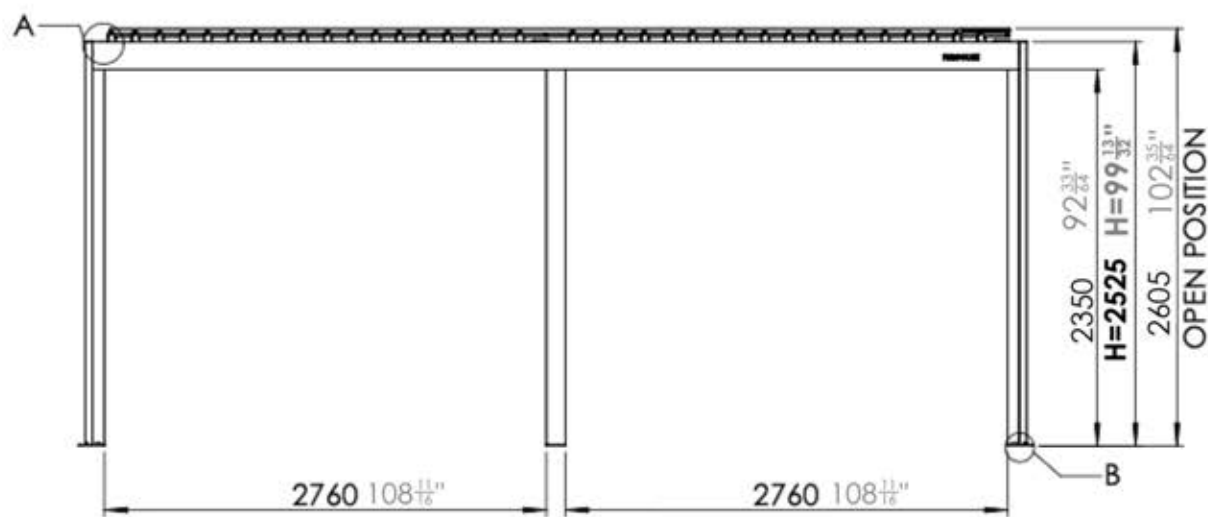
CONTROL BOX

[View Manual](#)

4 × 6 M / 13'x19'

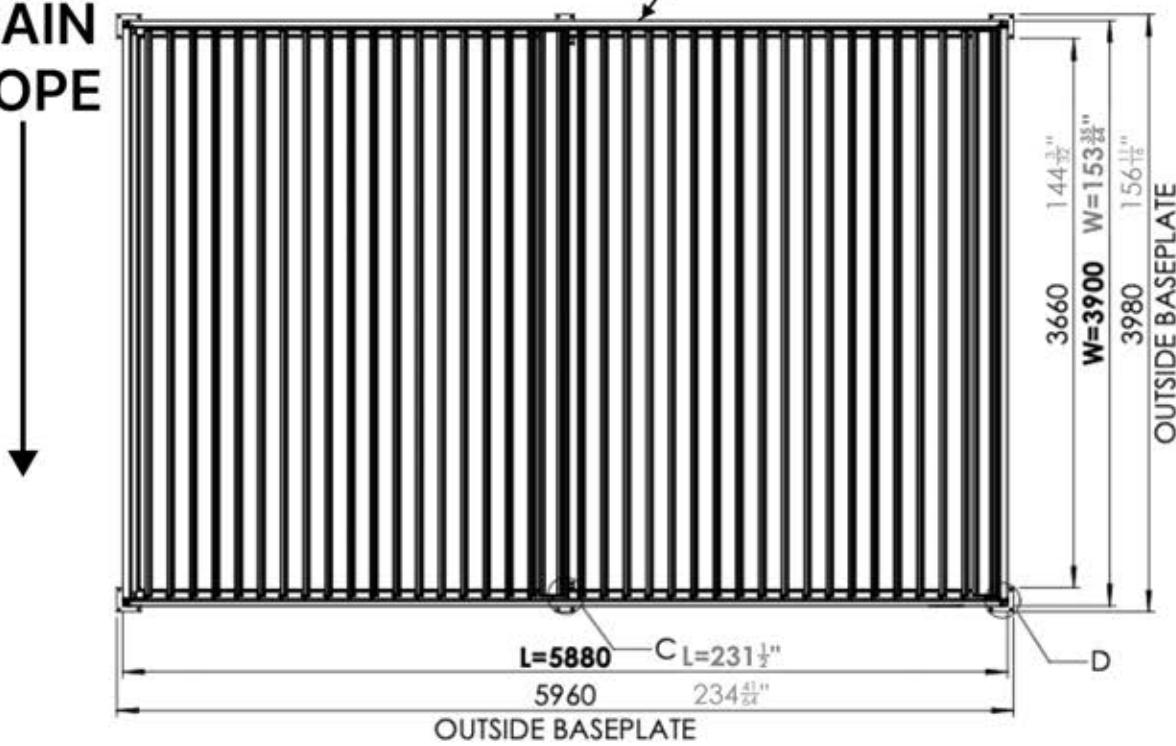


4 × 6 M / 13'x19'



LOUVER
DRAIN
SLOPE

MOTOR



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.

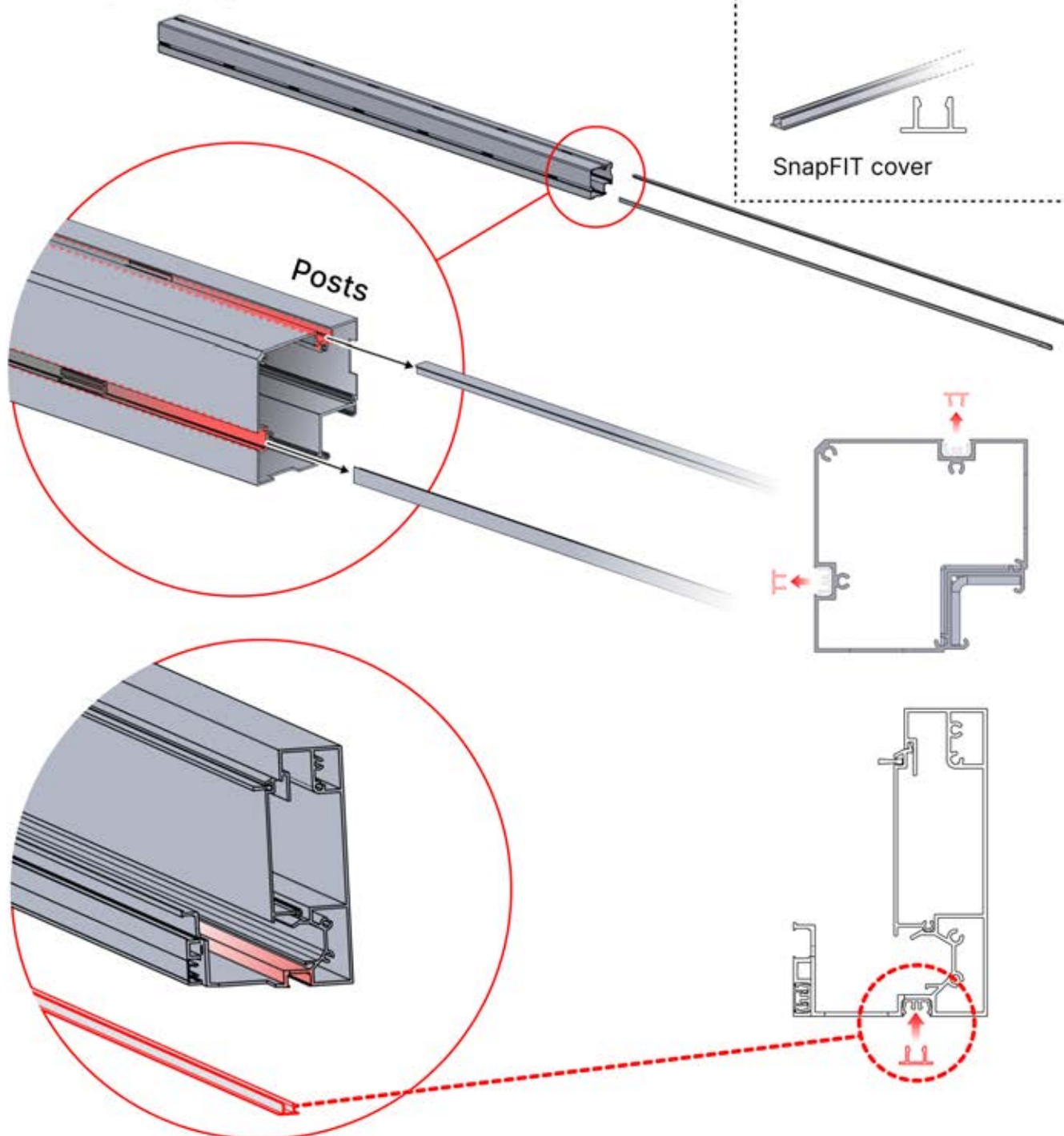
Cover and clips



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.

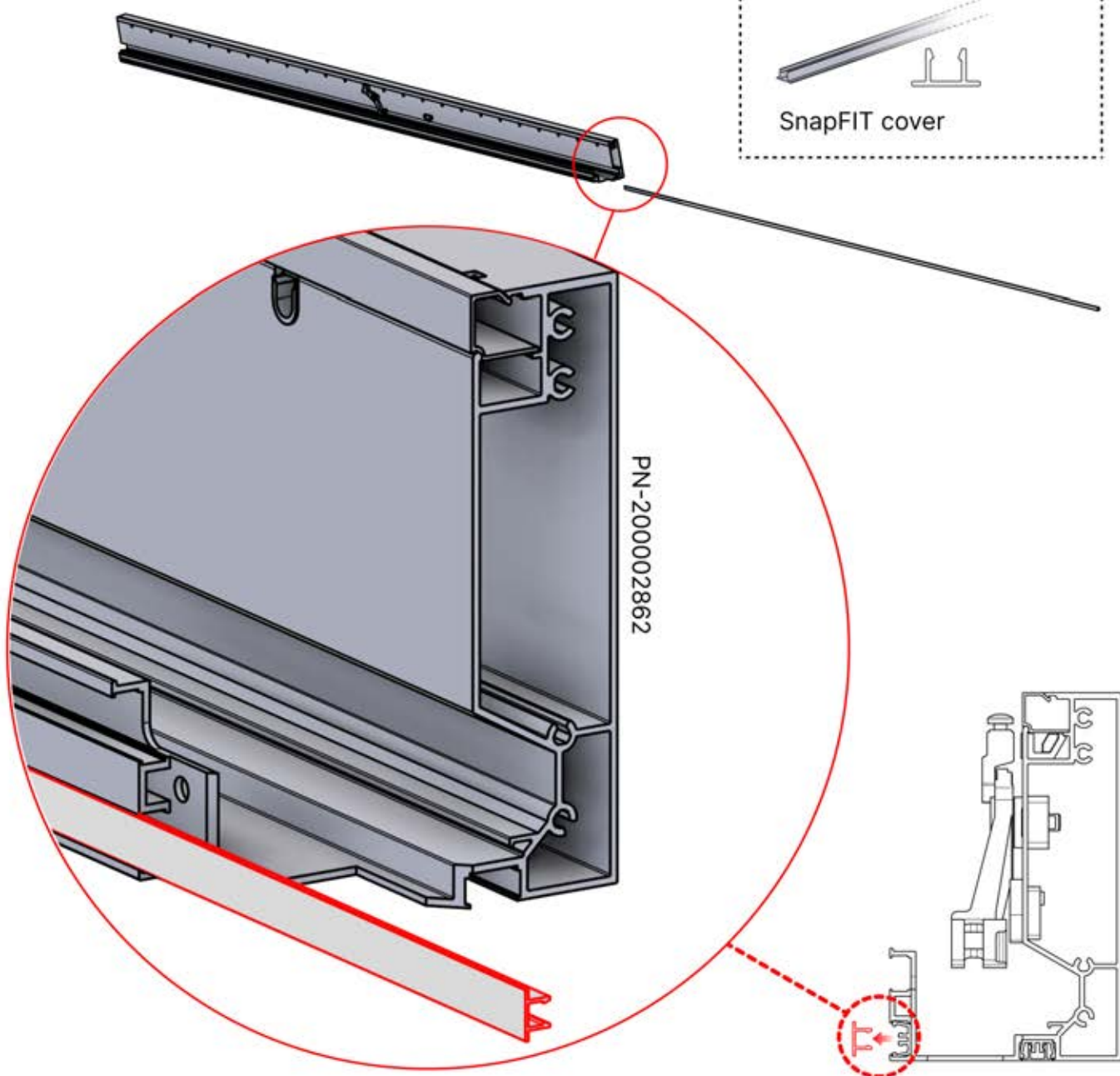
Cover and clips



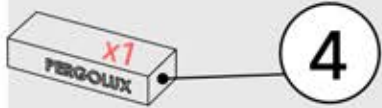
PN-200000512
SnapFIT COVER CLIP



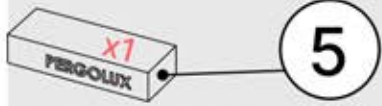
SnapFIT cover



INFORMATION



ANTHRACITE: B235
WHITE: B243
BLACK: B239



ANTHRACITE: B257
WHITE: B261
BLACK: B259



PN-200003356

2x

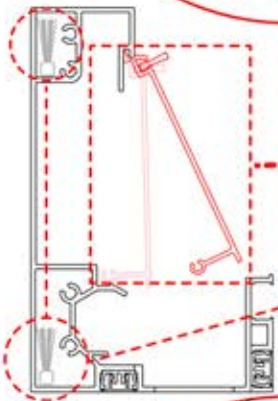
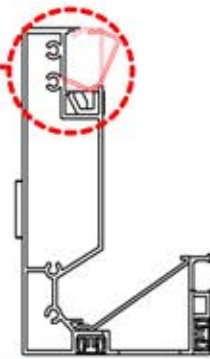
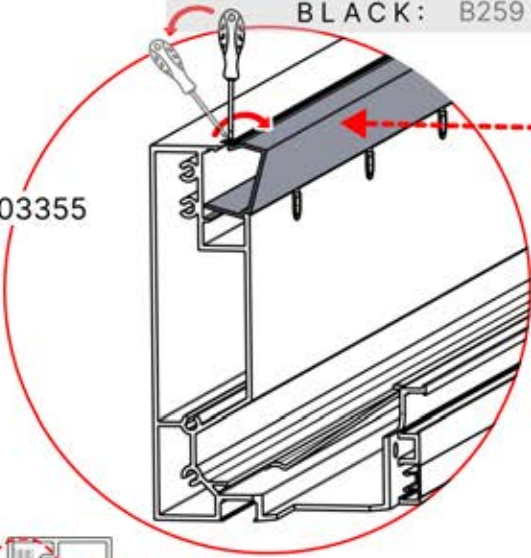
PN-200003355

1x

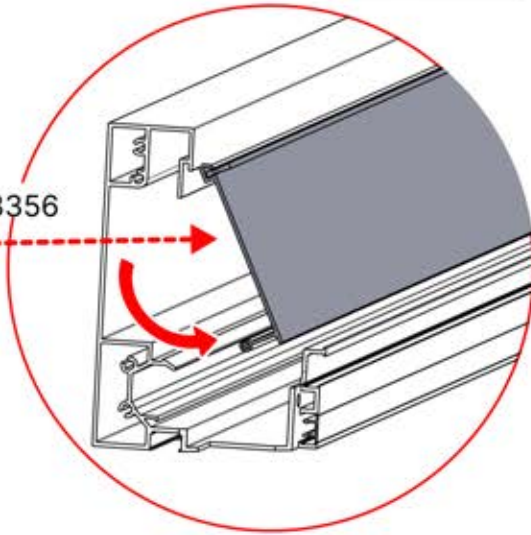
PN-200002862

1x

PN-200003355

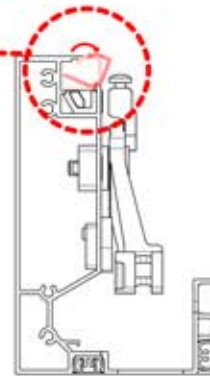
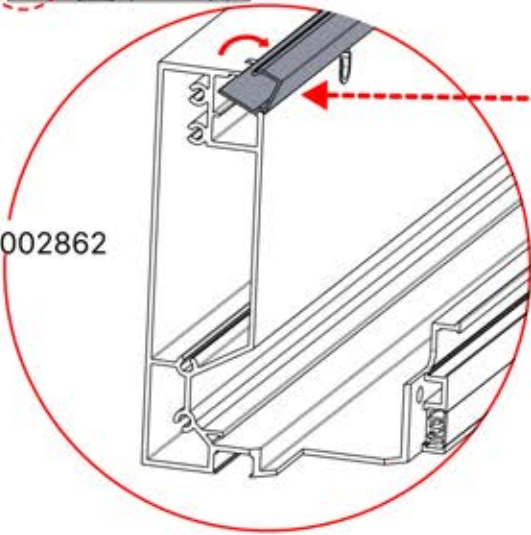


PN-200003356



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

PN-200002862



01



1

ANTHRACITE: C120
WHITE: C122
BLACK: C121



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200002606
4x

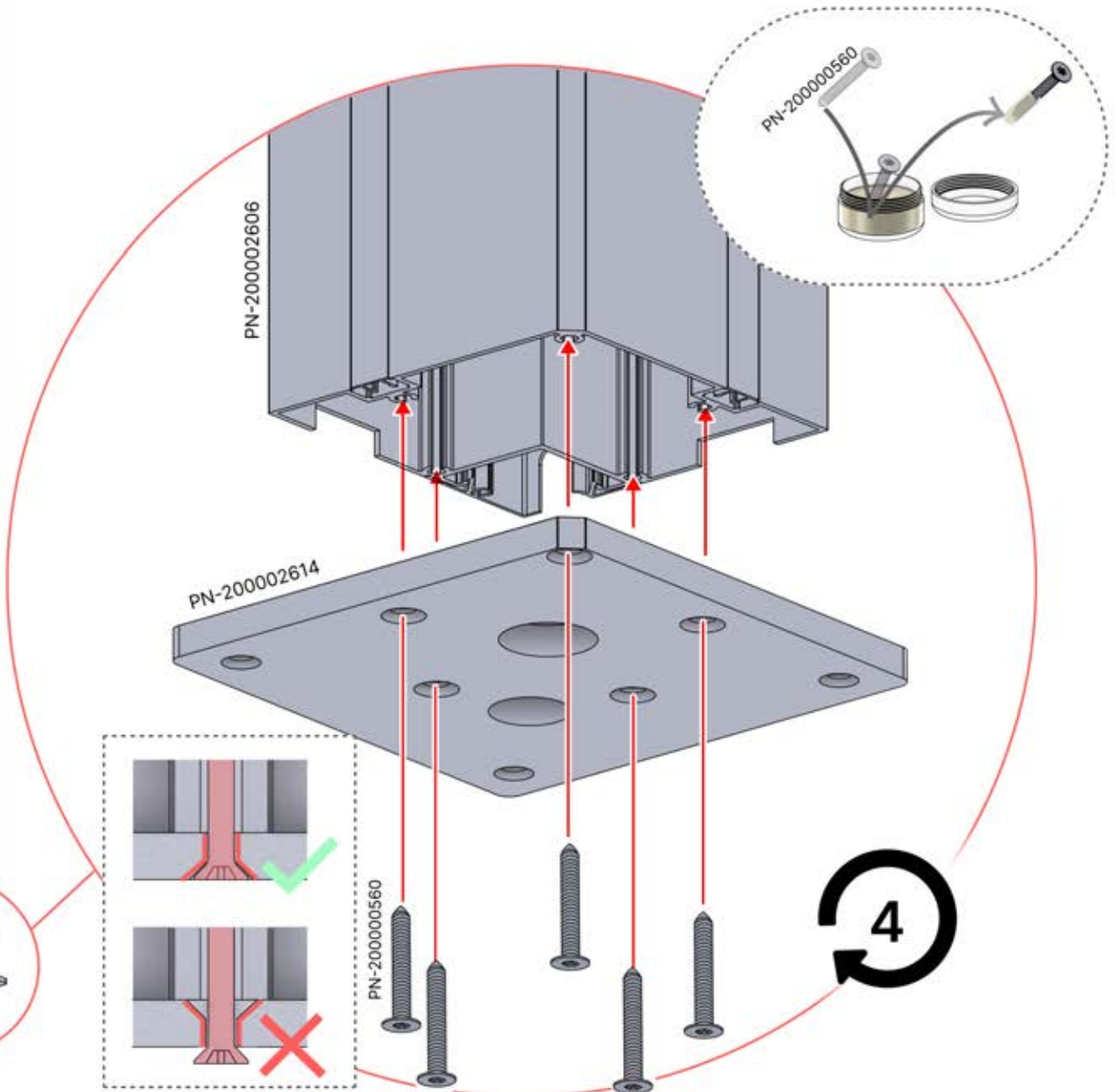
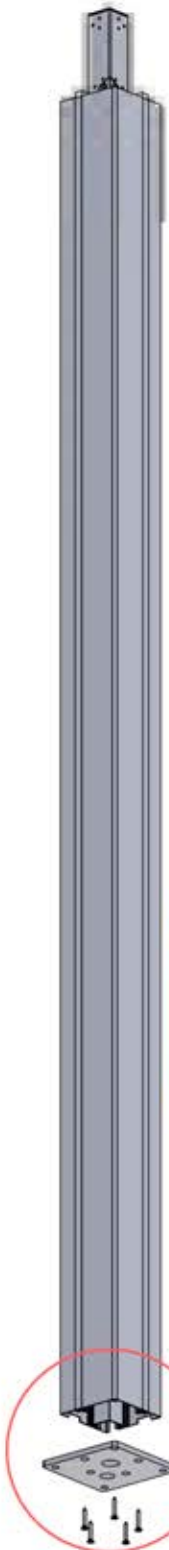


PN-200002614
4x



PN-200000560
20x

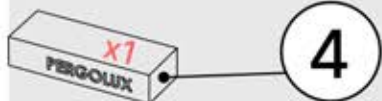
PN-20000
3346 Zip Bag



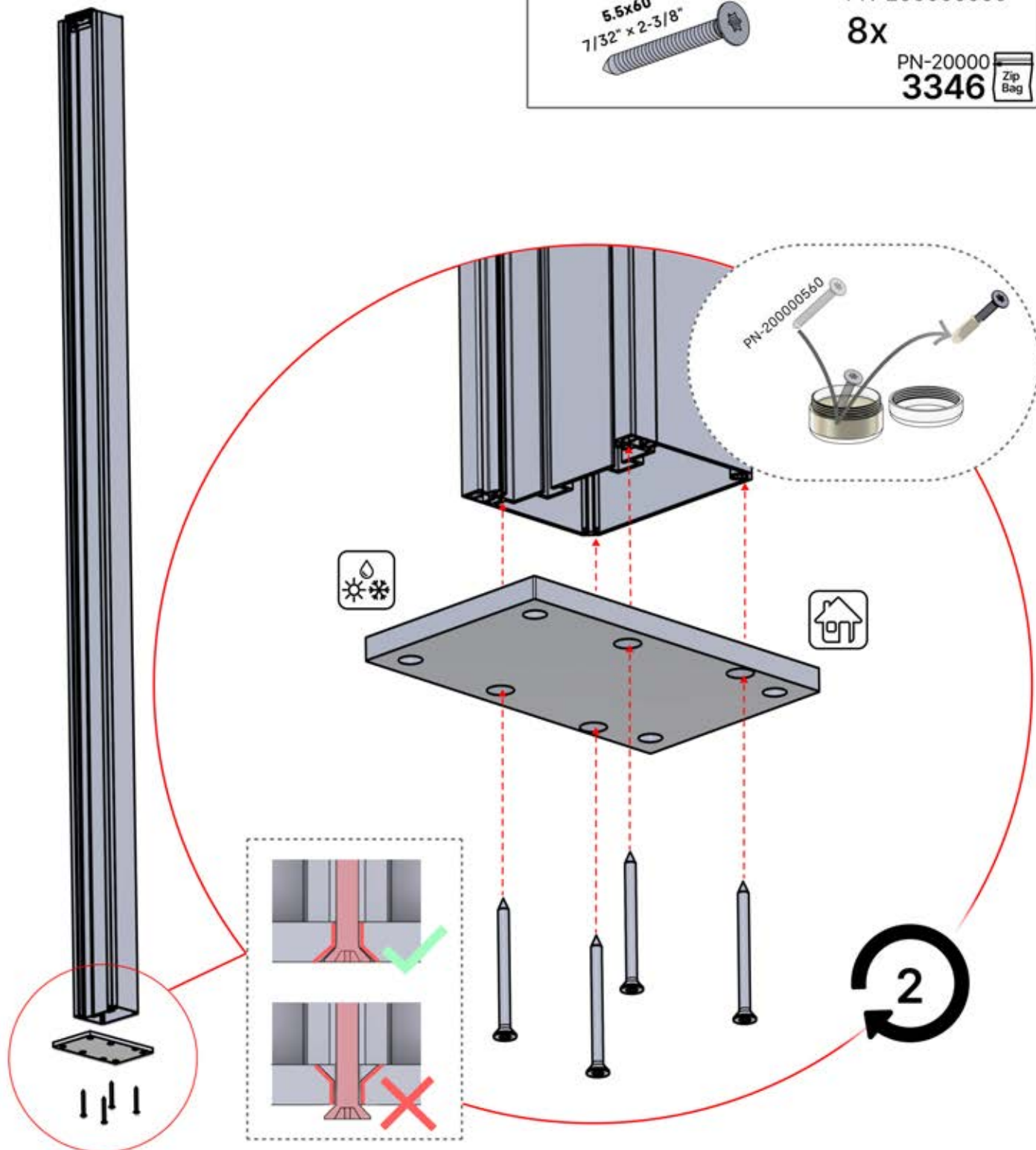
02



ANTHRACITE: C123
WHITE: C125
BLACK: C124



ANTHRACITE: B235
WHITE: B243
BLACK: B239



03



x1

4

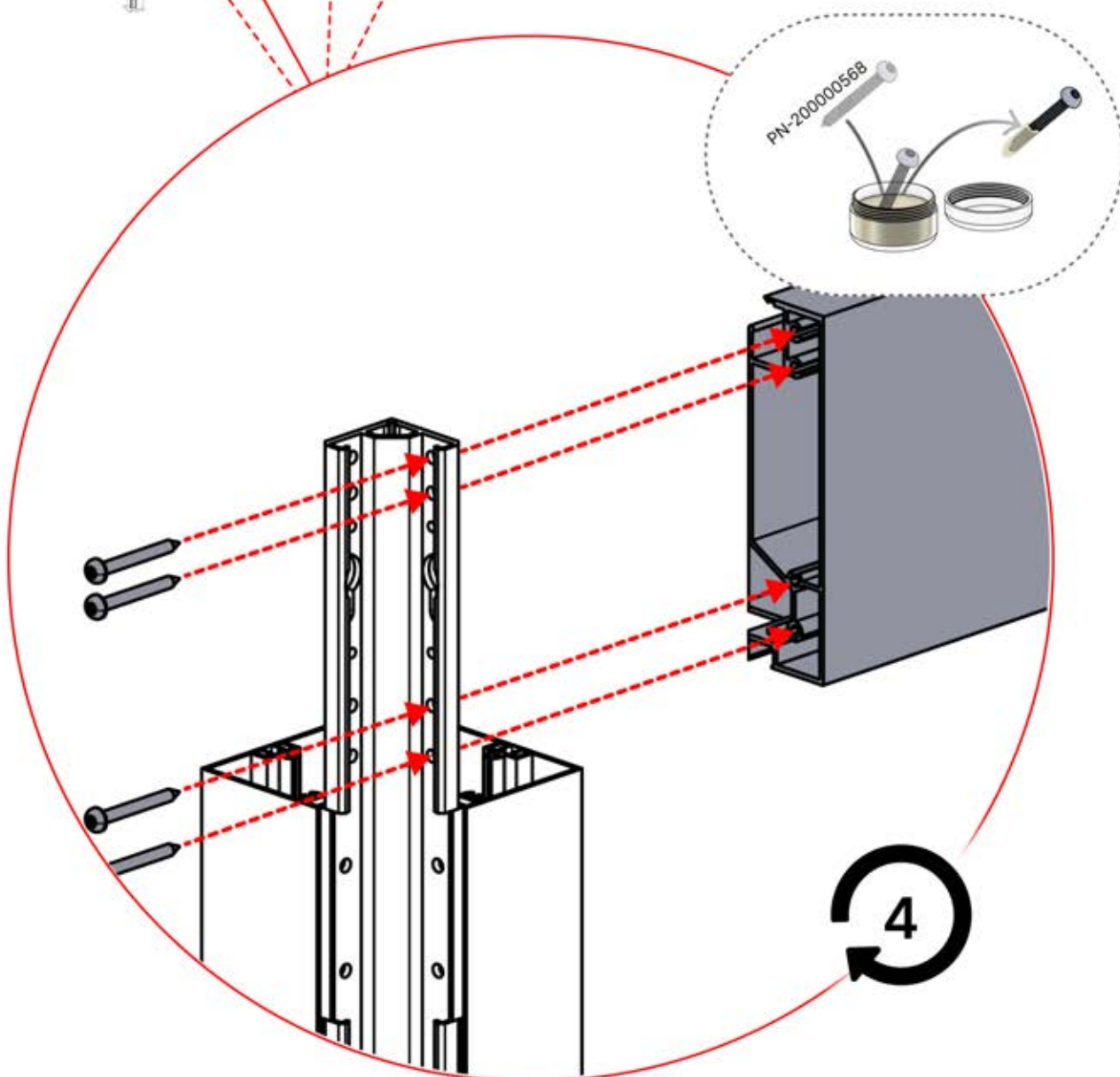
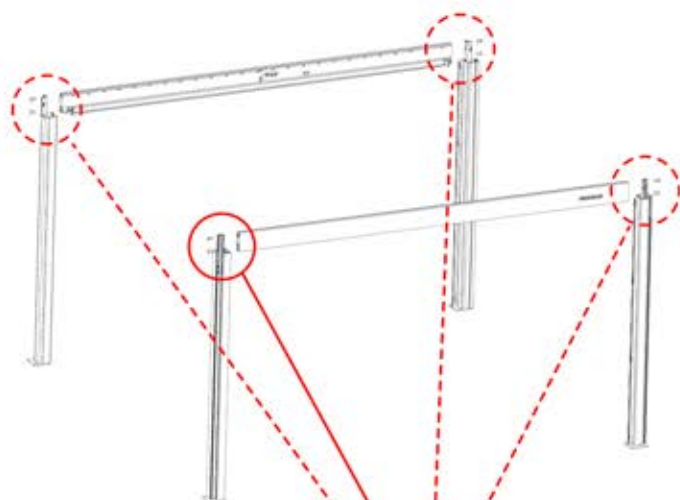
ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200000568
16x

PN-20000
3279





04

x1
PERGOLUX

4

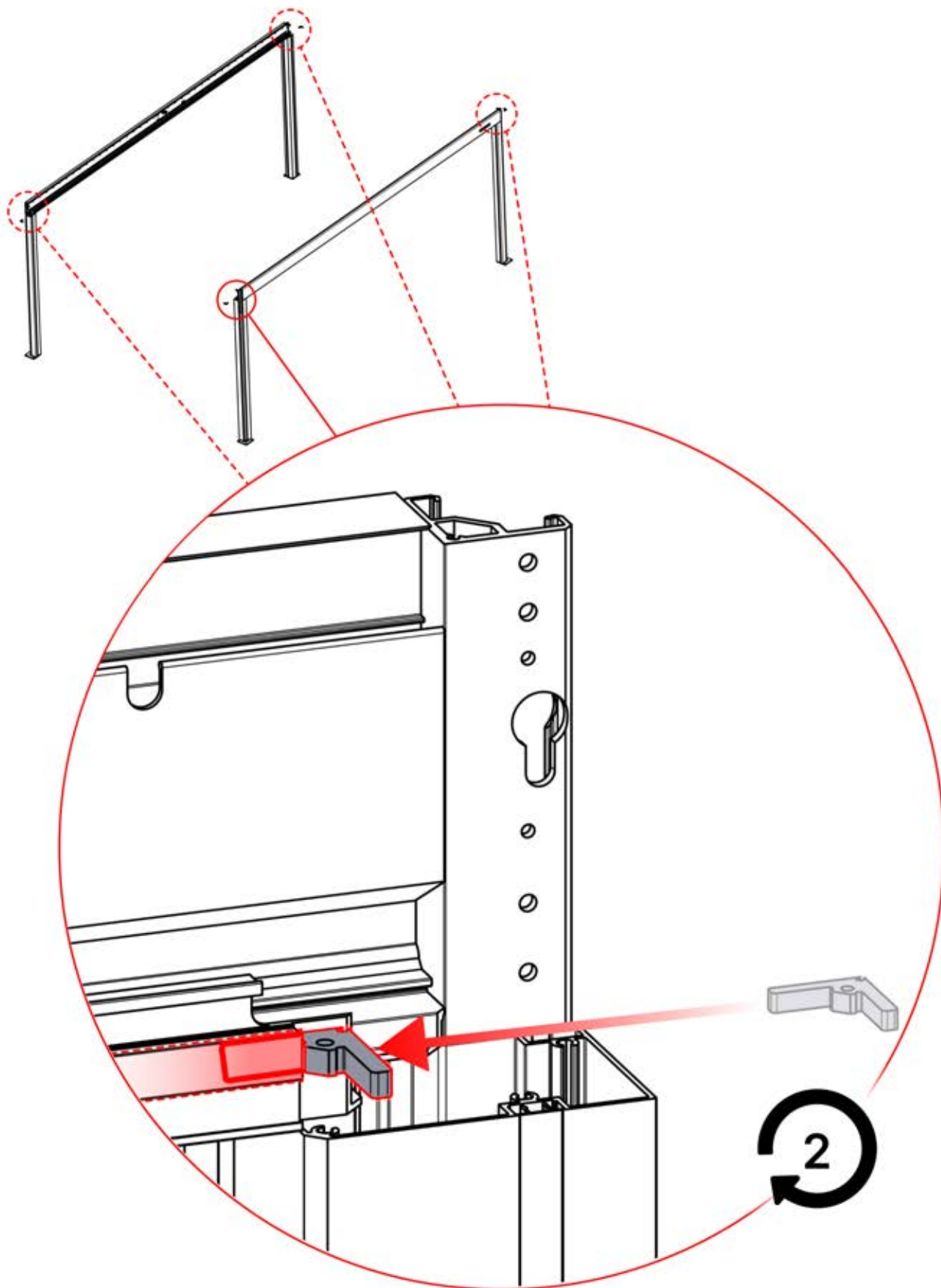
ANTHRACITE: B235
WHITE: B243
BLACK: B239

PN-200000507

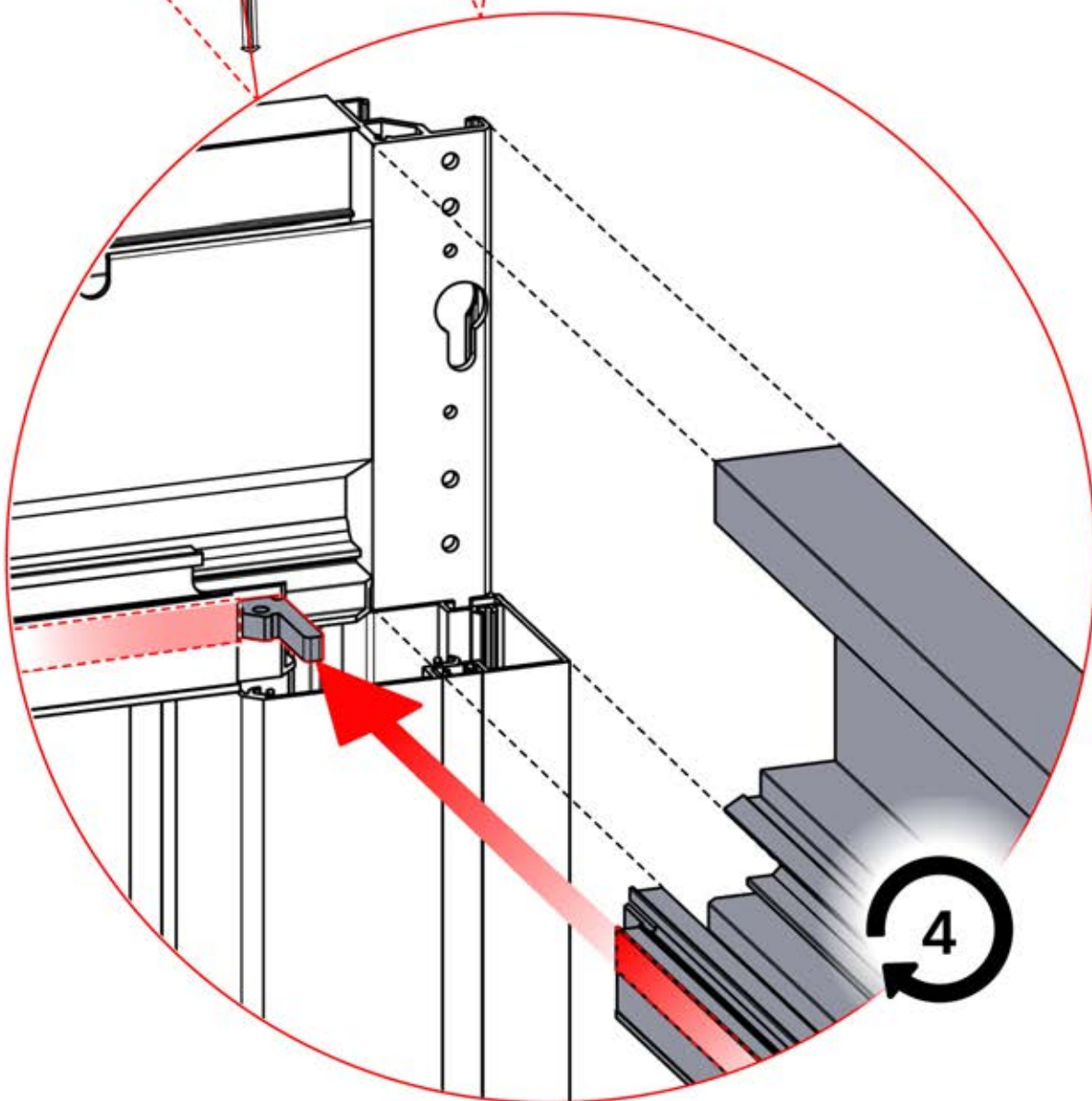
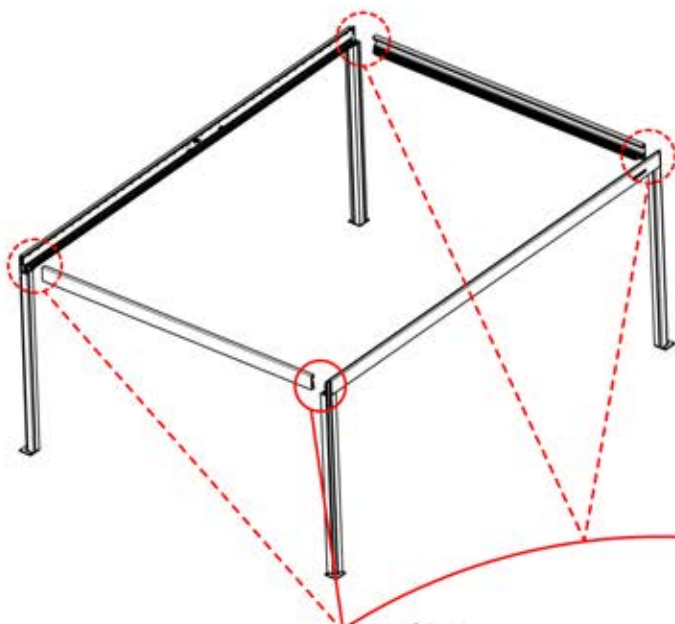
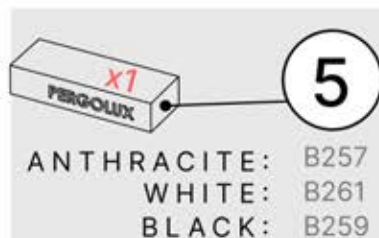
4x

PN-20000
3285

Zip Bag



05



06

x1
PERGOLUX

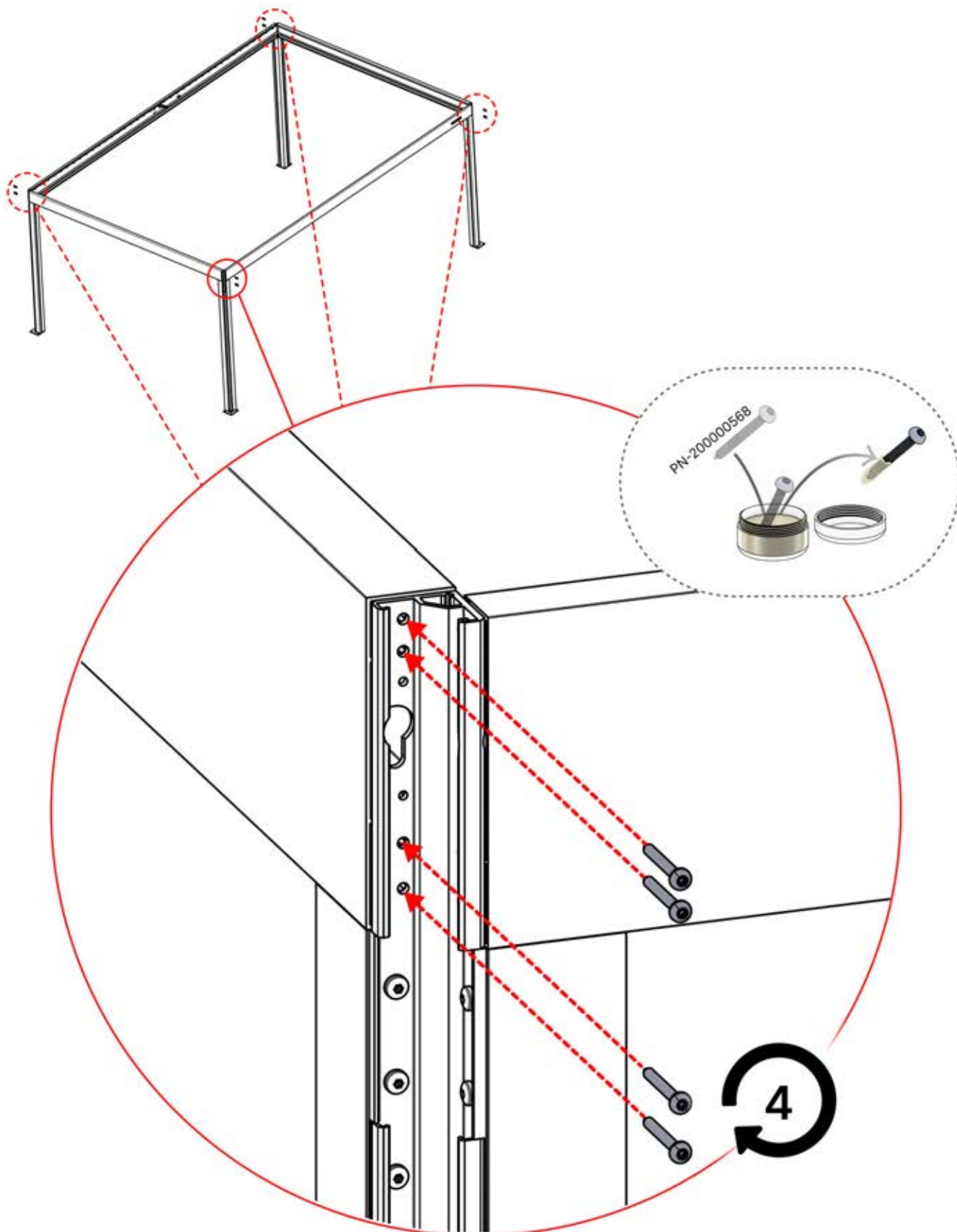
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

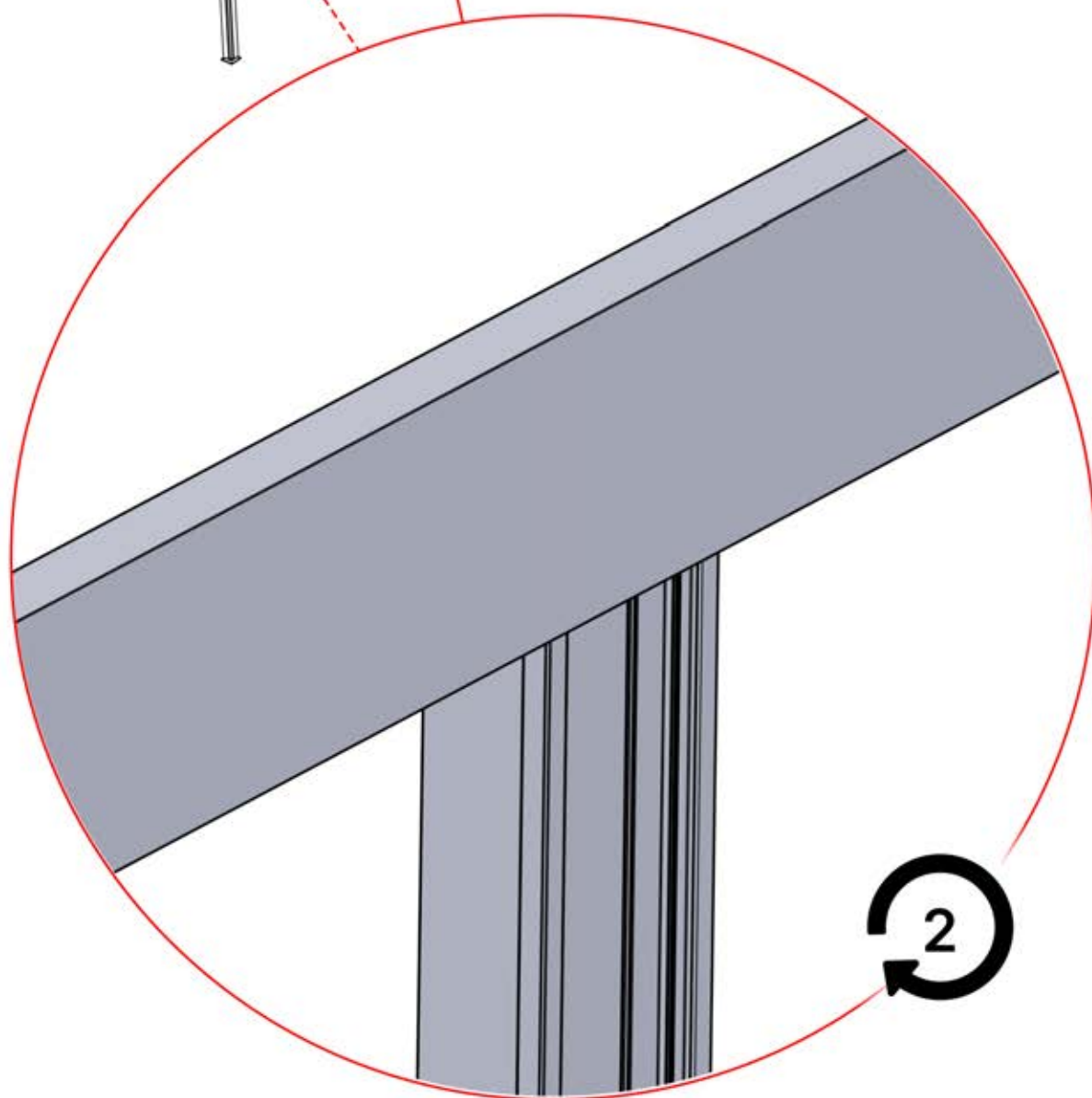
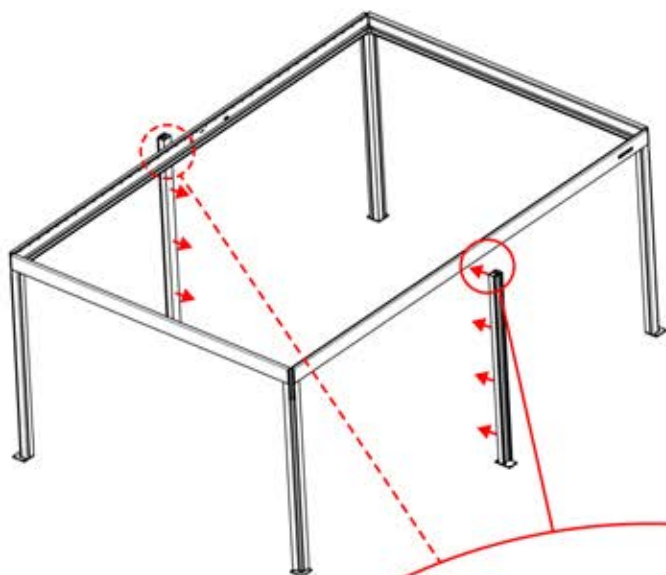
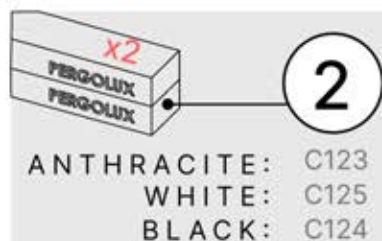
PN-200000568
16x

PN-20000
3285

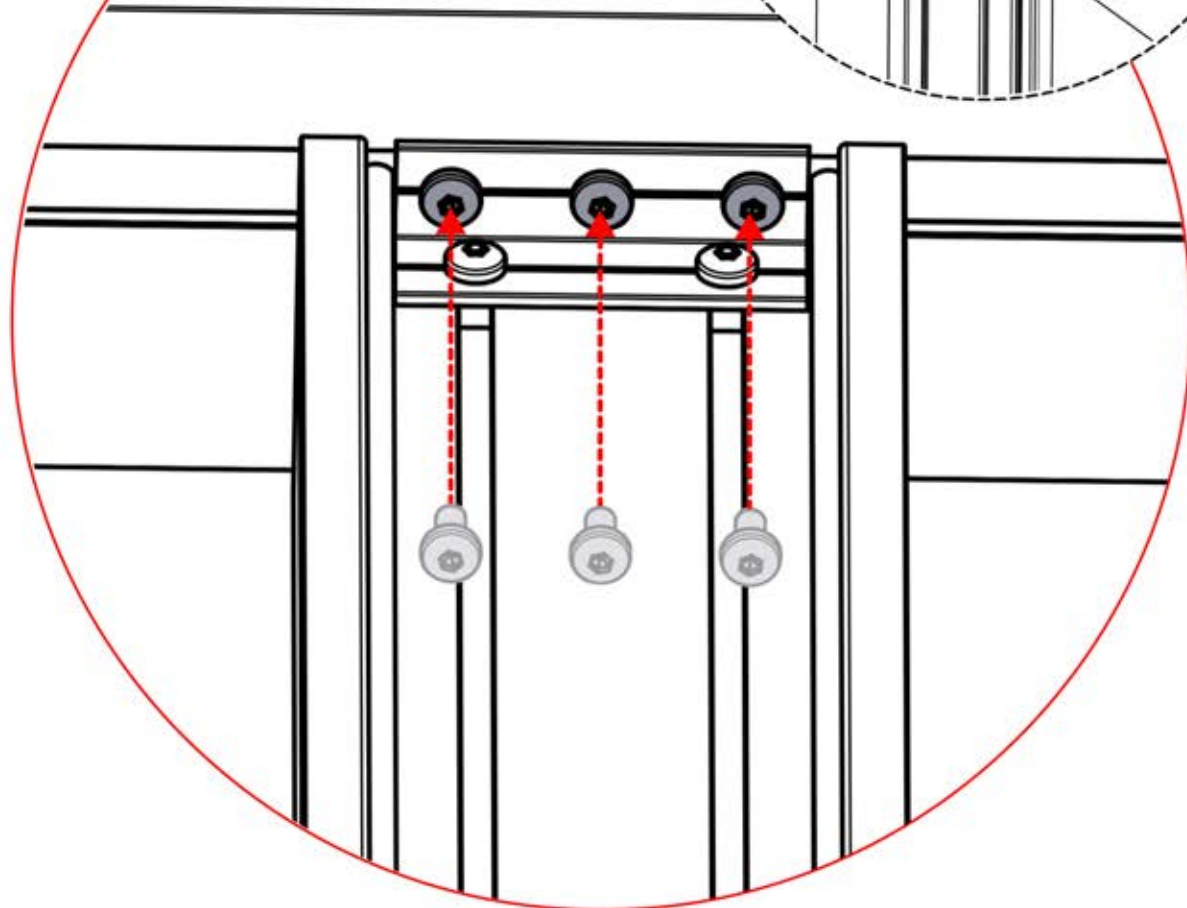
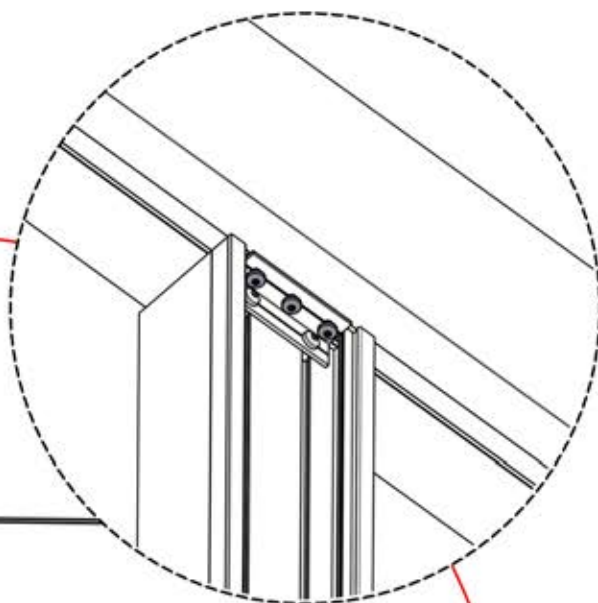
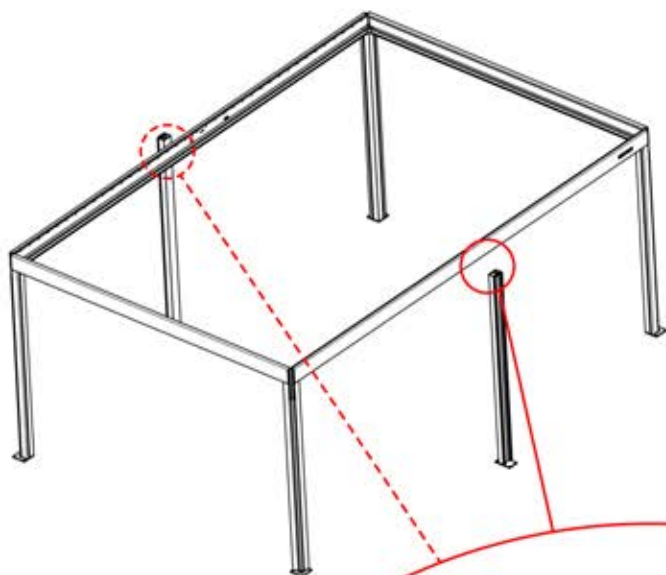
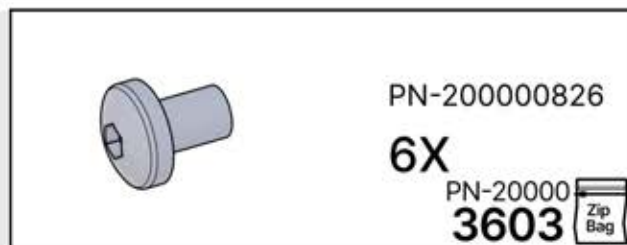
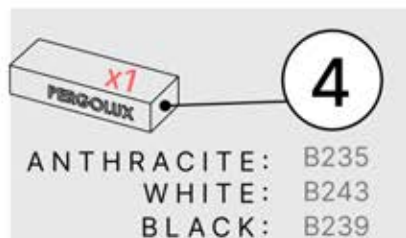
Zip Bag



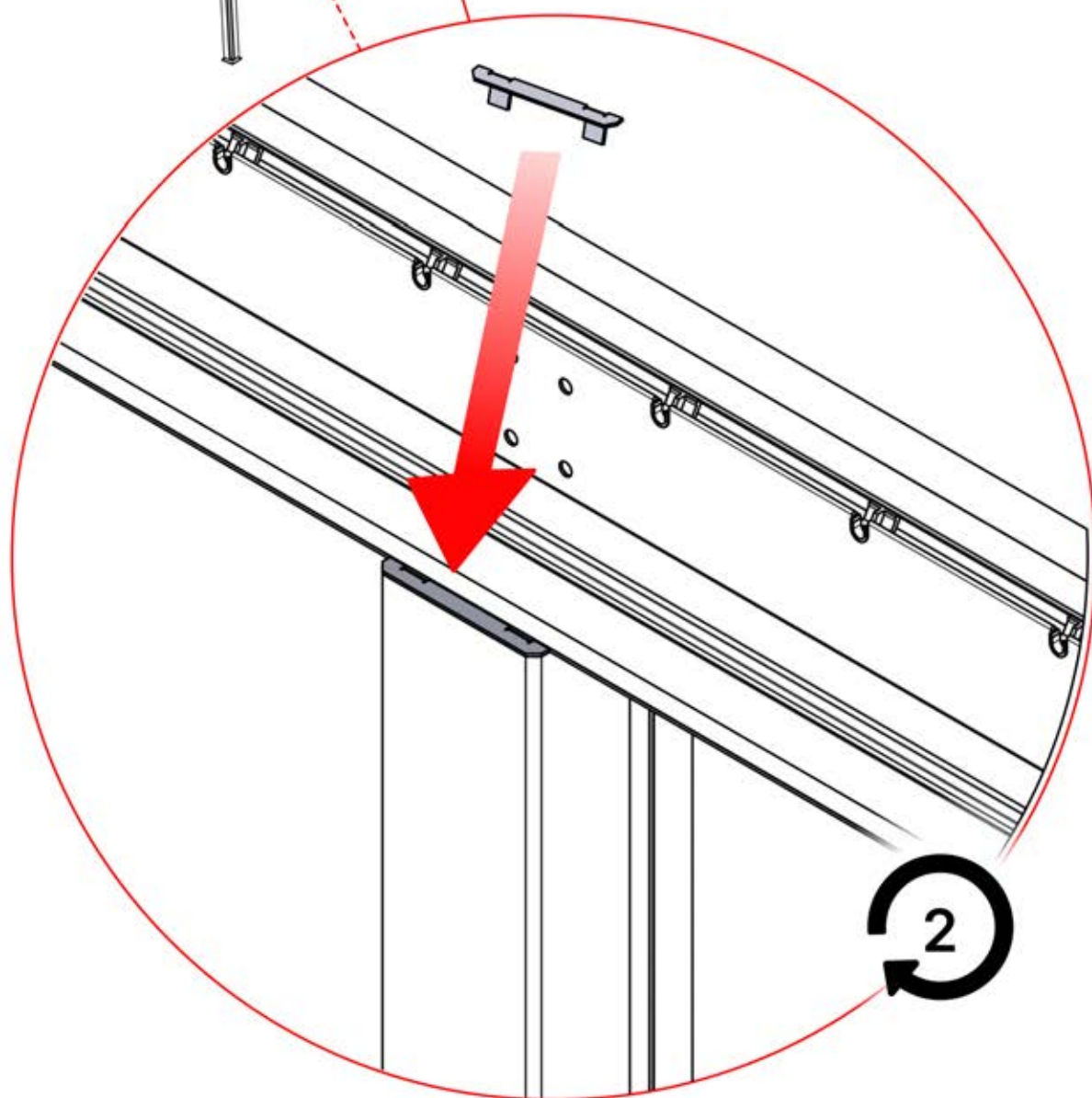
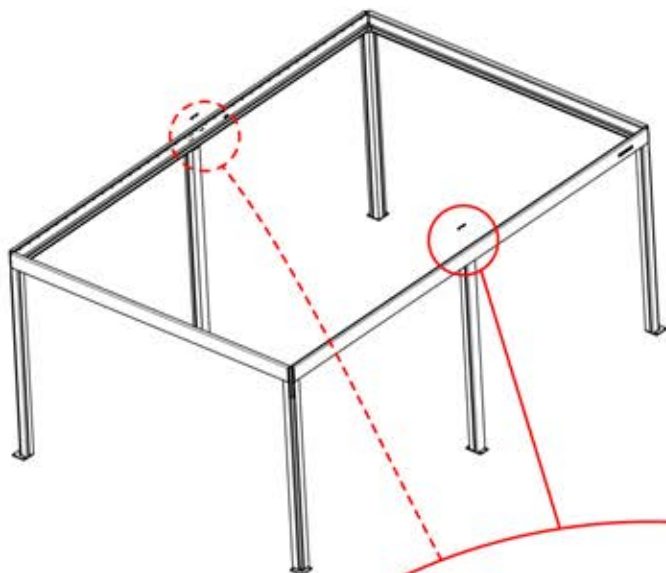
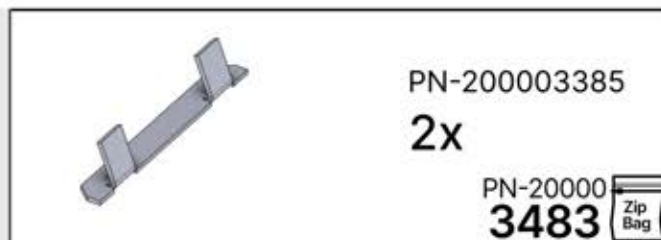
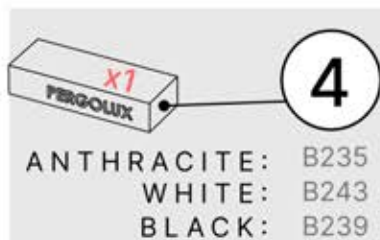
07



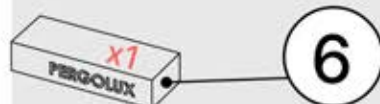
08



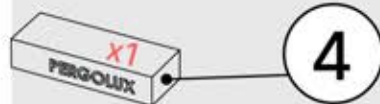
09



10

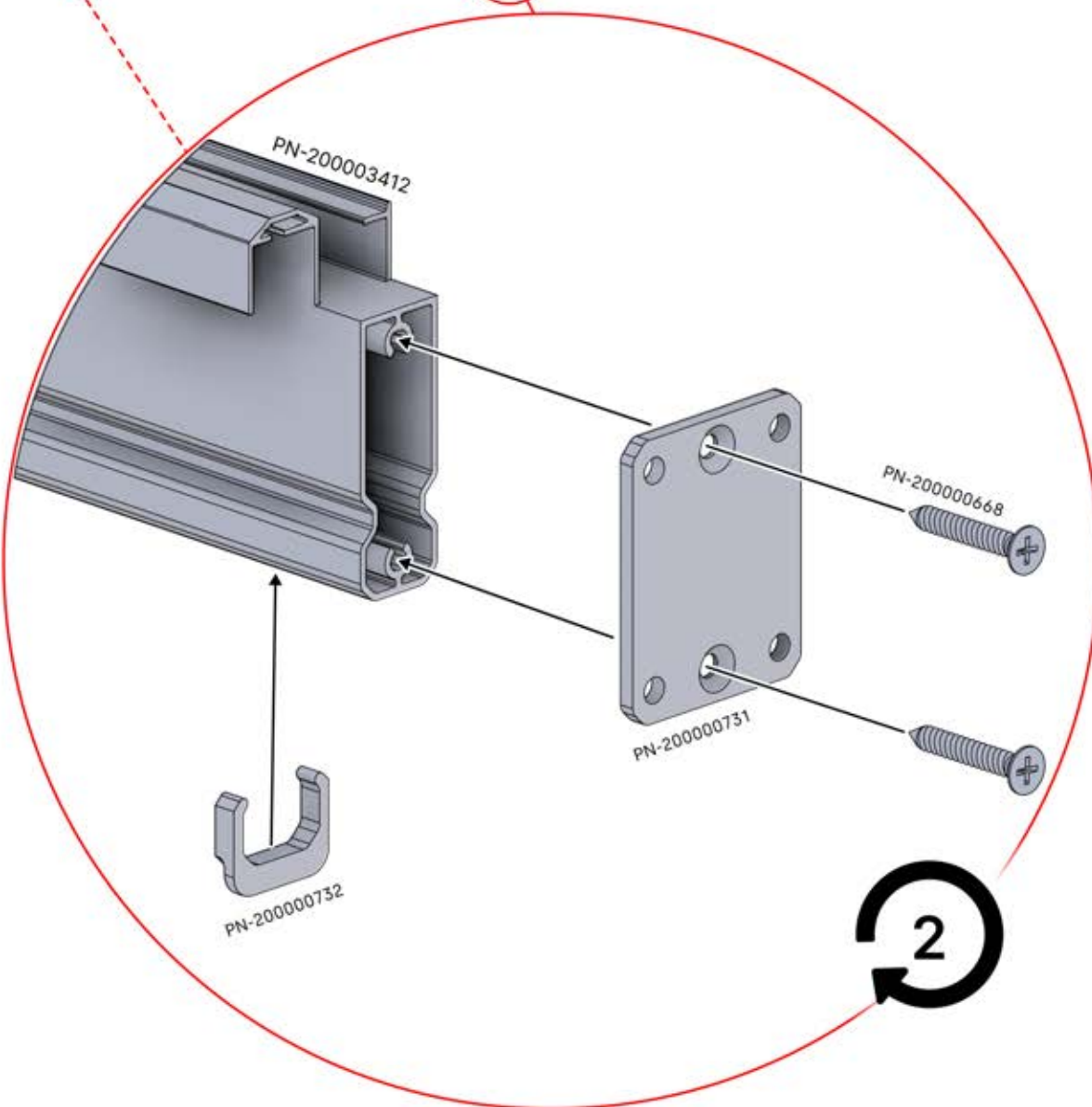


ANTHRACITE: B269
WHITE: B273
BLACK: B271



ANTHRACITE: B235
WHITE: B243
BLACK: B239

PP CENTER
LOUVER BEAM FS
4M
PN-200003412



11

x1
PERGOLUX

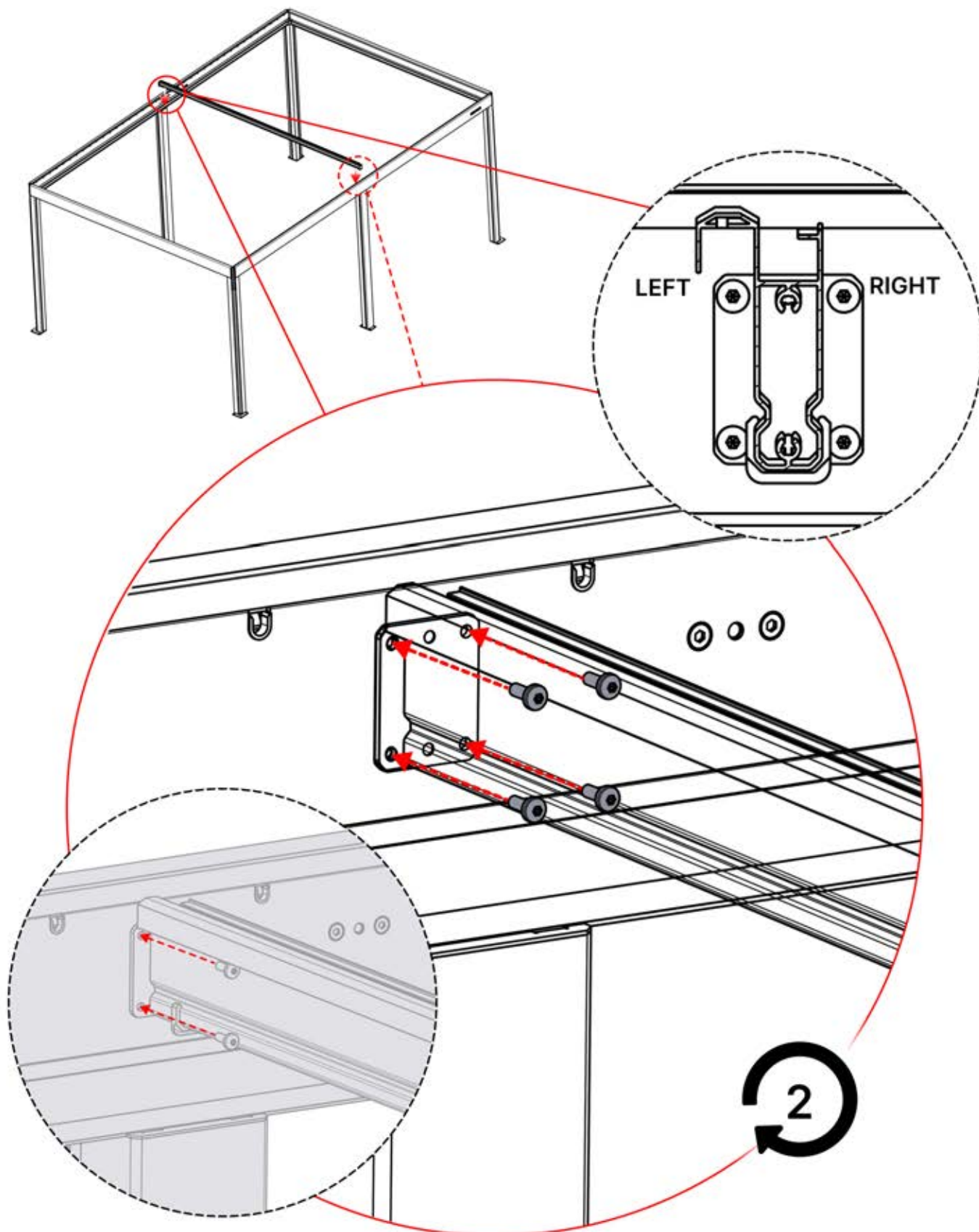
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

PN-200000415
8x

PN-20000
3414

Zip Bag



12



4

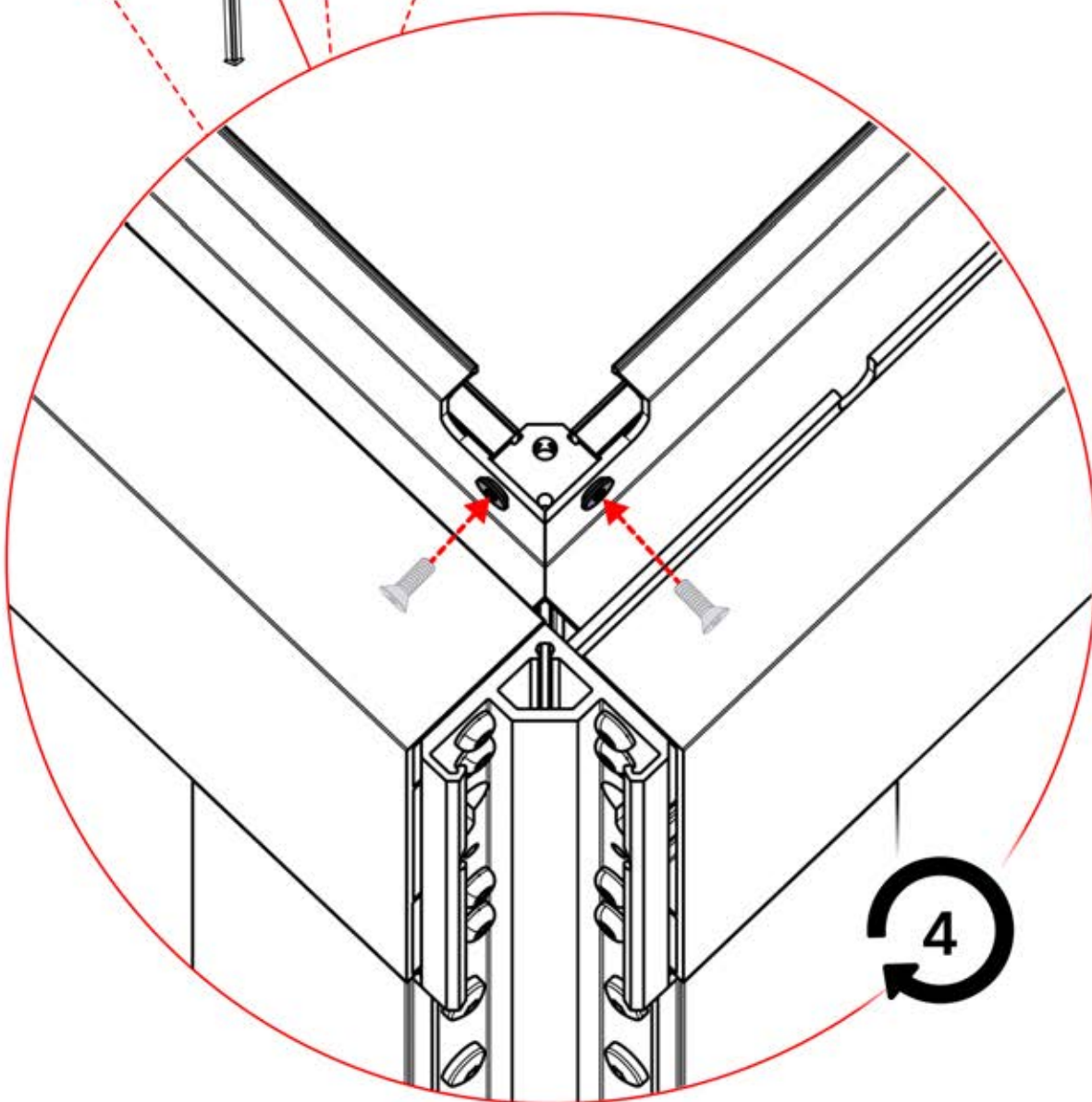
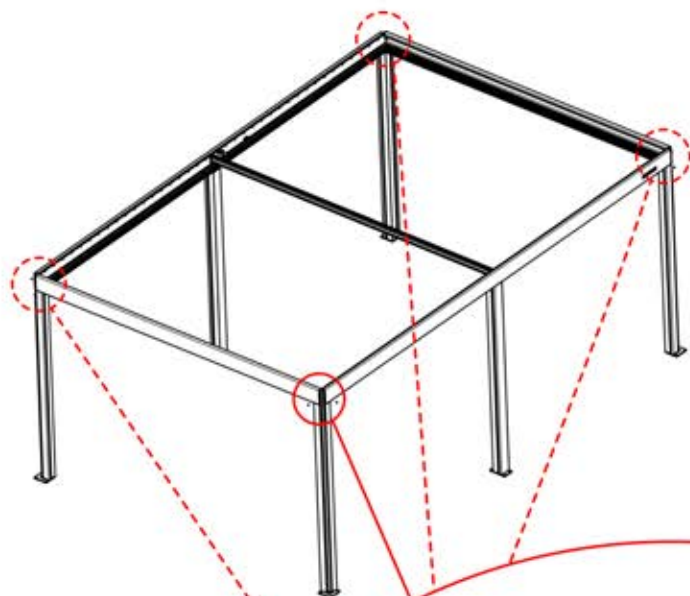
ANTHRACITE: B235
WHITE: B243
BLACK: B239



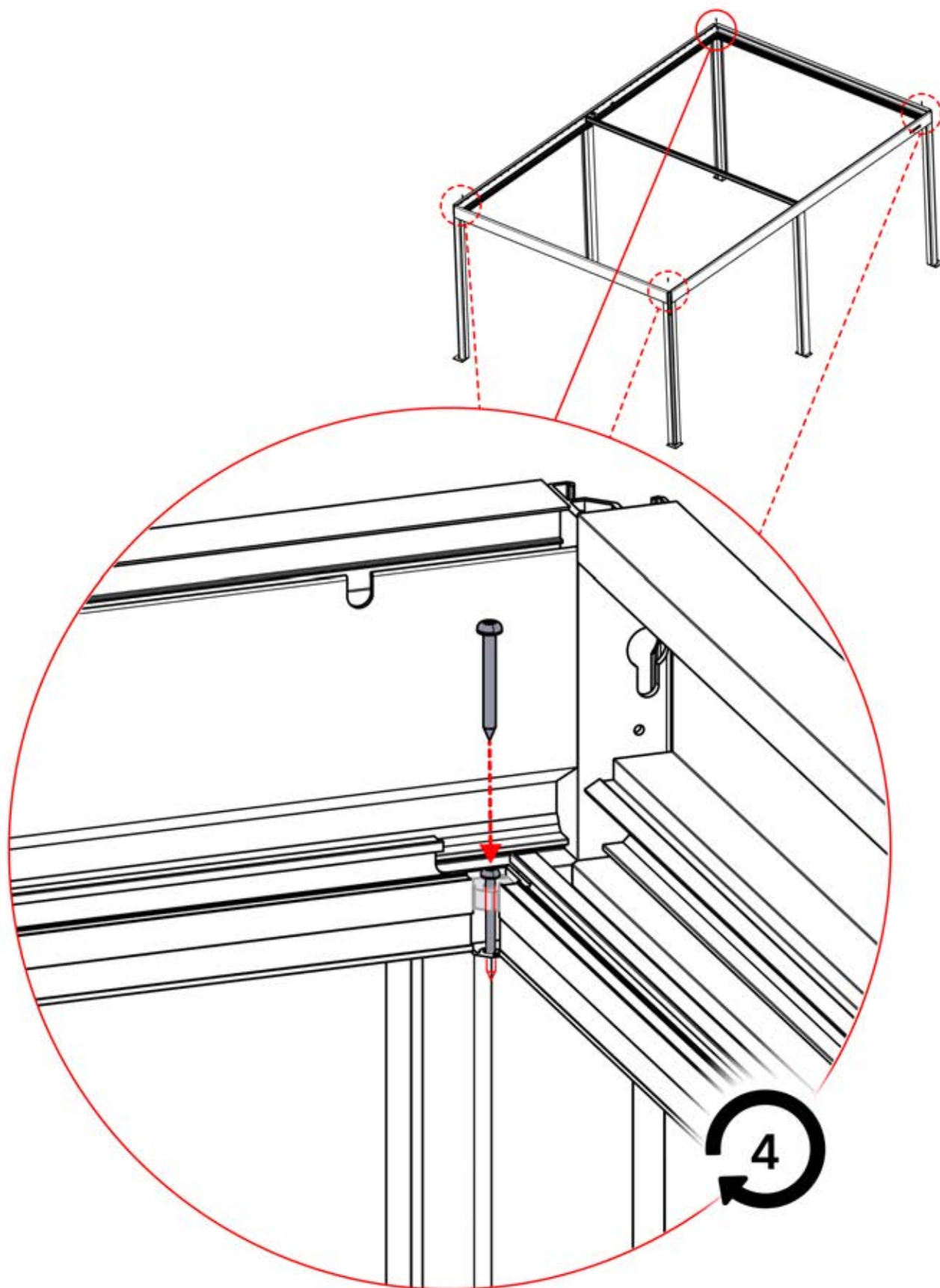
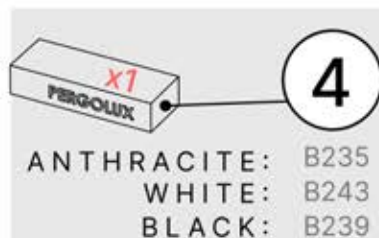
PN-200000569

8x

PN-20000
3285



13



14



4

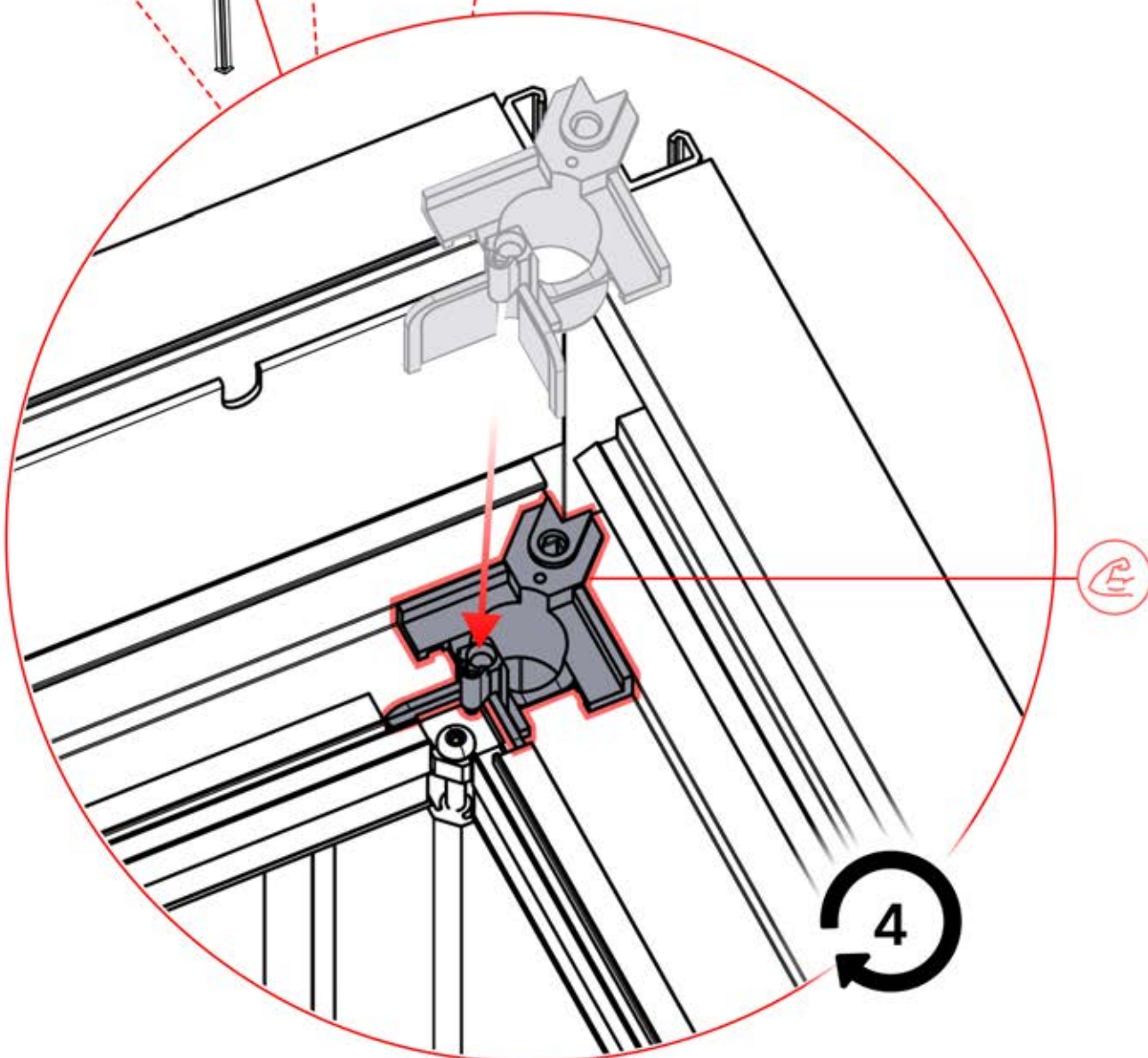
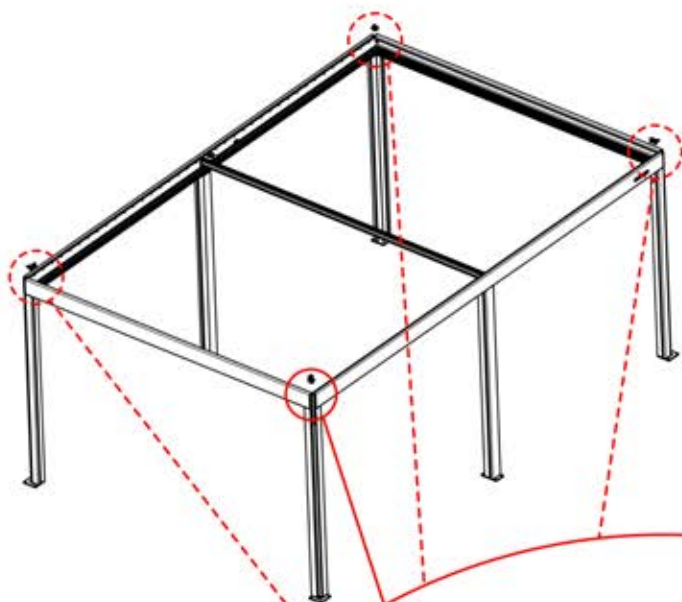
ANTHRACITE: B235
WHITE: B243
BLACK: B239



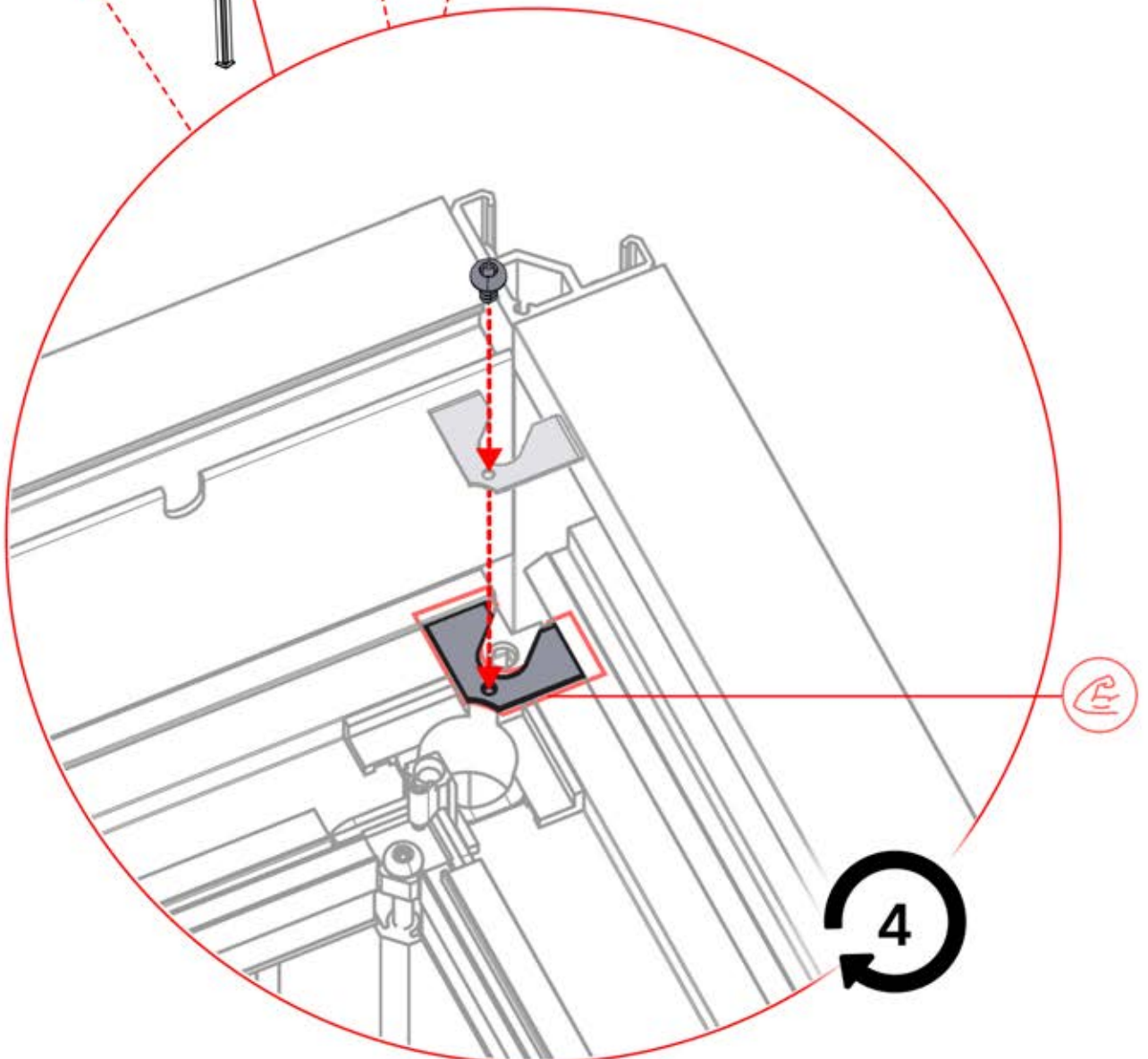
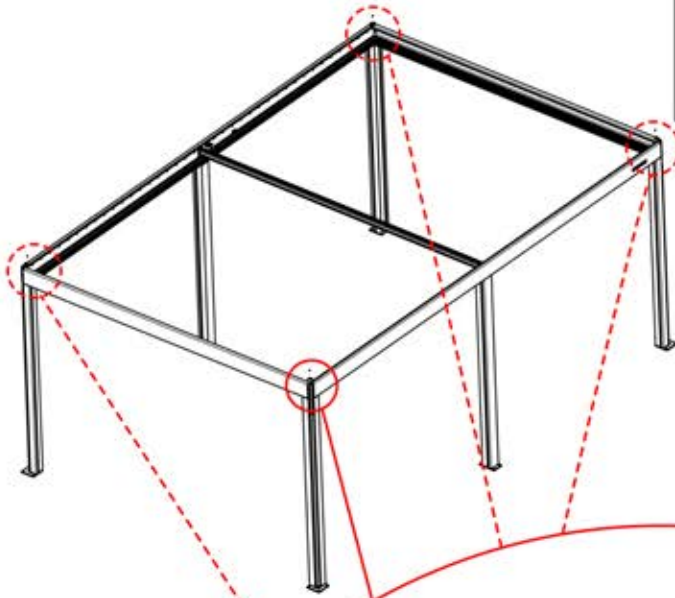
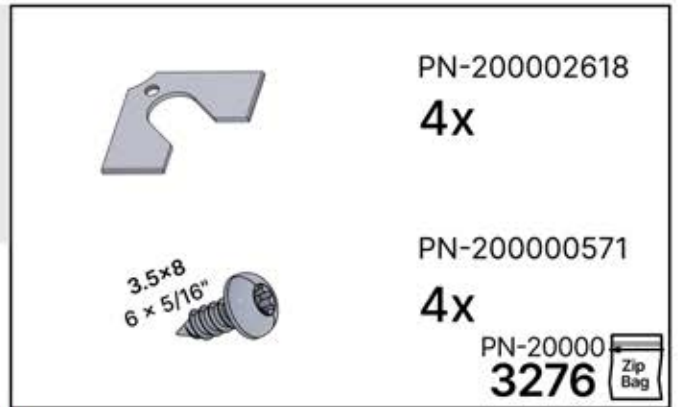
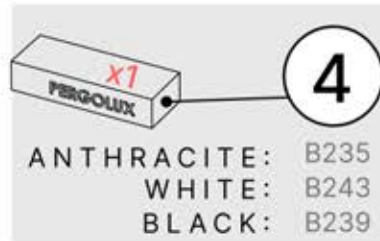
PN-200002617

4x

PN-20000
3277



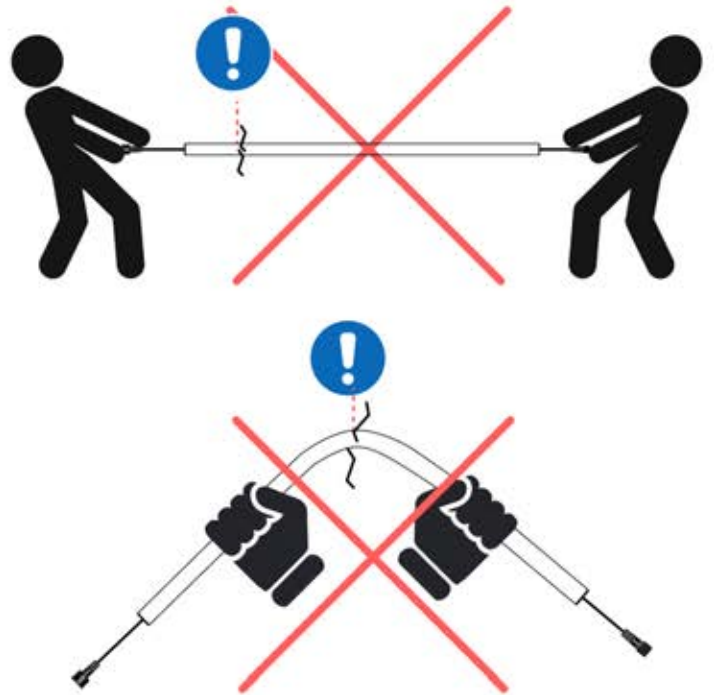
15



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.



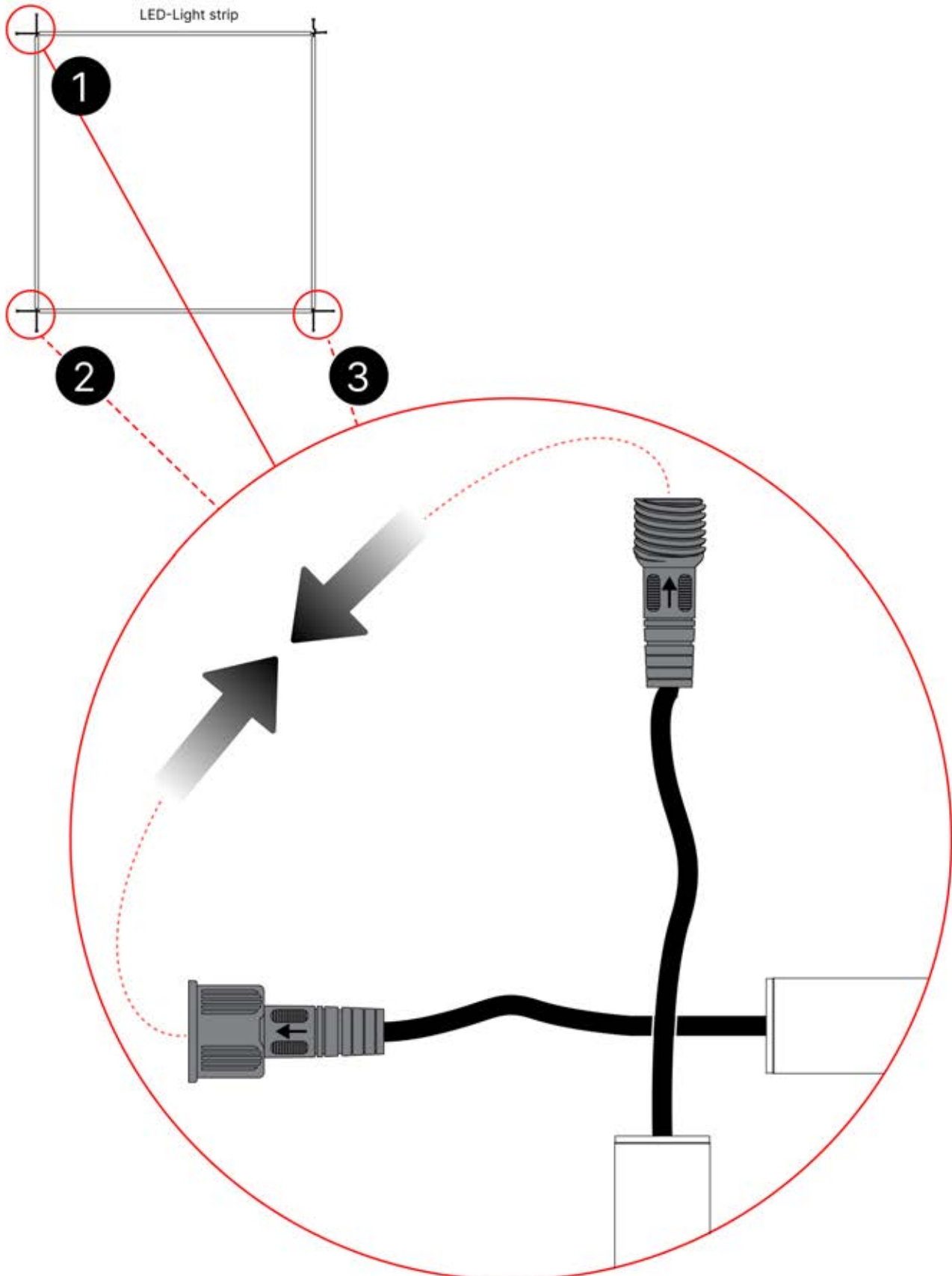
Important! Please watch all the videos before starting the assembly.

The videos contain important information relevant to the assembly process.

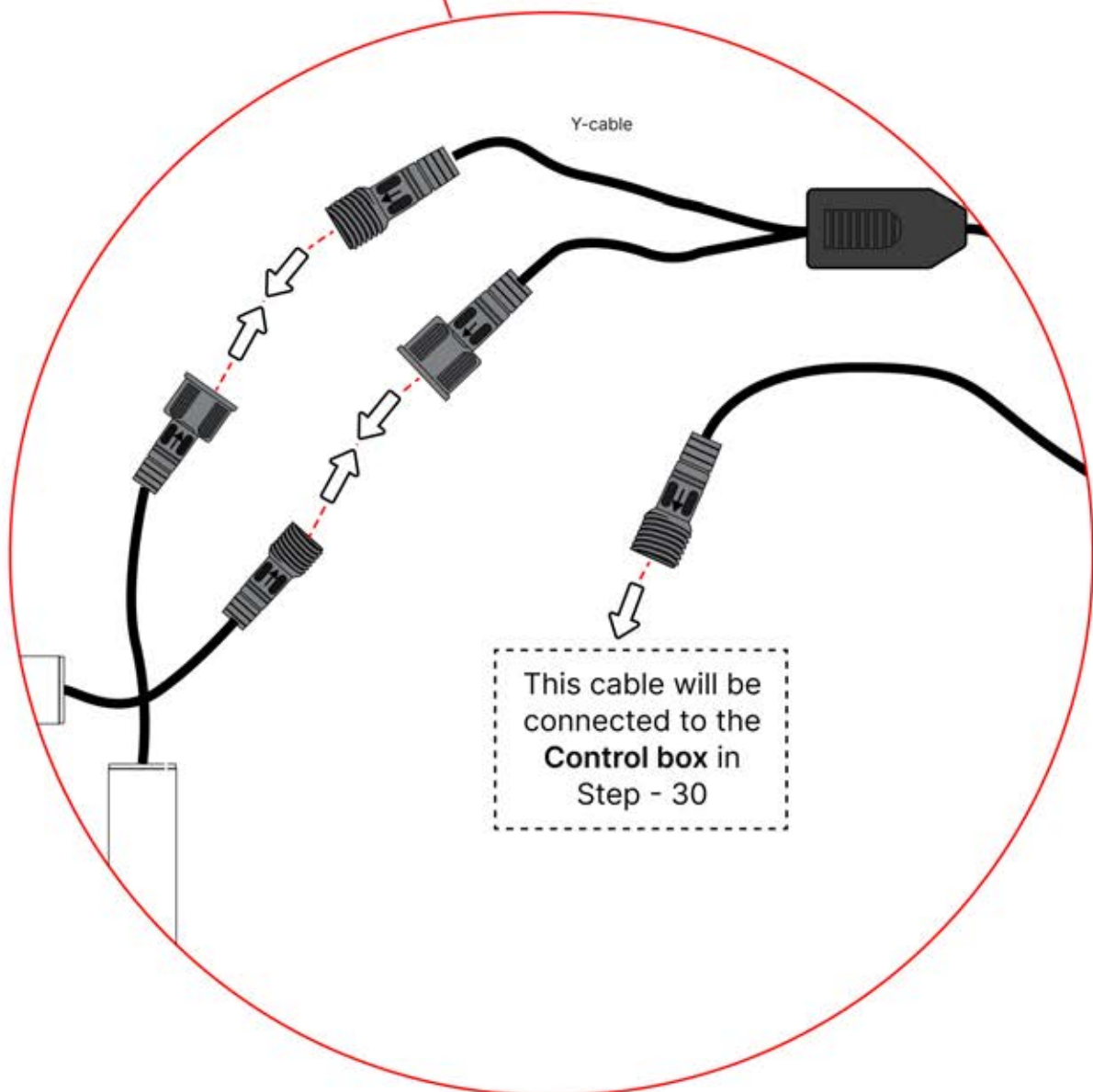
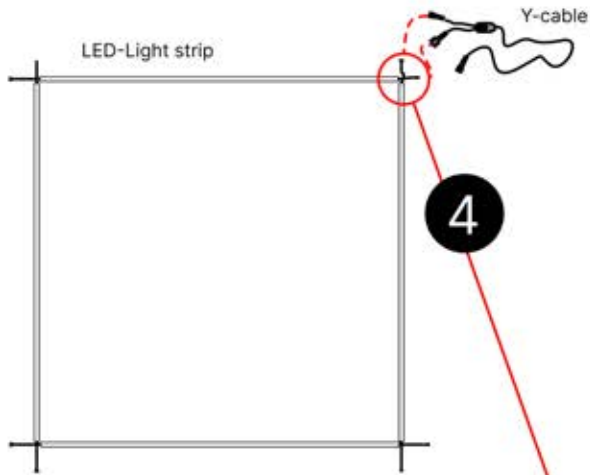


PERGOLUX LED Light S4

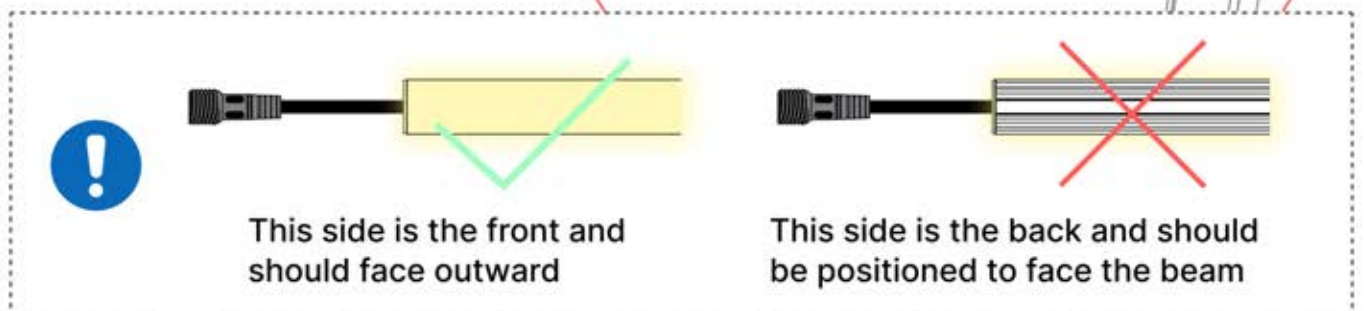
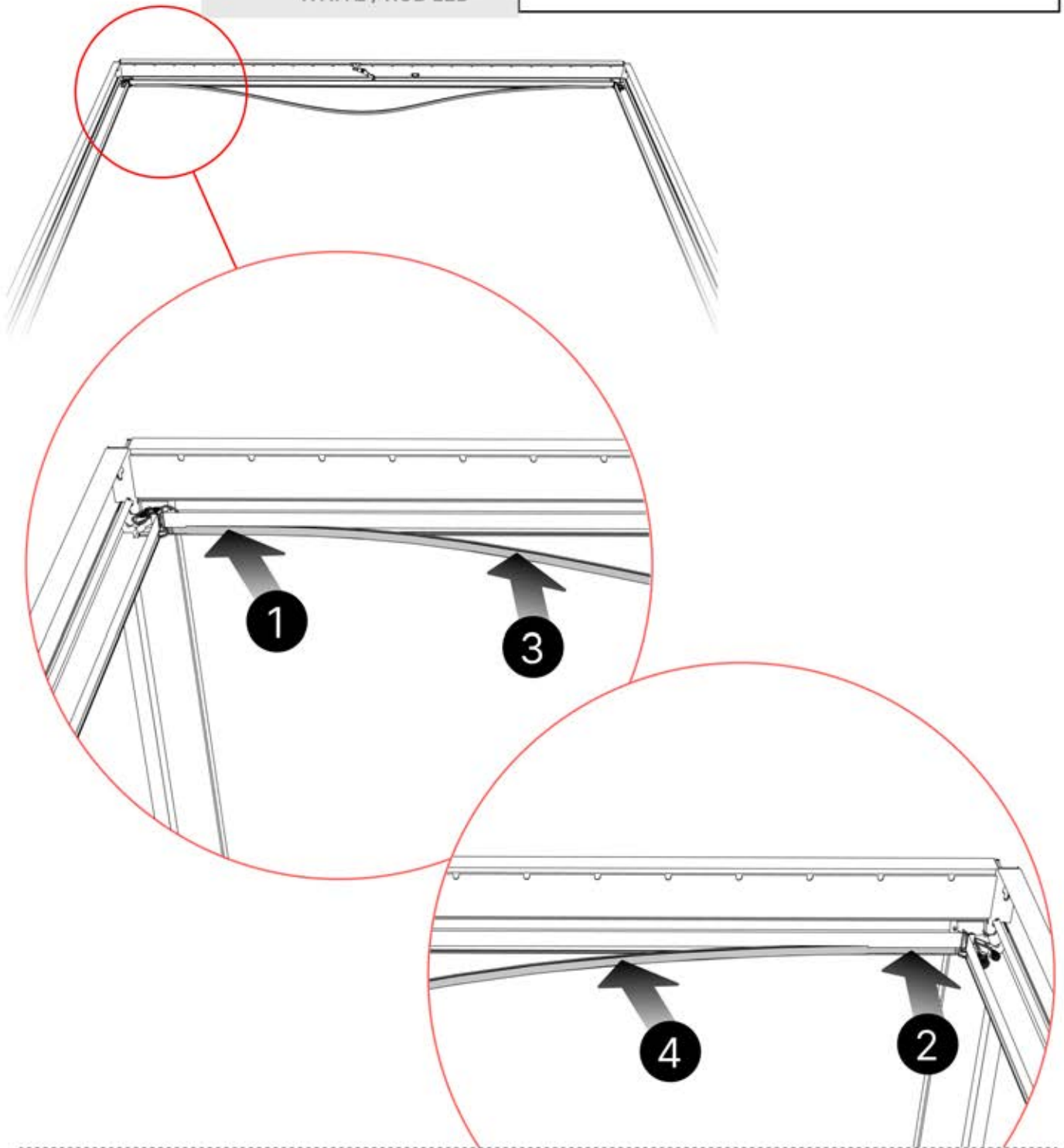
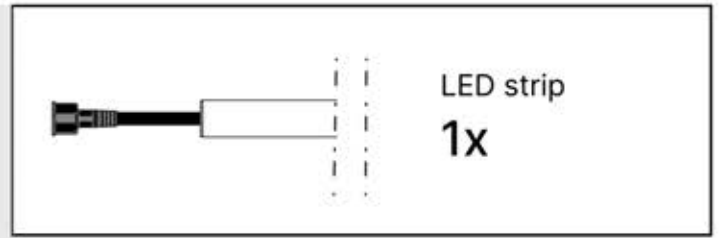
IMPORTANT INFORMATION



INFORMATION



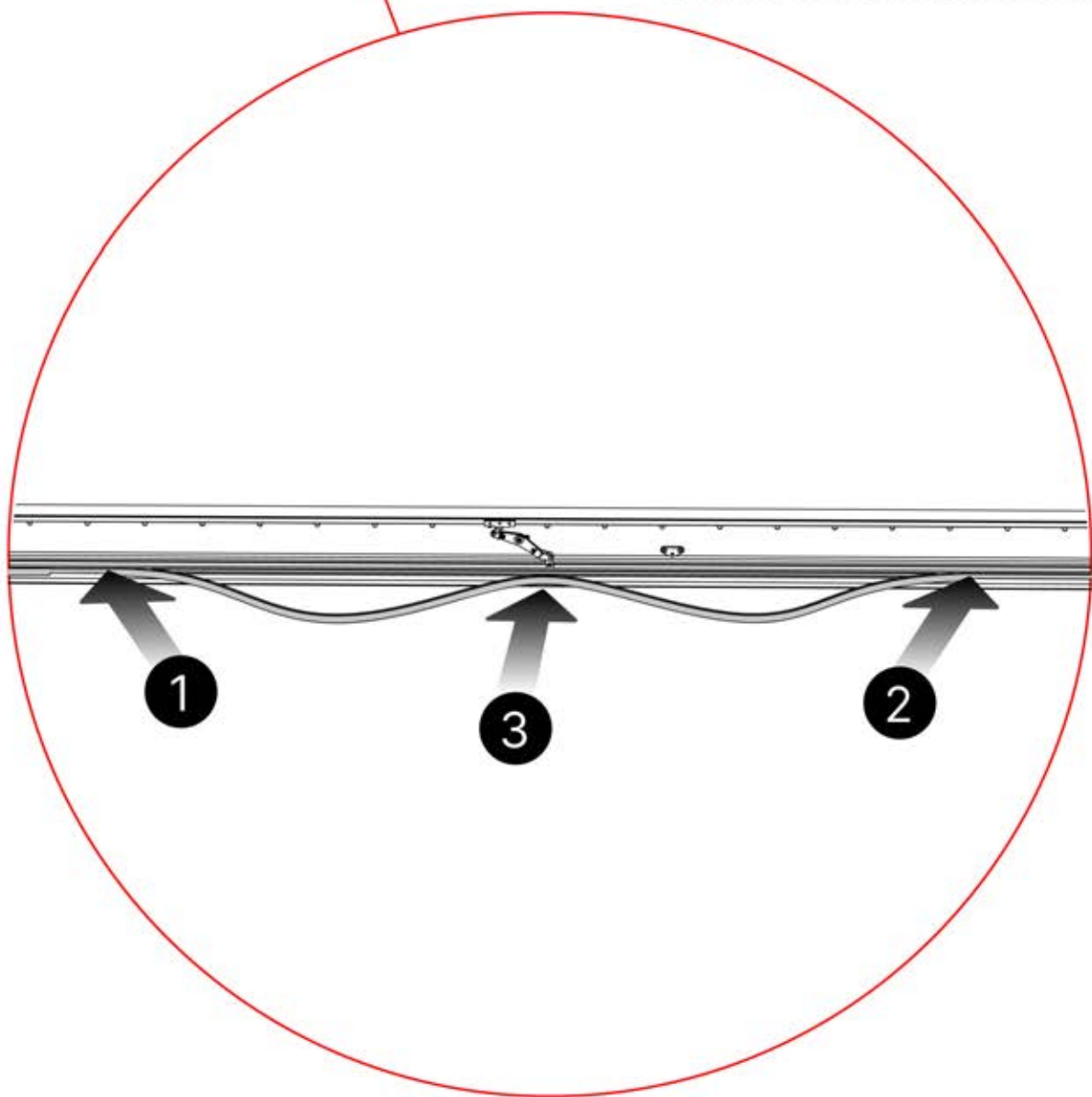
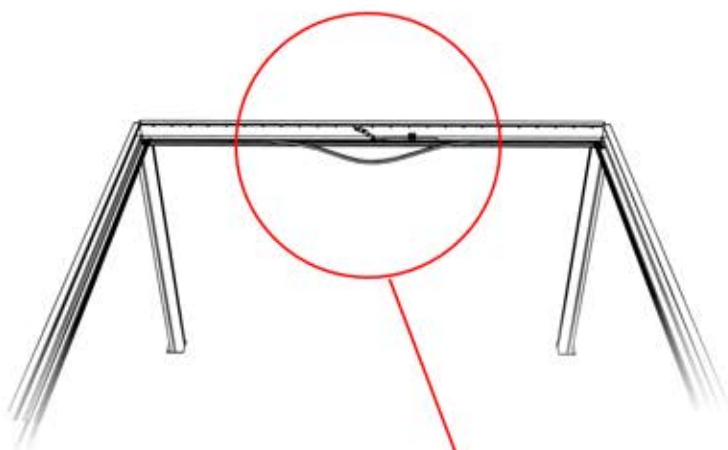
16



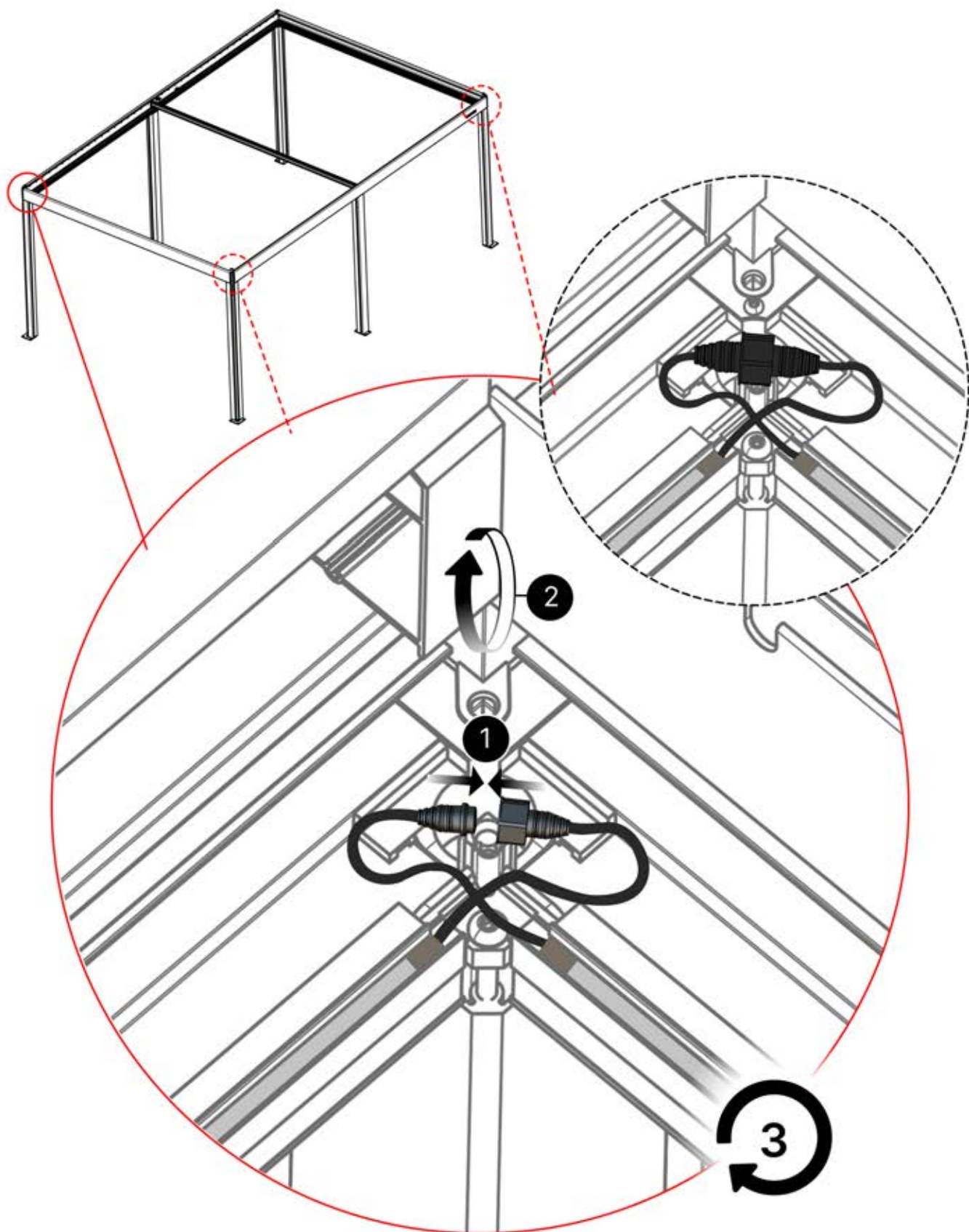
17



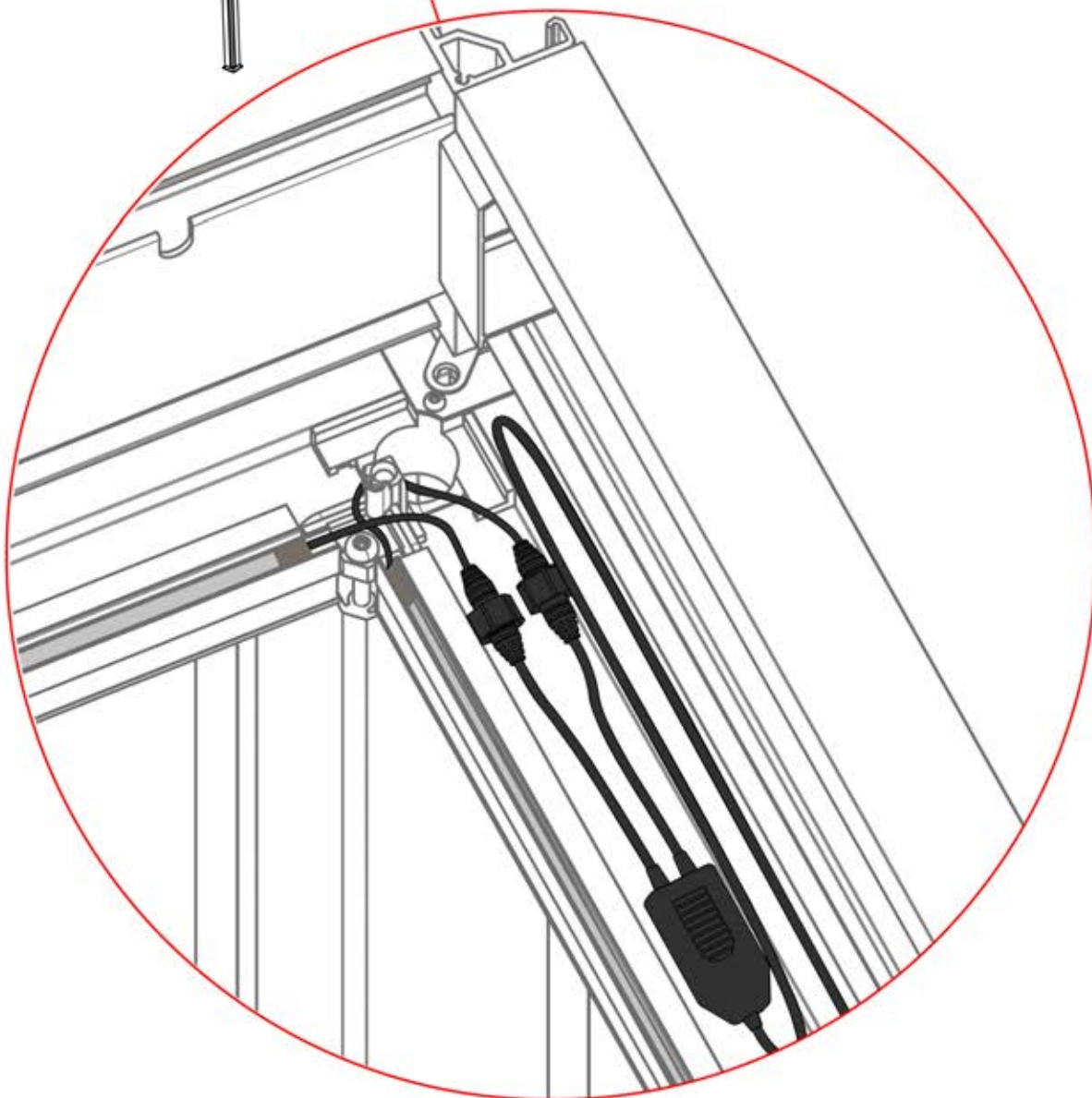
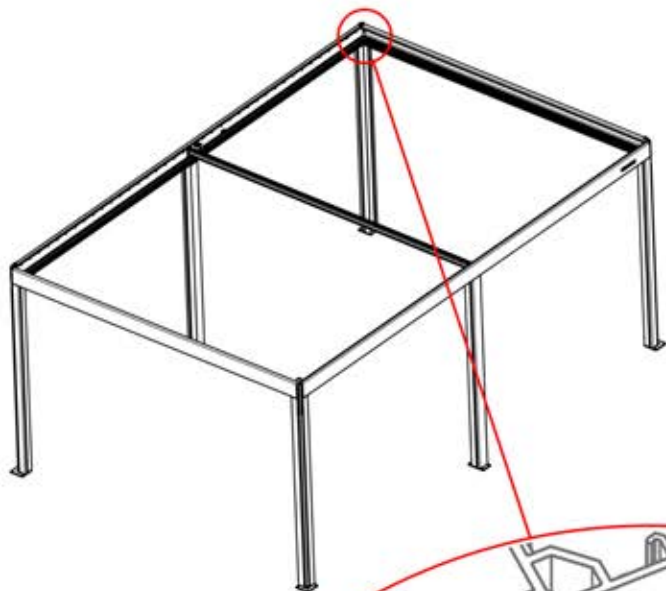
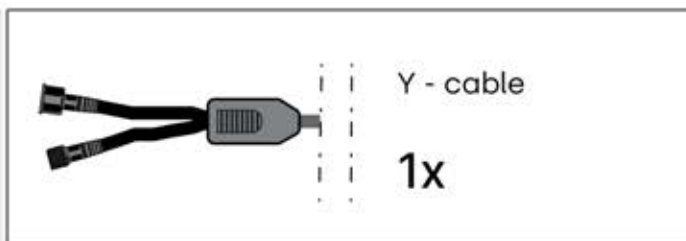
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



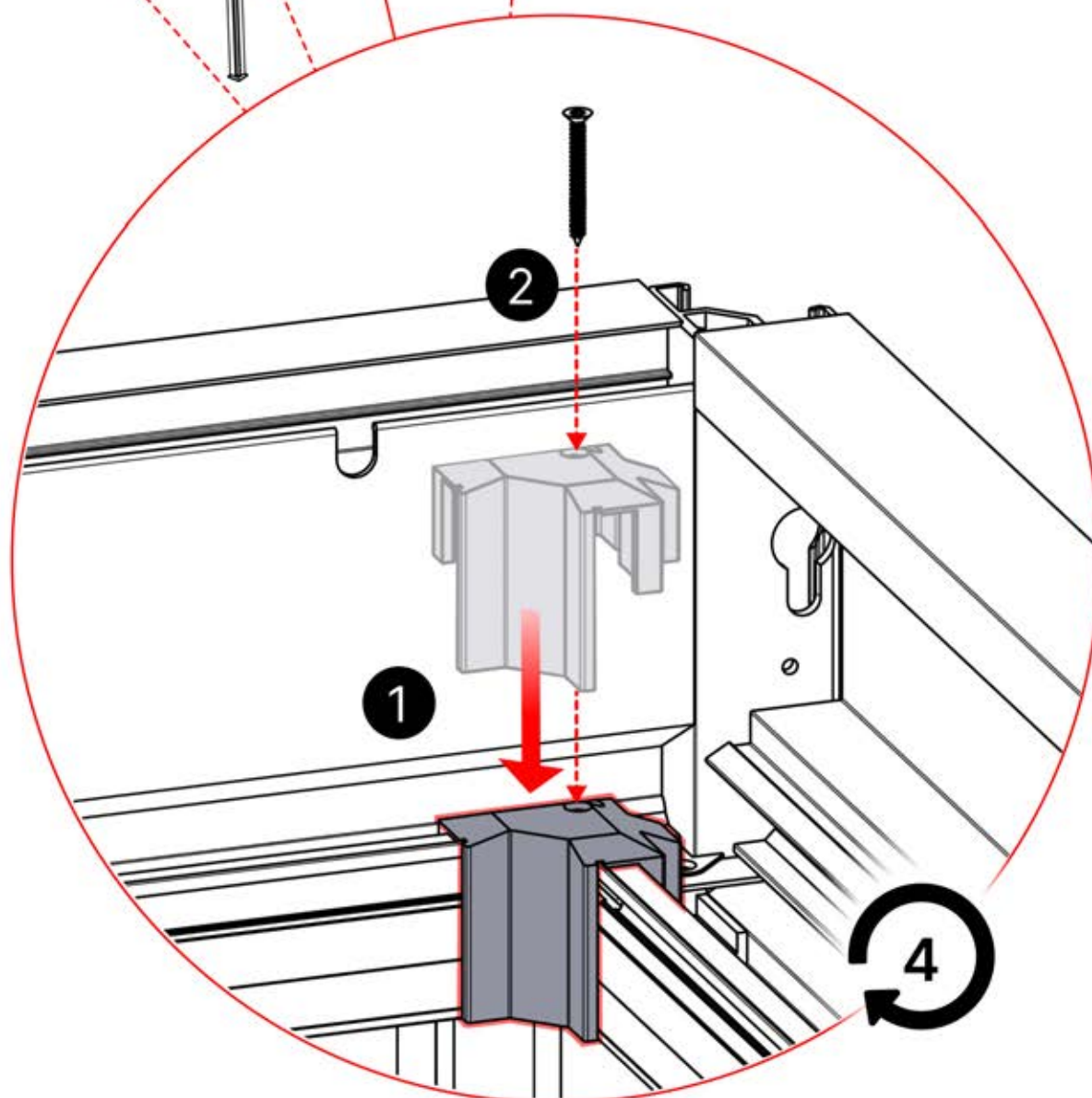
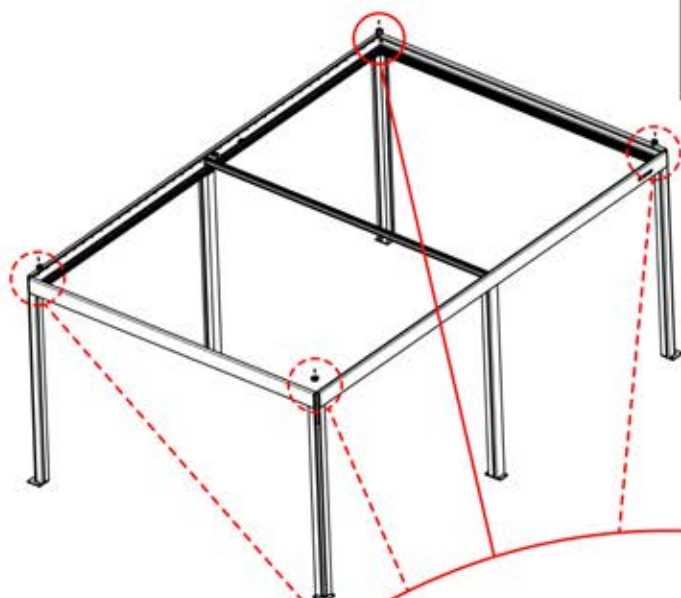
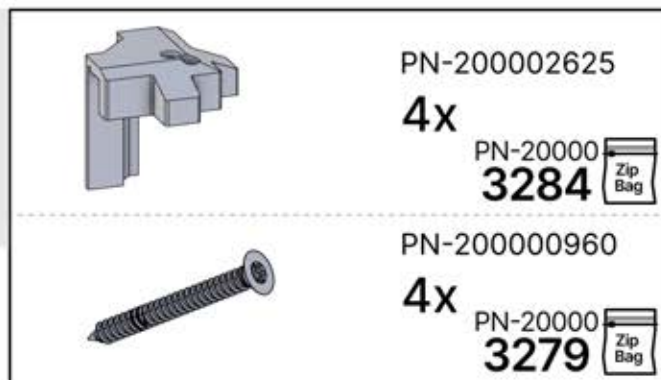
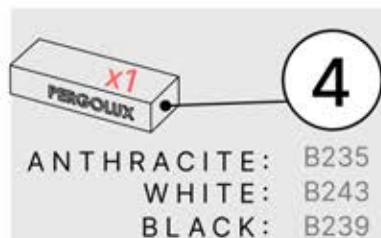
18



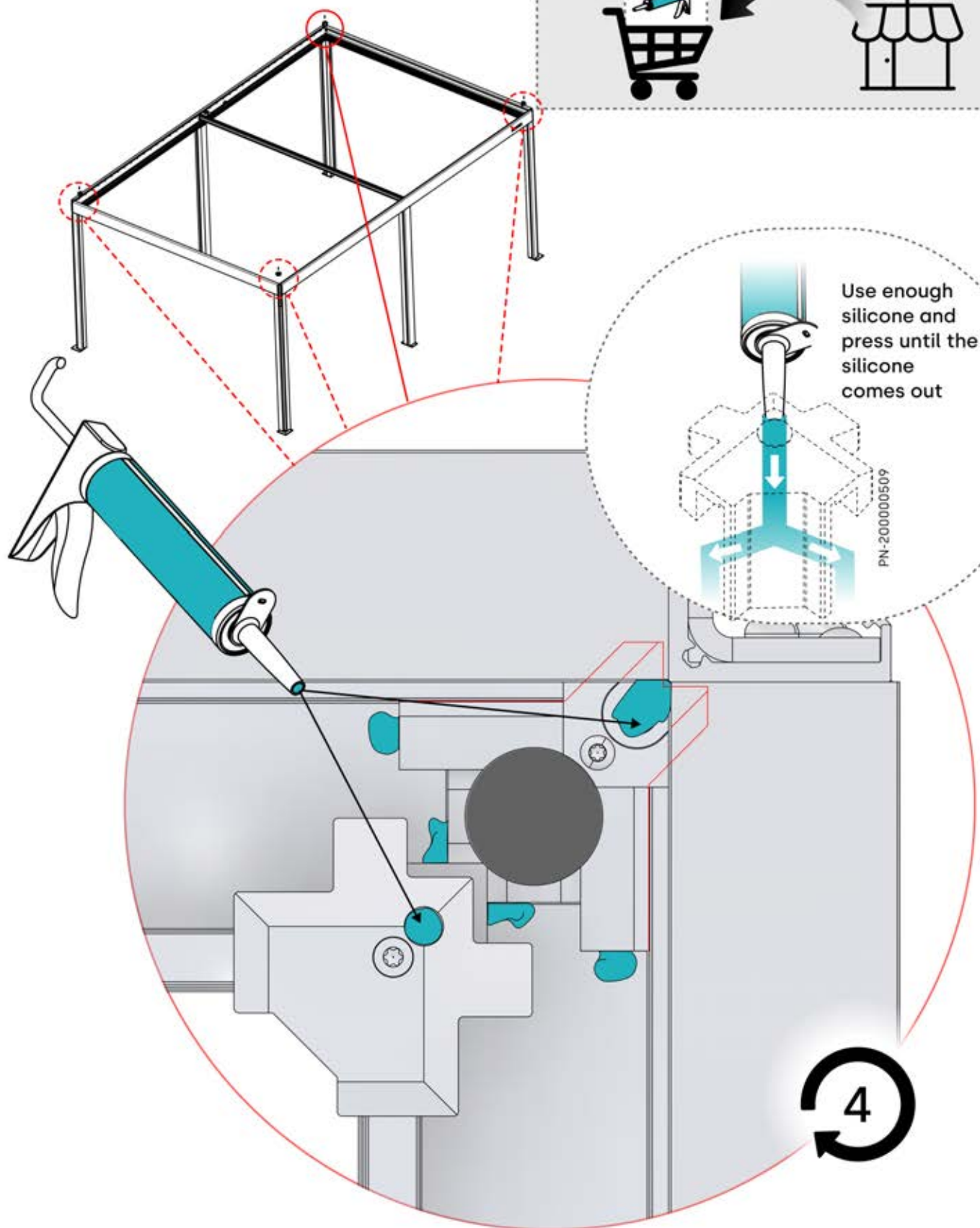
19



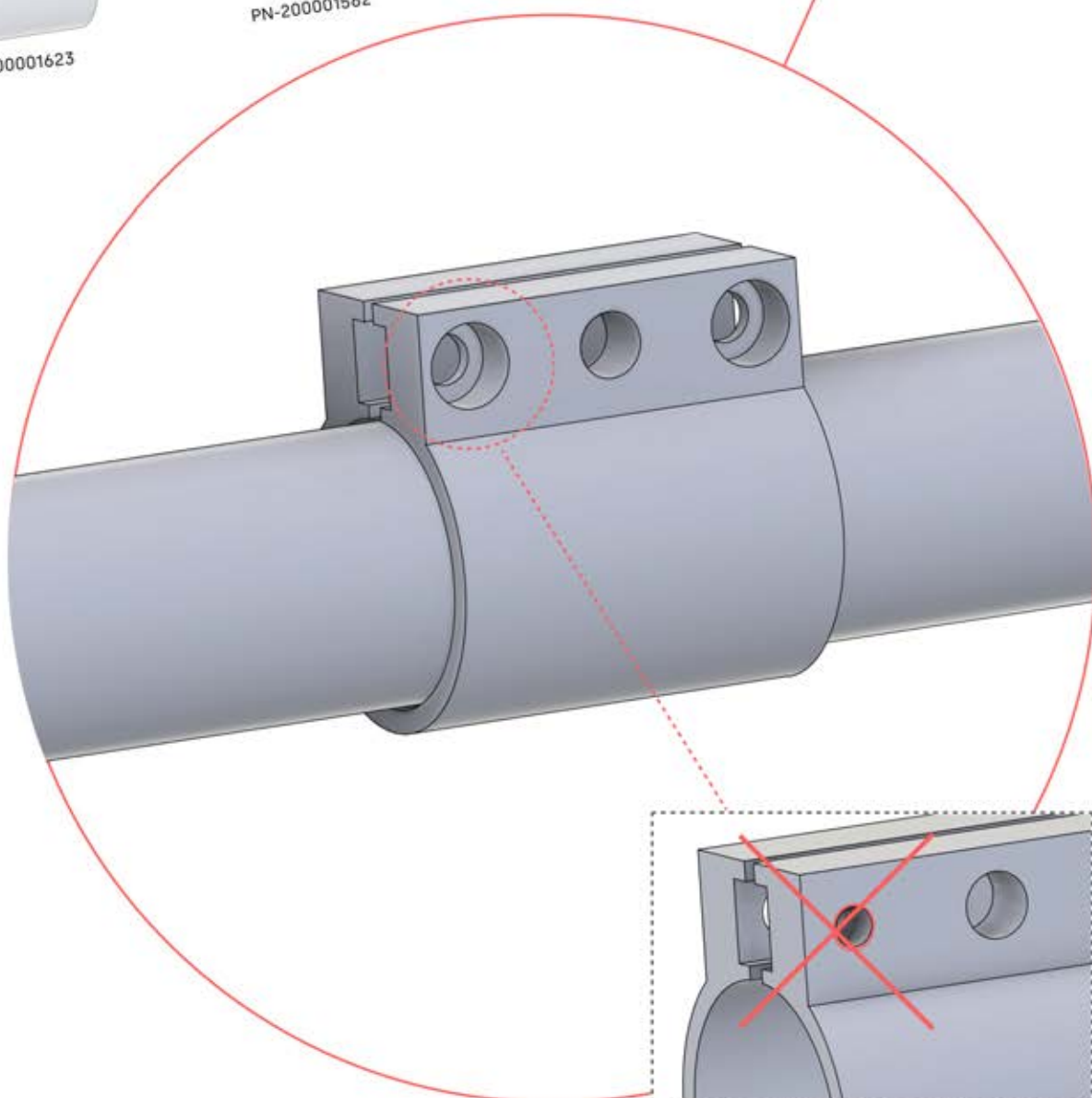
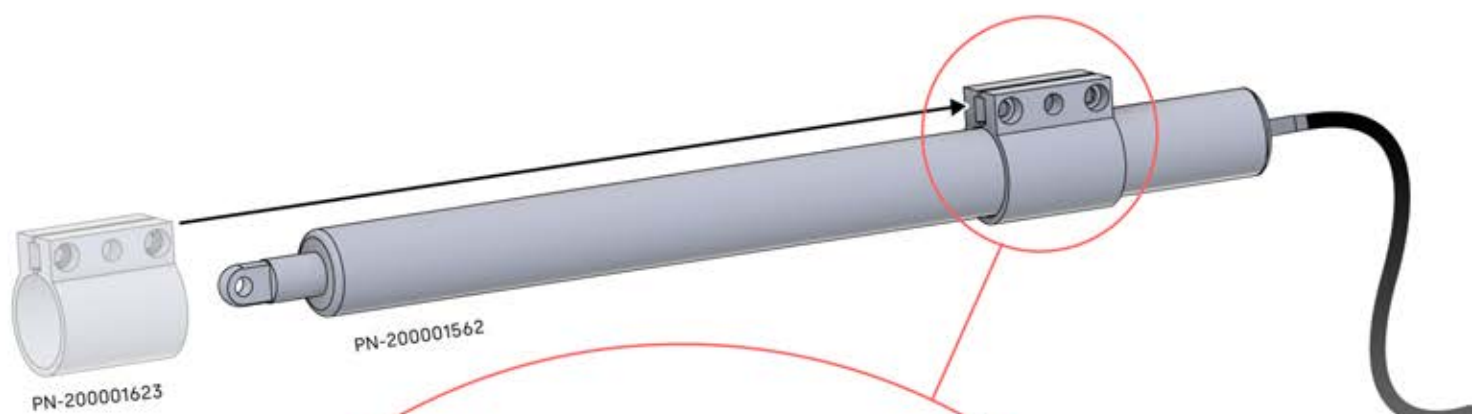
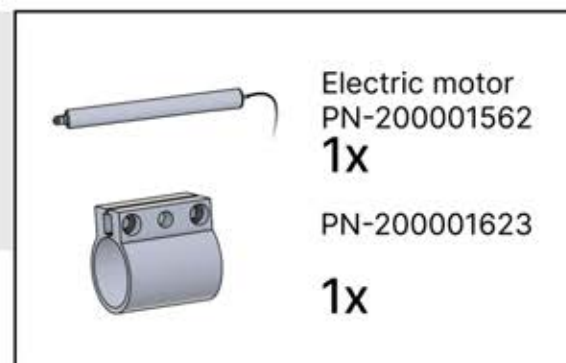
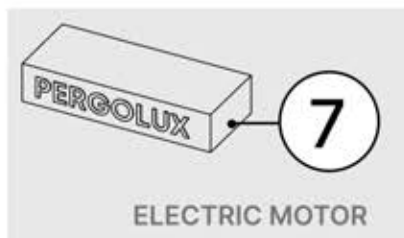
20



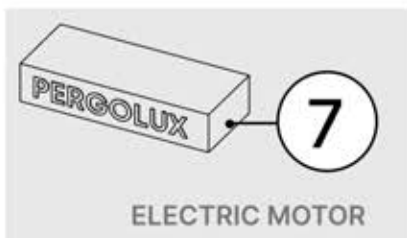
21



22



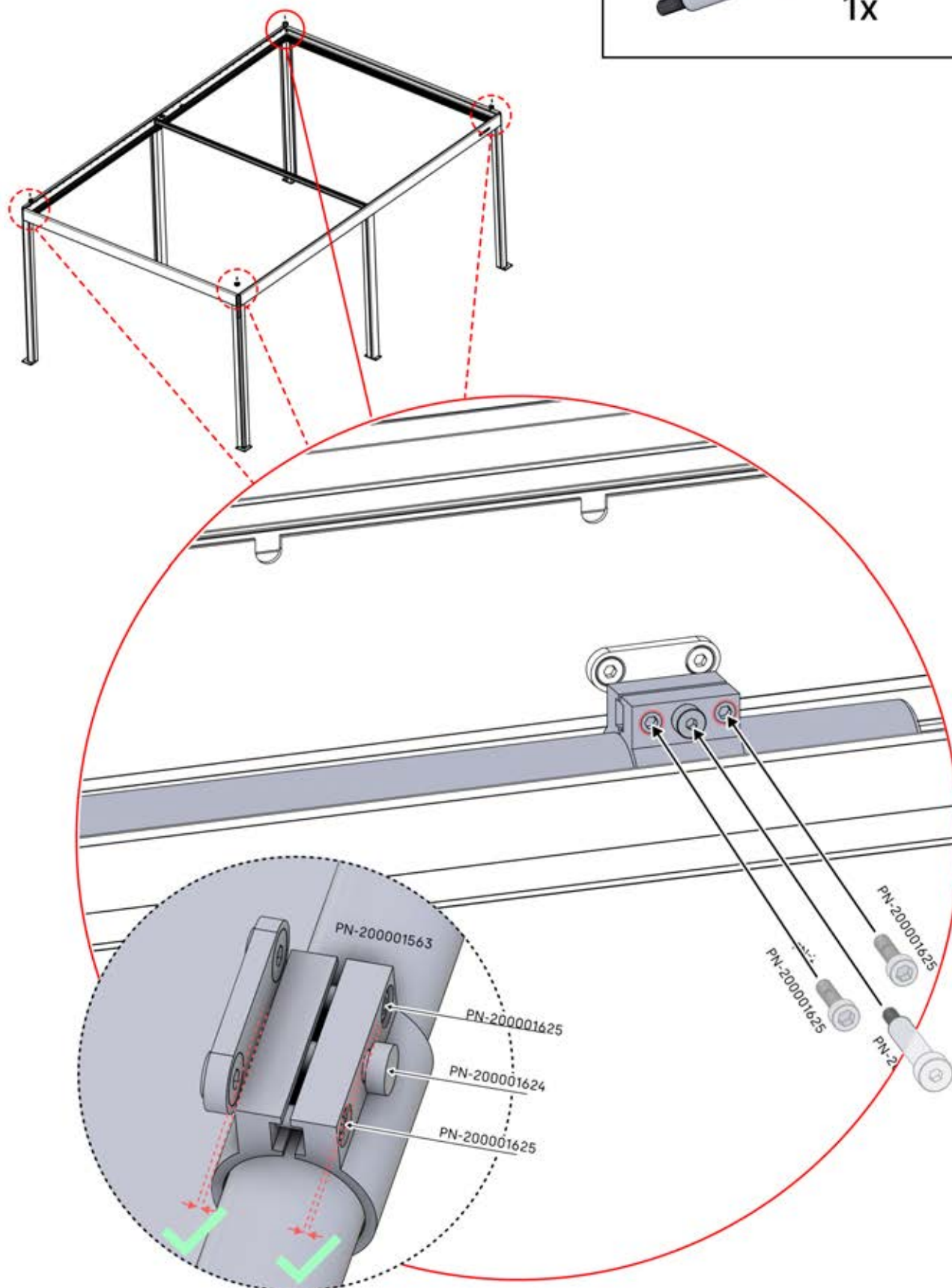
23



PN-200001625
2x



PN-200001624
1x



24



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200003372

1x



PN-200000502

1x



PN-200003373

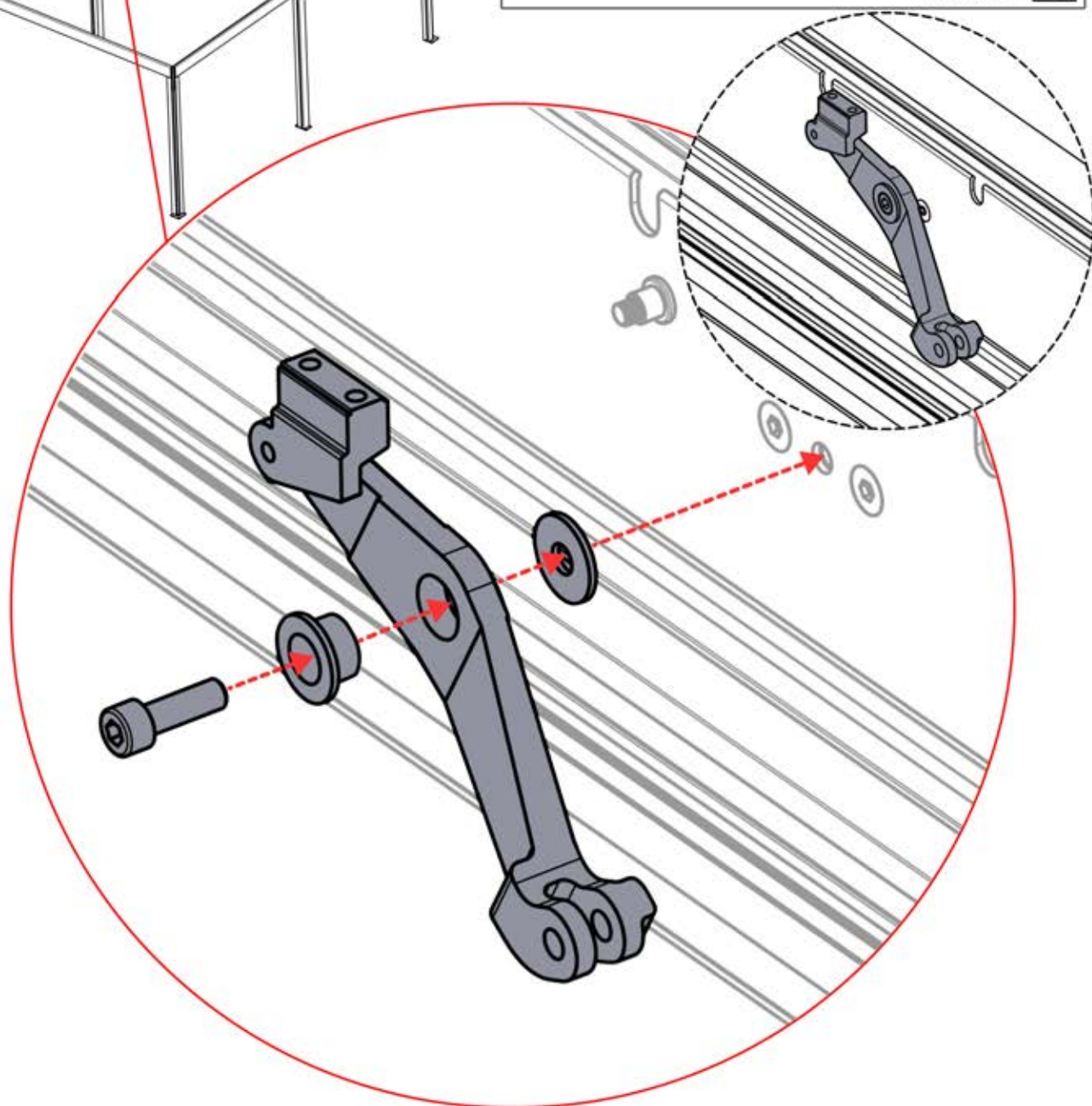
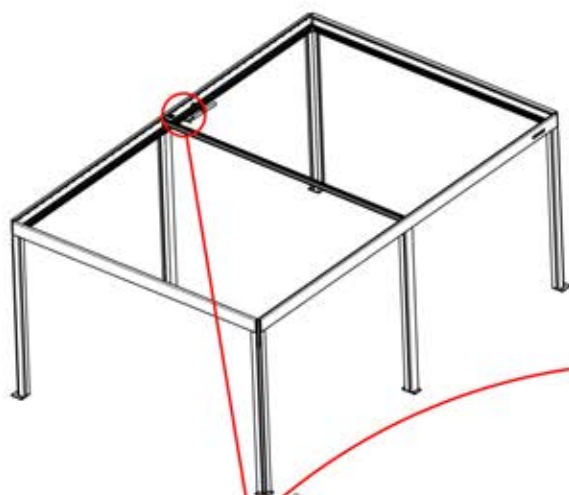
1x



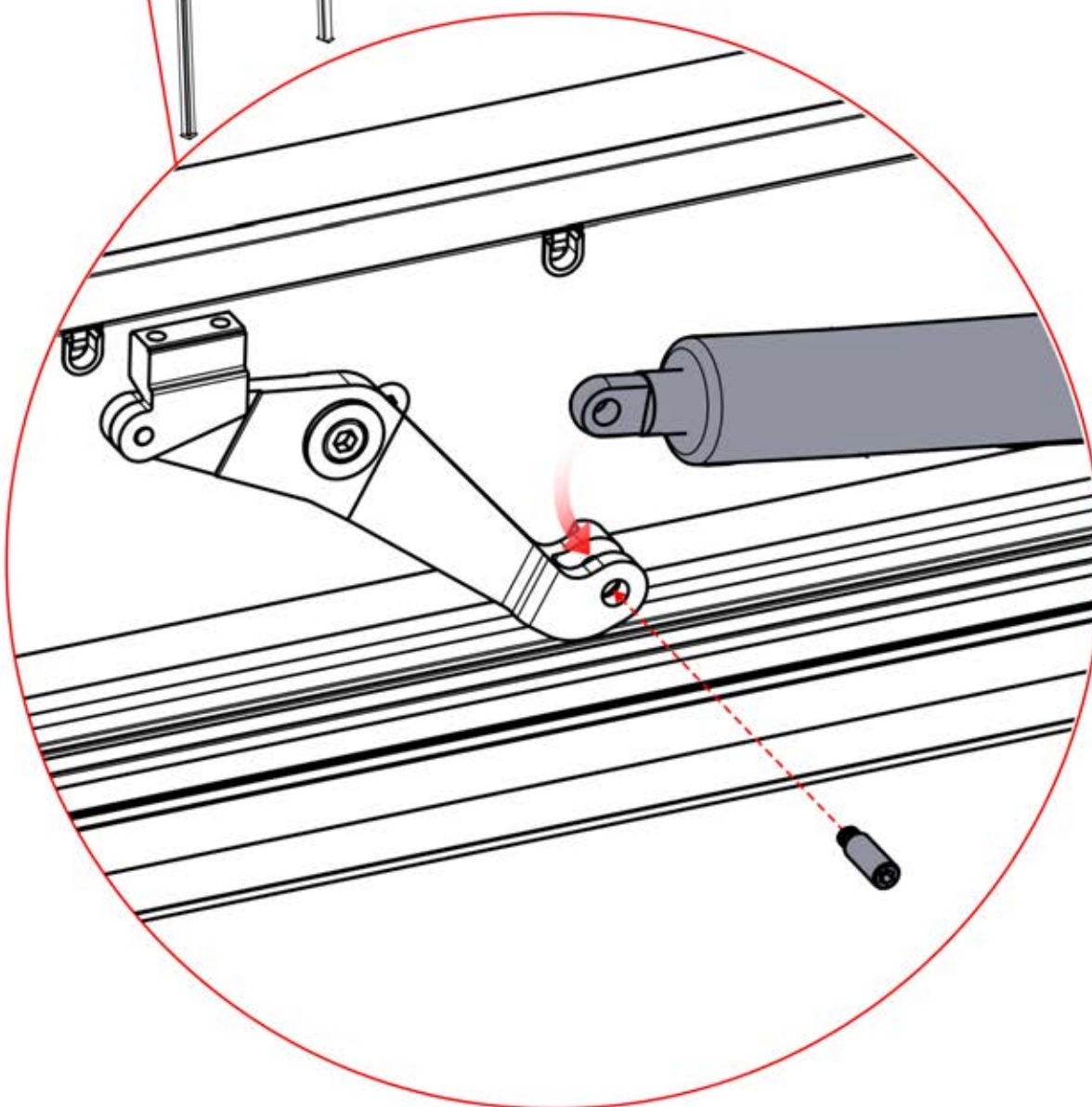
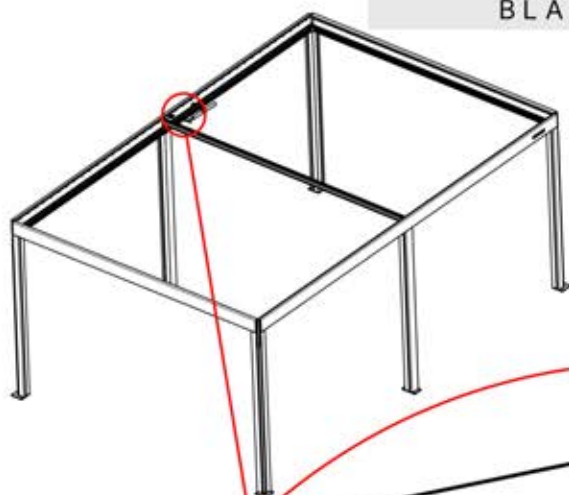
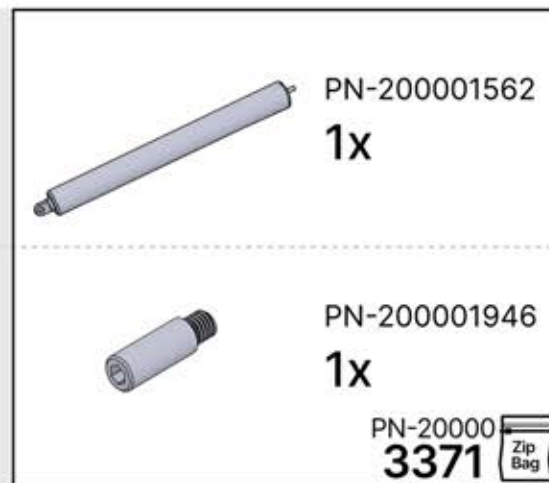
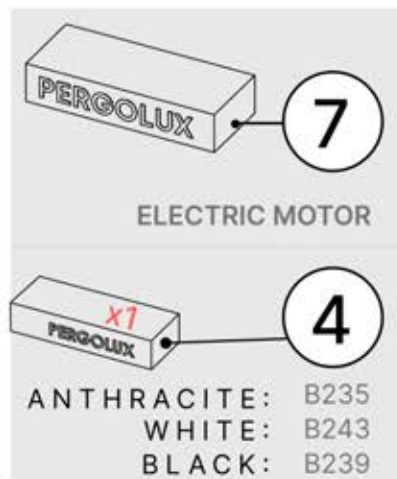
PN-200000561

1x

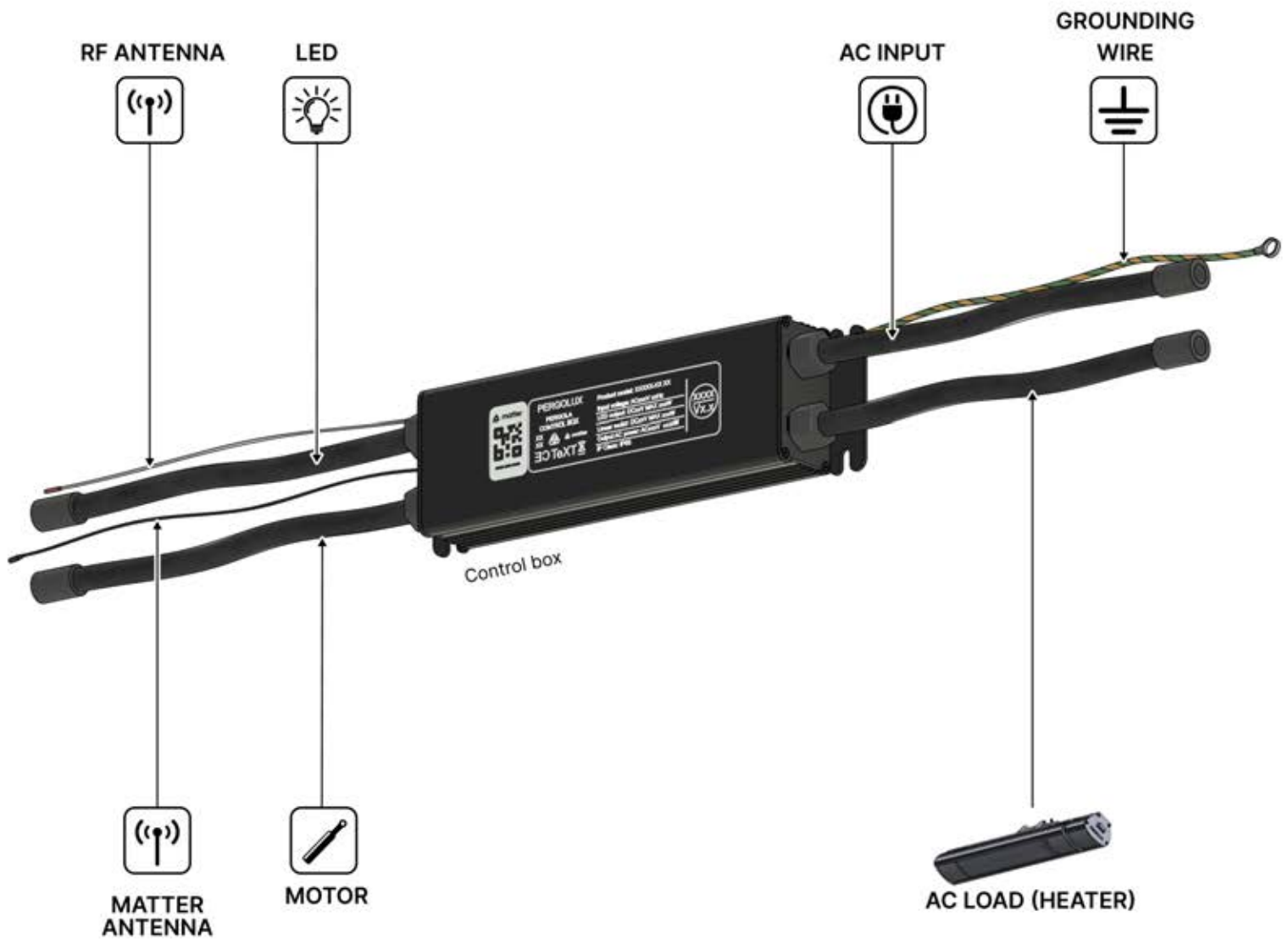
PN-20000
3371 Zip Bag



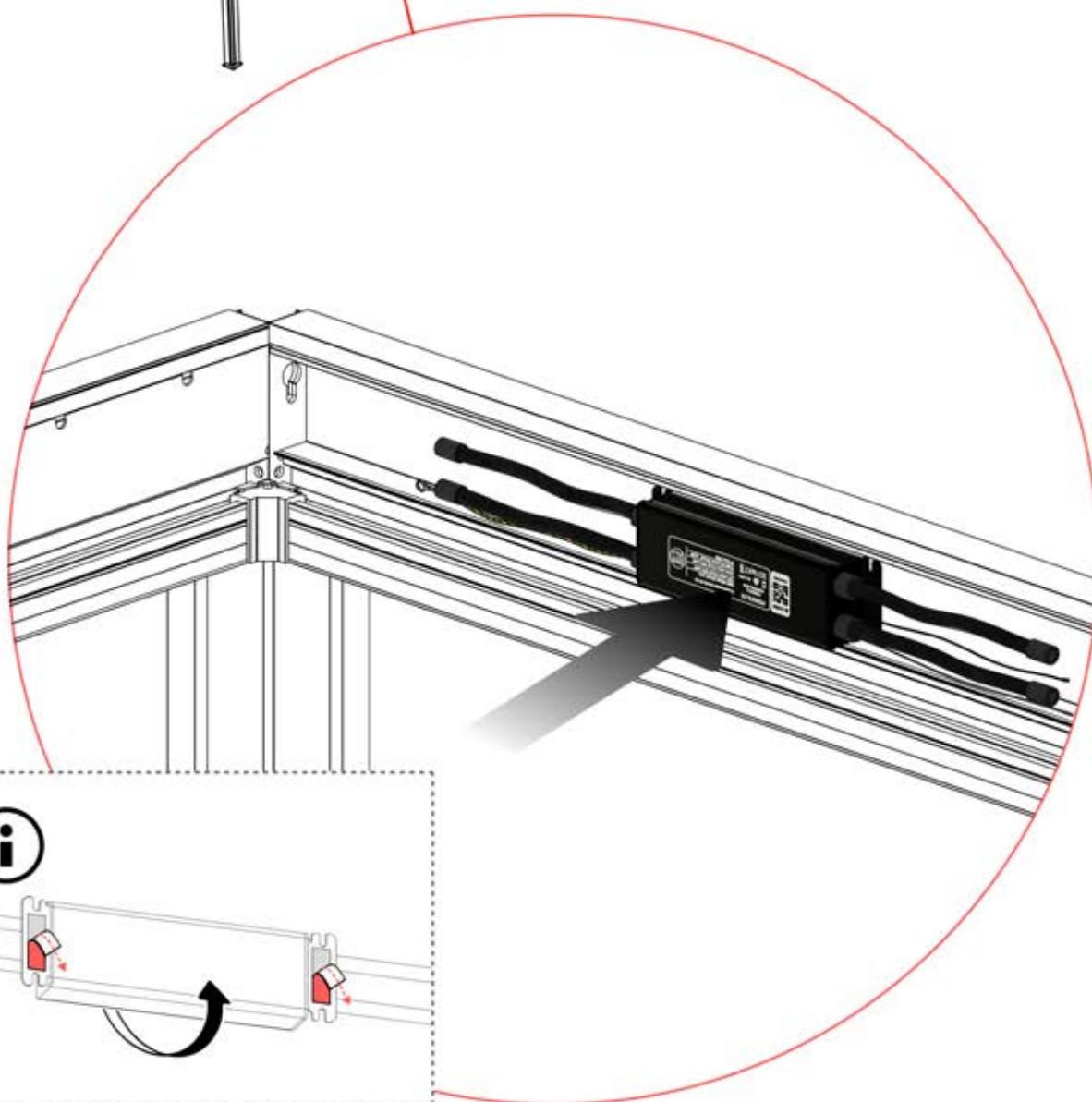
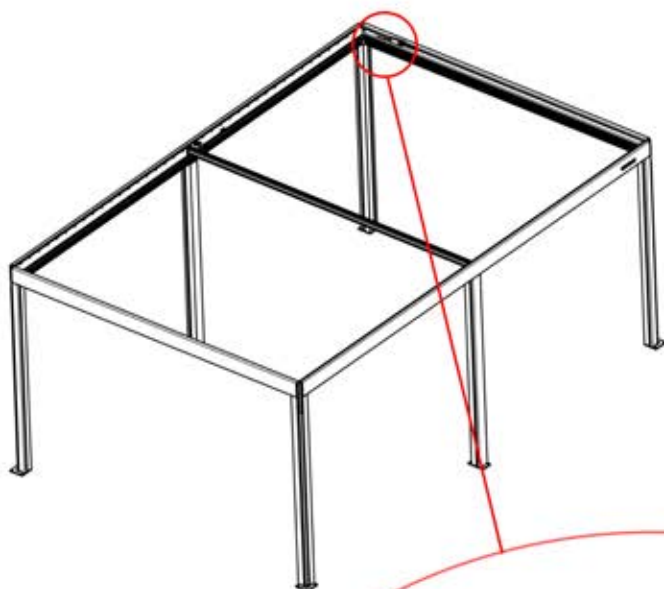
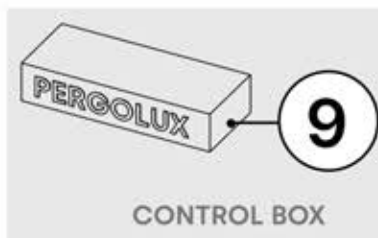
25



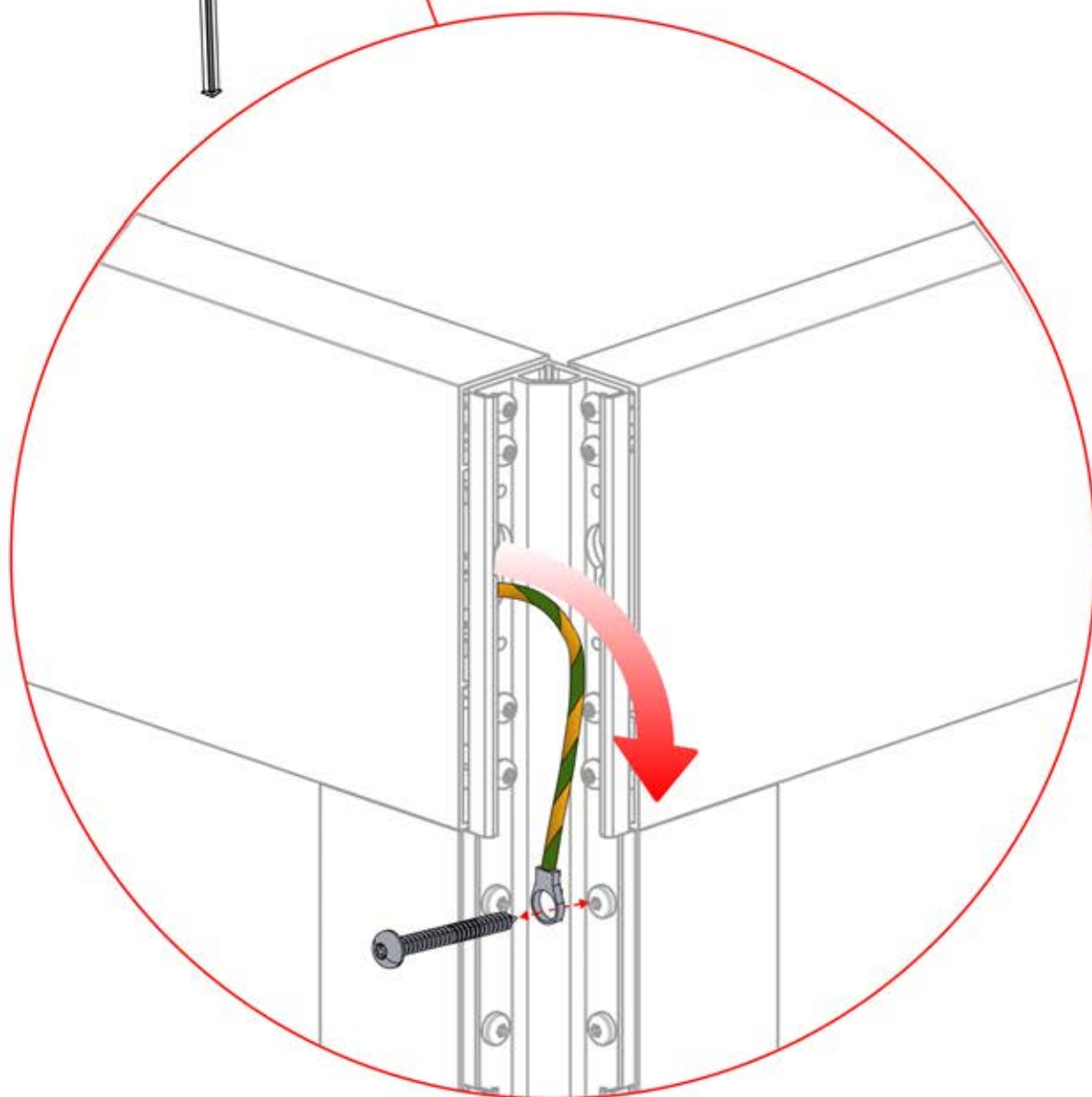
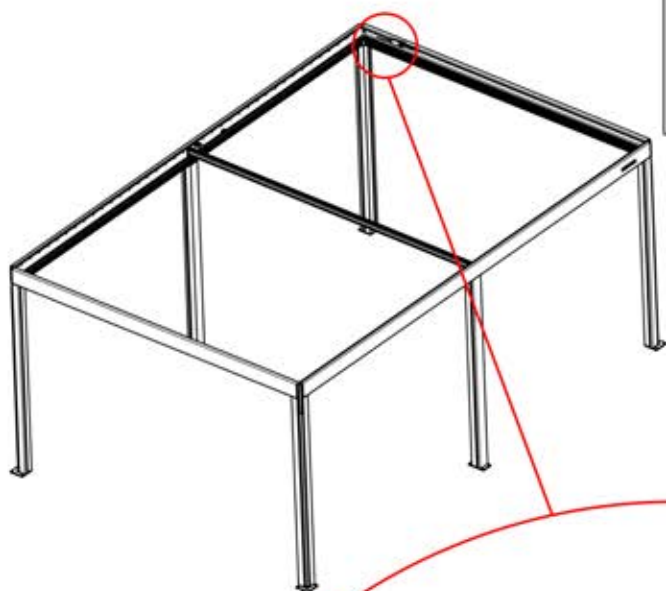
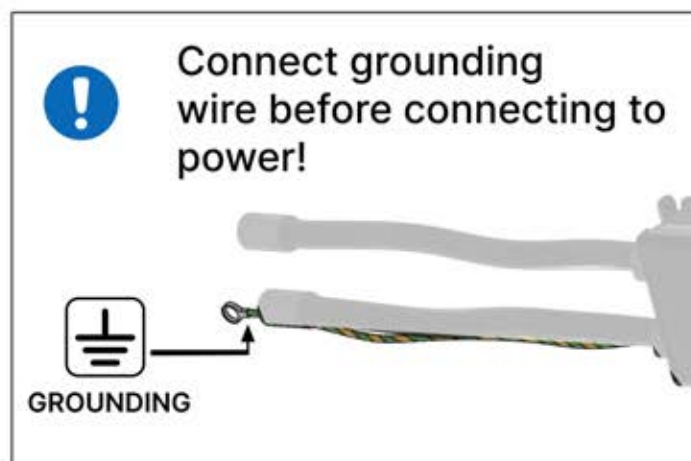
INPUTS AND OUTPUTS



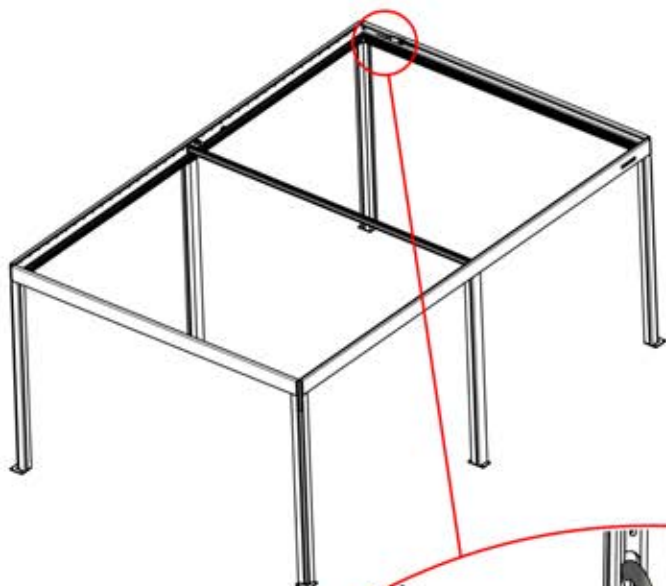
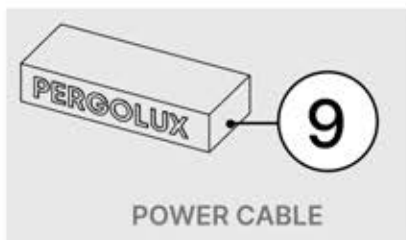
26



27

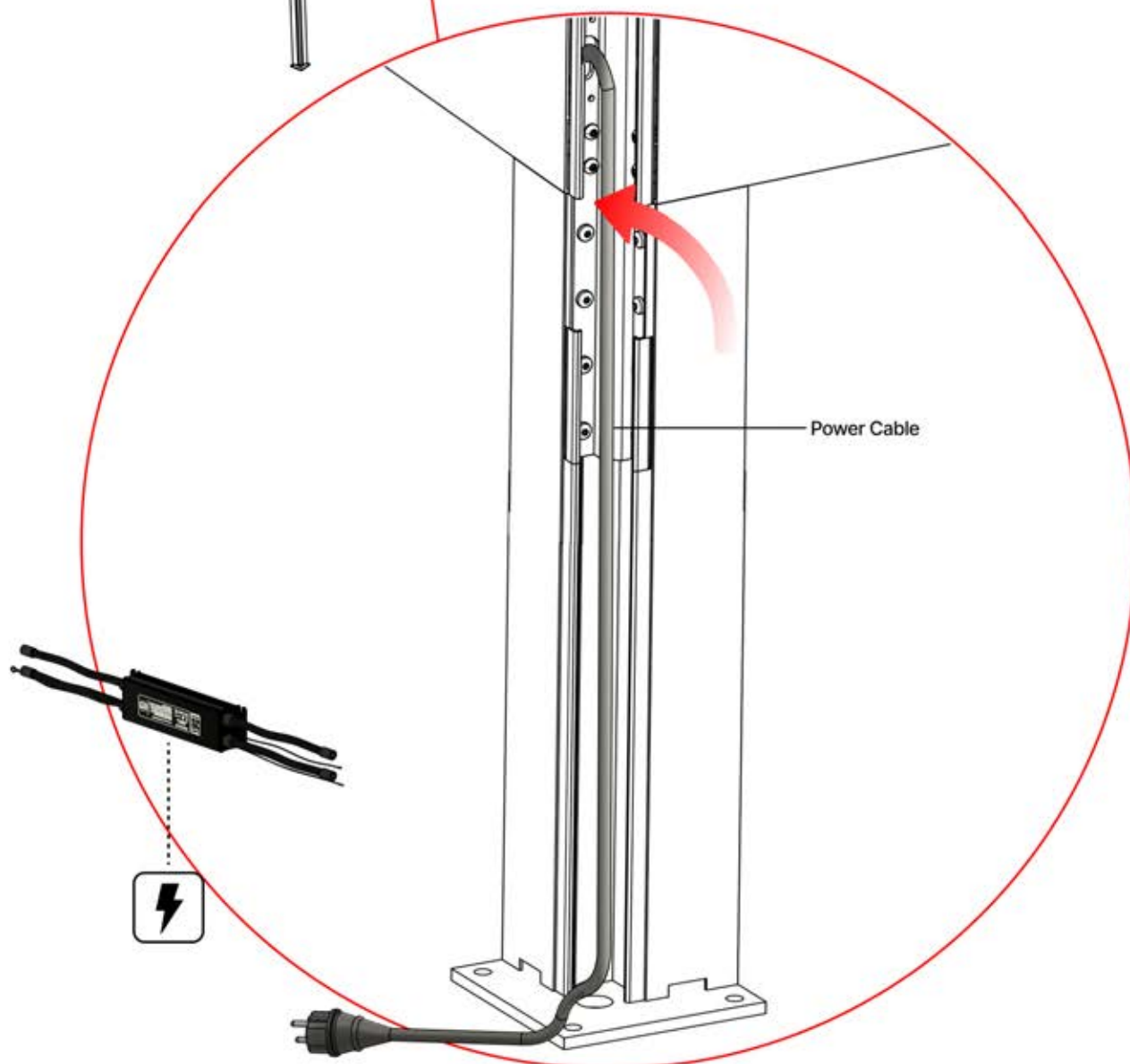


28

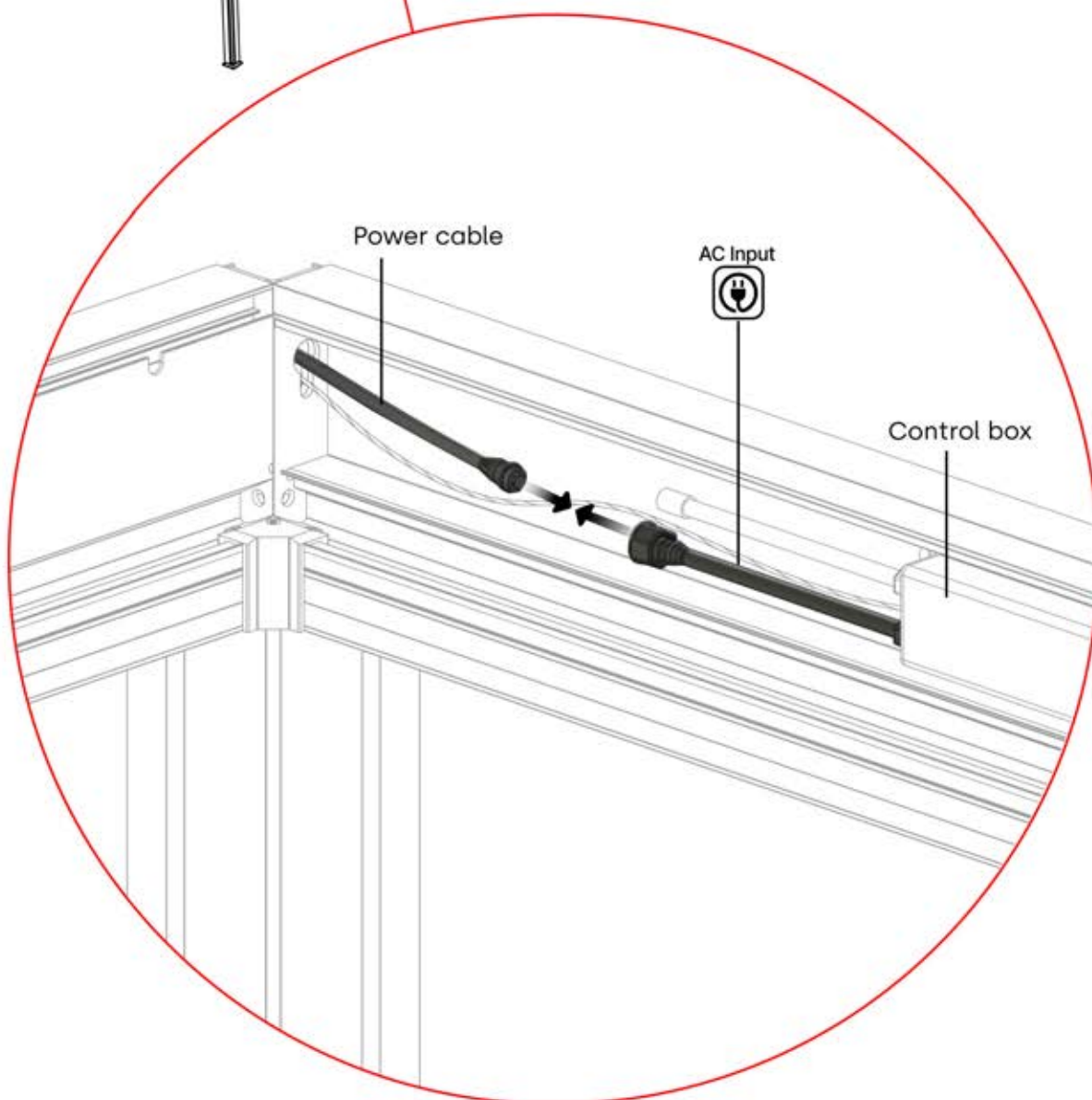
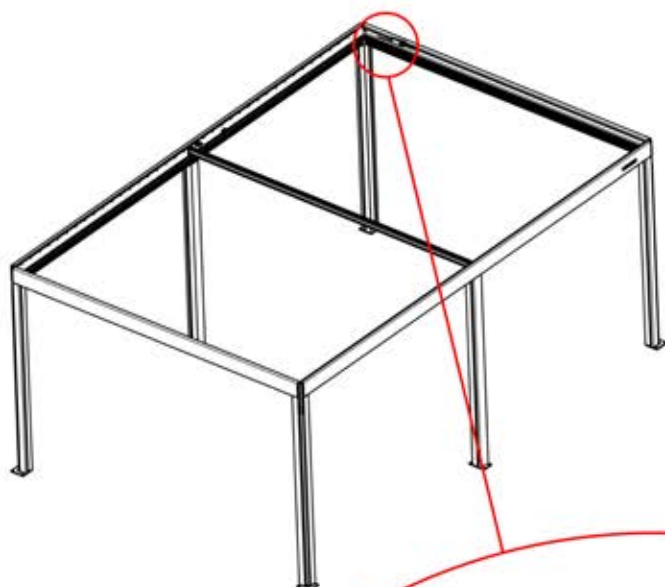
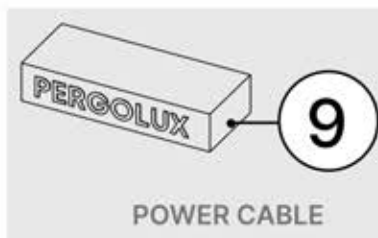


!

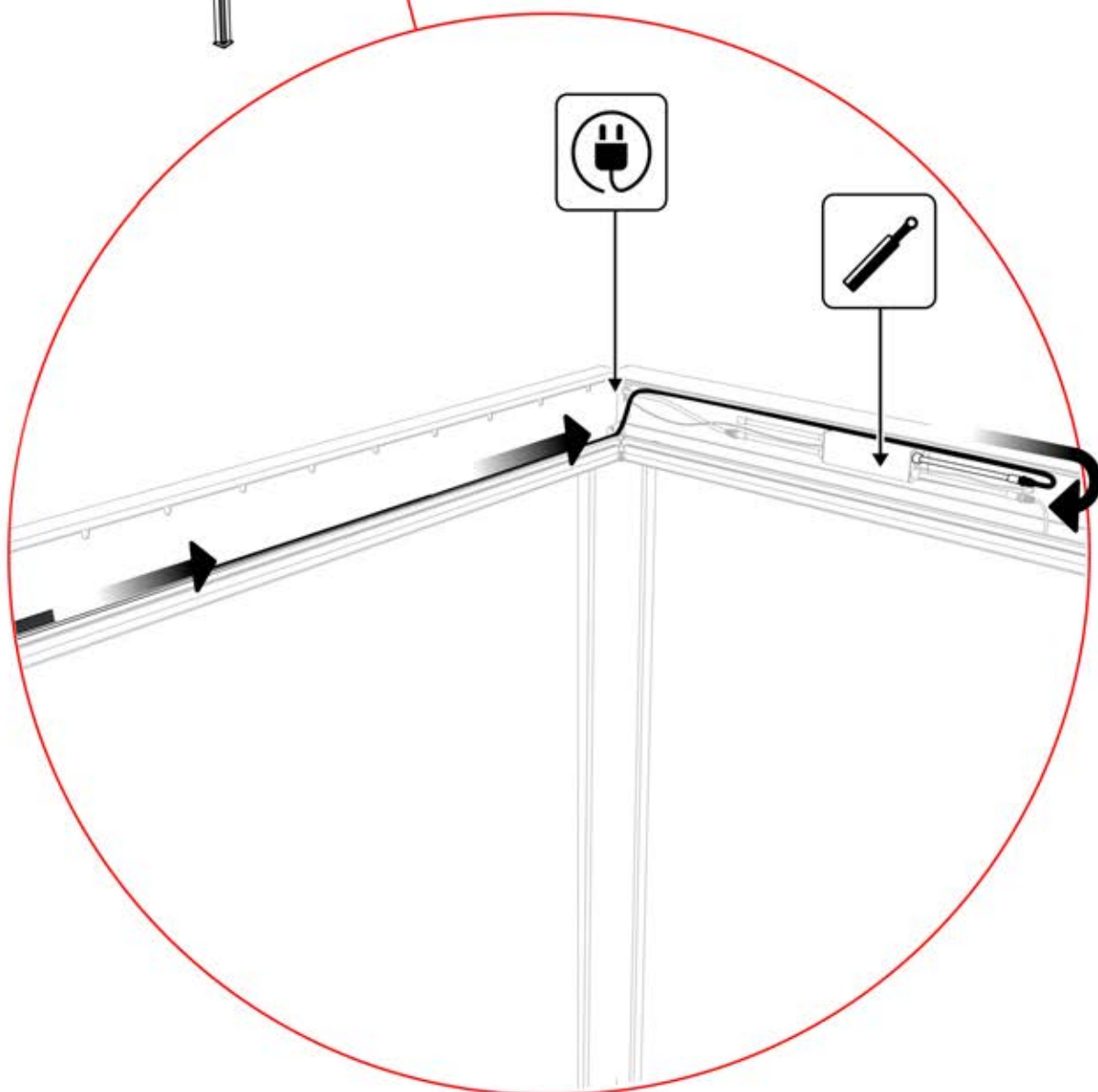
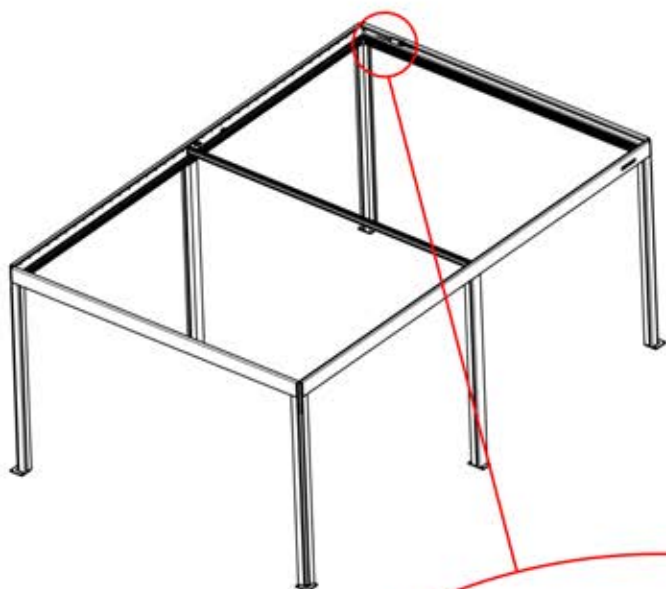
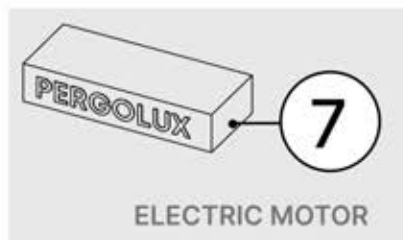
Power Cable can be
routed through all
the Poles.



29



30

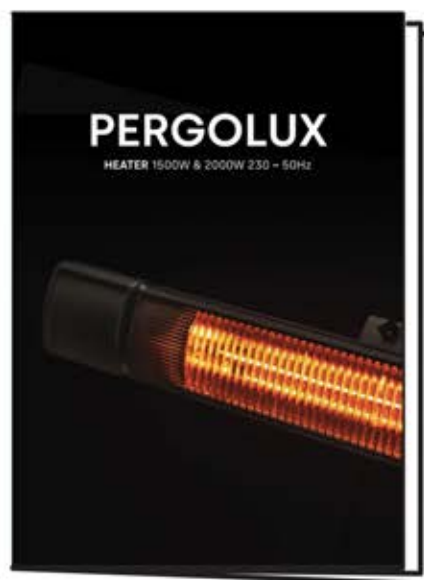


31

1

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

Follow the instructions in the heater assembly manual.



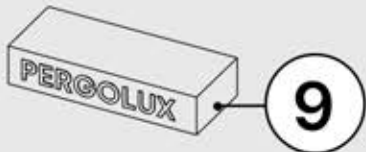
2

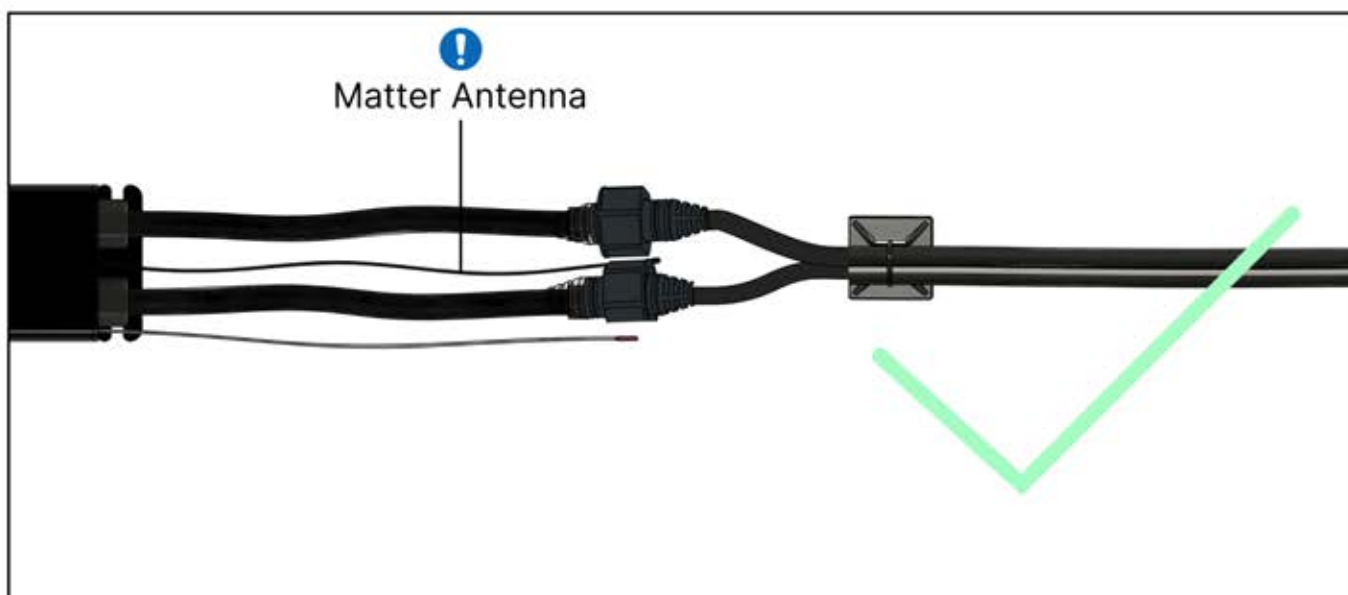
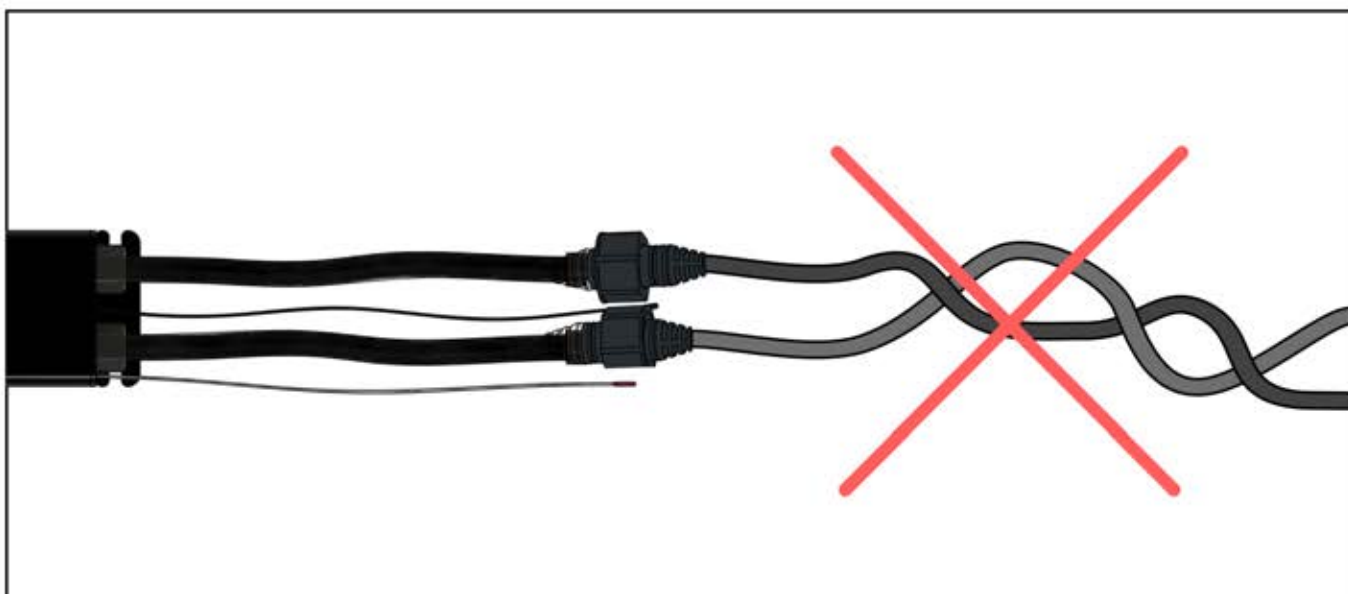
It's time to PAIR the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.



32

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



33



4

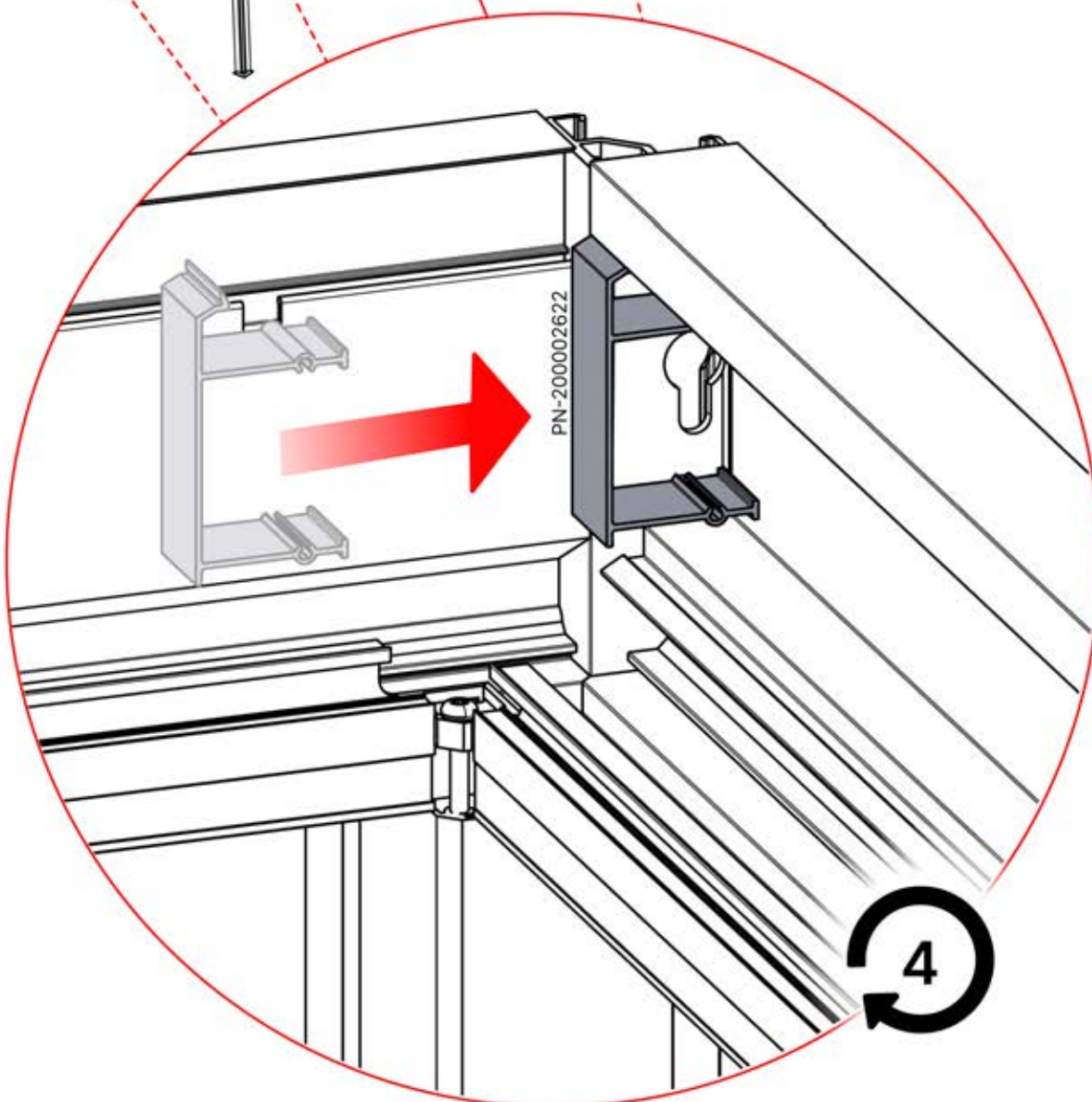
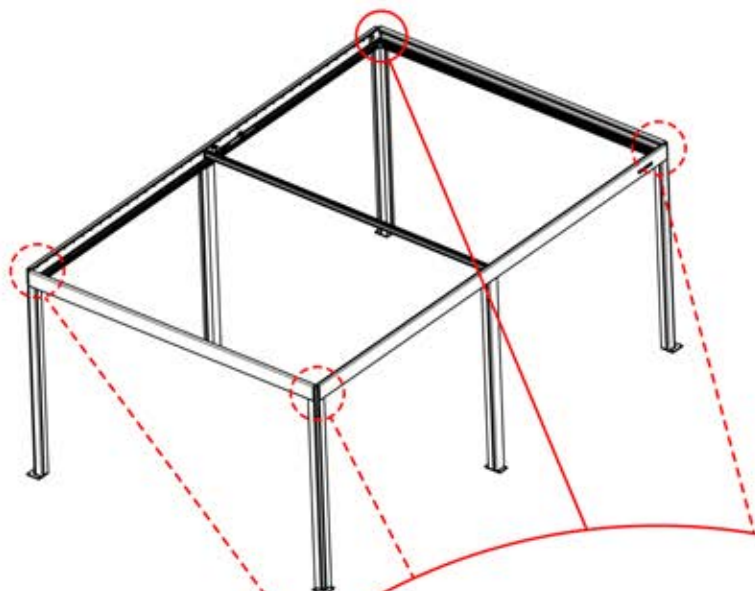
ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200002622

4x

PN-20000
3281



34

x7
PERGOLUX

4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

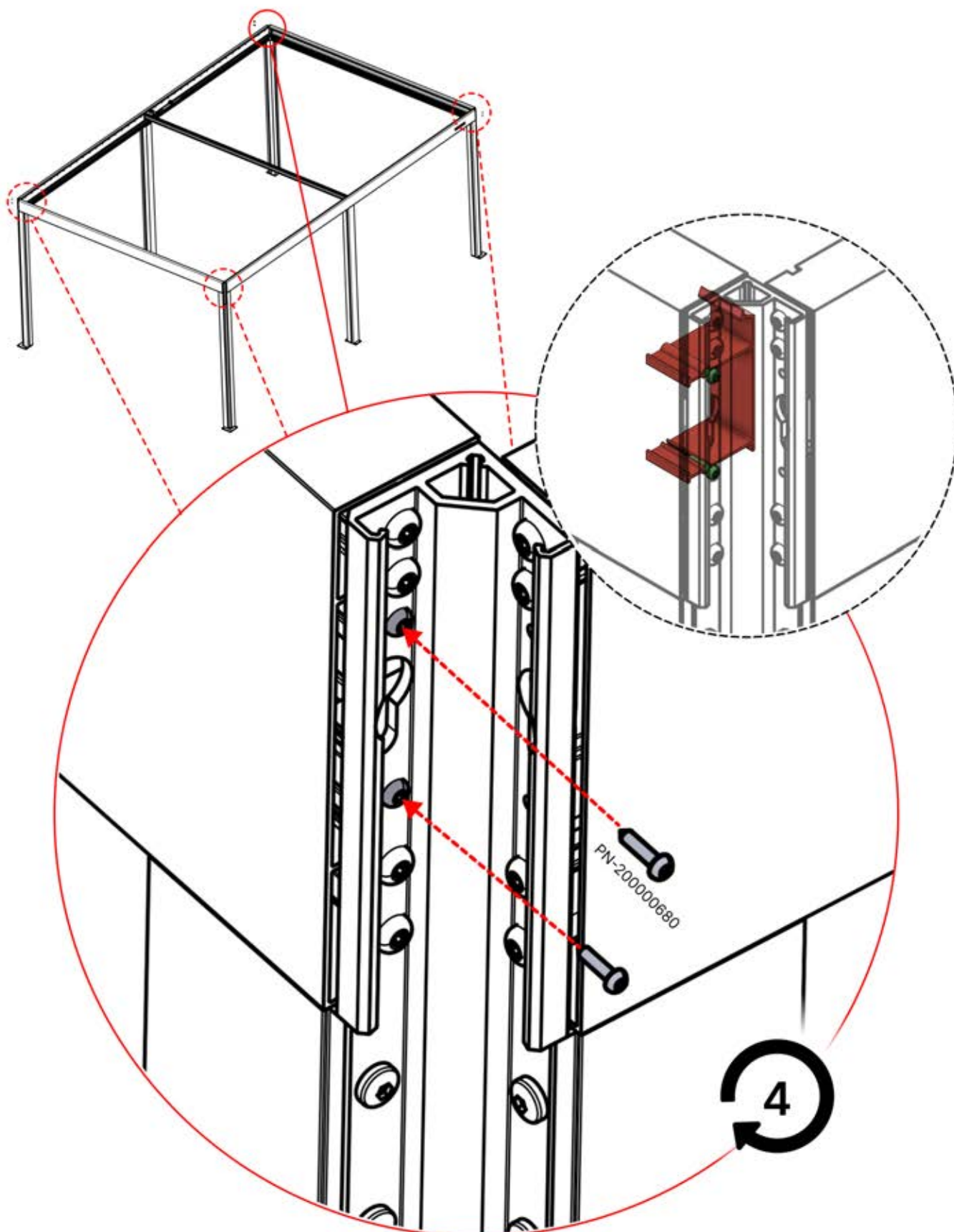
4.2X20

PN-200000680

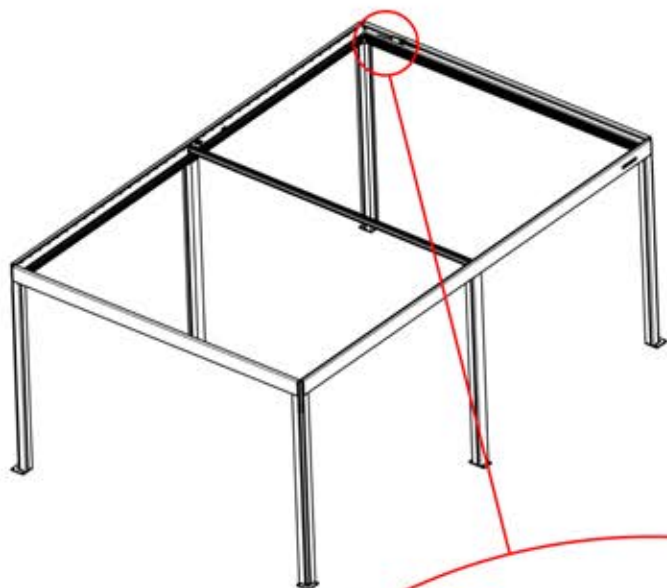
8x

PN-20000
3281

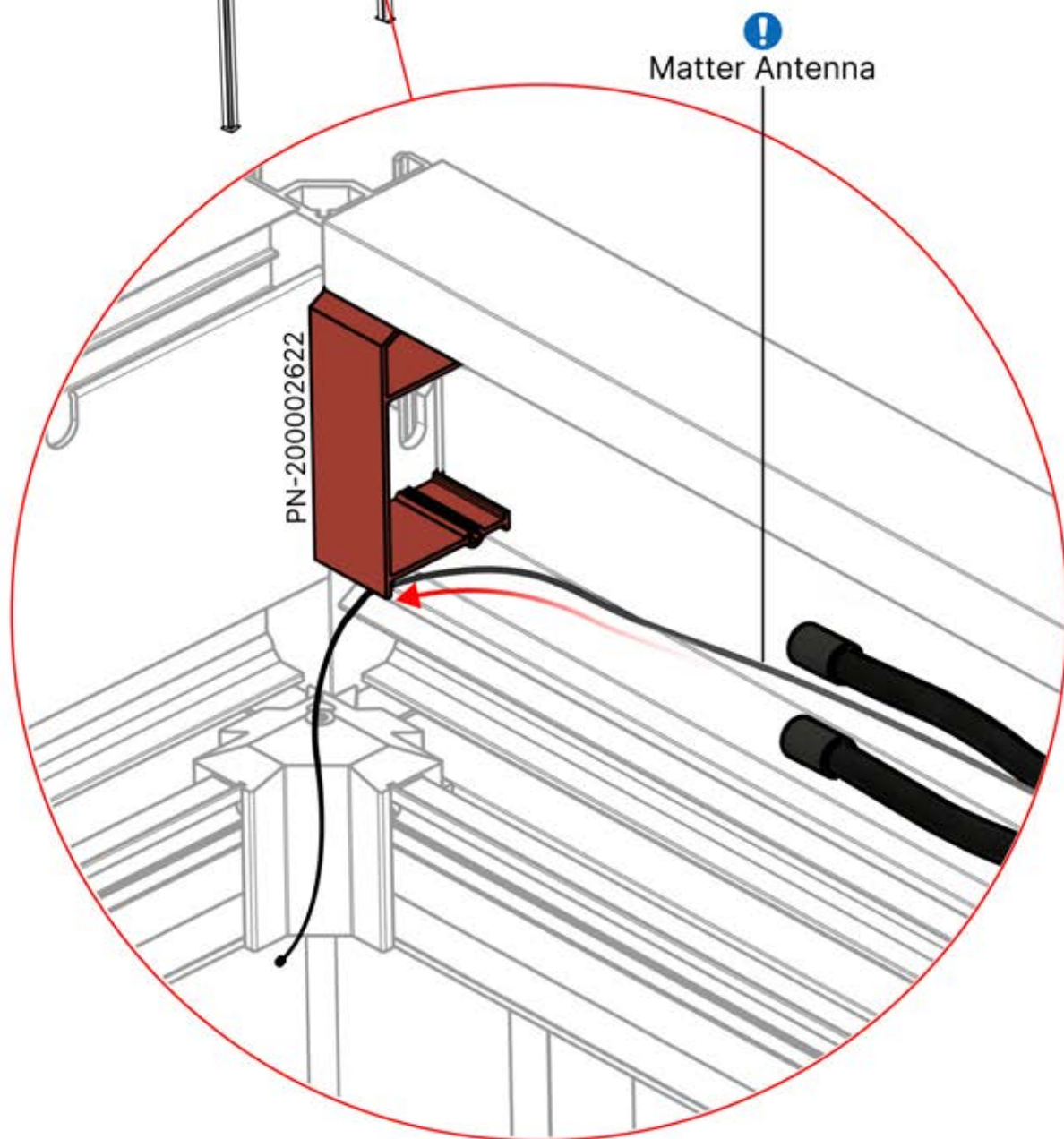
Zip Bag



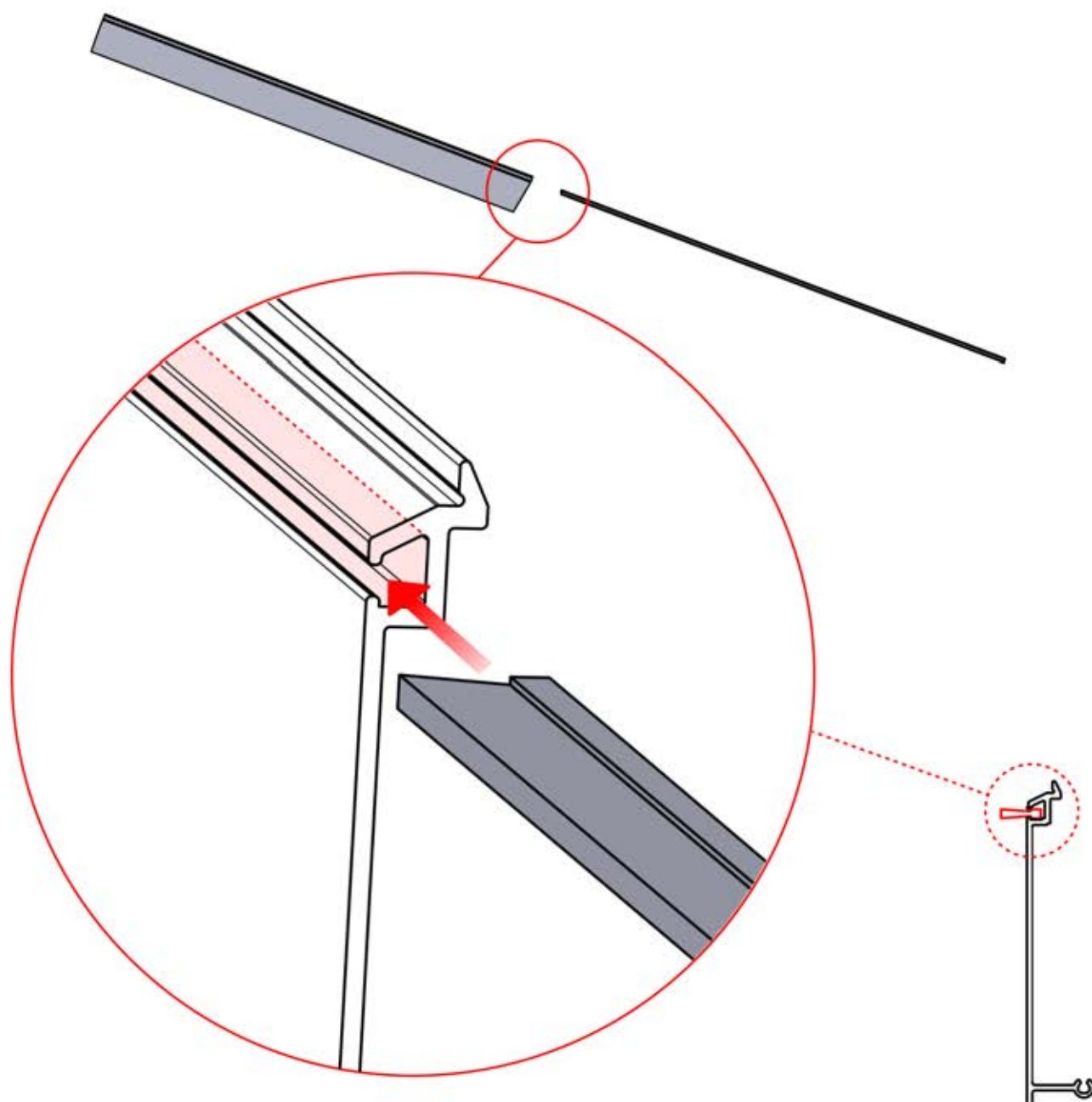
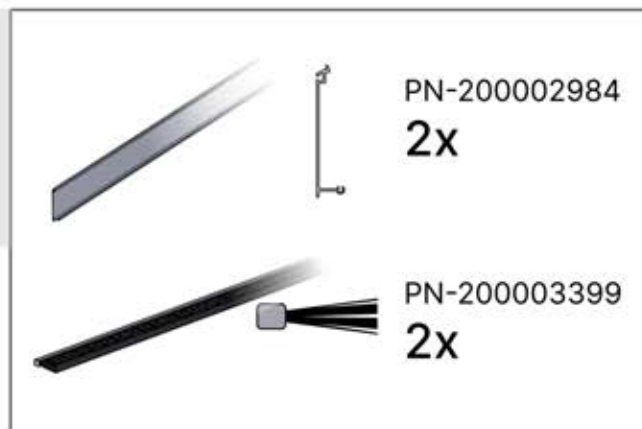
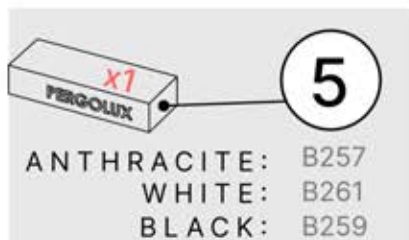
35




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



36

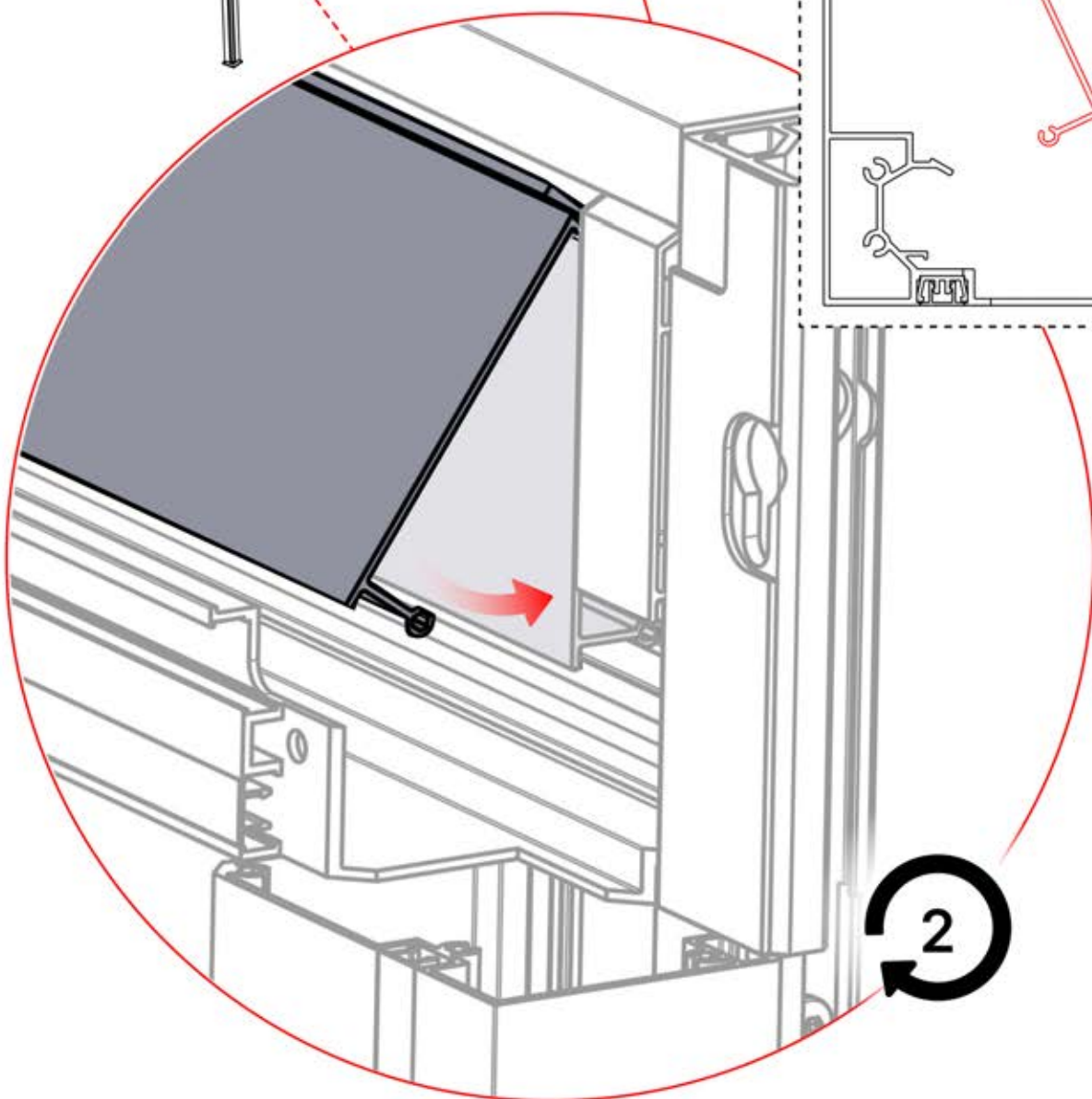
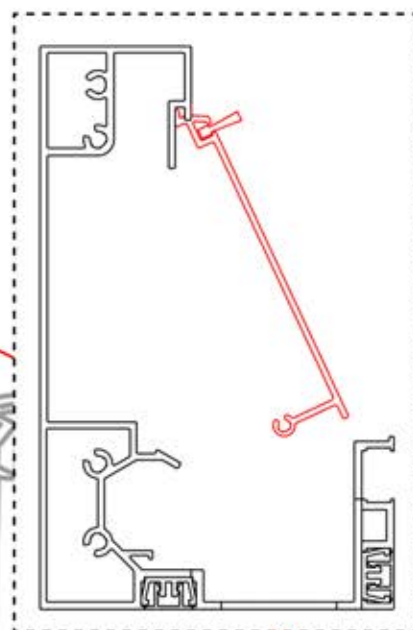
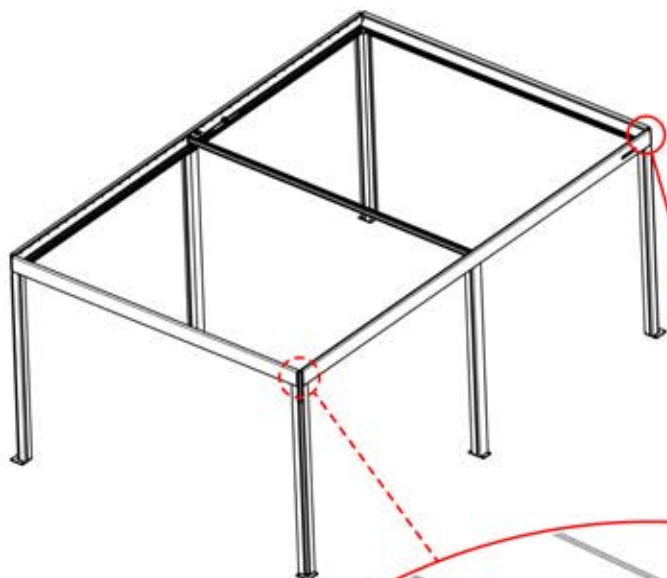


37

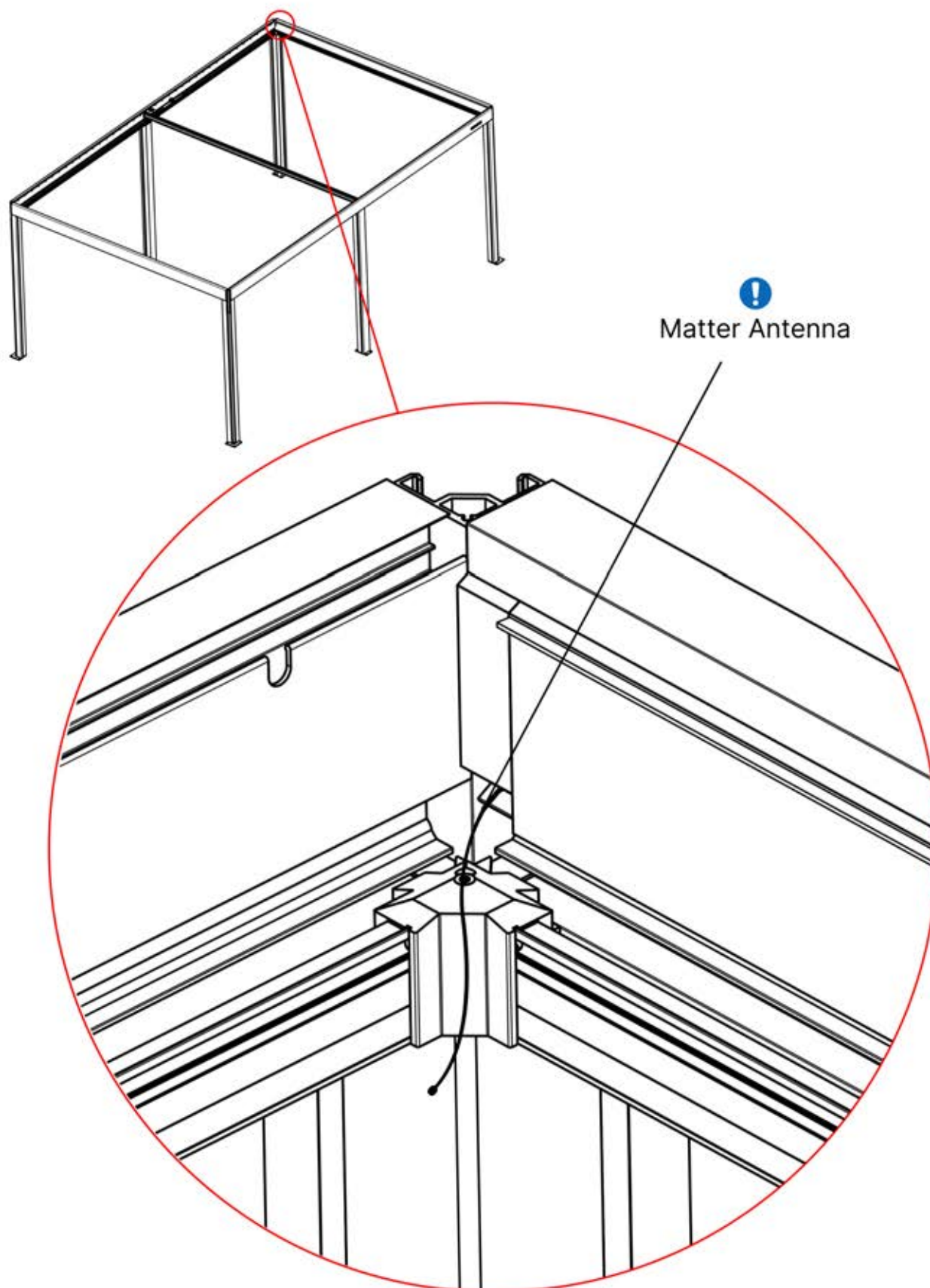


5

ANTHRACITE: B257
WHITE: B261
BLACK: B259



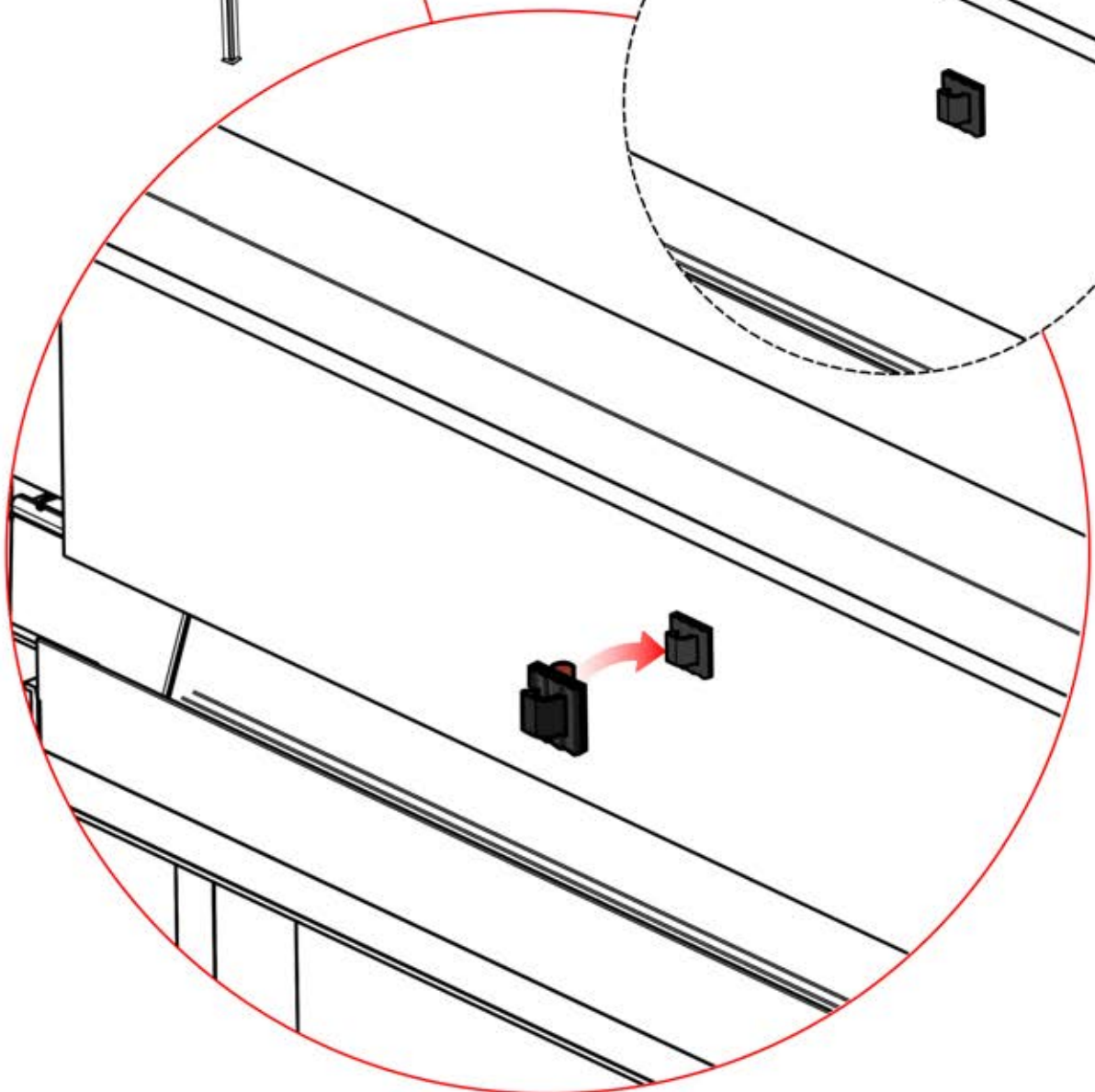
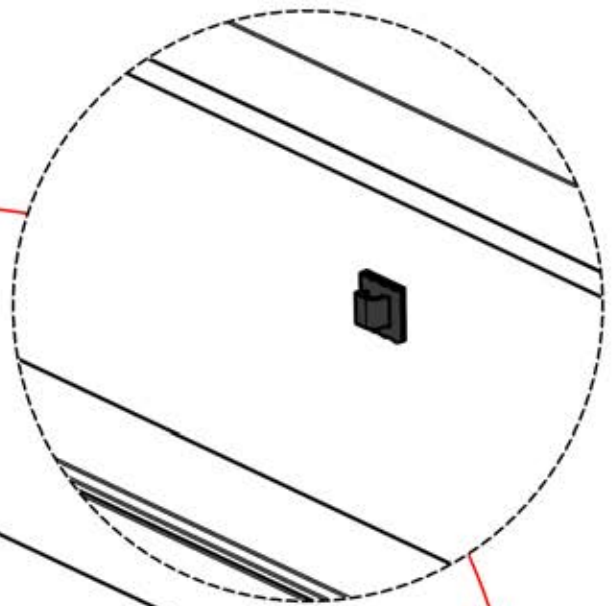
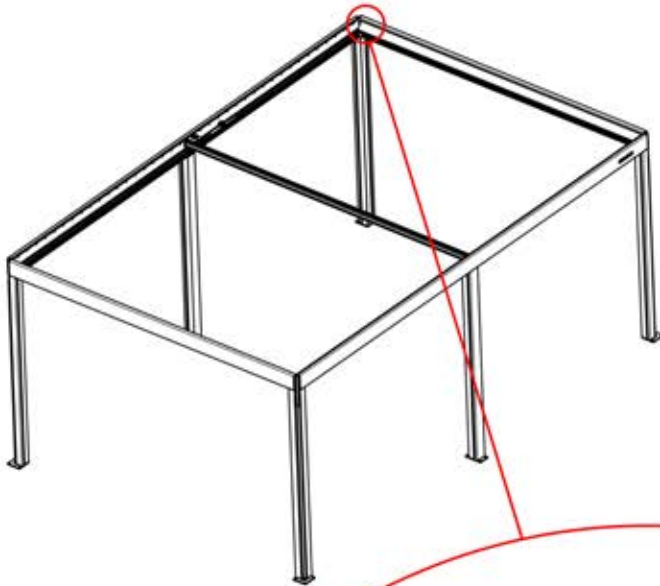
INFORMATION



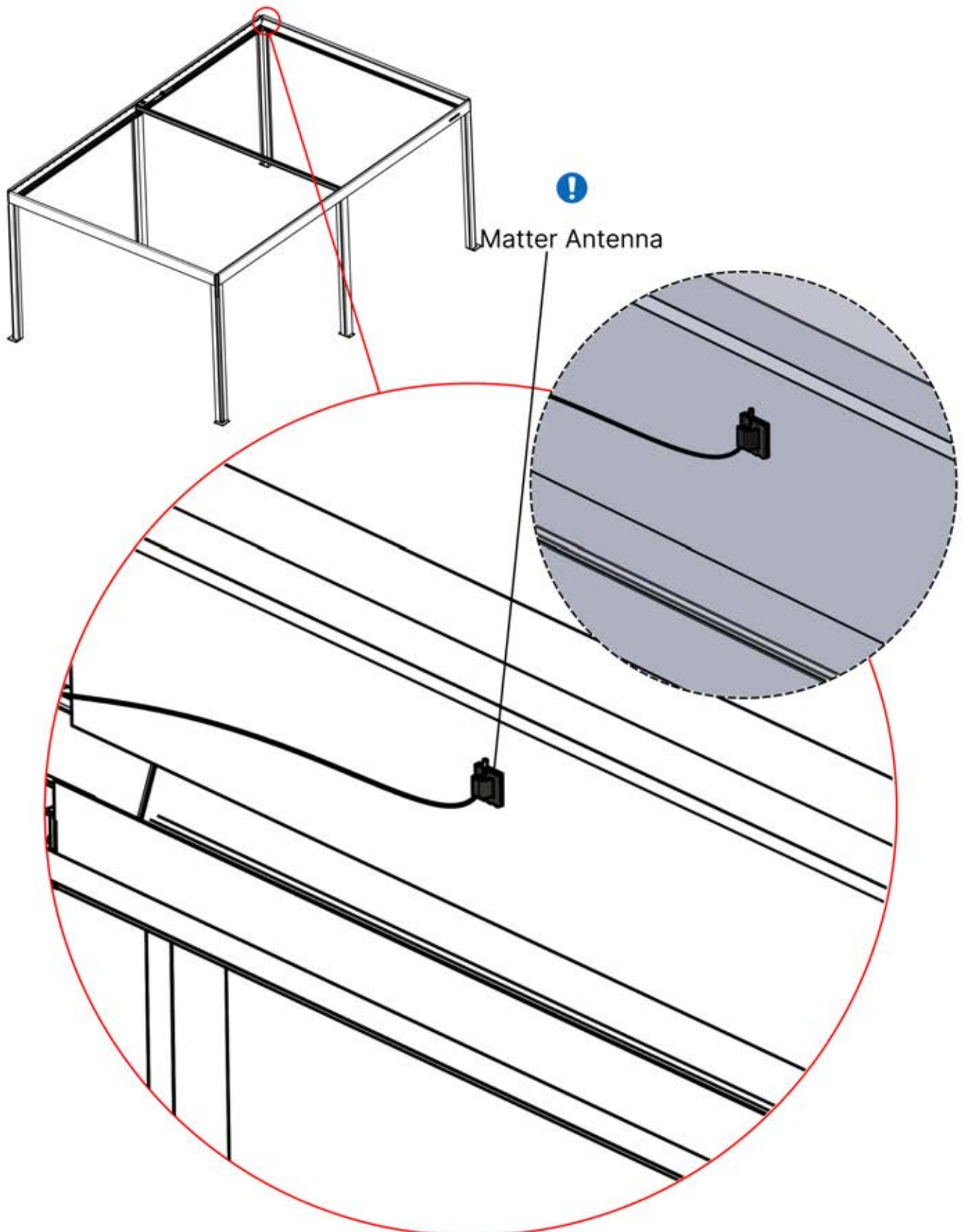
38



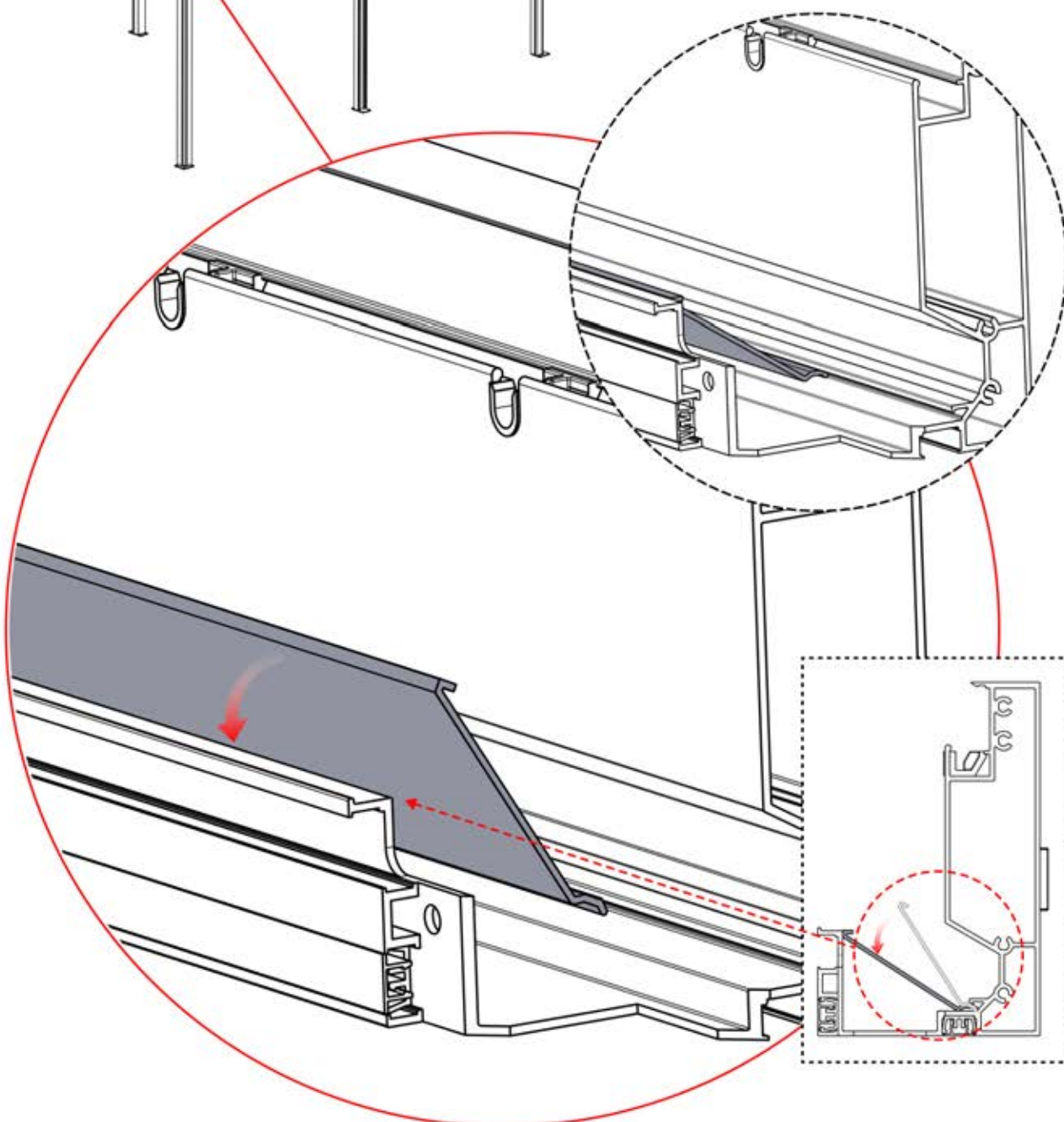
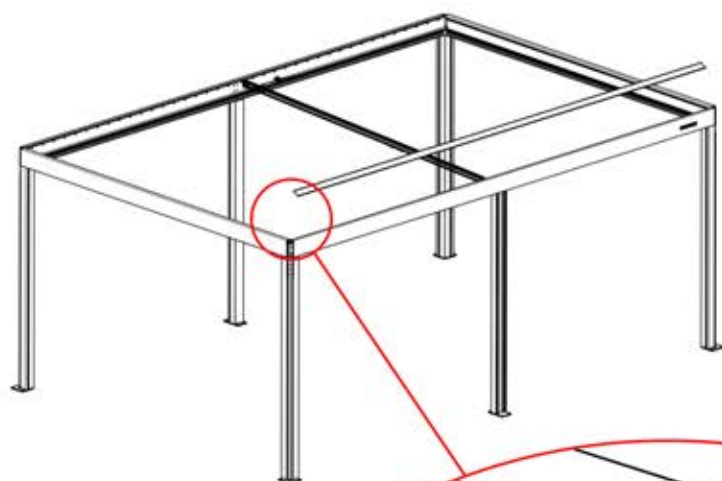
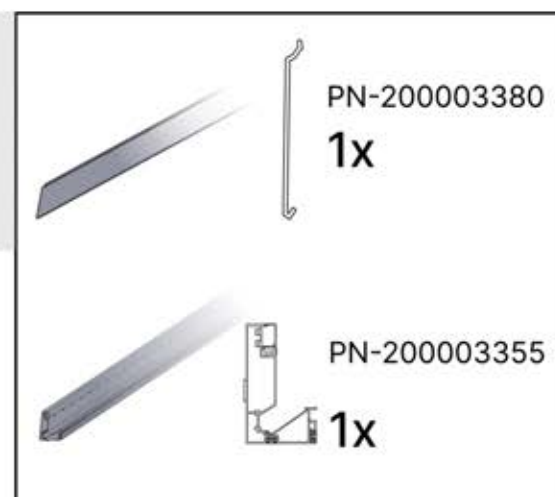
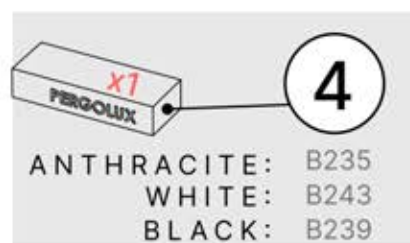
Matter
Antenna Clip
1x



39



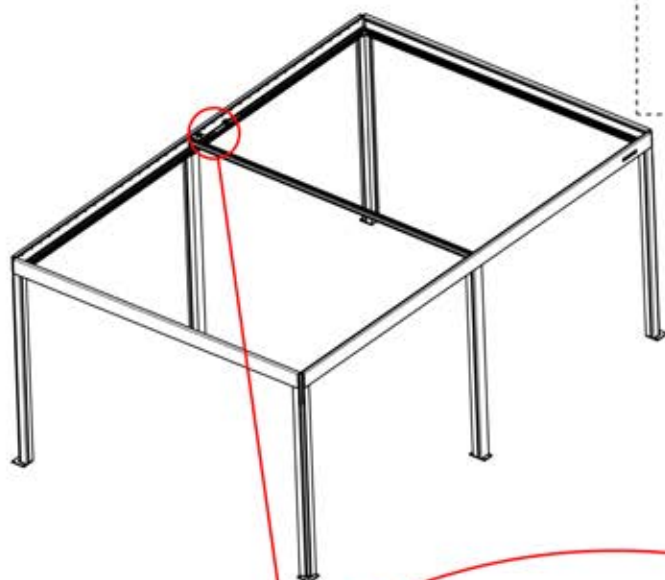
40



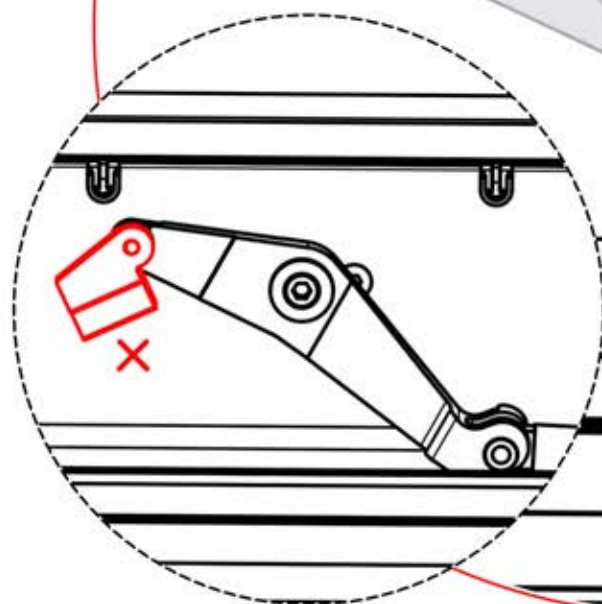
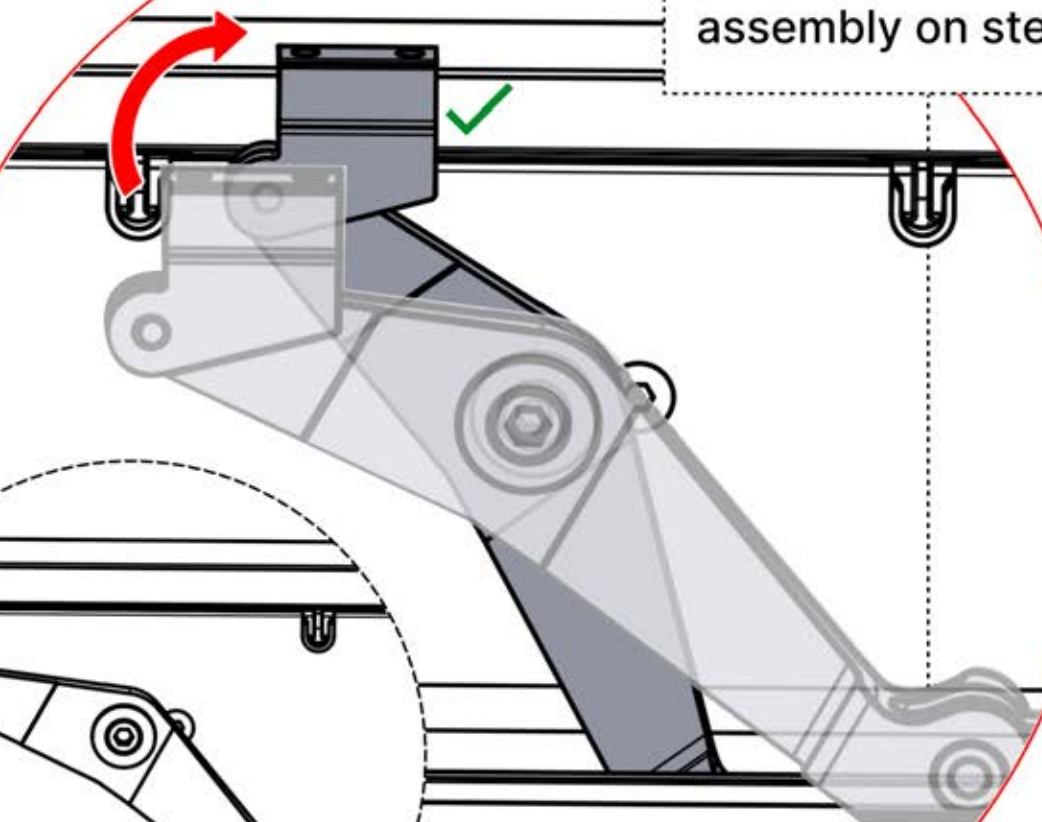
41



Remote
Controller



Adjust motor to
prepare for
assembly on step 42



42



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200002866

1x

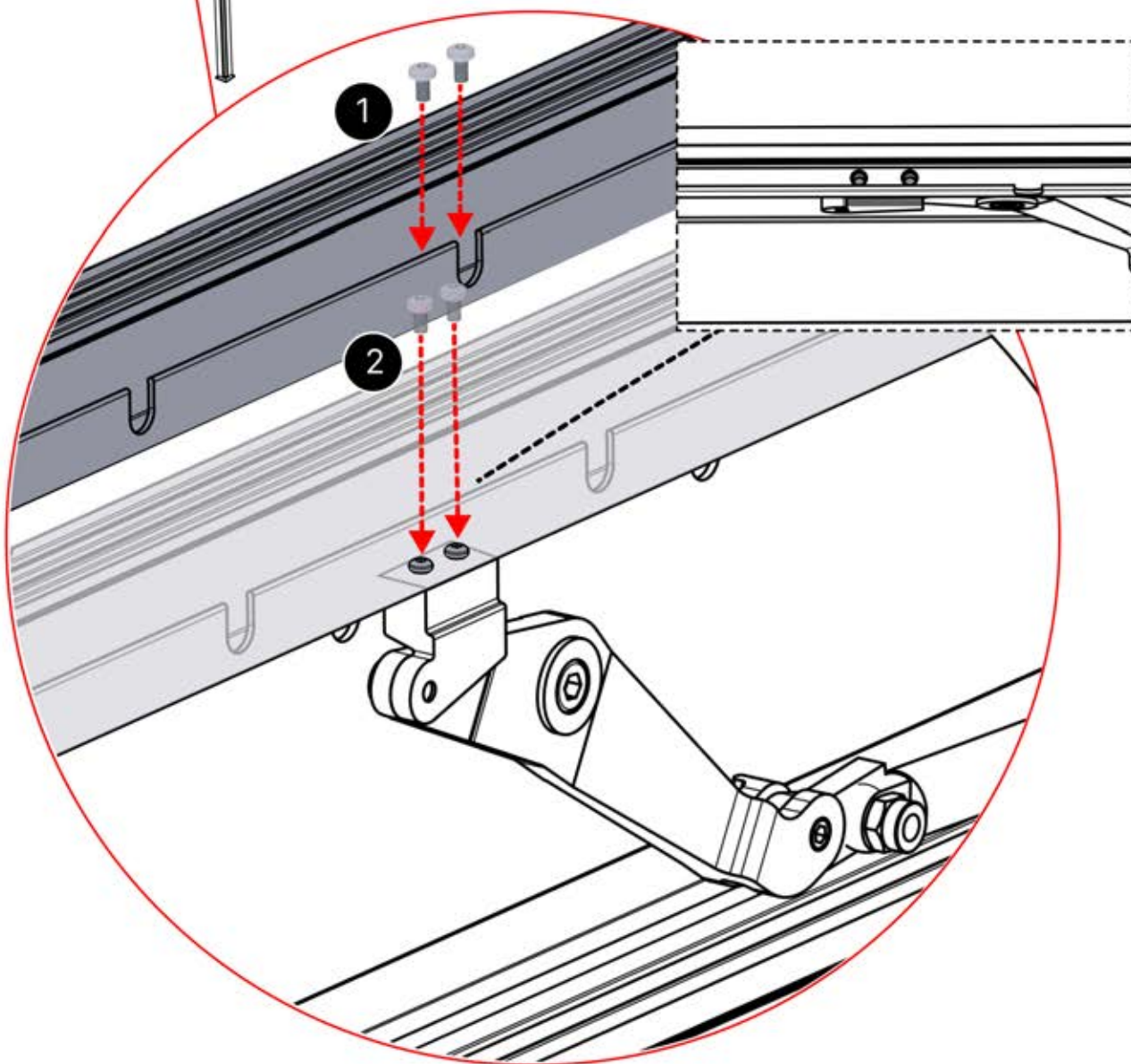
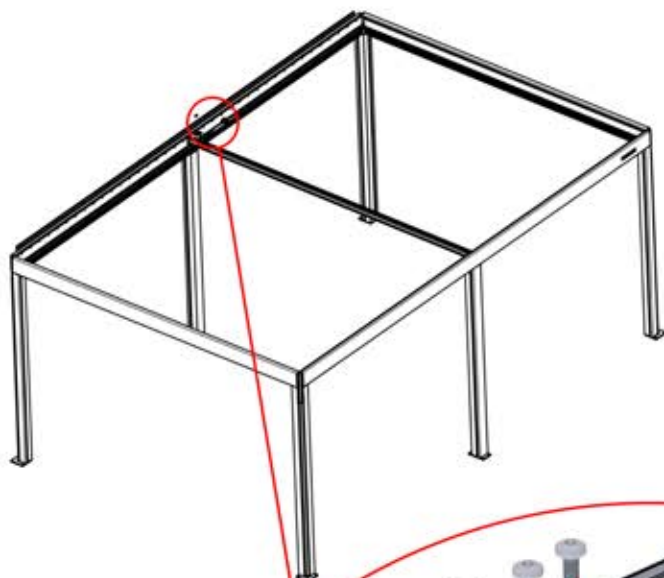


PN-200000826

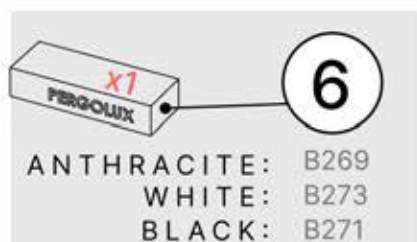
2x

PN-20000
3320

Zip
Bag



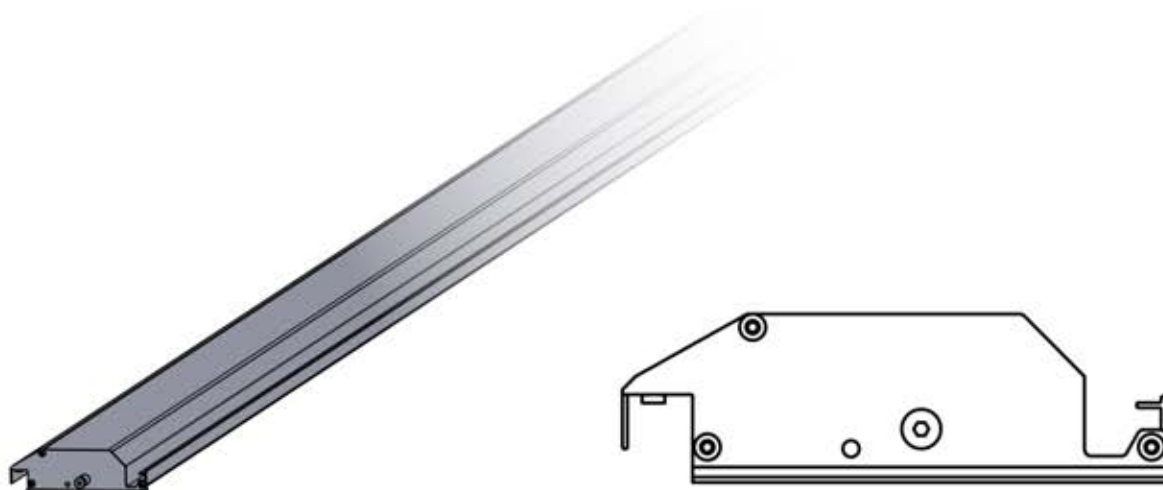
ITEMS IN BOX



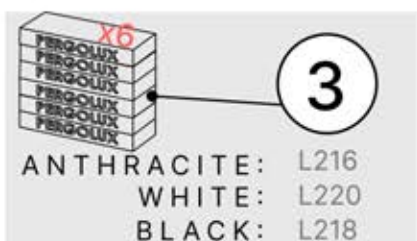
PLR 150 G2 PRO LOUVER END FS 4M
PACKAGE

PN-200002985

1x



Standard

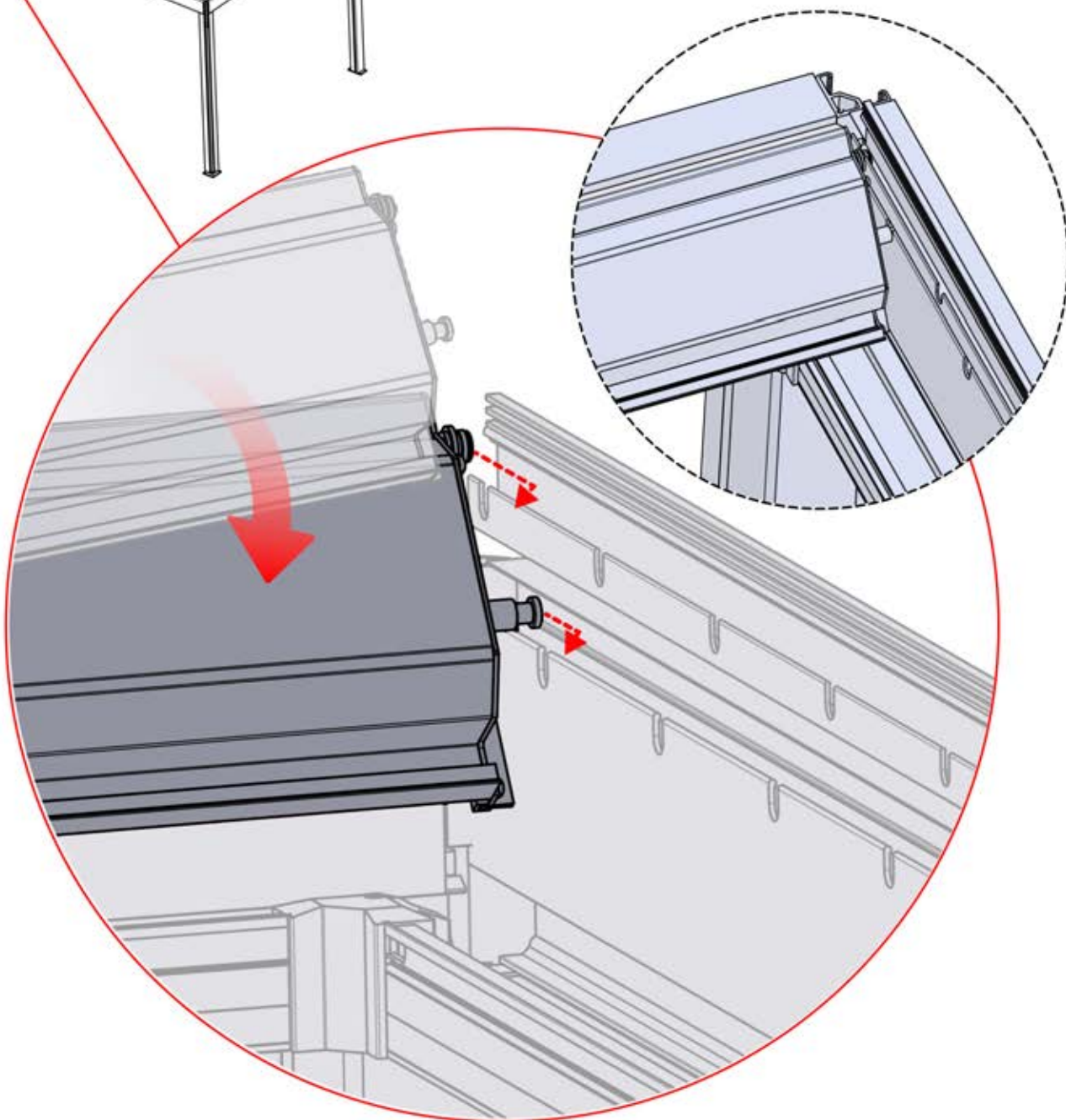
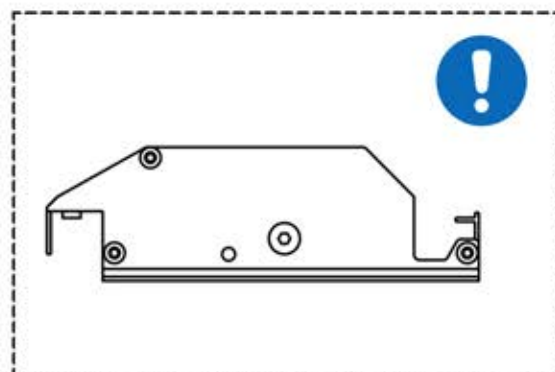
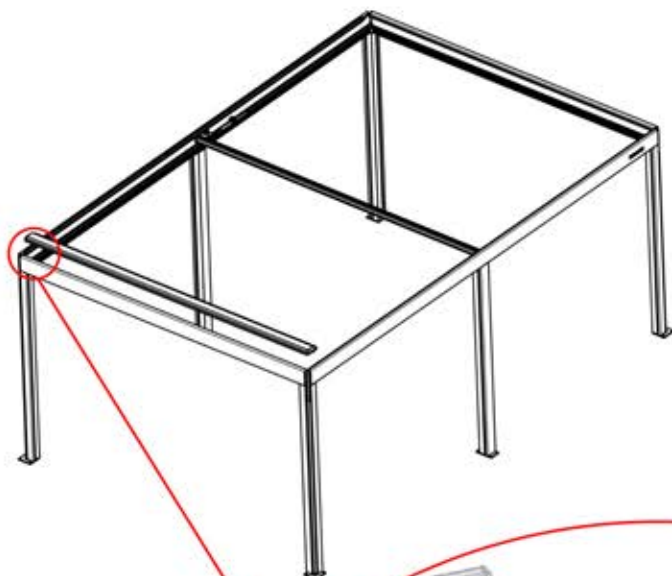
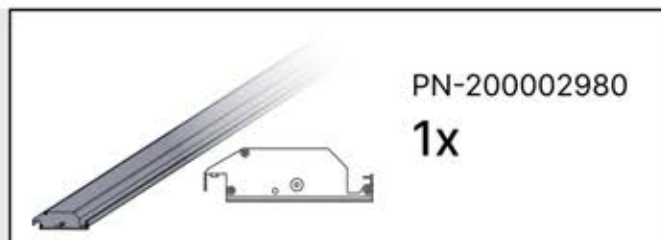
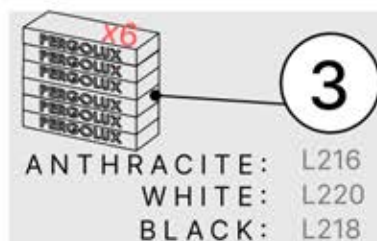


PLR 150 G2 PRO LOUVER STD FS 4M
PACKAGE

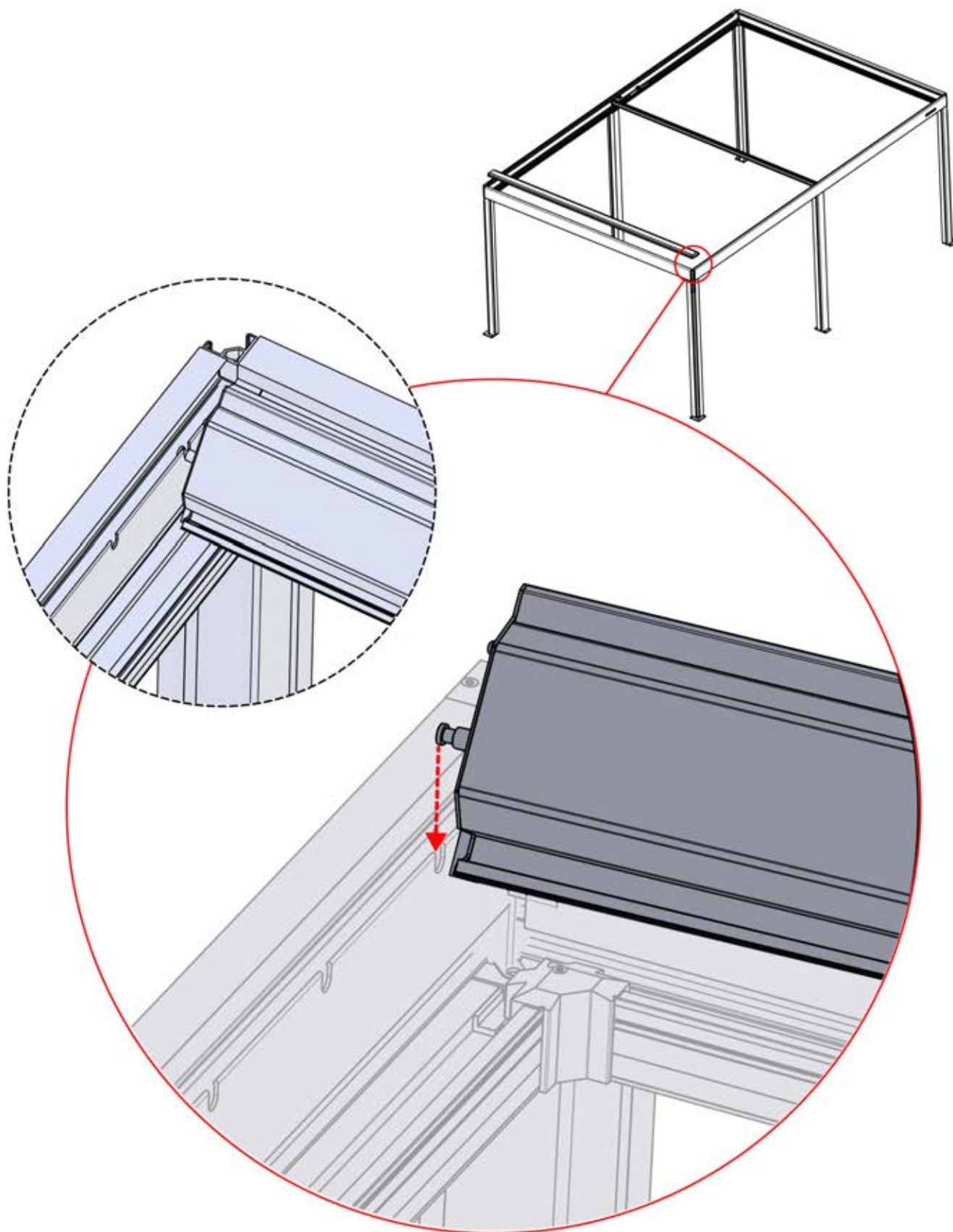
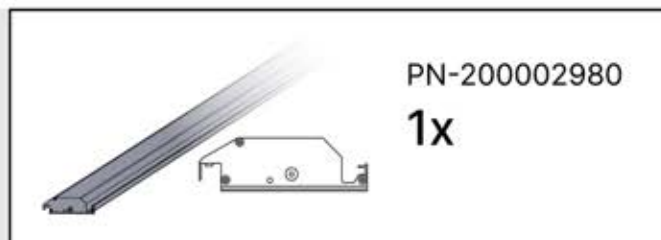
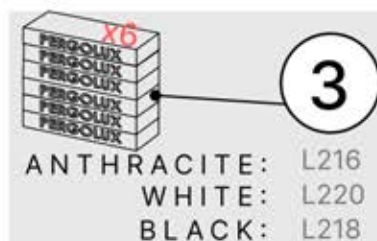
PN-200002980

37x

43



44



45



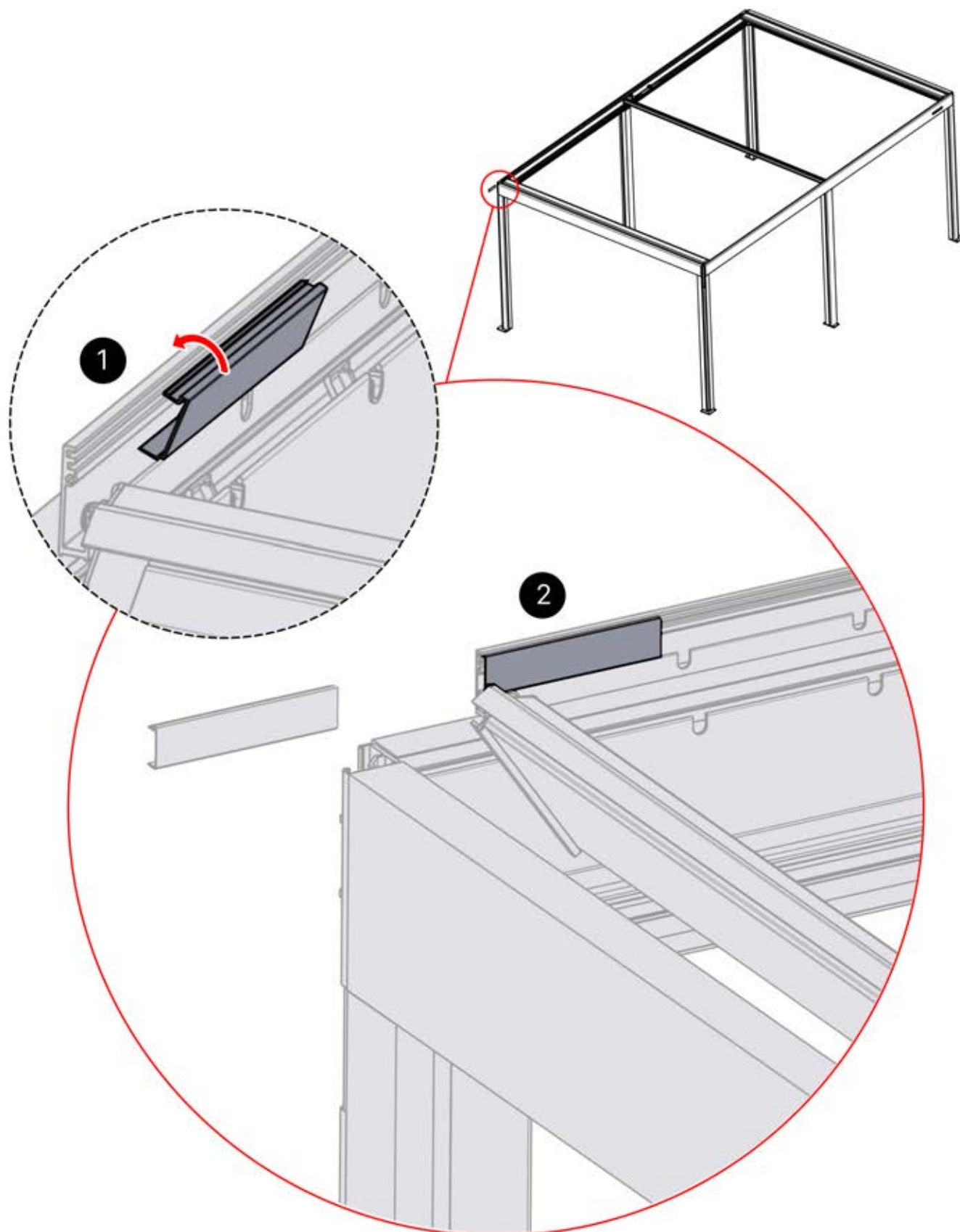
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

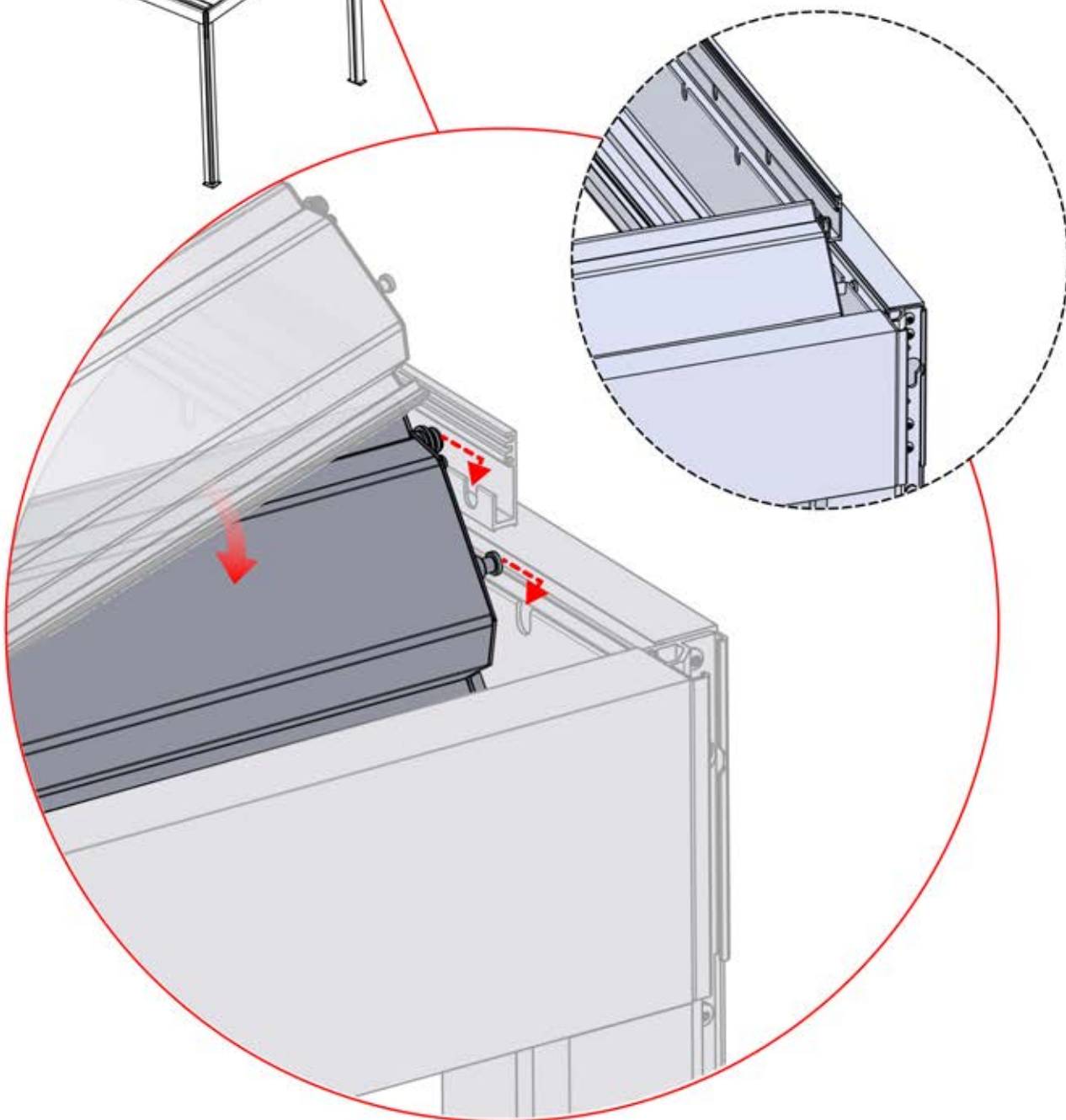
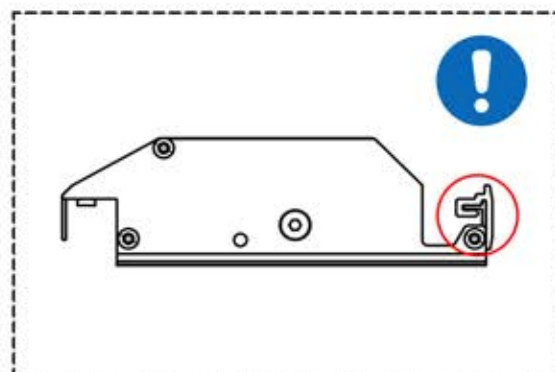
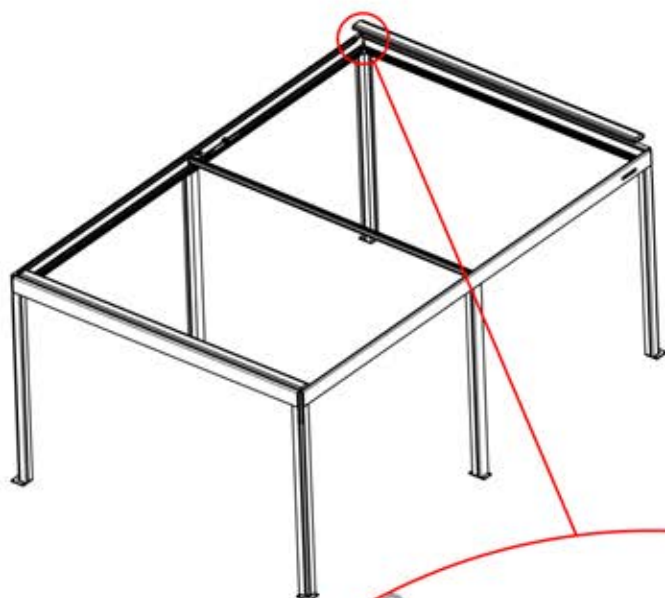
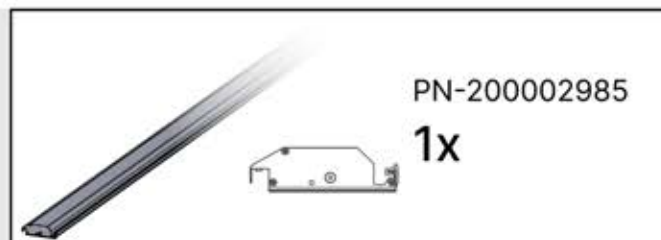
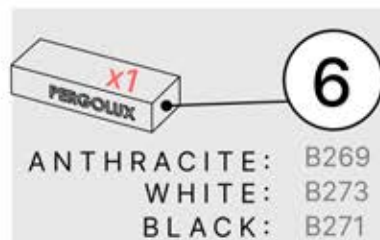


PN-200003033
1X

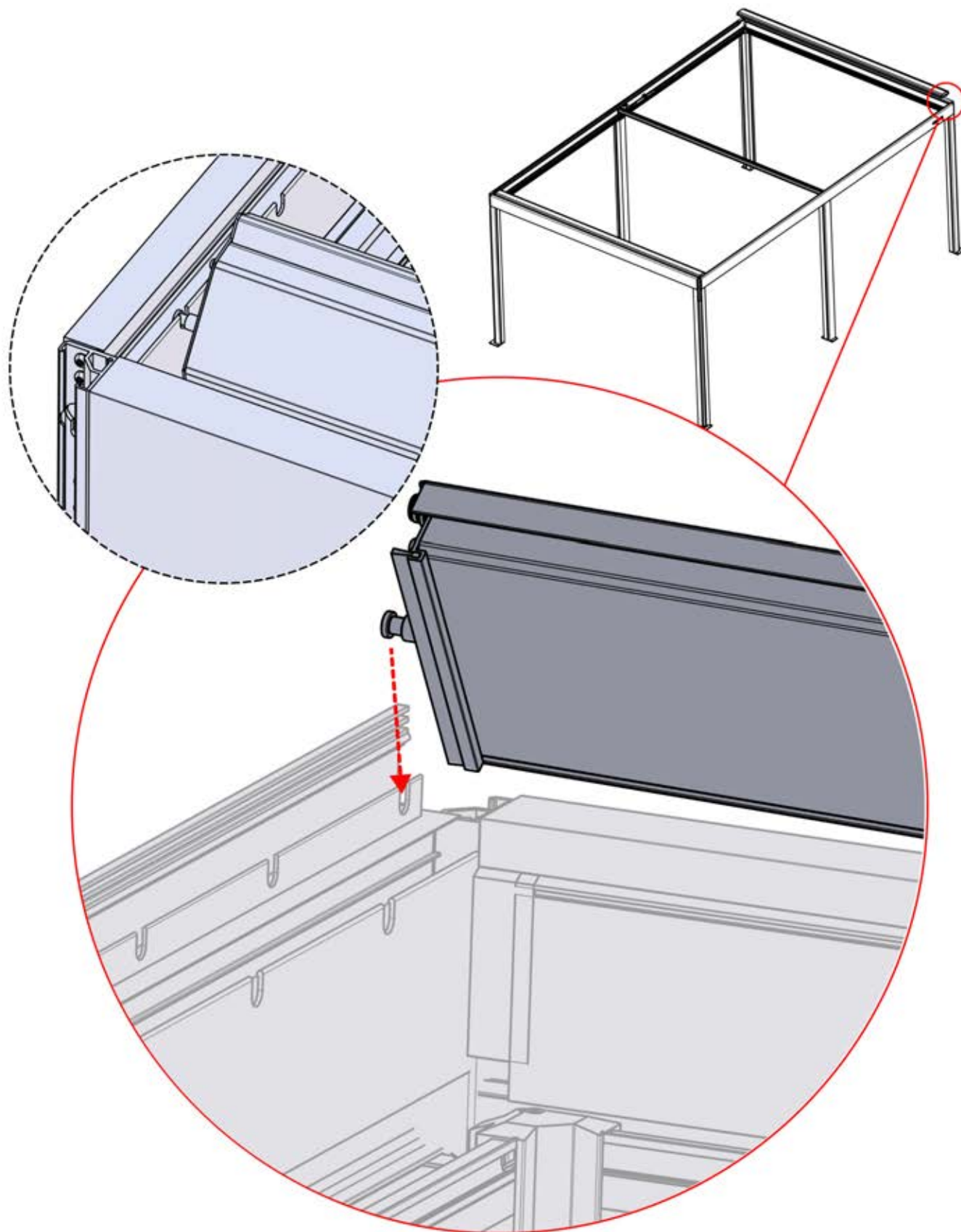
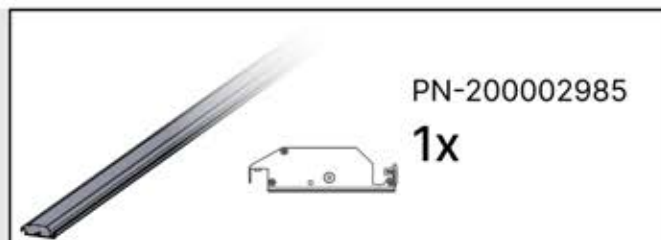
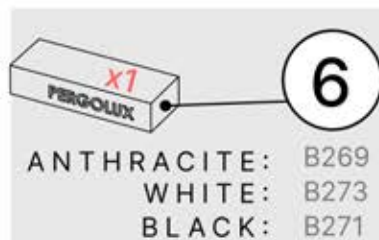
PN-20000
3278



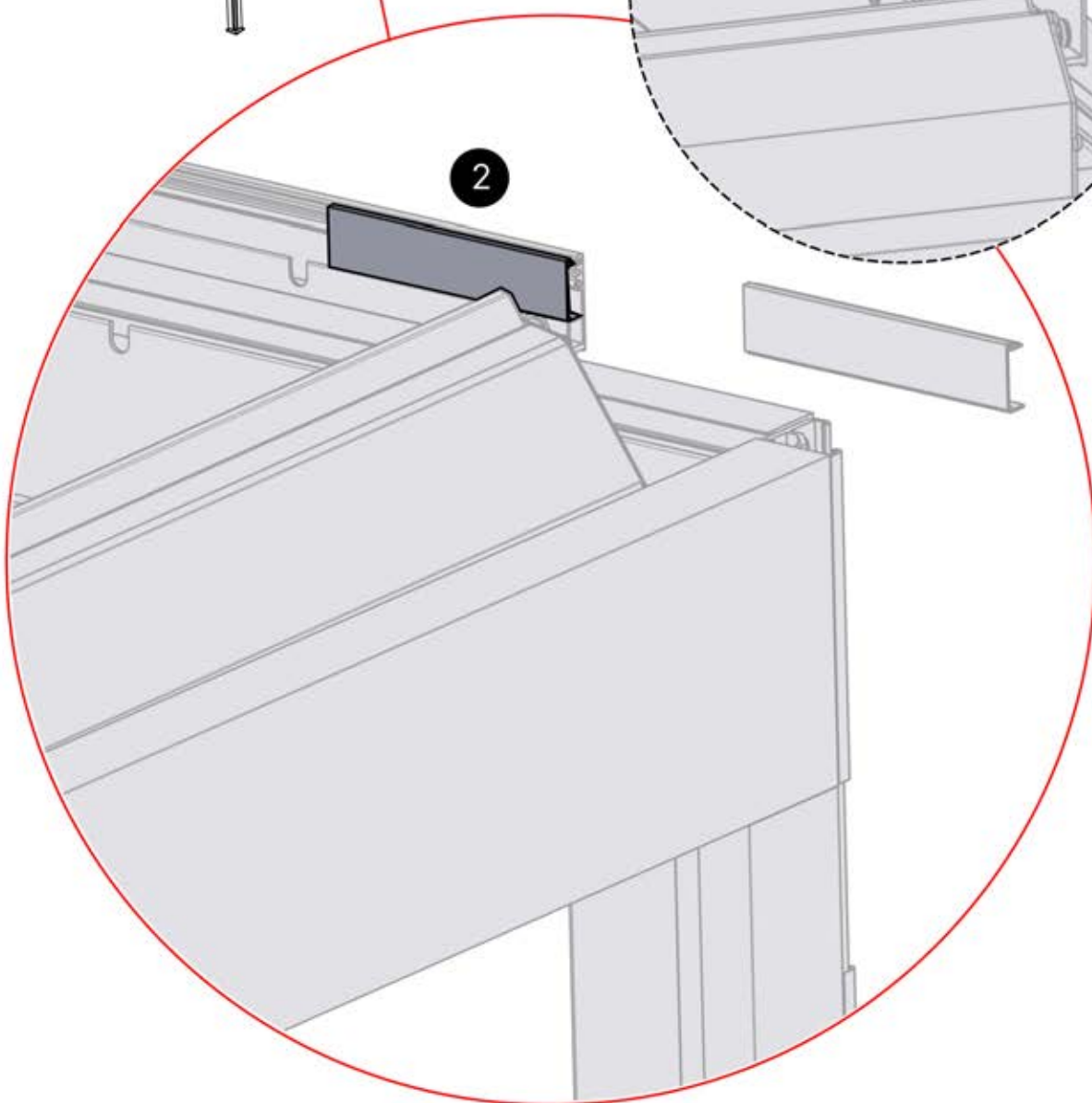
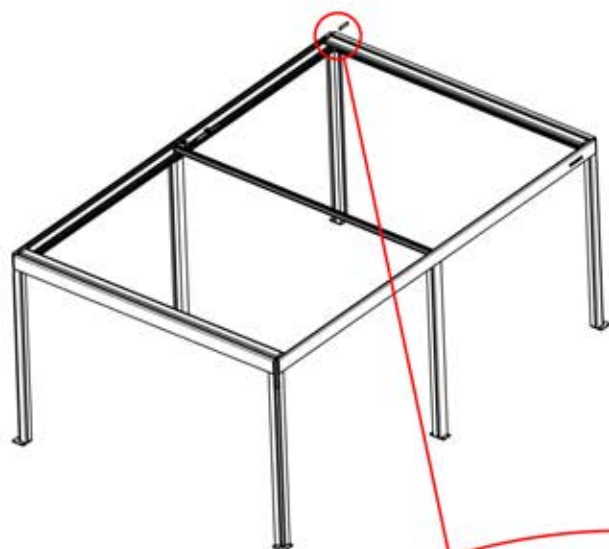
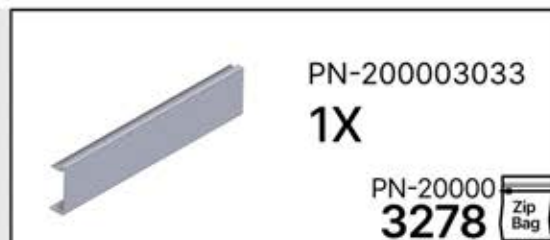
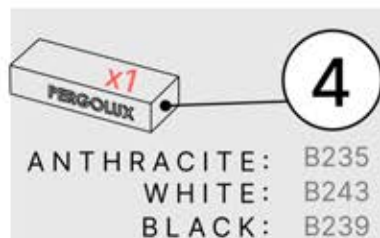
46



47



48



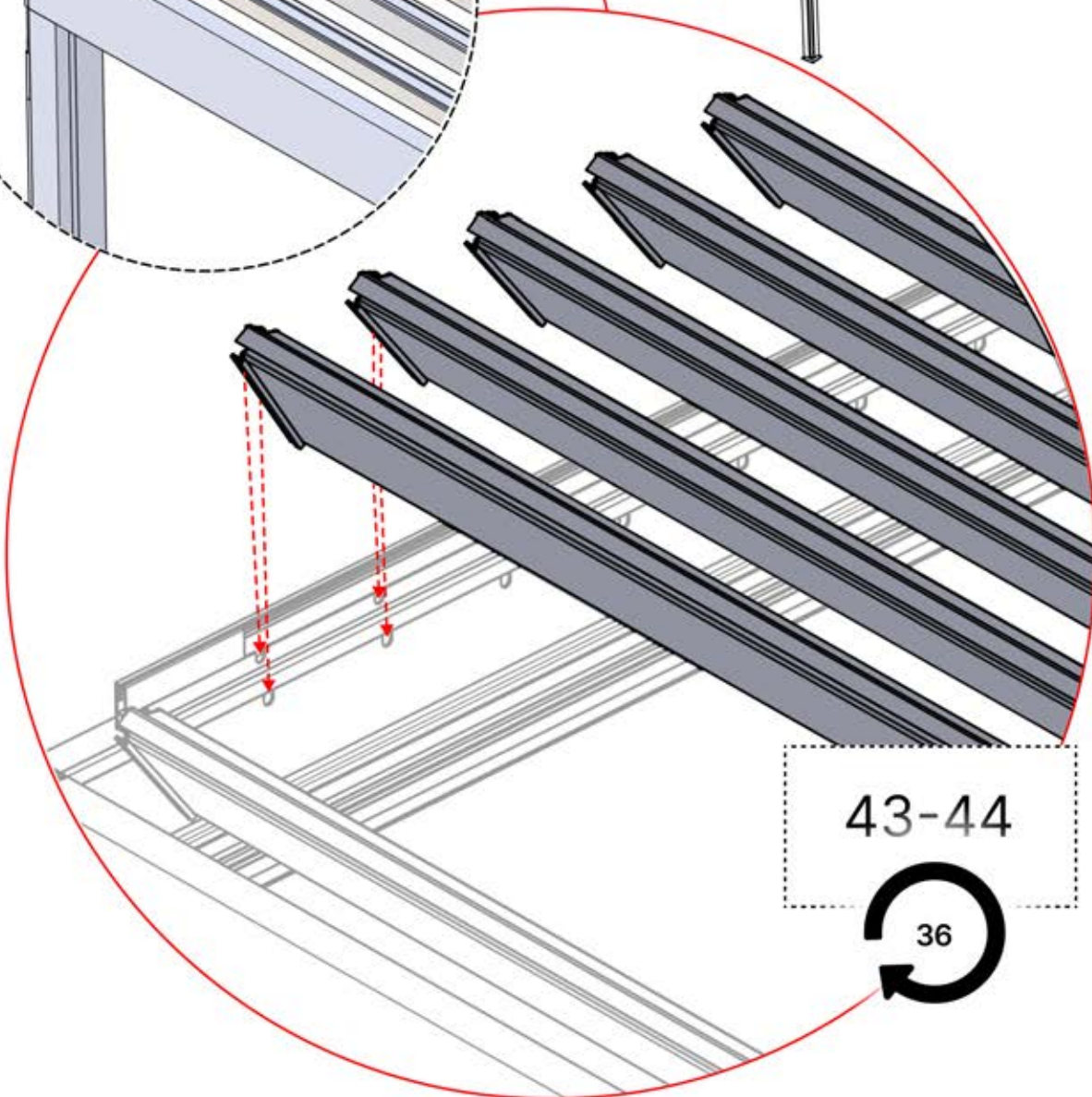
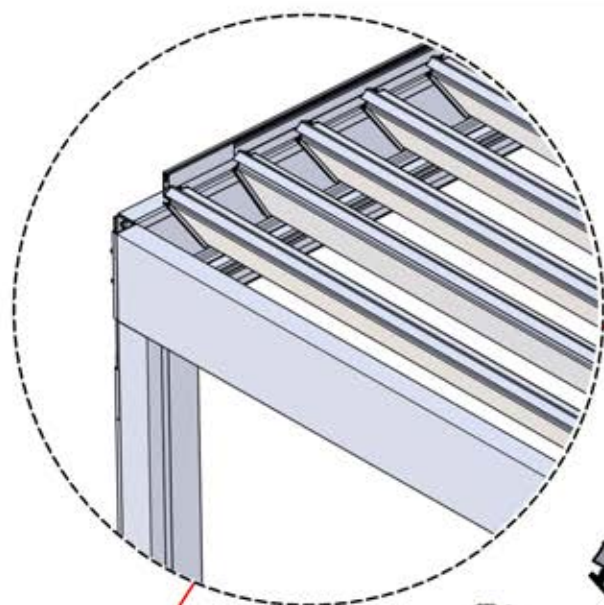
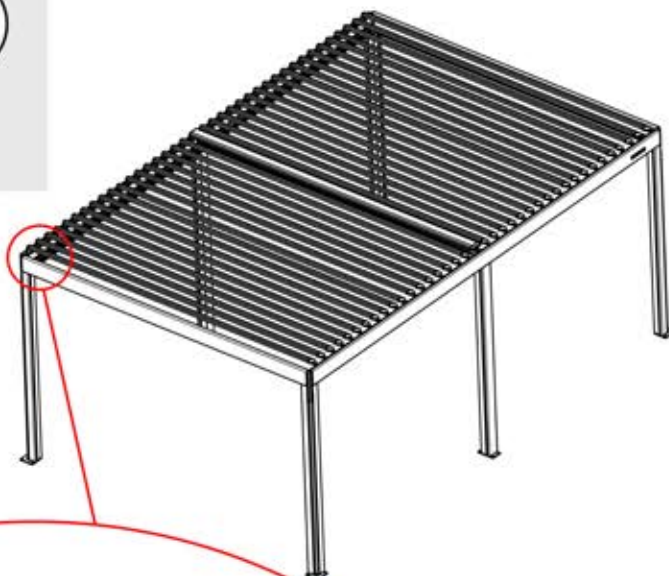
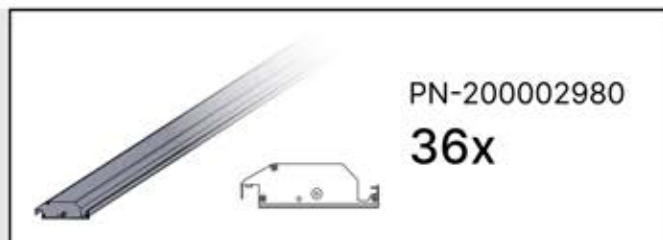
49



ANTHRACITE: B269
WHITE: B273
BLACK: B271



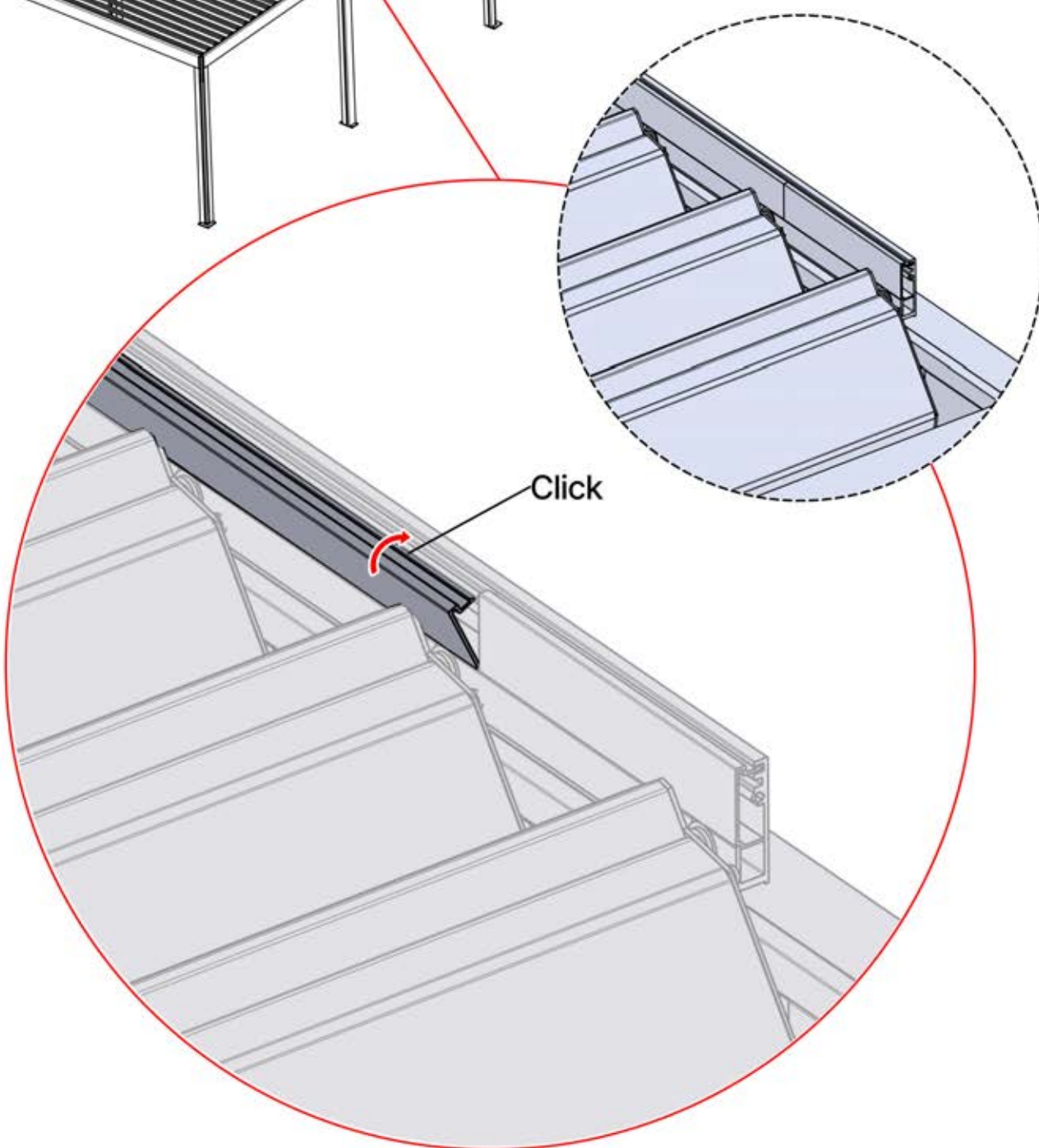
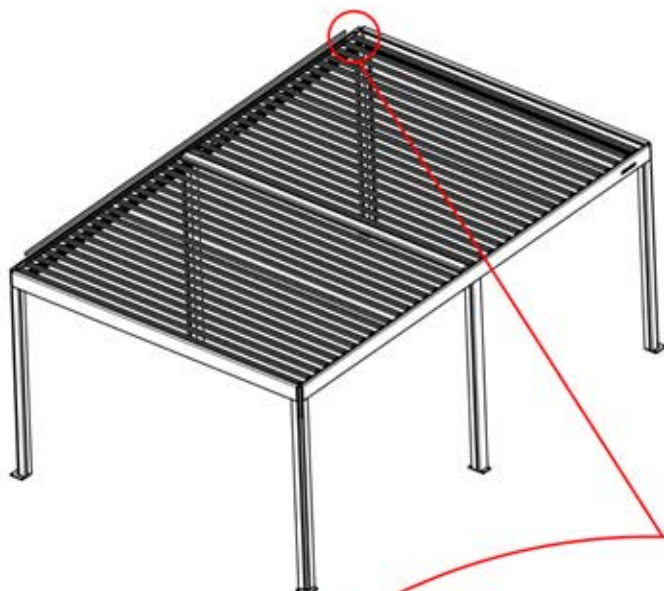
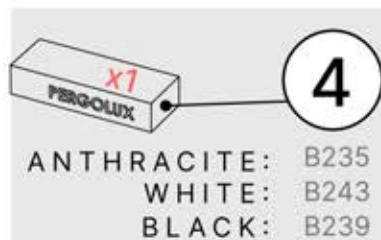
ANTHRACITE: L216
WHITE: L220
BLACK: L218



43-44

36

50

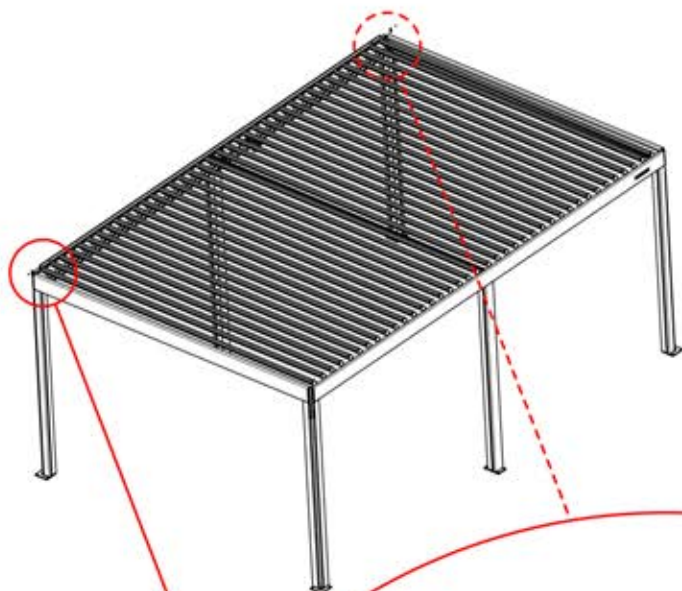


51



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200003030
1x

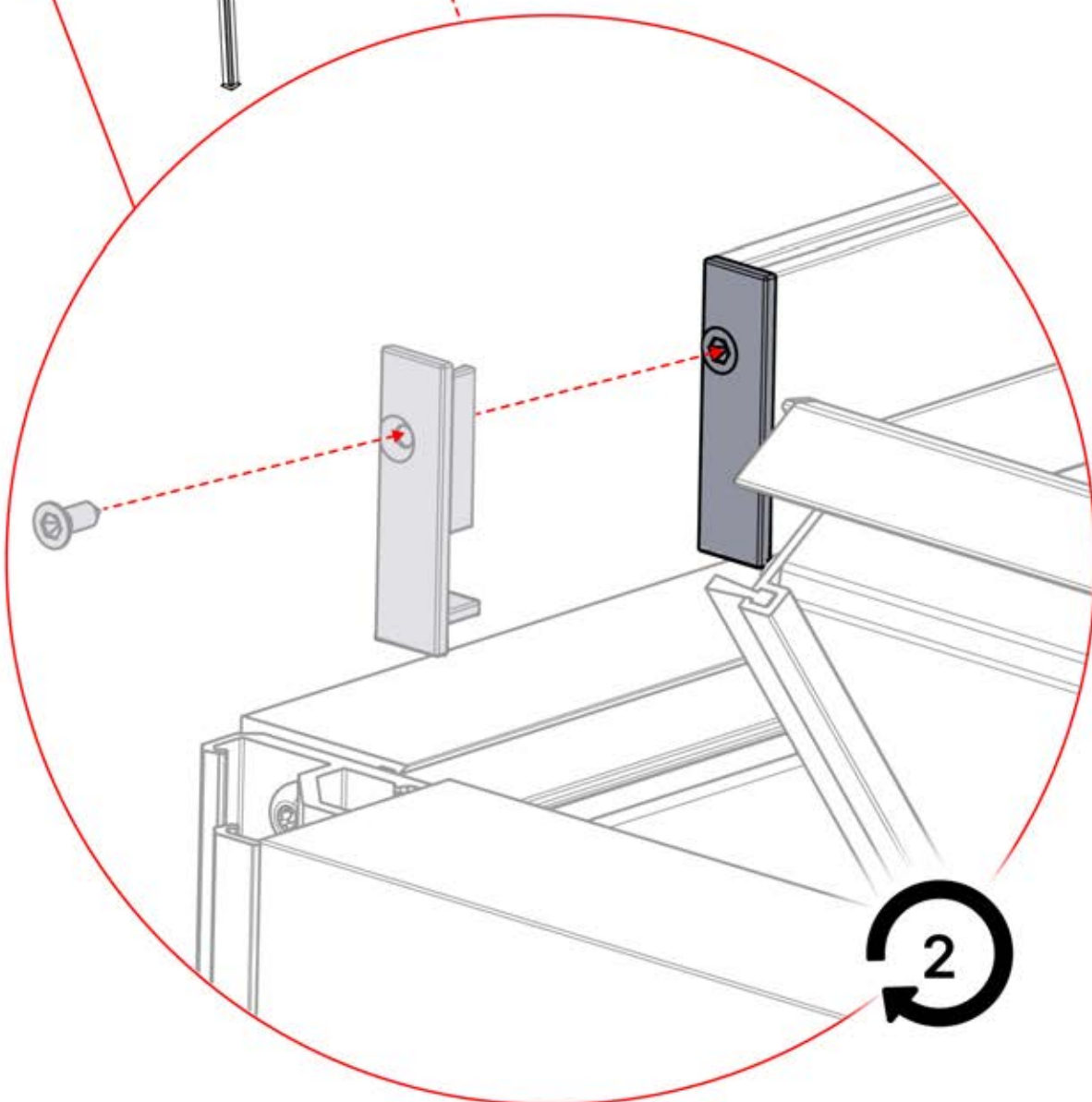


PN-200003031
1x



PN-200001207
2x

PN-20000
3278



52



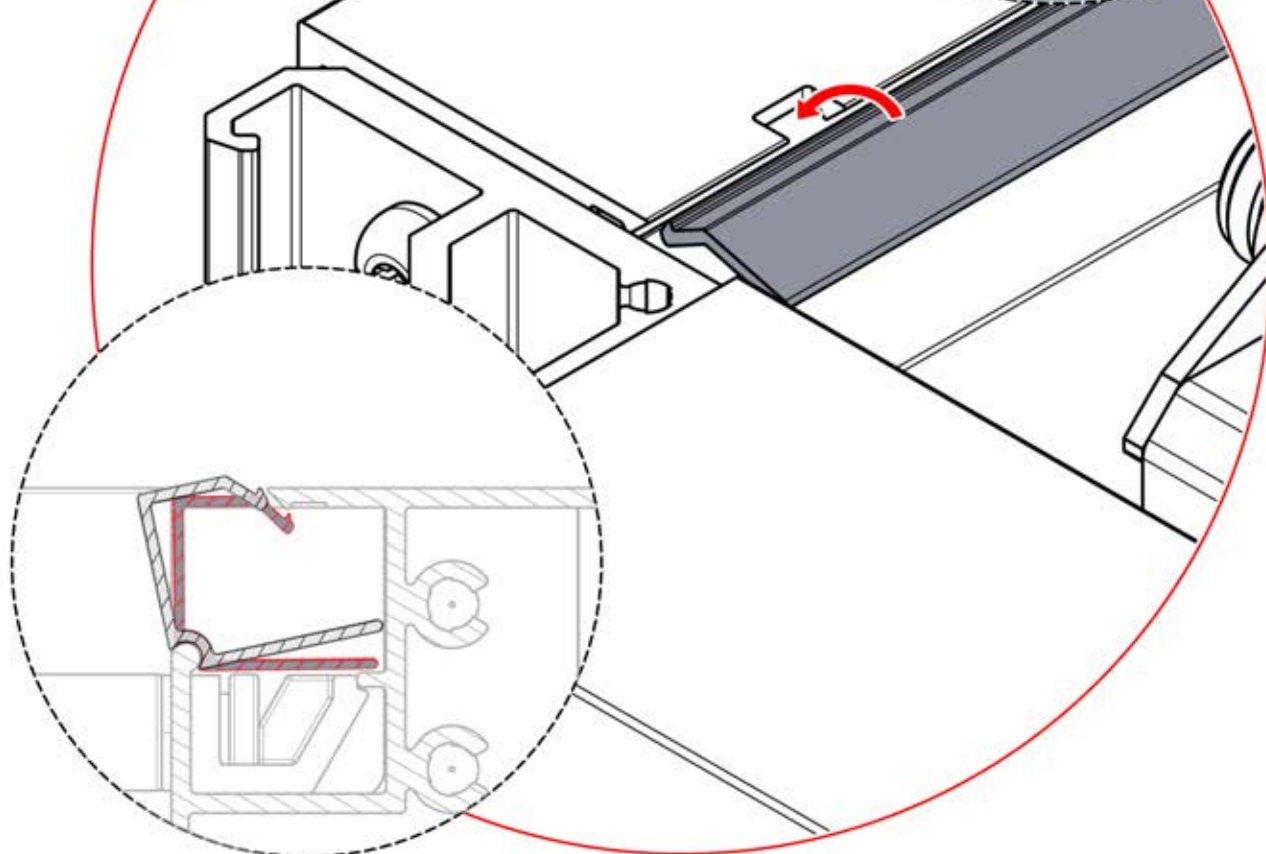
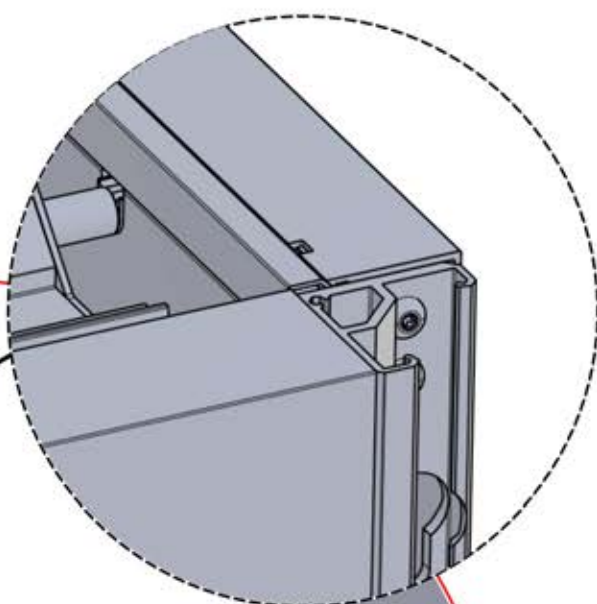
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200002863

1x

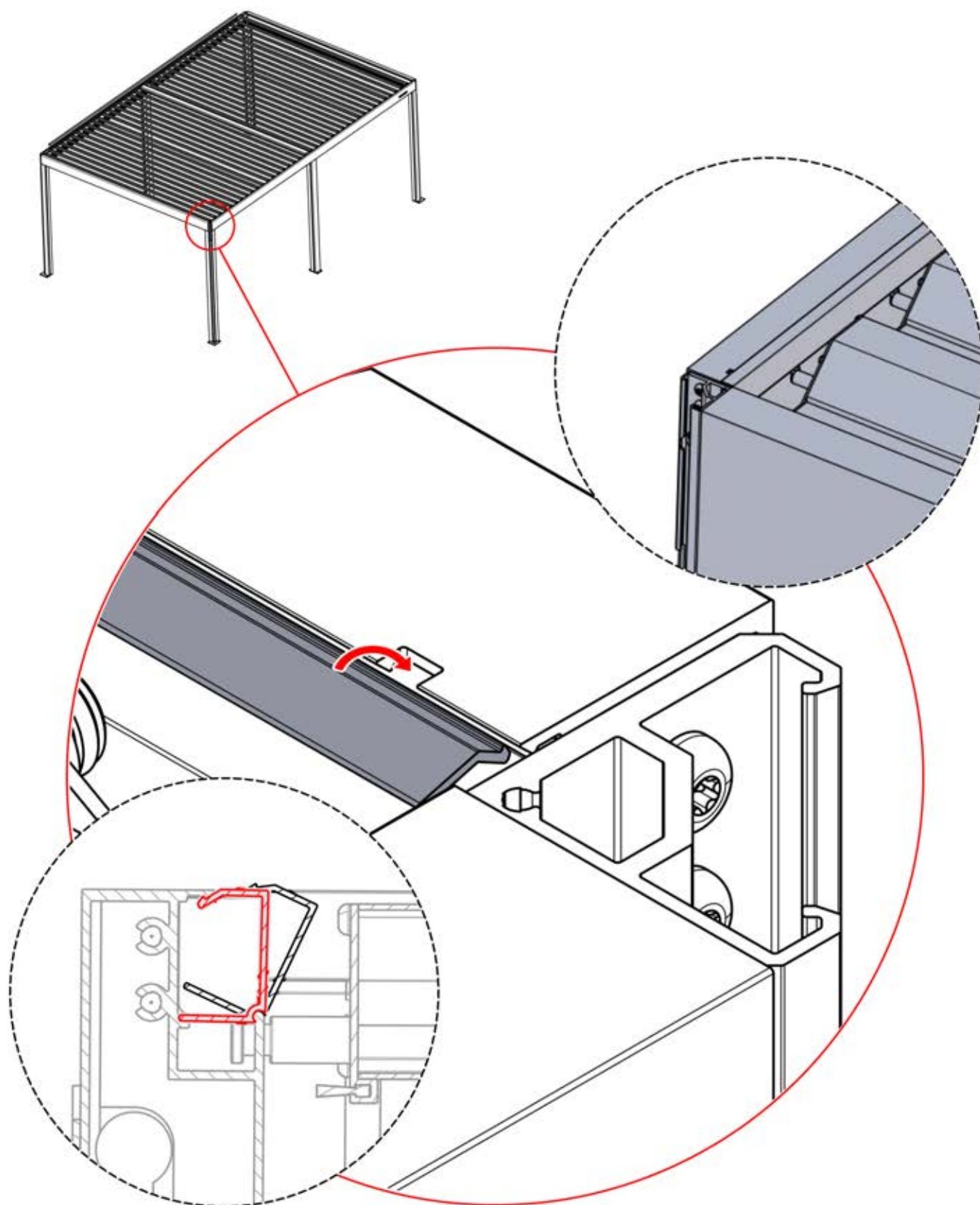
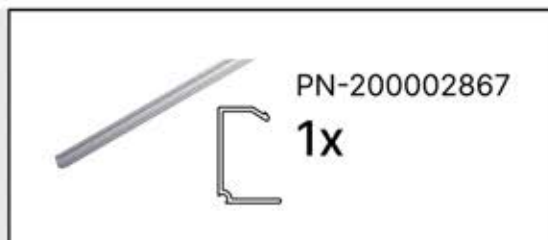


53



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



54

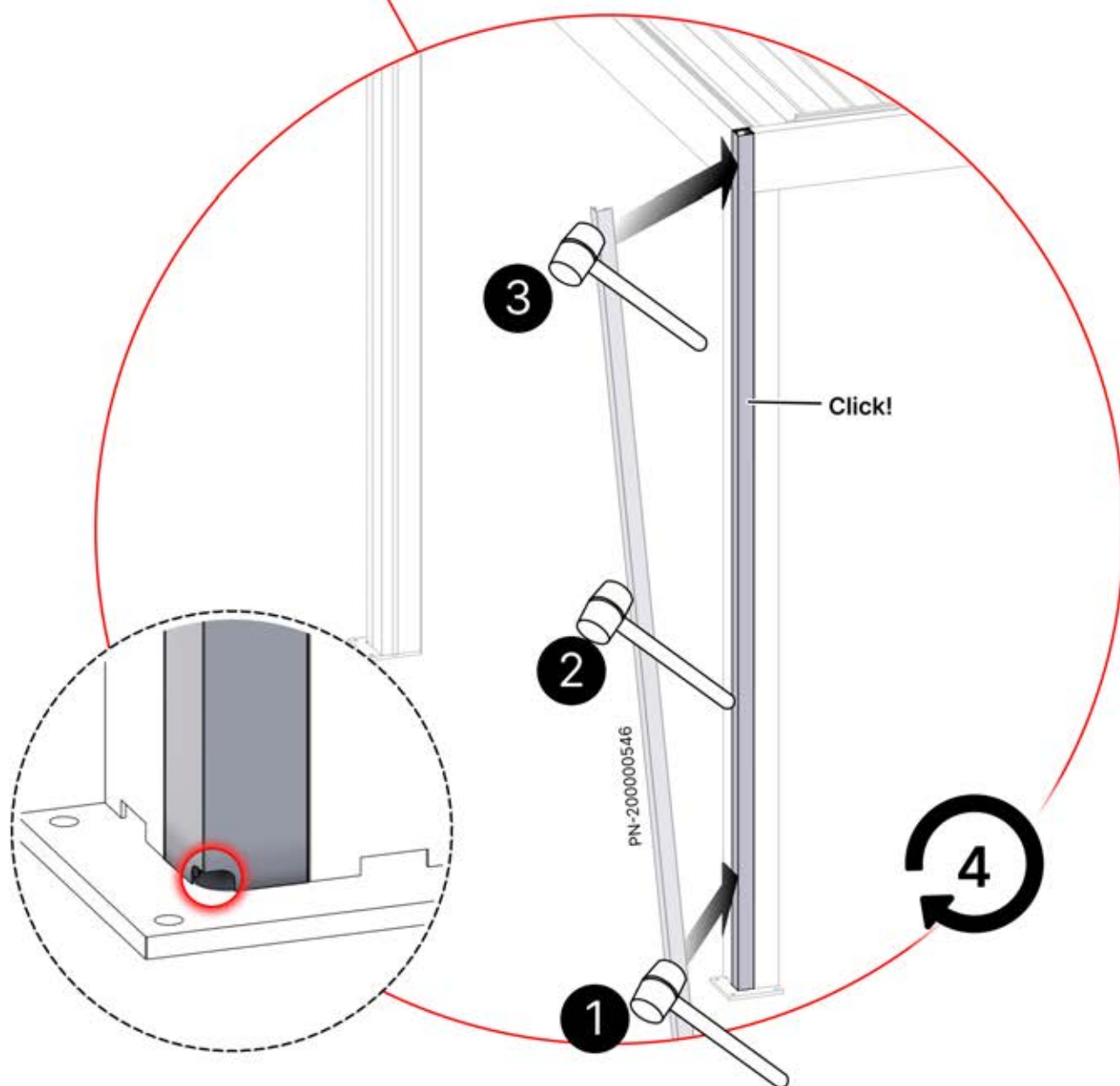


1

ANTHRACITE: C120
WHITE: C122
BLACK: C121

PN-200003386

4X

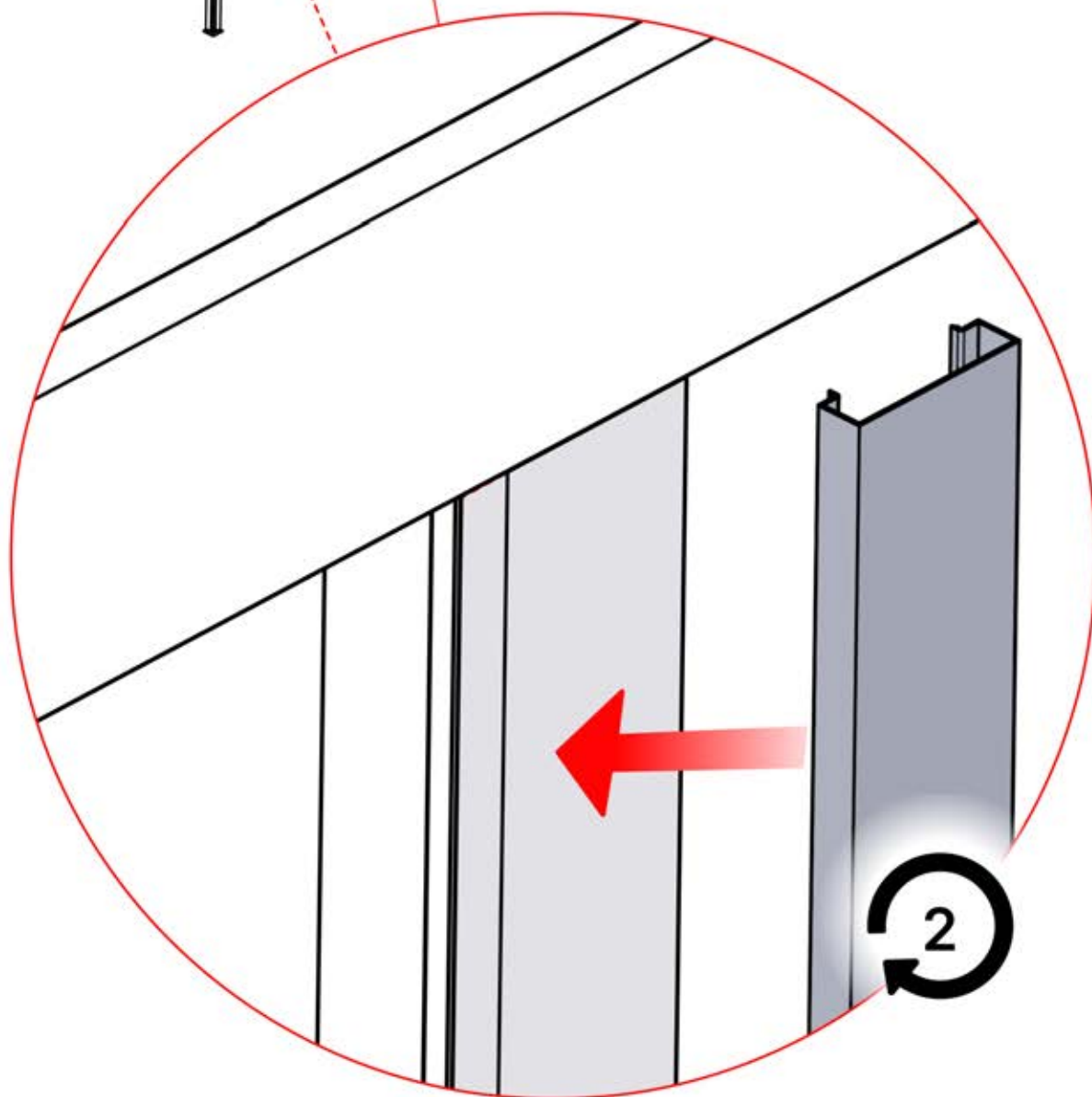
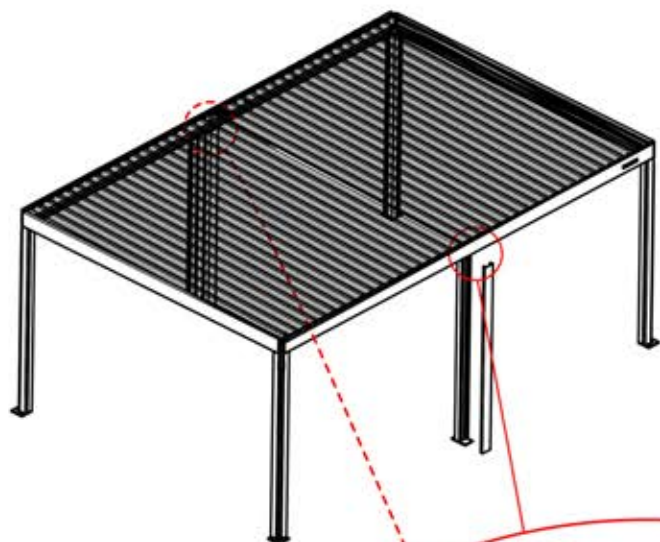
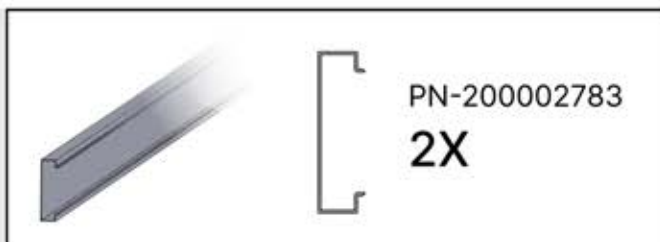


55

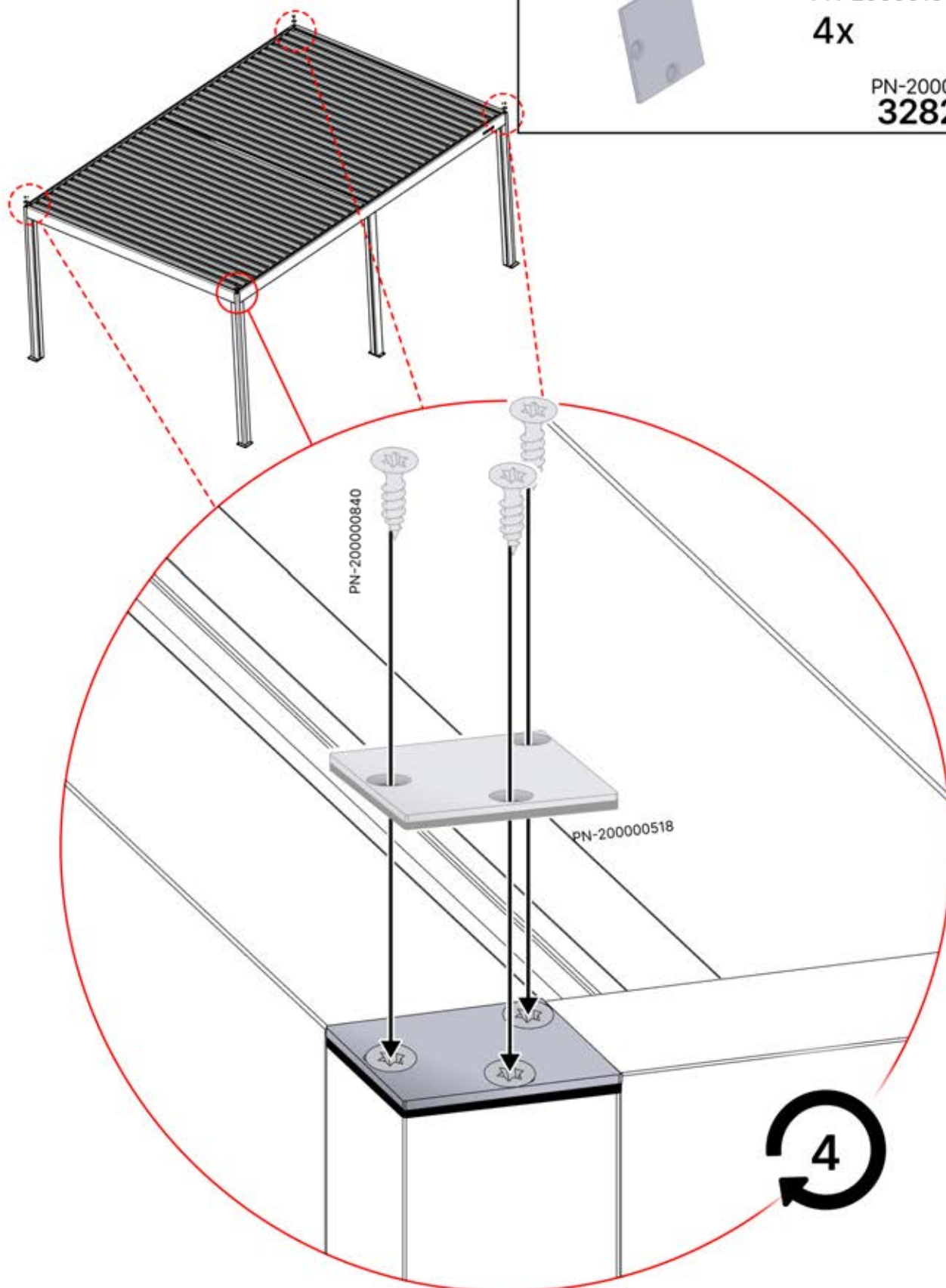
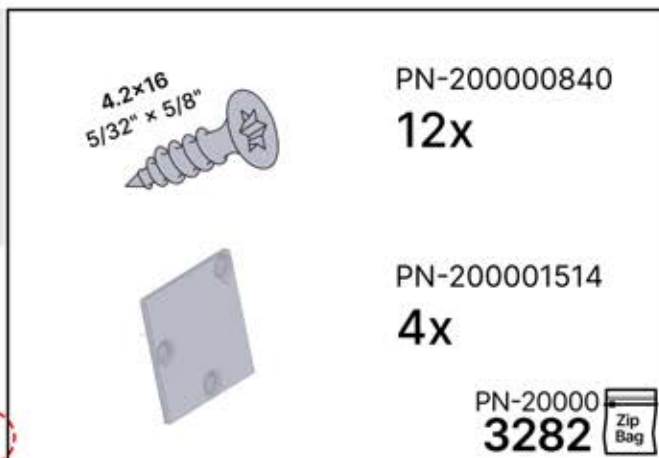
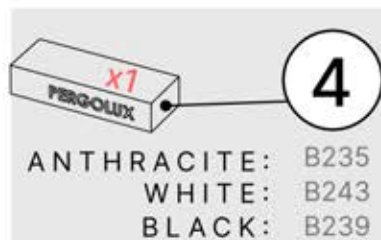


2

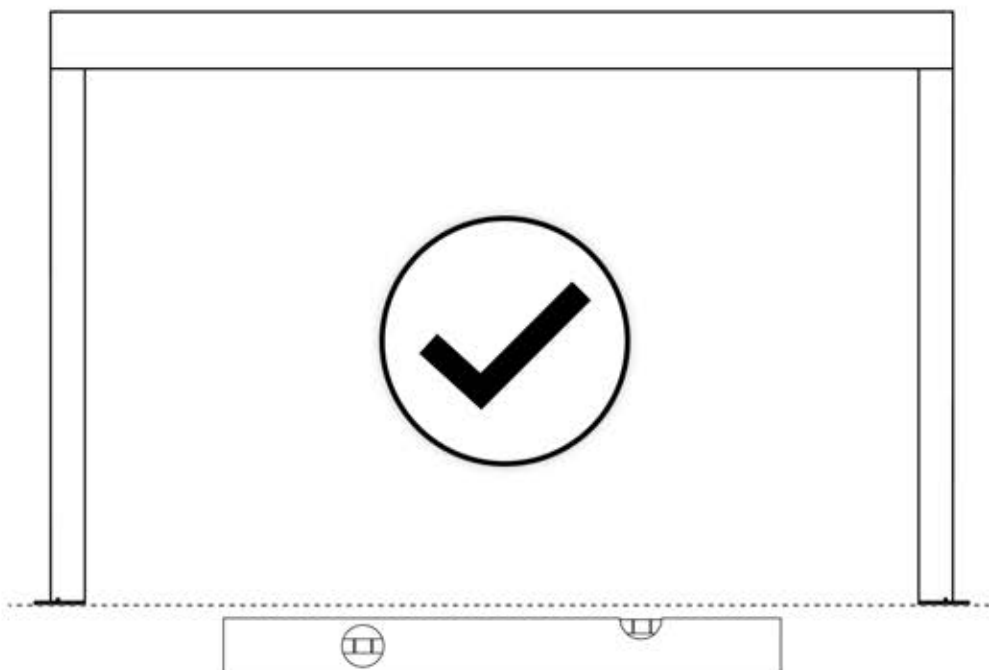
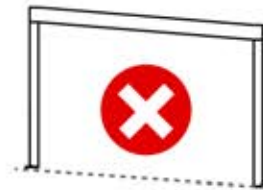
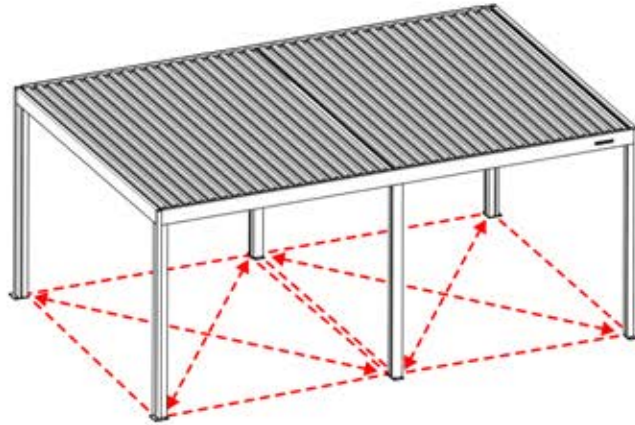
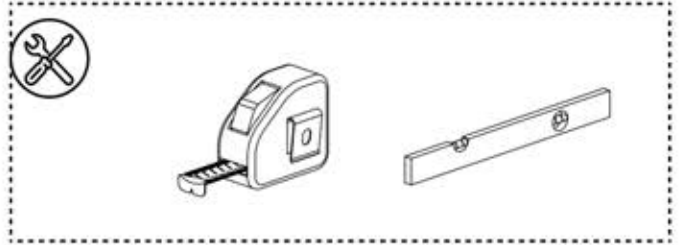
ANTHRACITE: C123
WHITE: C125
BLACK: C124



56



57



58



Use on
concrete



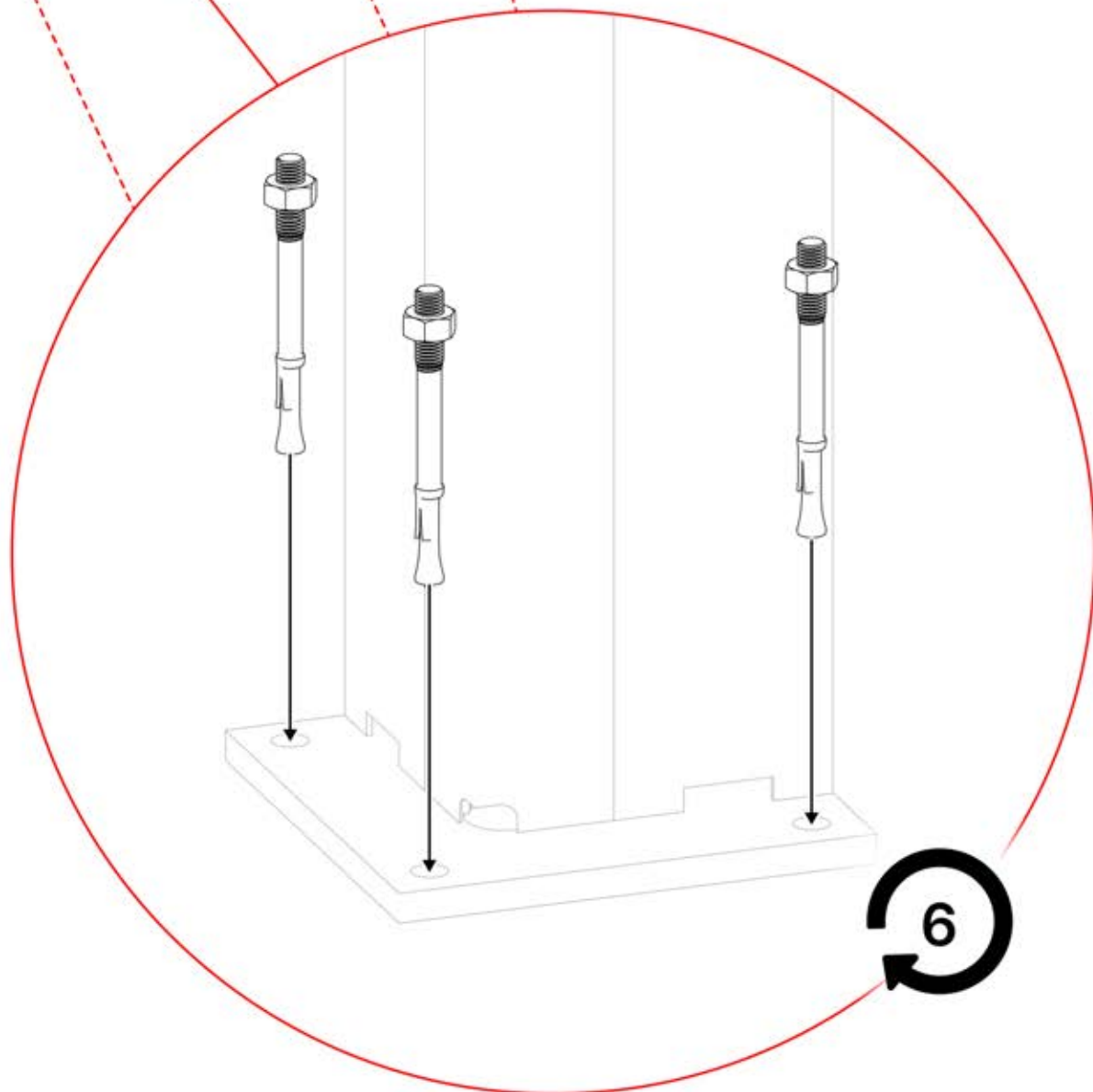
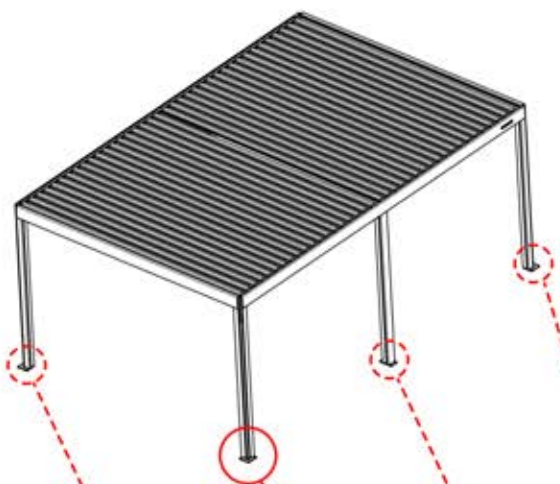
x12



Use on
wood



x12



PERGOLUX | PERGOLA PRO FREESTANDING S4

4 × 6 M / 13' x 19'



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678

