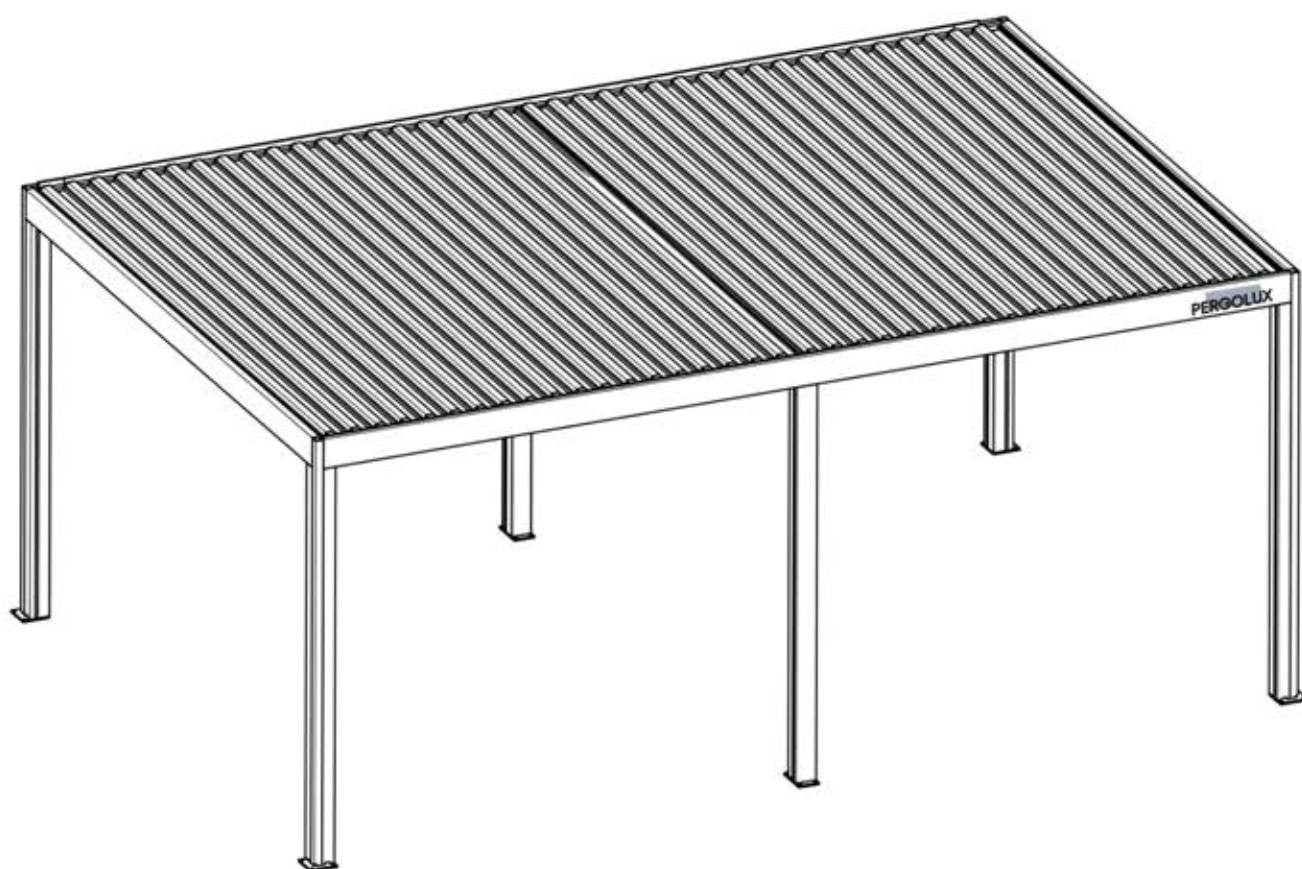


S4

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

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DOP-PRO-FSWM-S4

EN 13561:2015

Pergolux Pergola PRO S4

External use in buildings and other
construction works

Resistance to wind loads: Class6(EN13561)

SYMBOL EXPLANATION



Indicates the outside of the pergola structure.



This step may require extra force.



Indicates the inside of the pergola structure.



Key information to follow during installation.



Important! Be cautious when assembling or handling this part.



This item must be purchased separately.



Required tools for assembly.



Apply lubricant to make screw assembly easier.



Ensure grounding is connected before powering up.



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



Align slats according to sunlight direction for optimal shading.



AC Input



Repeat this step as many times as the number indicates

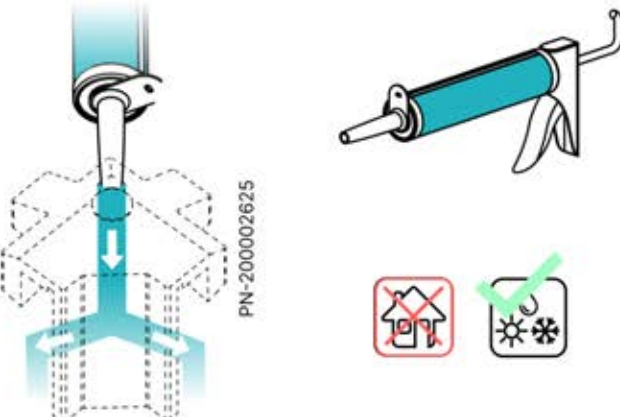


Motor



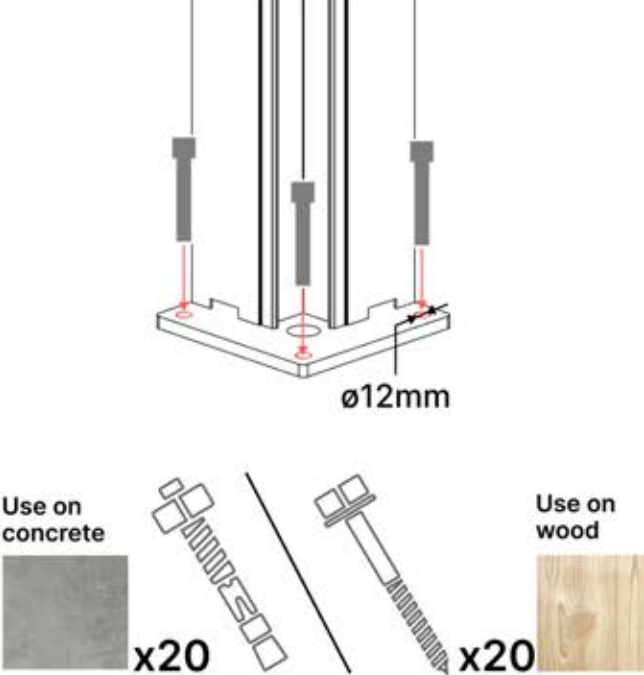
Turn around

INFORMATION



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

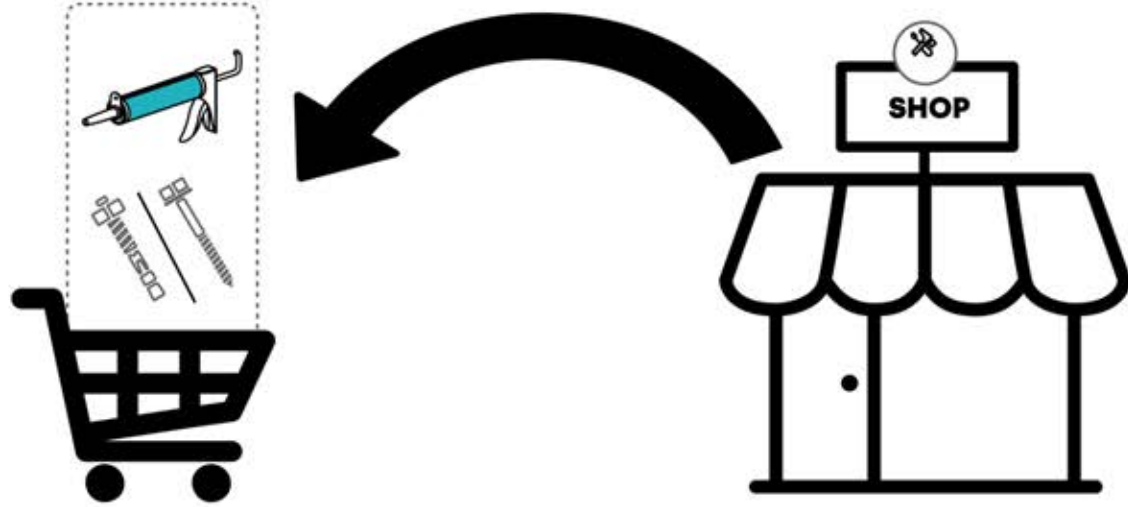
Use on concrete

x20

Use on wood

x20

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

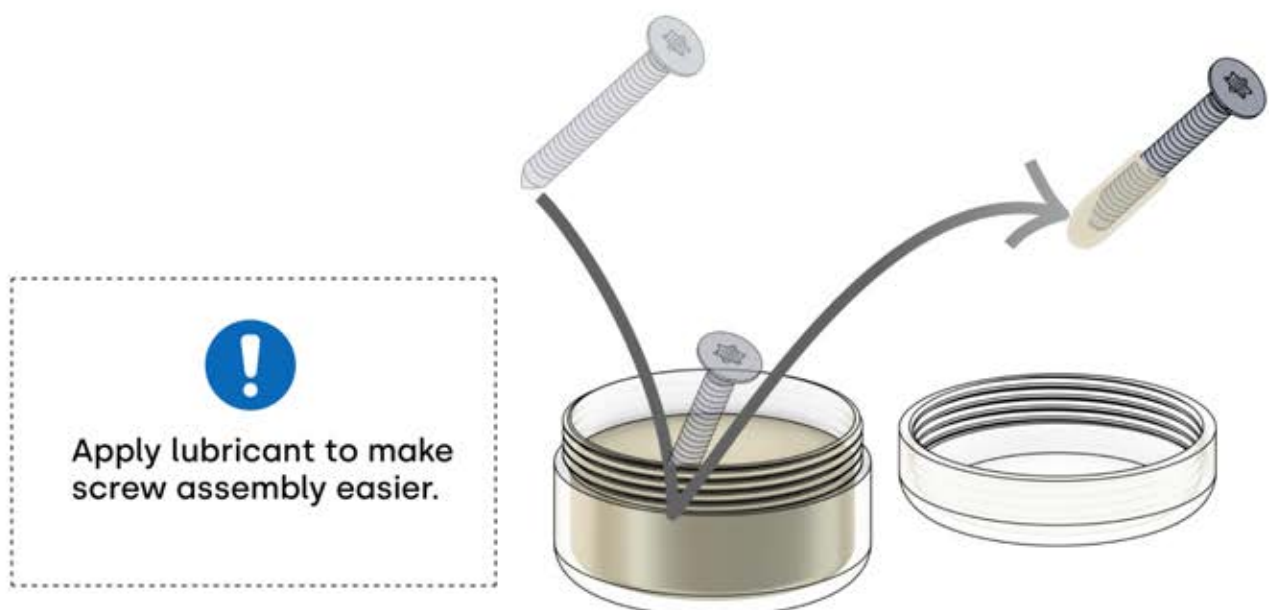


SHOP

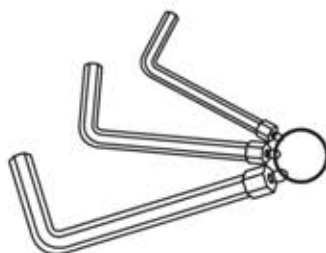
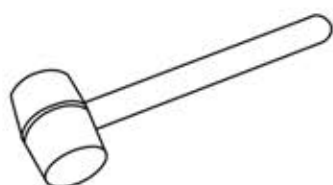
INFORMATION

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

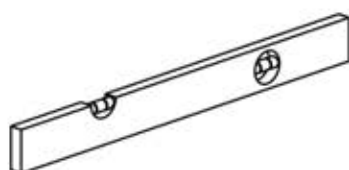
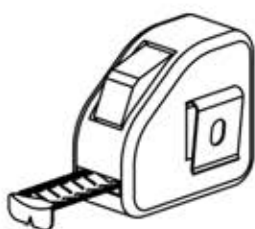
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION



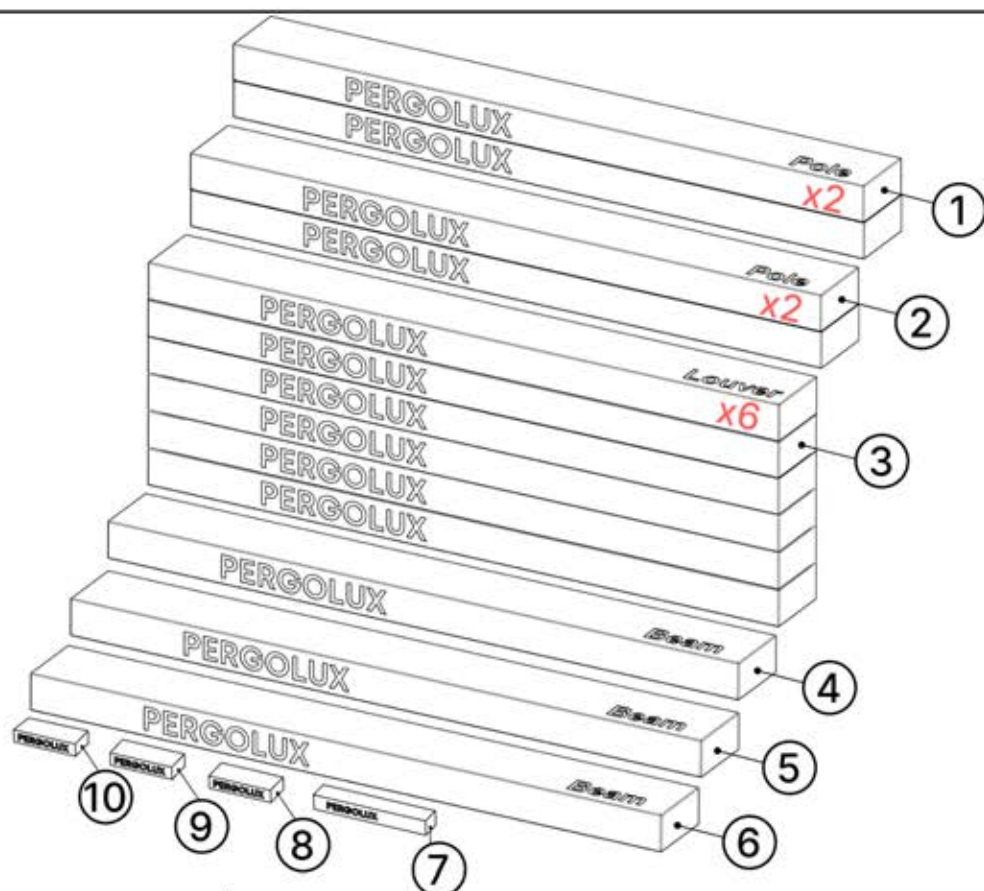
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

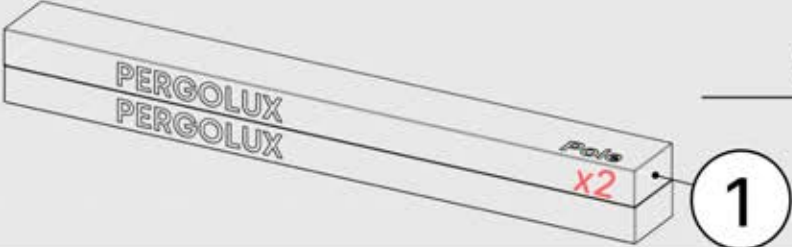


PACKAGE OVERVIEW

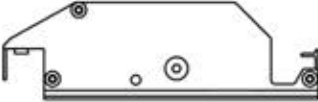


ORDER	ANTHRACITE	WHITE	BLACK
①	C120	C122	C121
②	C123	C125	C124
③	L216	L220	L218
④	B235	B243	B239
⑤	B257	B261	B259
⑥	B269	B273	B271
⑦	MOTOR		
⑧	WHITE / RGB LED		
⑨	CONTROL BOX		
⑩	POWER CABLE		

ITEMS IN BOX

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

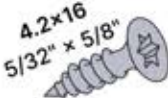
ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		C123	C125	C124
			PN-200002782 2x	
			PN-200002783 2X	
			PN-200002785 2x	
		ANTHRACITE	WHITE	BLACK
		L216	L220	L218
			PN-200002980 36x	

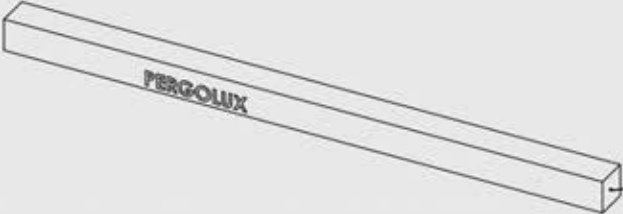
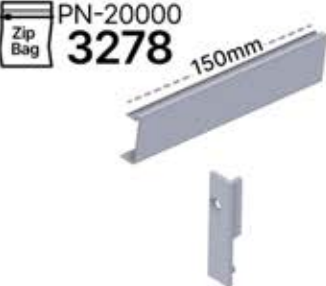
ITEMS IN BOX

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

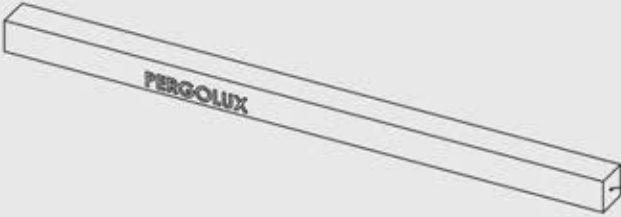
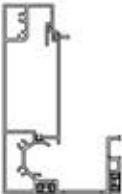
ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	4	B235	B243 B239
		PN-200002865 1x	
		PN-200003380 1x	
	PN-200000560 28x		PN-200000826 2x
	PN-200000732 2x		PN-200000731 2x
	PN-200000415 8x		PN-200000668 4x
	PN-200001514 4x		PN-200000840 12x
	PN-200000568 32x		PN-200003385 2x

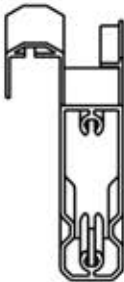
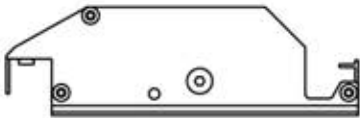
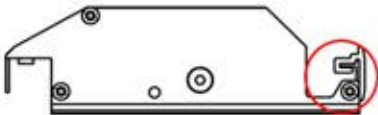
ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		B235	B243	B239
4				
	PN-200003033 2x			PN-200003031 1x
	PN-200003030 1x			PN-200001207 2x
	PN-200000507 4x			PN-200002618 4x
	PN-200000569 8x			PN-200000571 4x
	PN-200000568 4x			PN-200000960 4x
	PN-200002617 4x			PN-200002625 4x
	PN-200002622 4x			PN-200000680 8x

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
4		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				
		ANTHRACITE WHITE BLACK		
5		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.

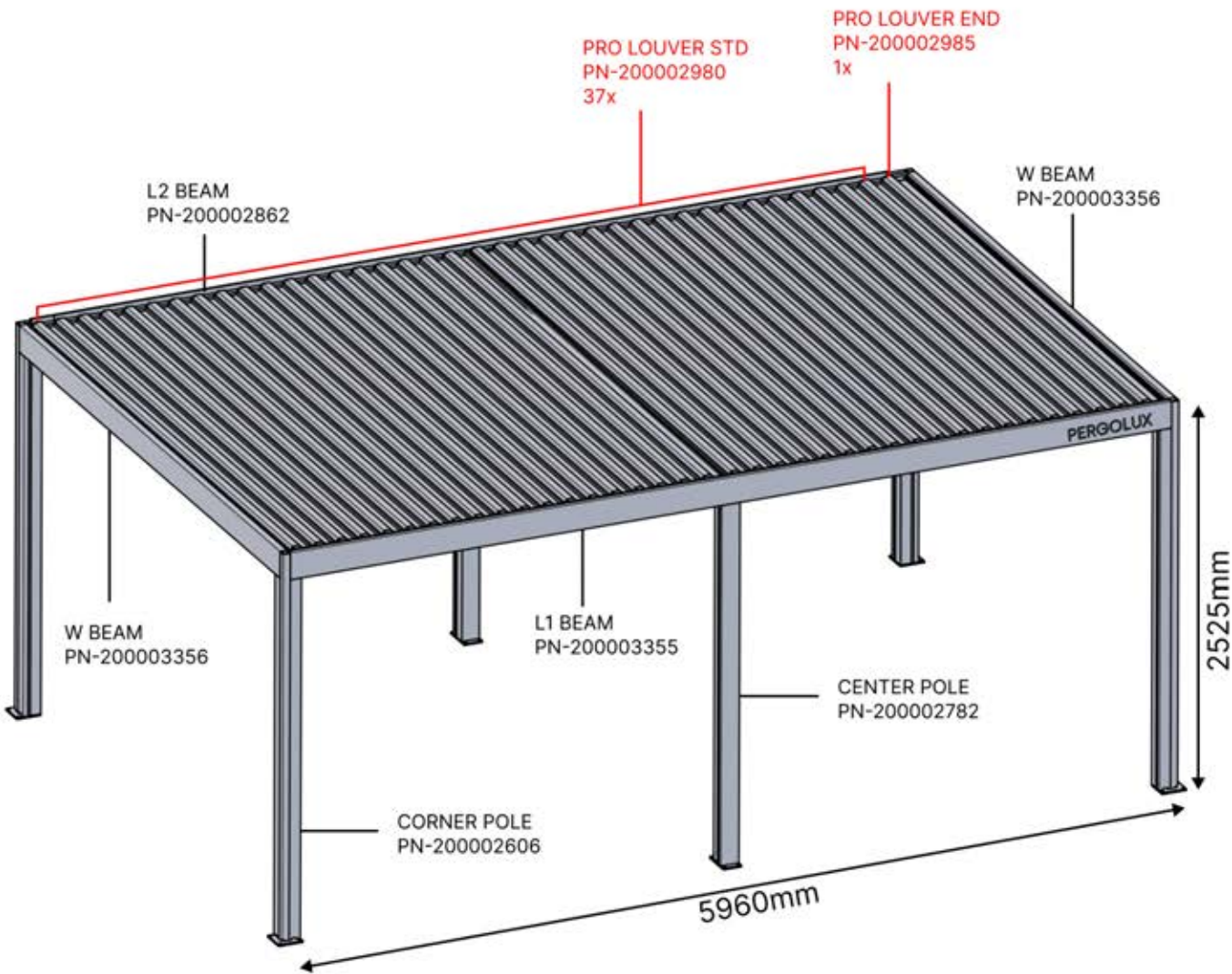
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



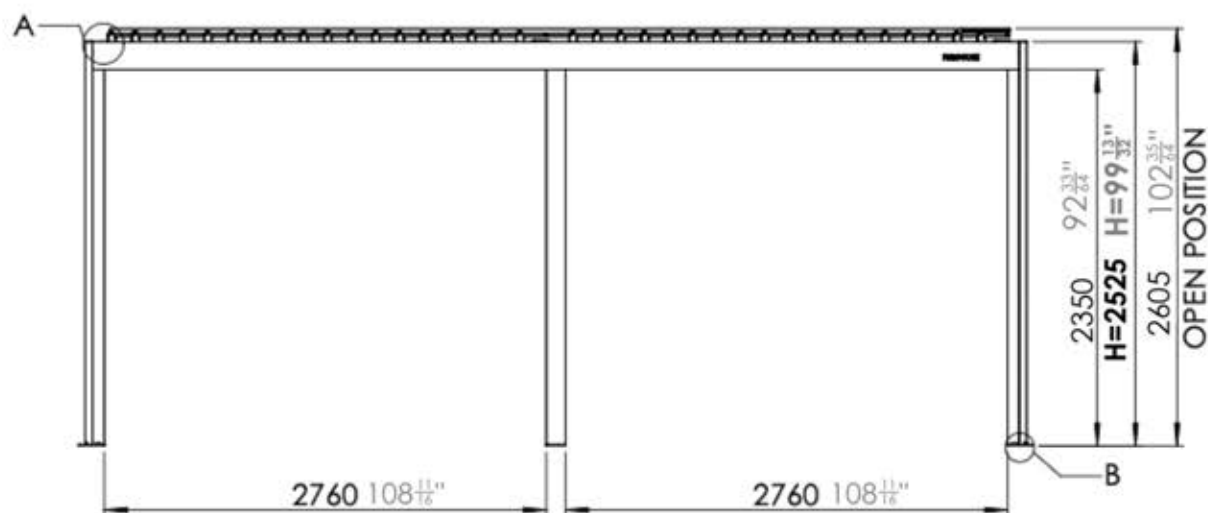
CONTROL BOX

[View Manual](#)

4 × 6 M / 13'x19'

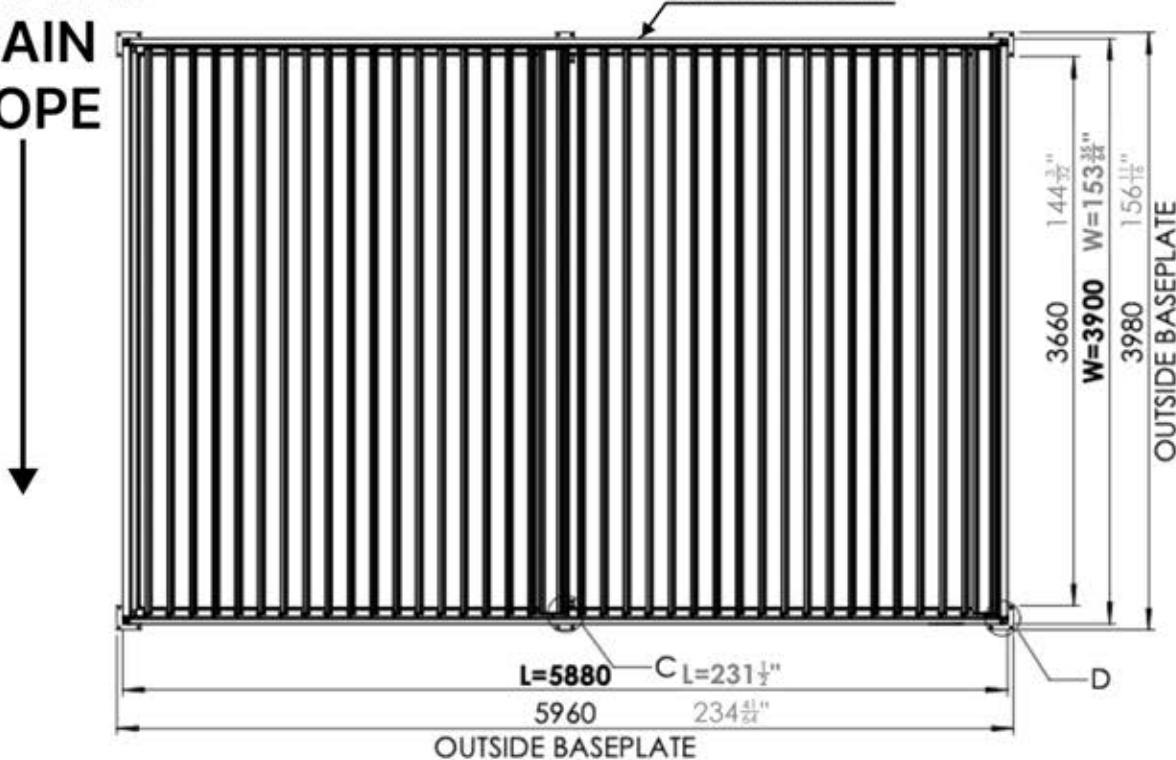


4 × 6 M / 13'x19'



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.

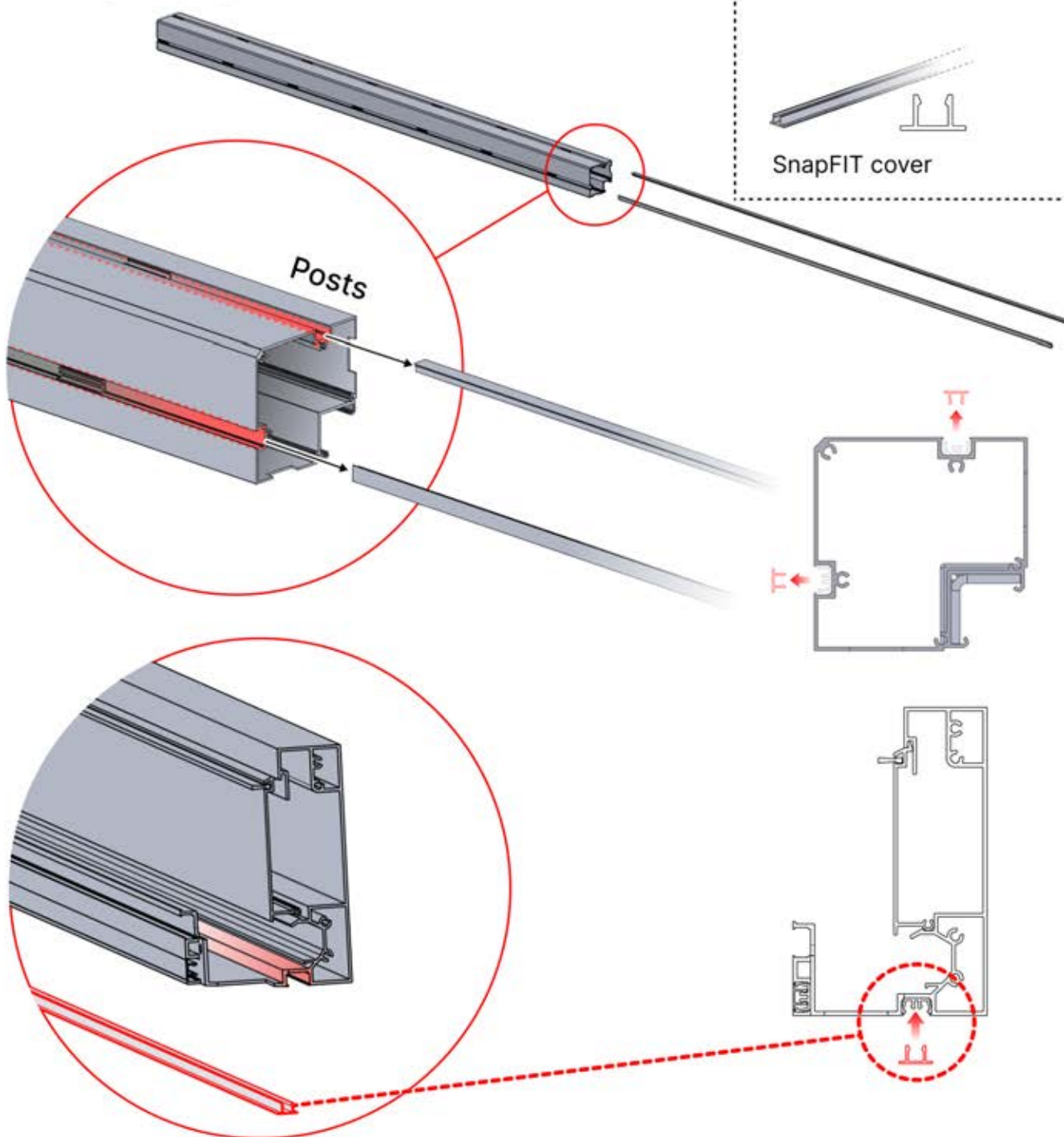
Cover and clips



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.

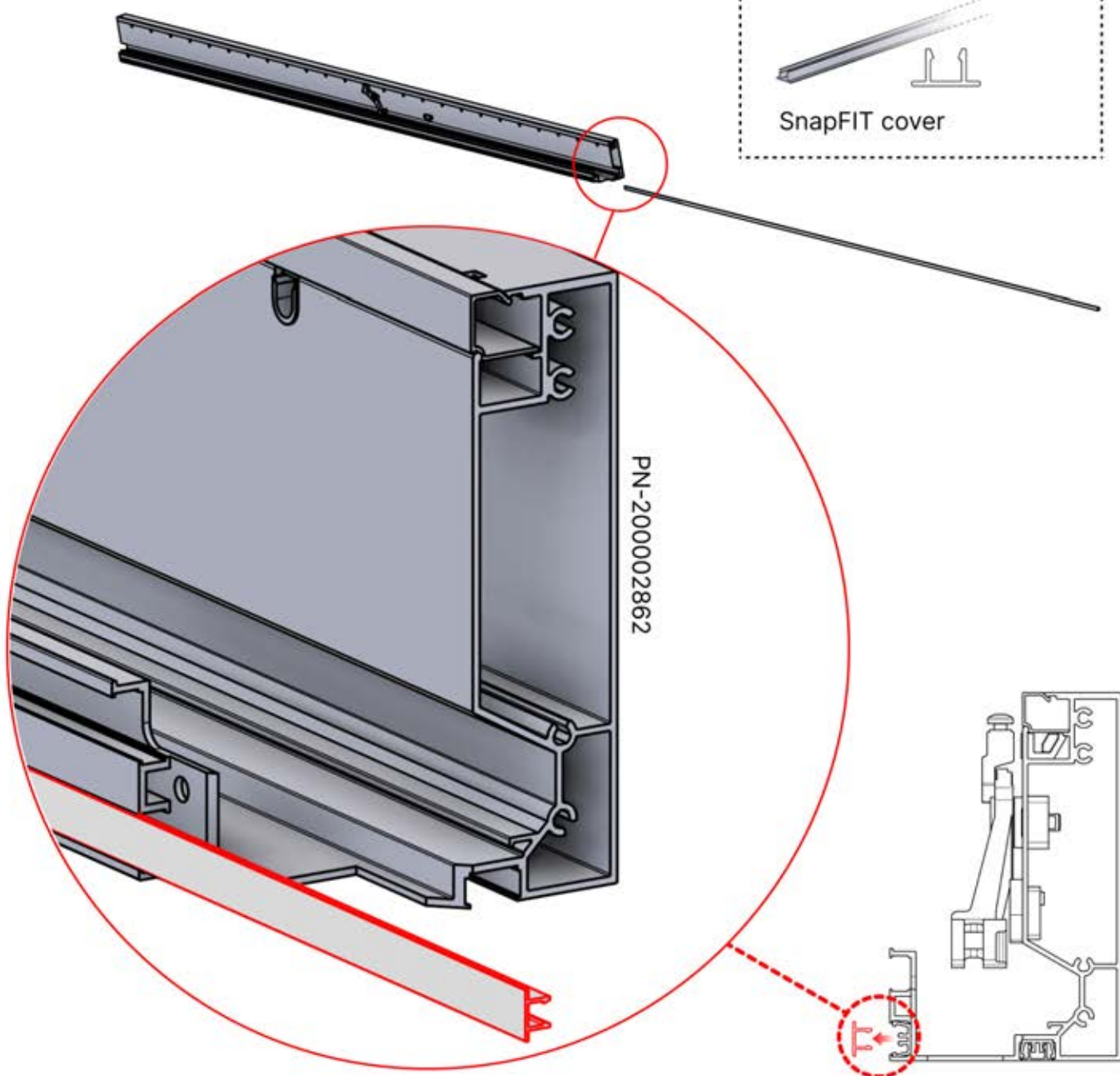
Cover and clips



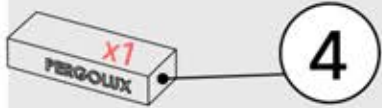
PN-200000512
SnapFIT COVER CLIP



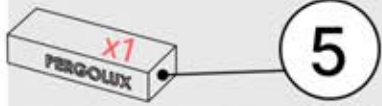
SnapFIT cover



INFORMATION



ANTHRACITE: B235
WHITE: B243
BLACK: B239



ANTHRACITE: B257
WHITE: B261
BLACK: B259



PN-200003356

2x

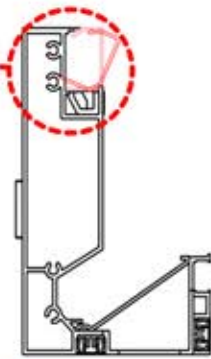
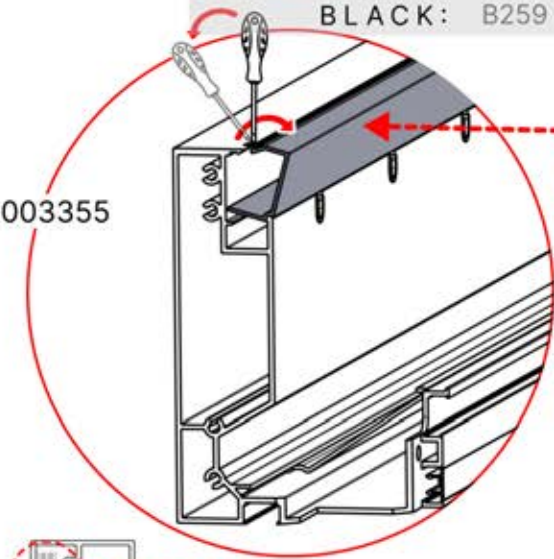
PN-200003355

1x

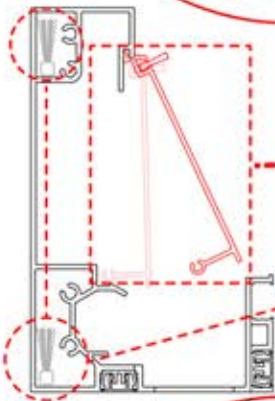
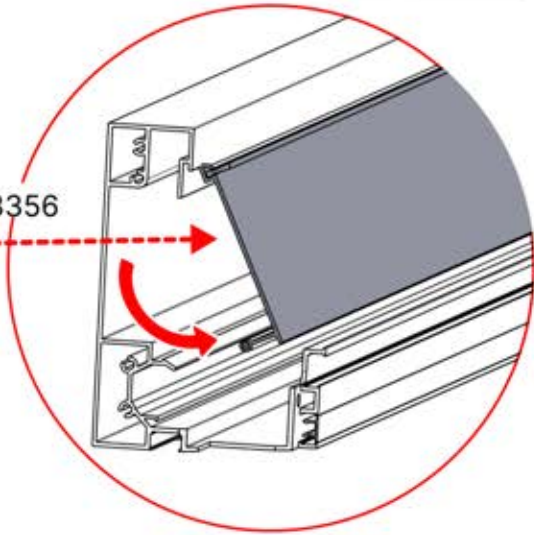
PN-200002862

1x

PN-200003355

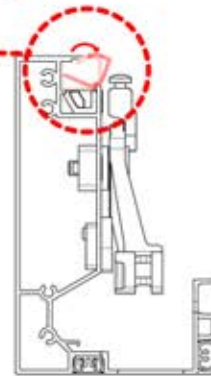
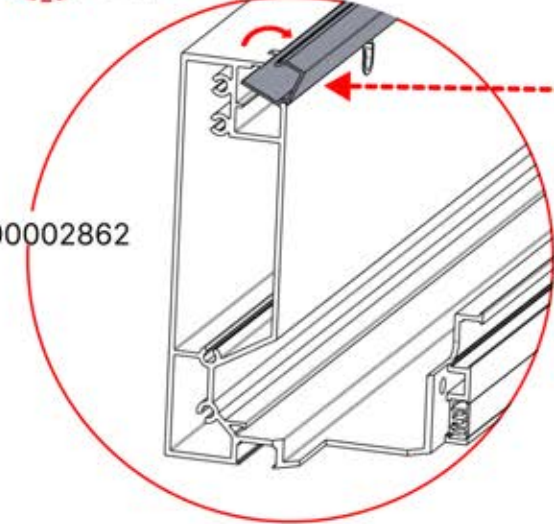


PN-200003356



! 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



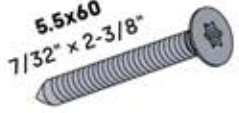
PN-200002606

4x



PN-200002614

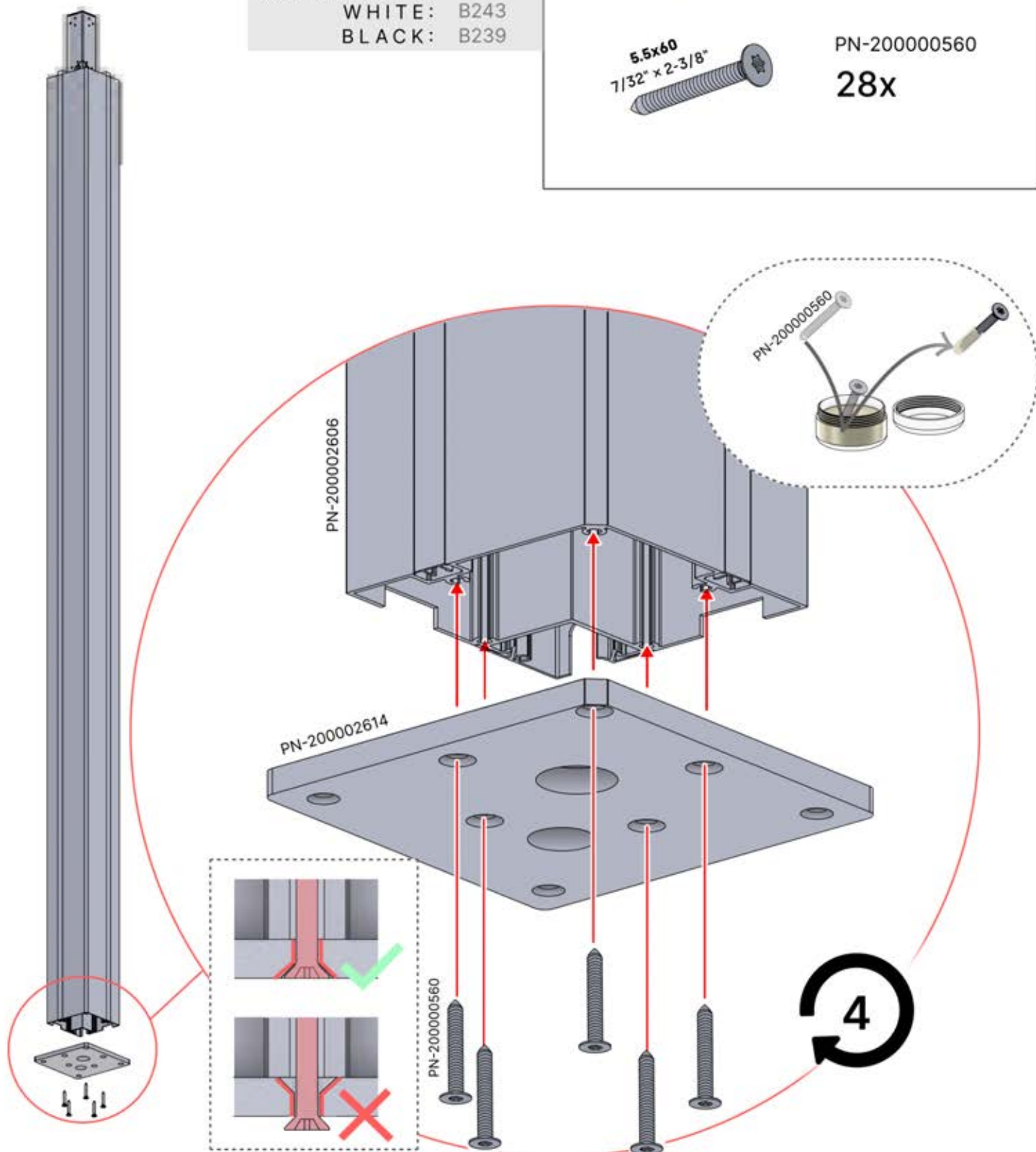
4x



5.5x60
7/32" x 2-3/8"

PN-200000560

28x



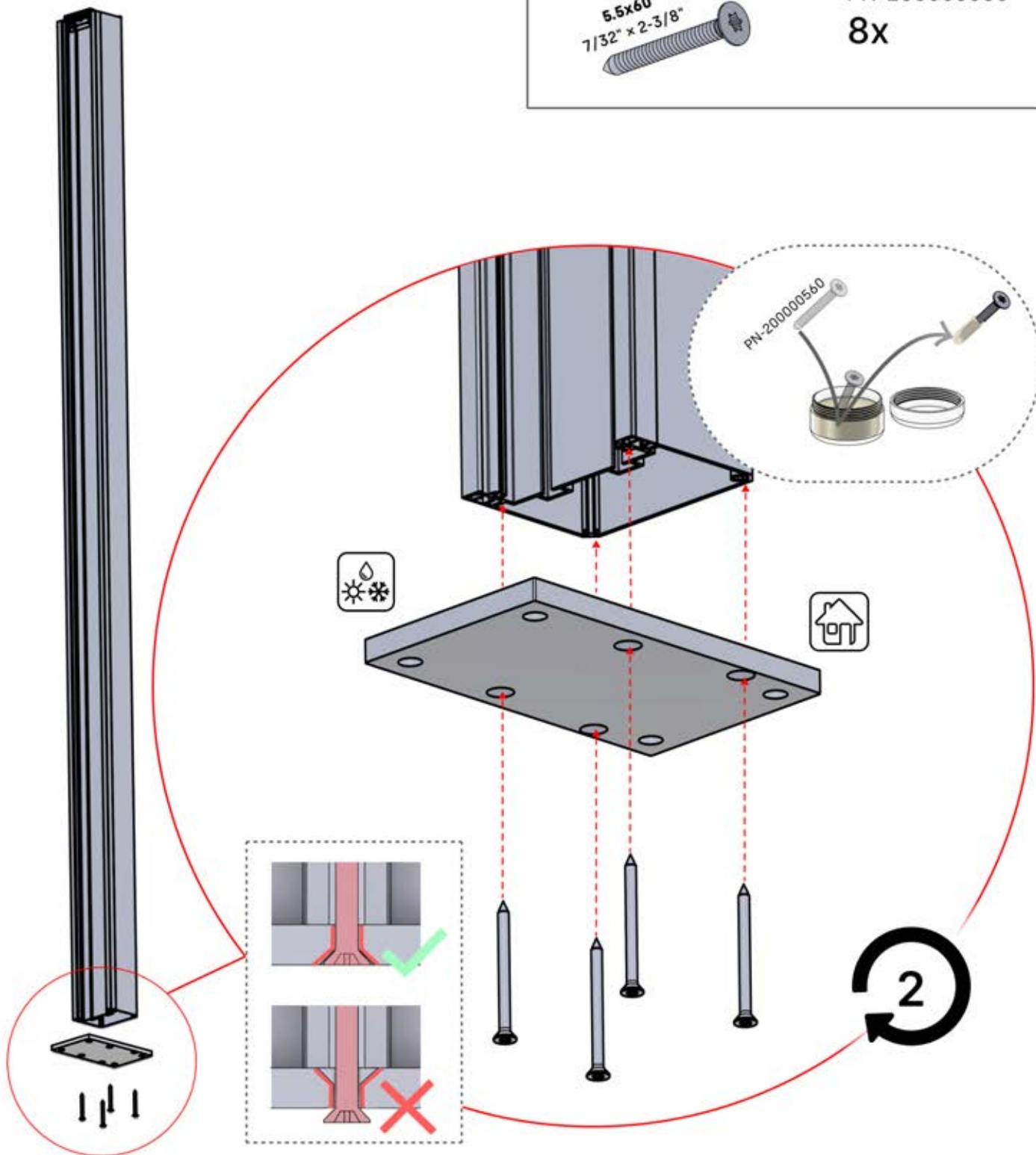
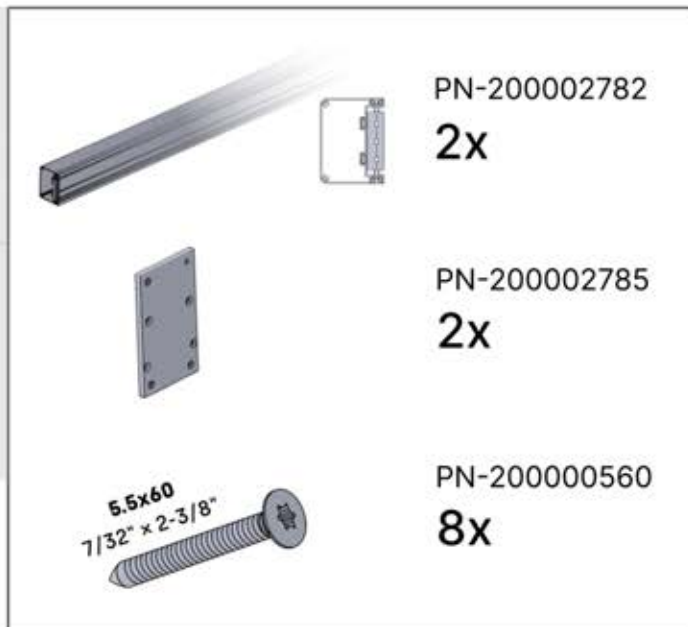
02



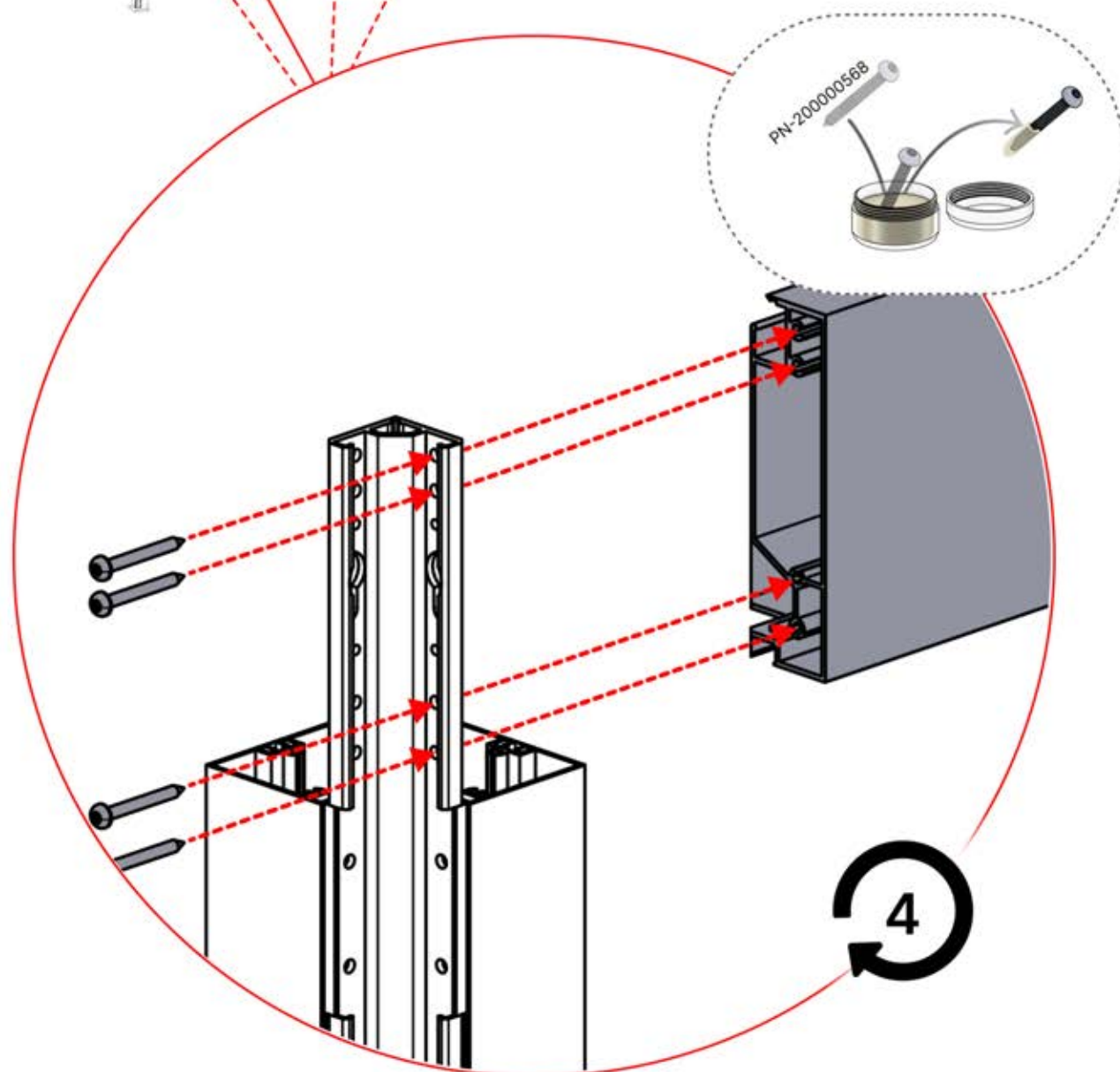
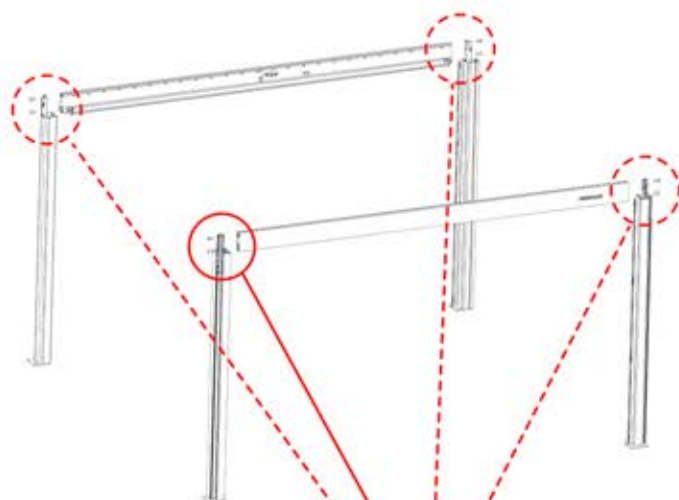
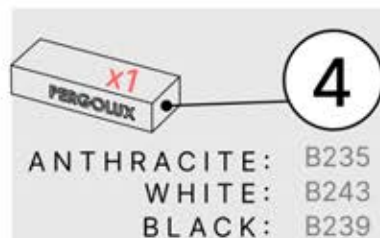
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WHITE: C125
BLACK: C124



ANTHRACITE: B235
WHITE: B243
BLACK: B239



03



04



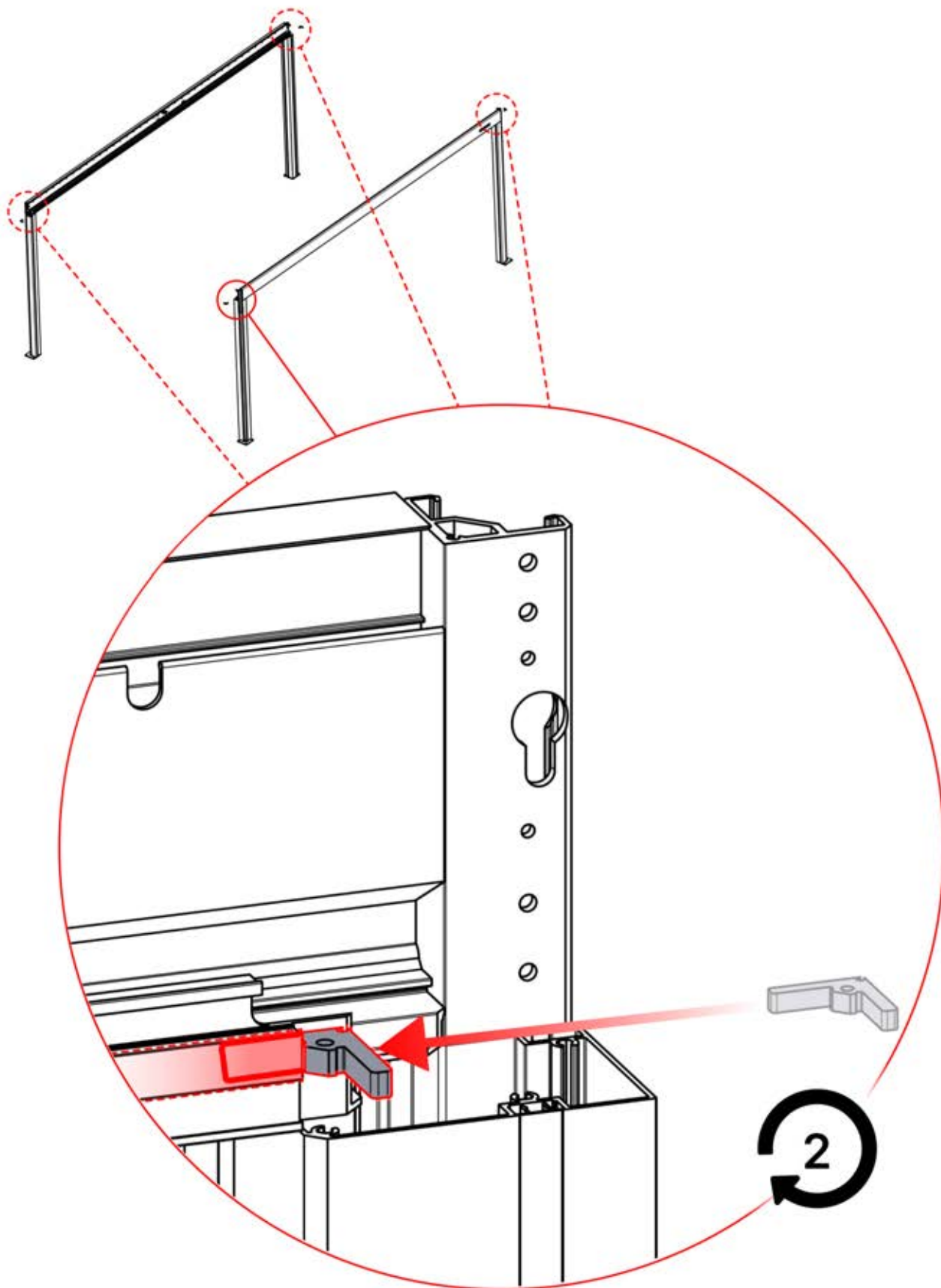
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

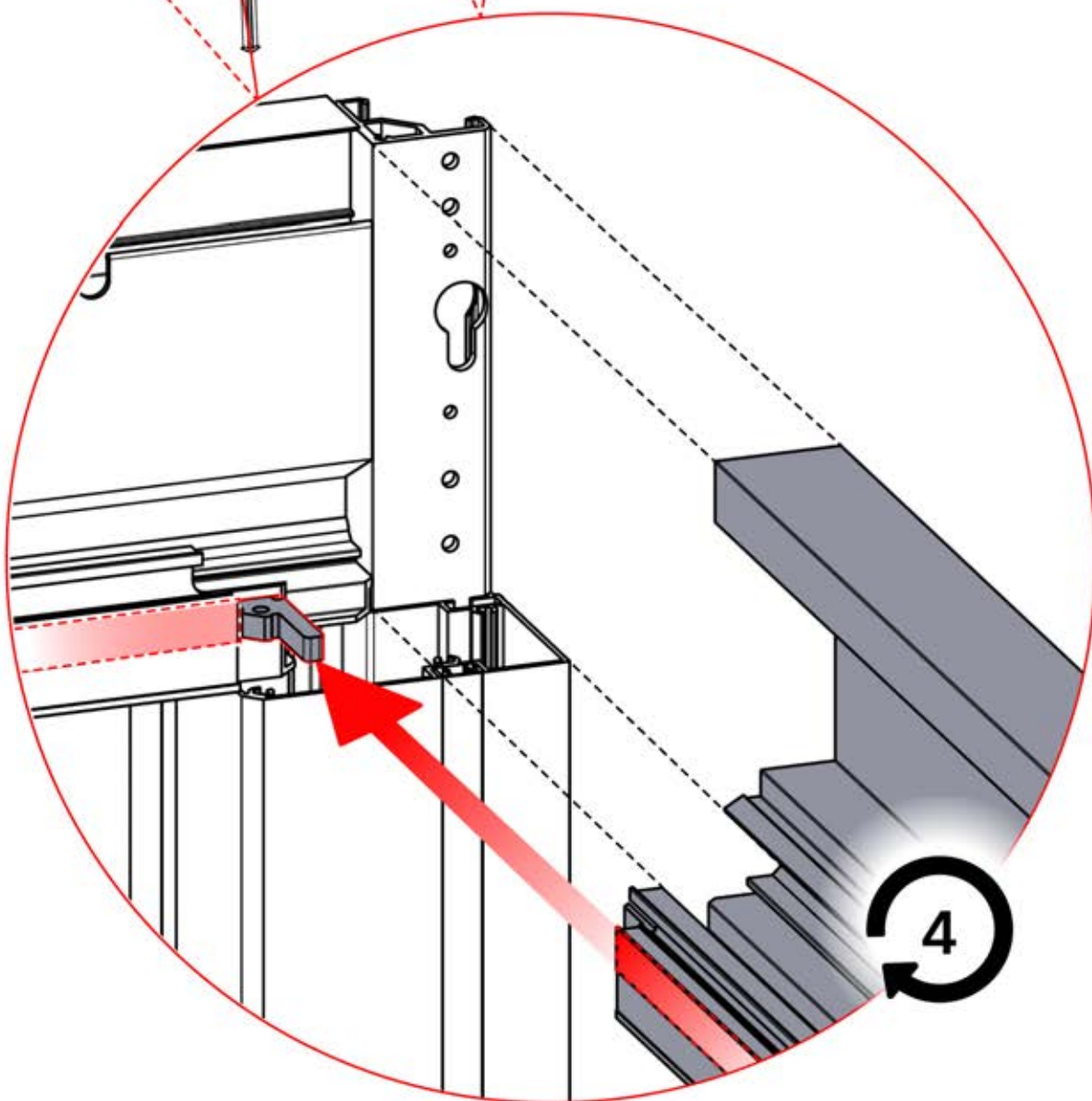
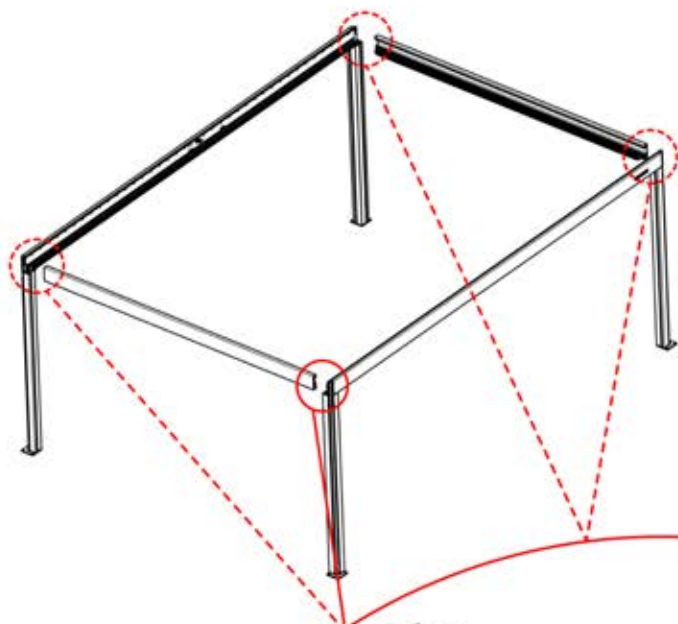
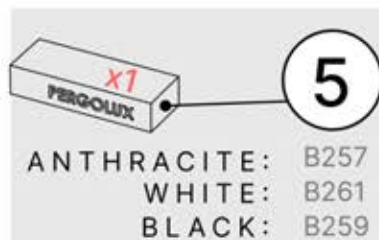


PN-200000507

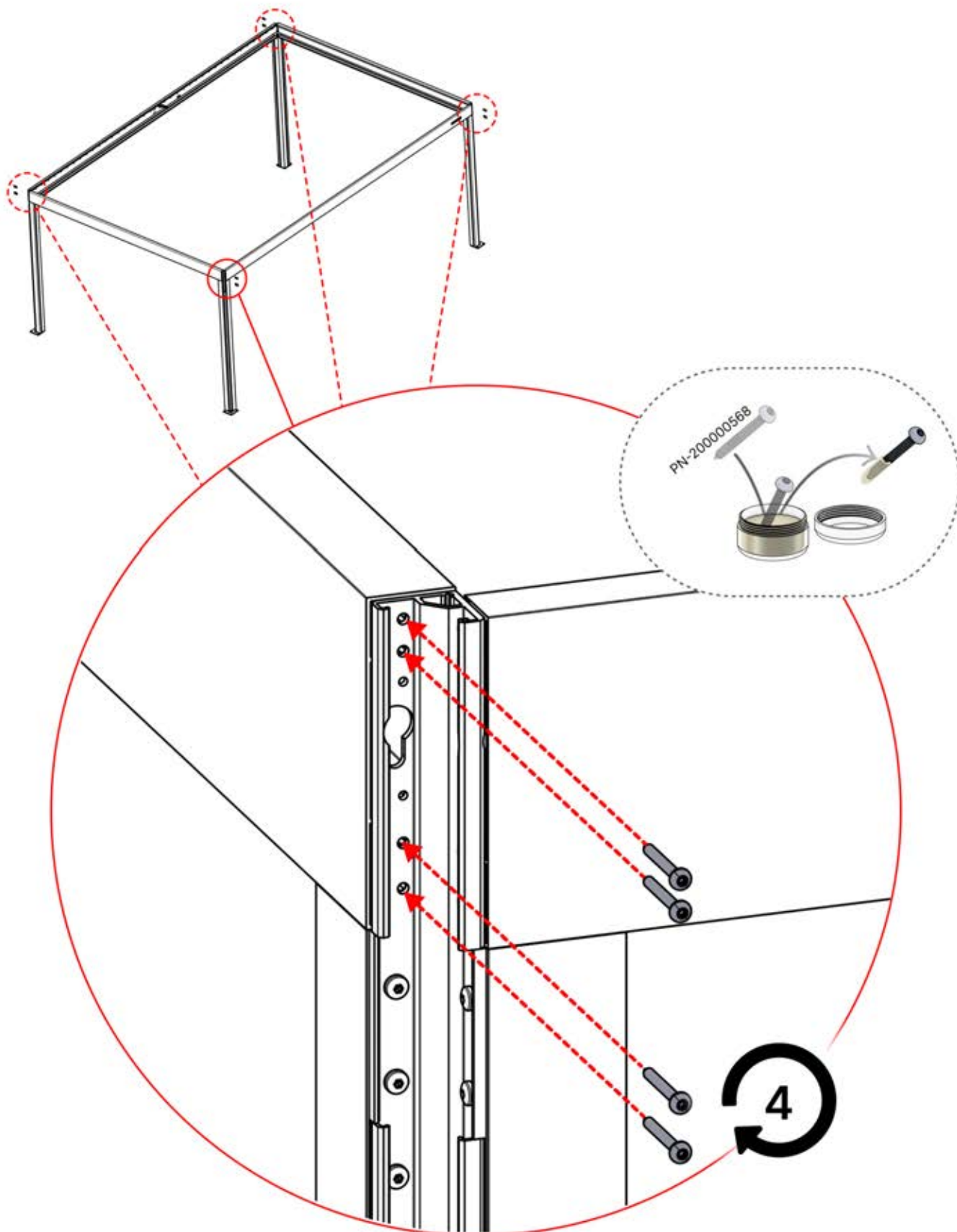
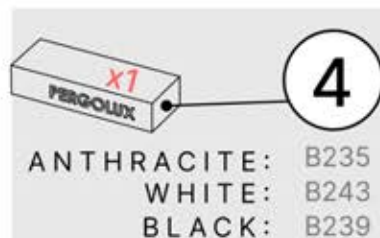
4x



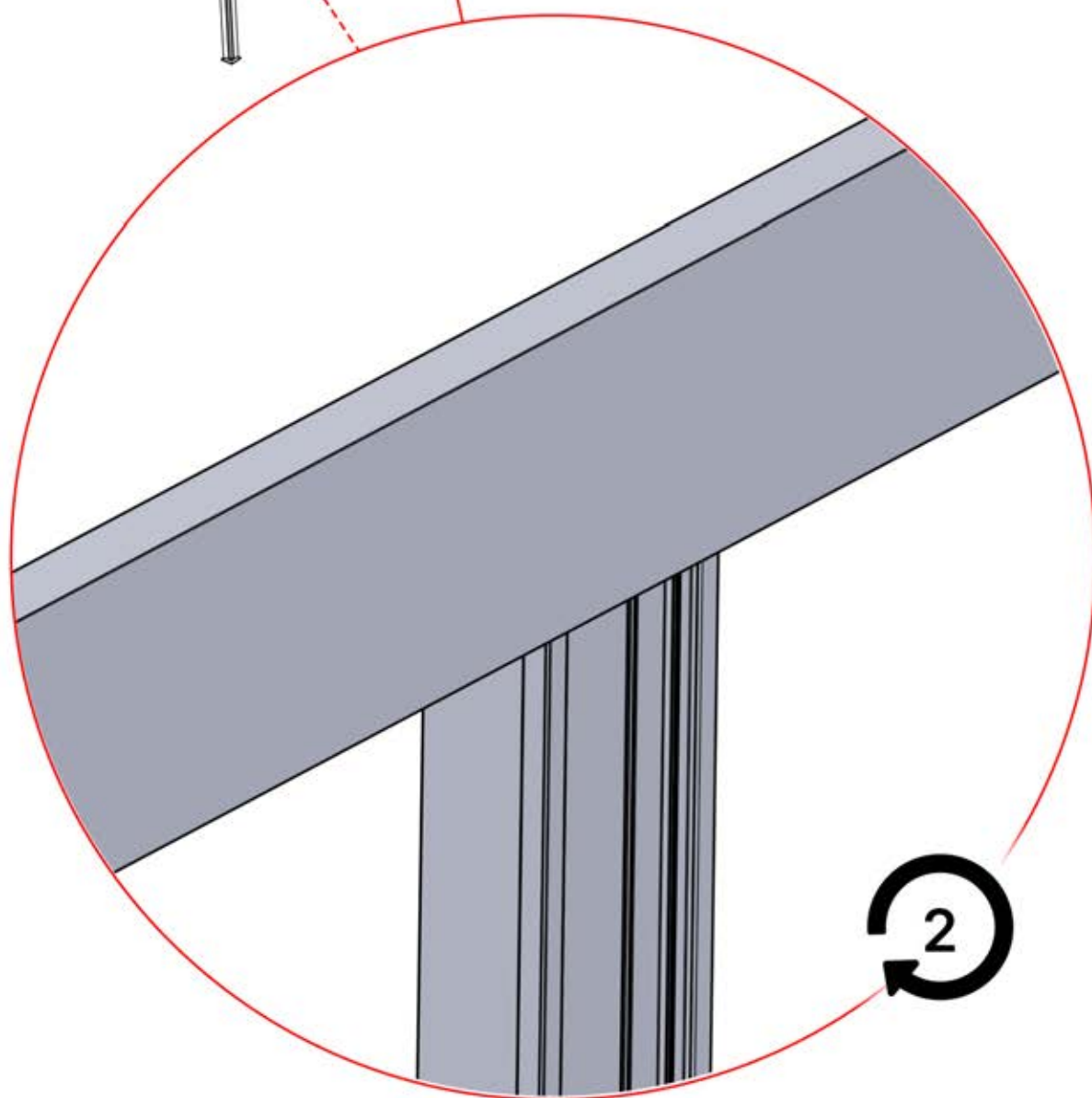
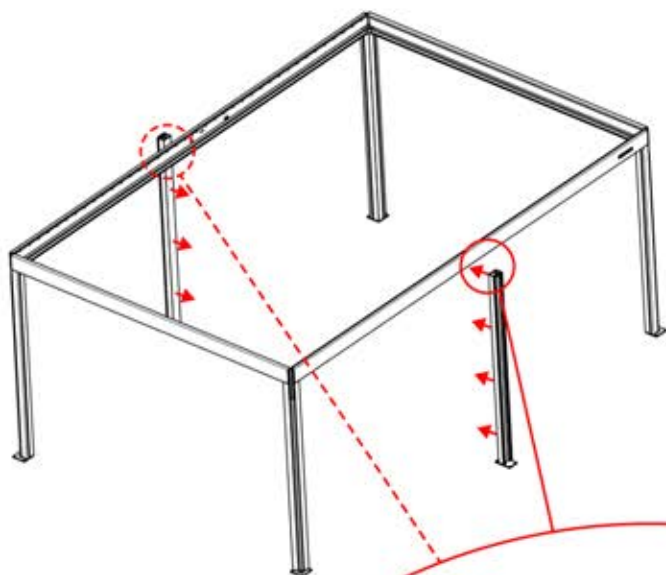
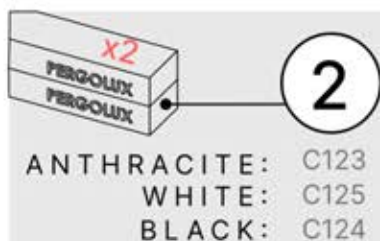
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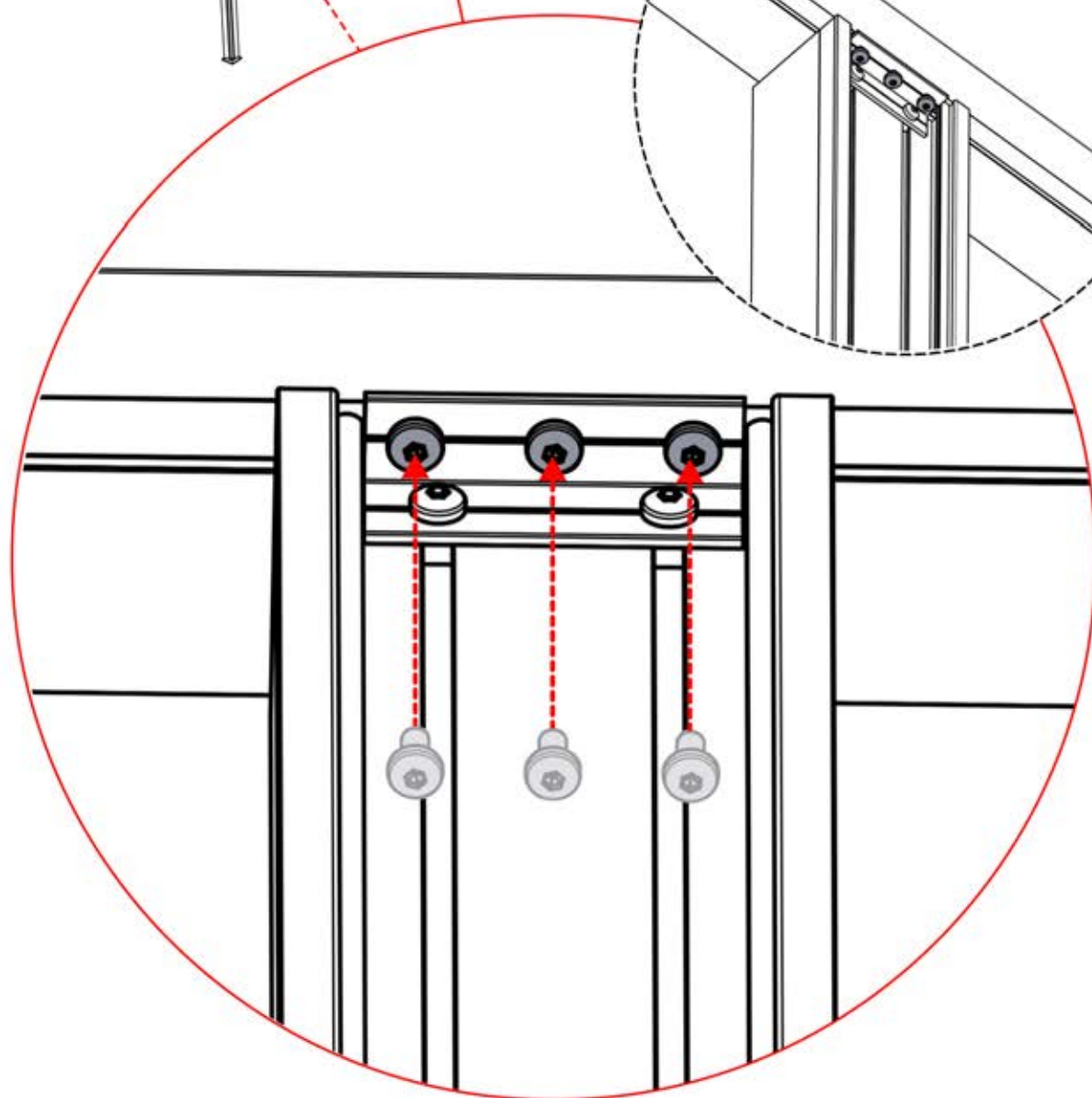
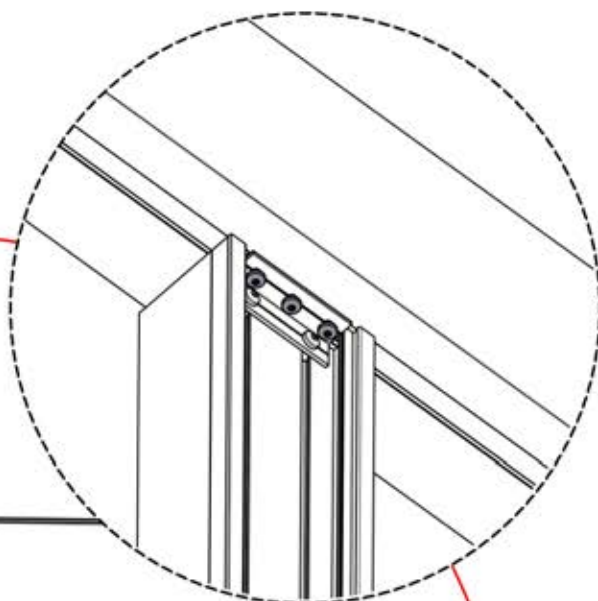
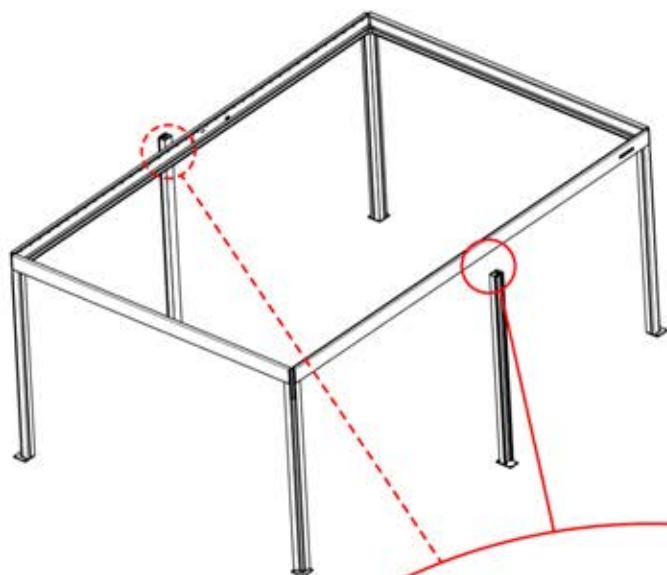
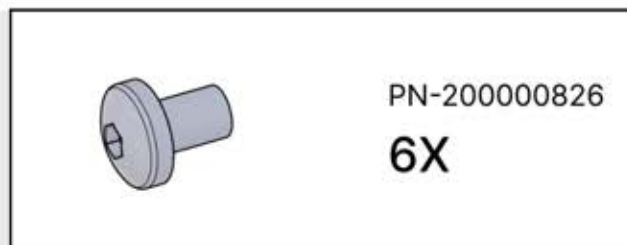
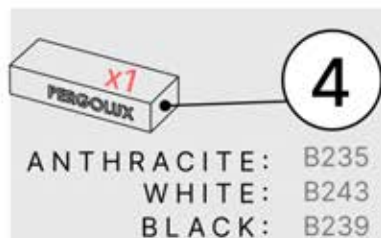
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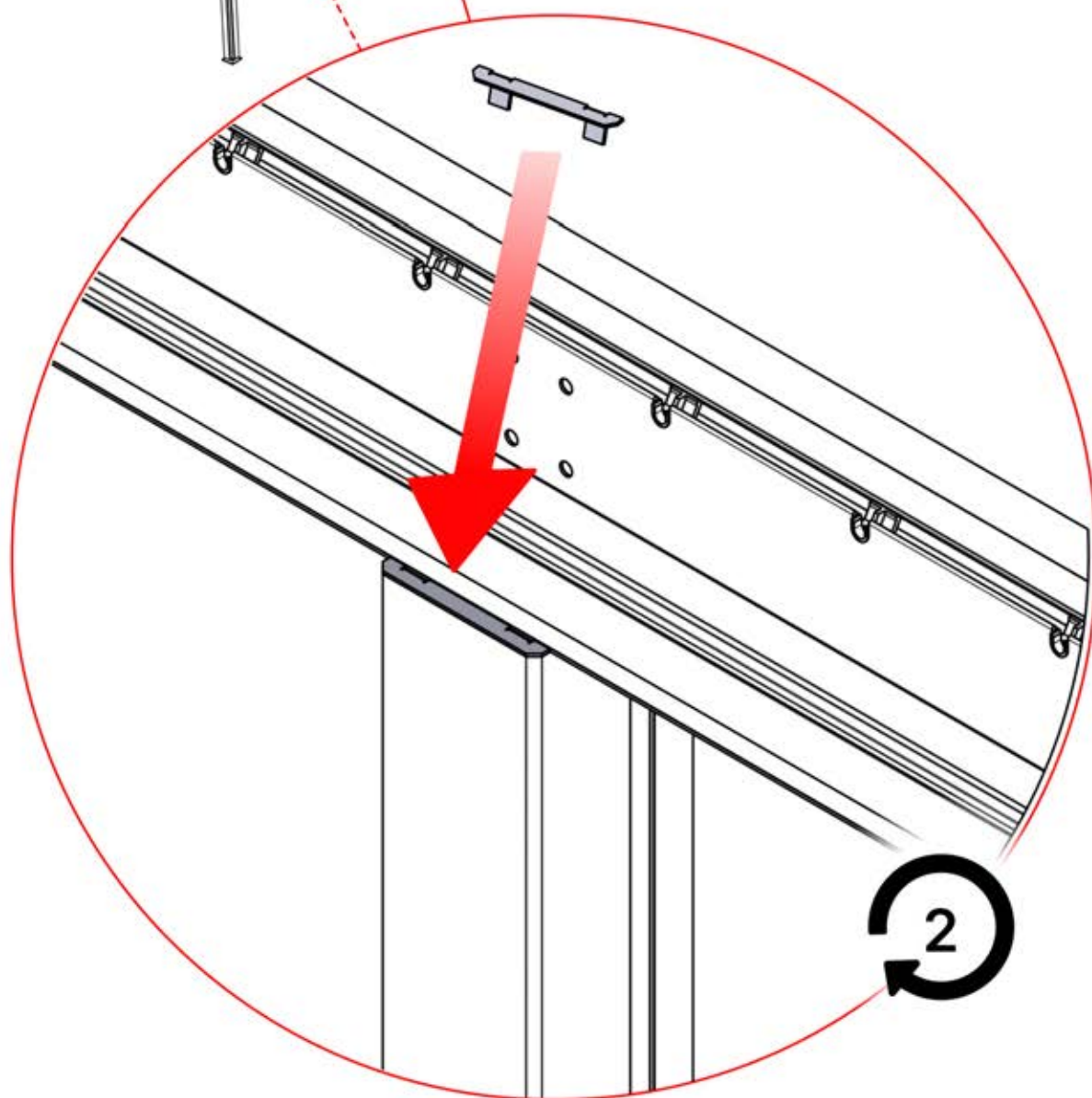
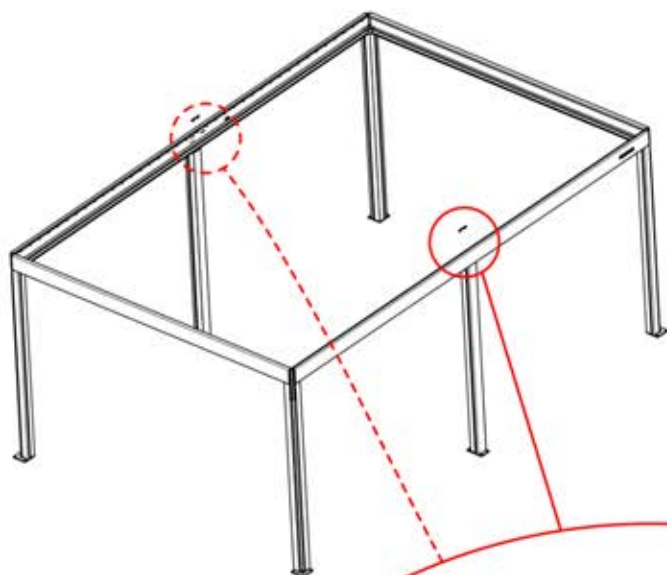
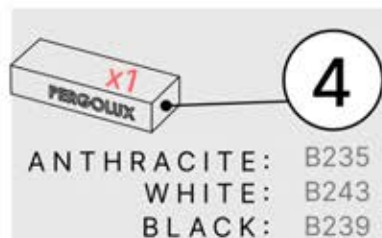
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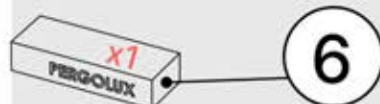
08



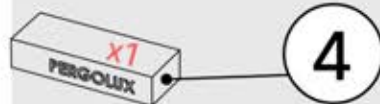
09



10

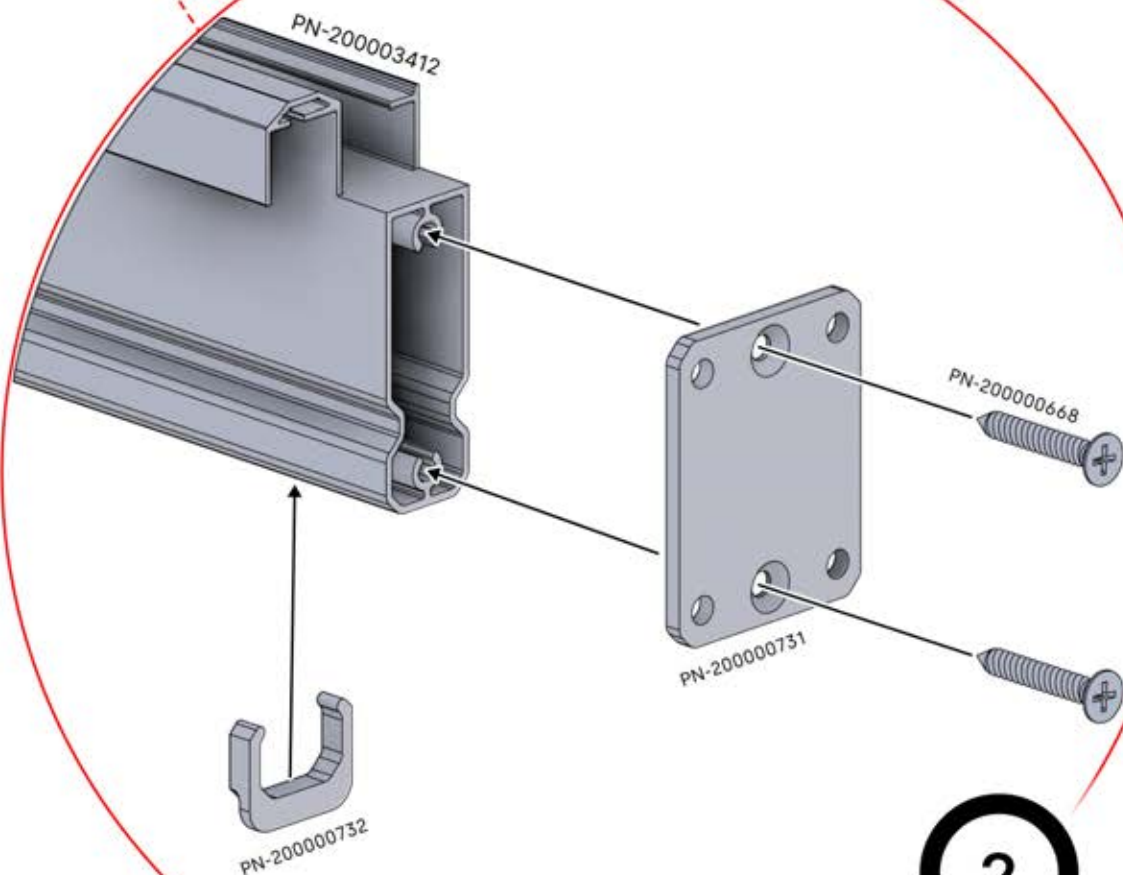
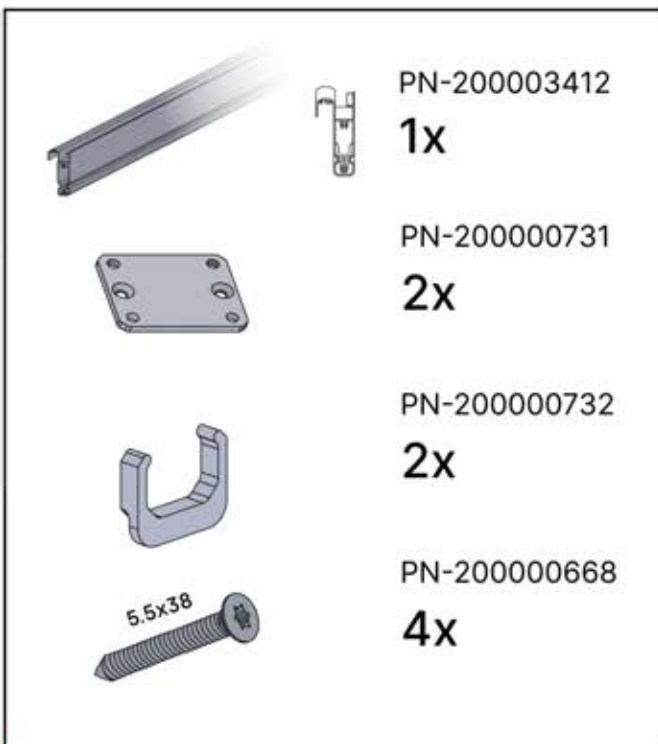


ANTHRACITE: B269
WHITE: B273
BLACK: B271

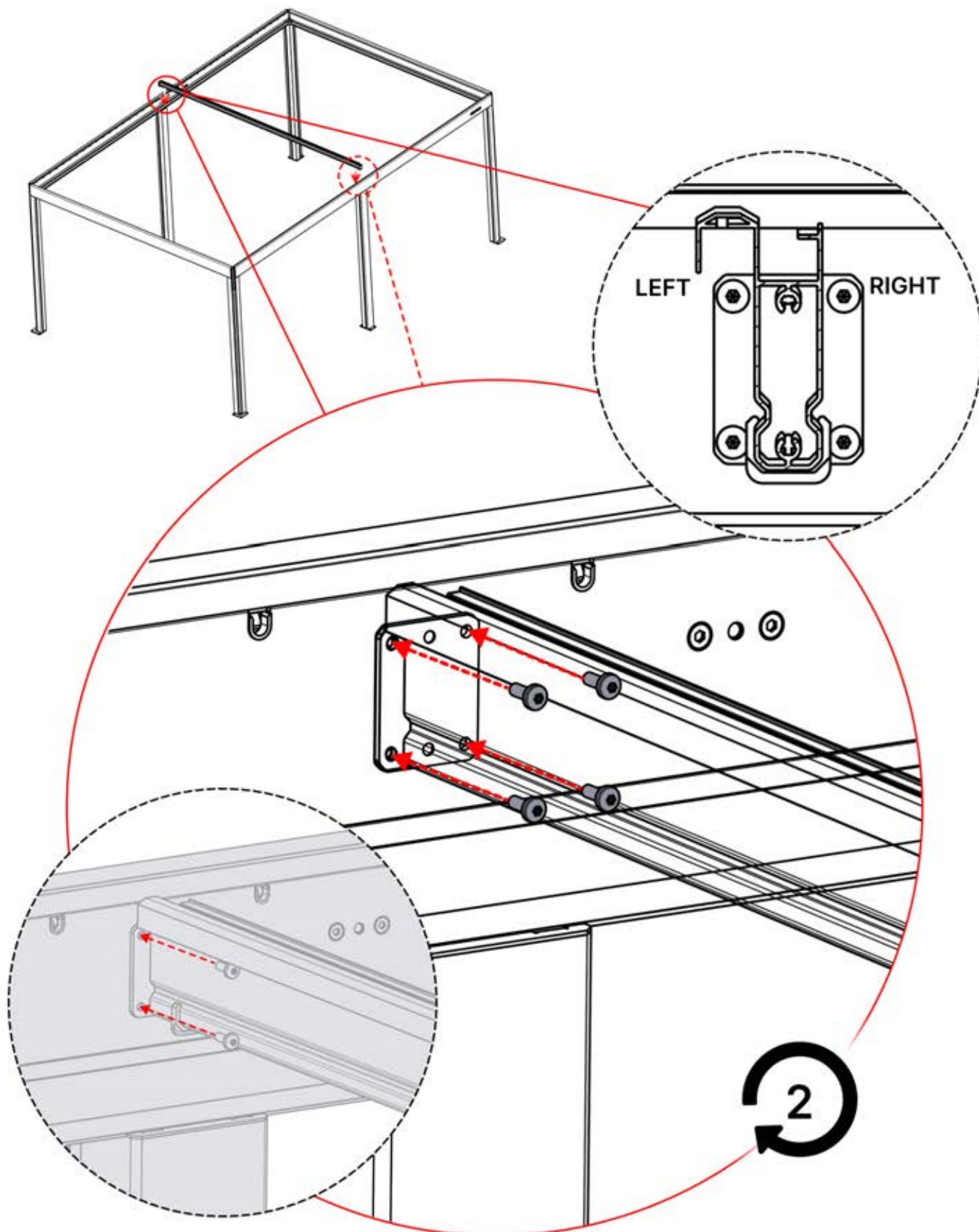
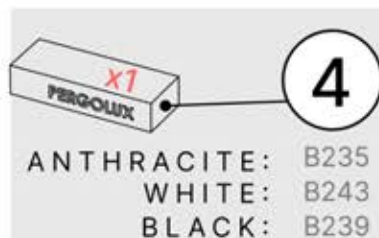


ANTHRACITE: B235
WHITE: B243
BLACK: B239

PP CENTER
LOUVER BEAM FS
4M
PN-200003412



11



12



x1

4

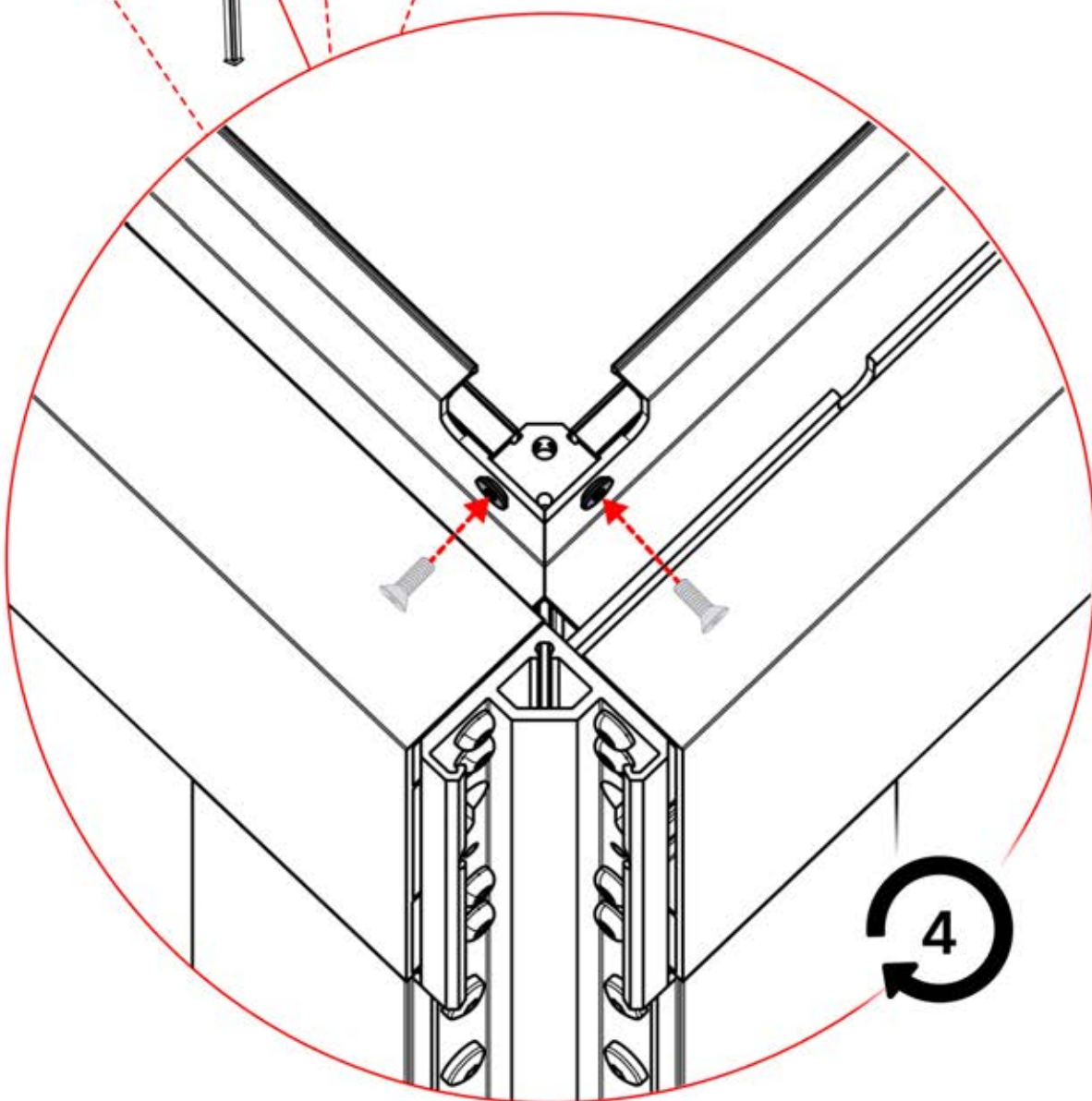
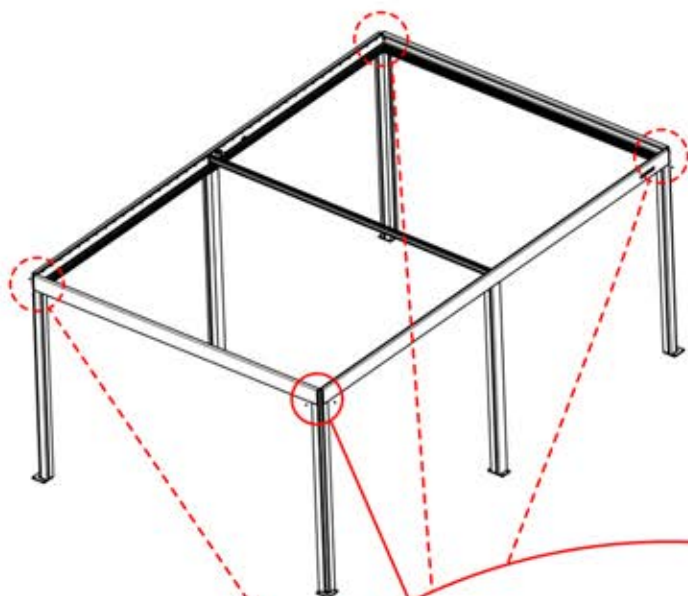
ANTHRACITE: B235
WHITE: B243
BLACK: B239

5x12
3/16" x 1/2"

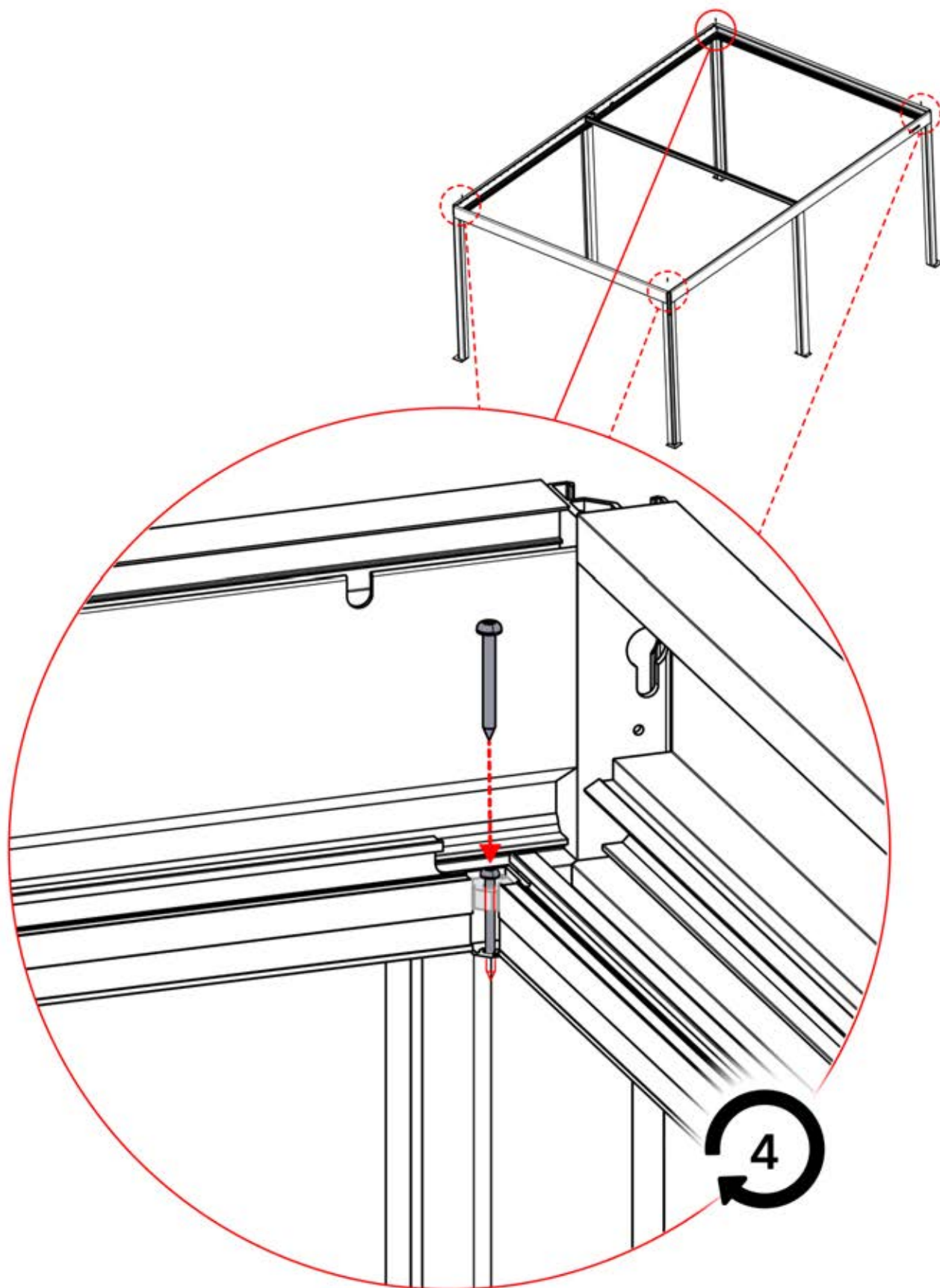
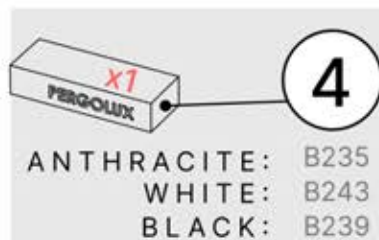


PN-200000569

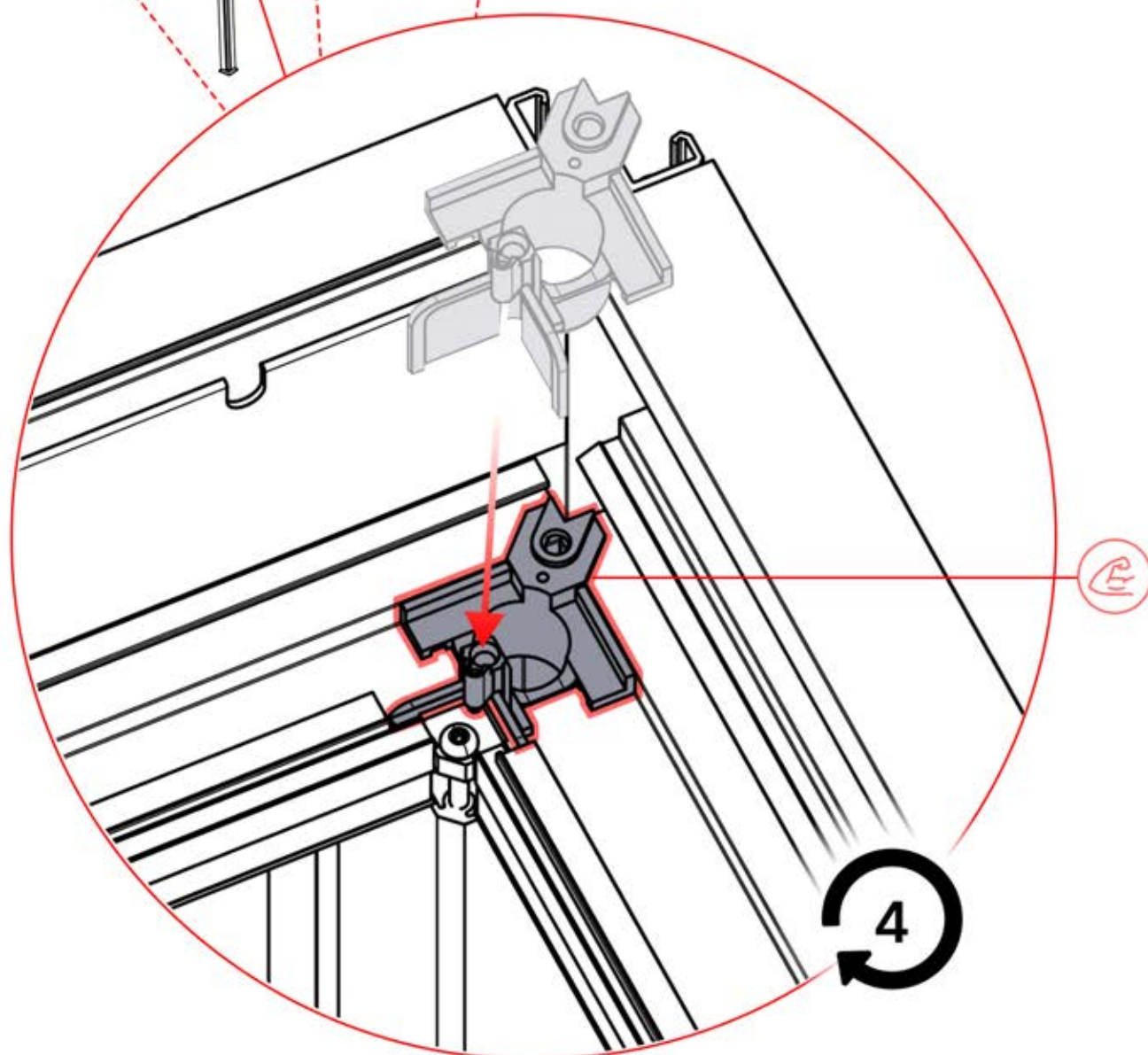
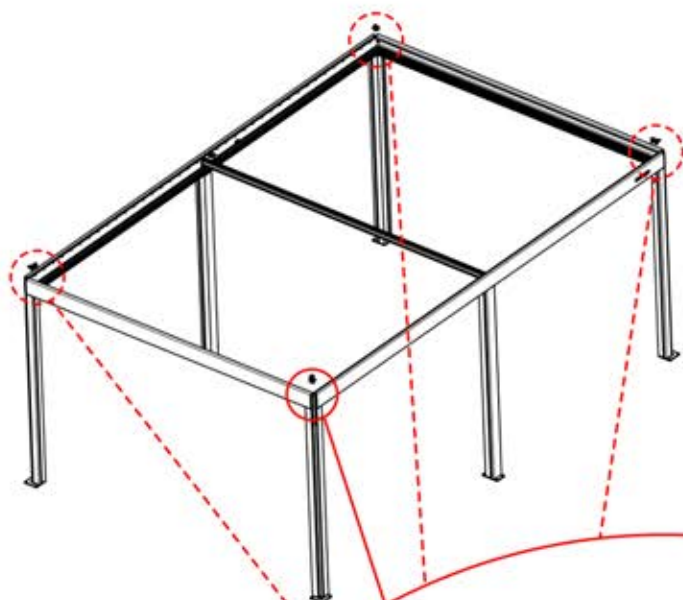
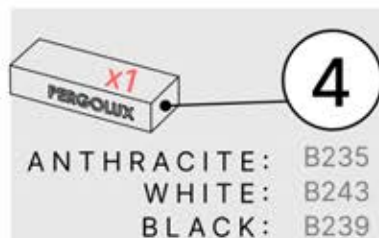
8x



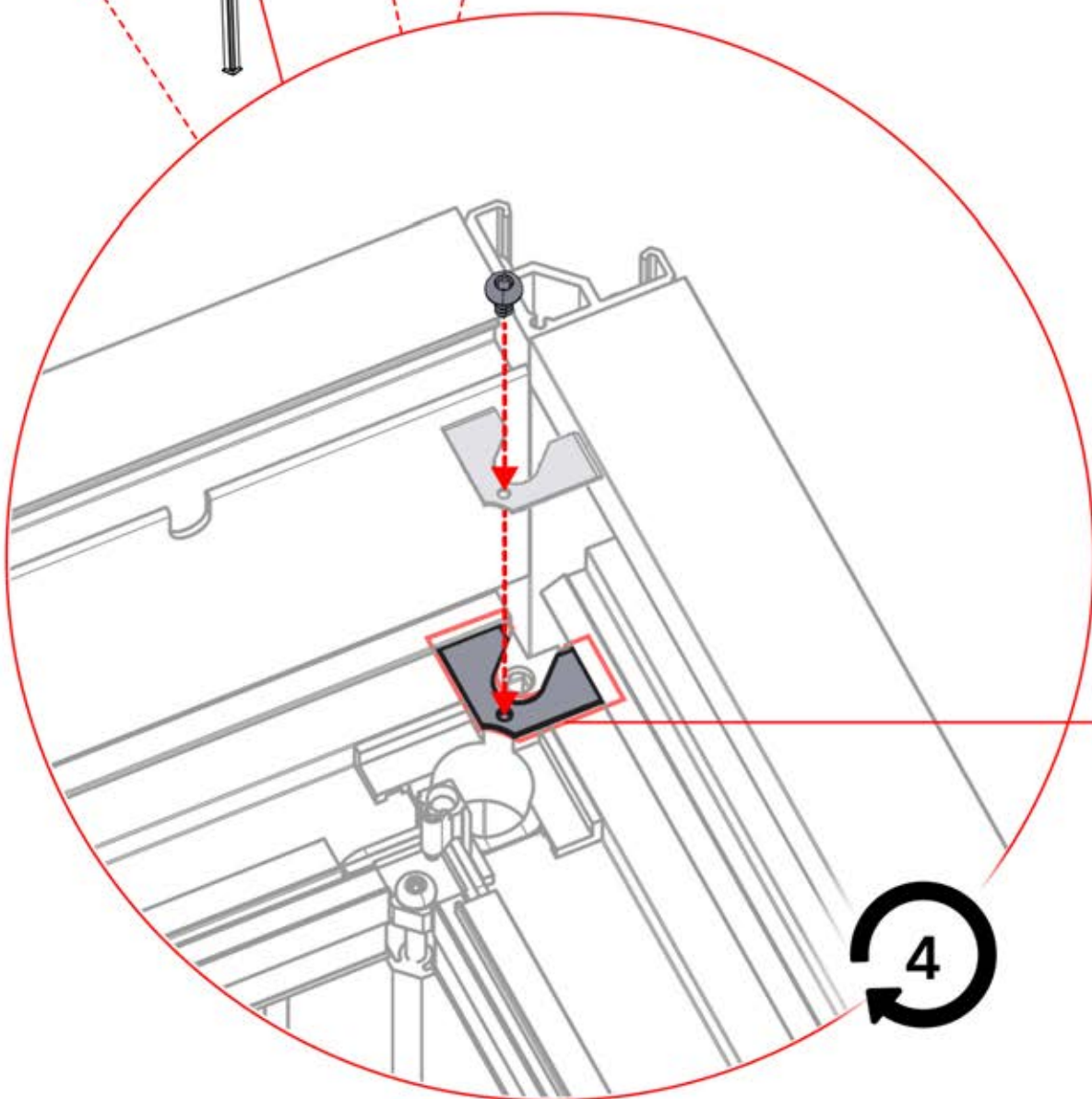
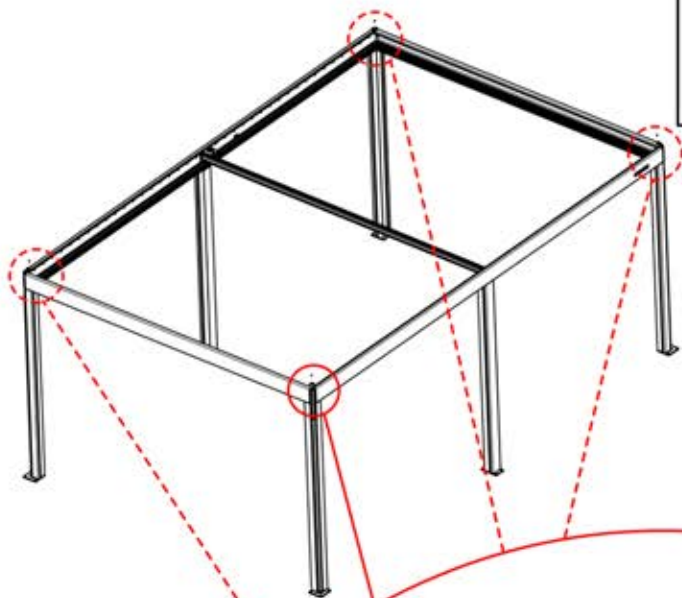
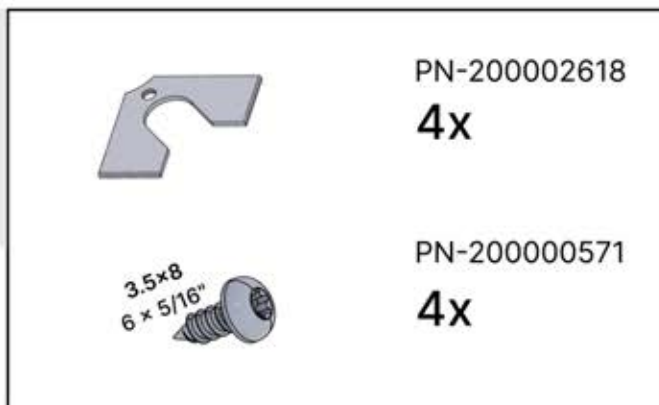
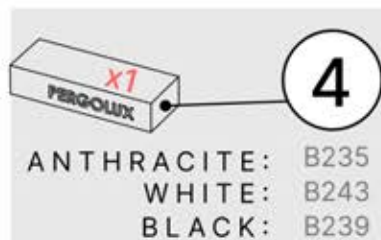
13



14



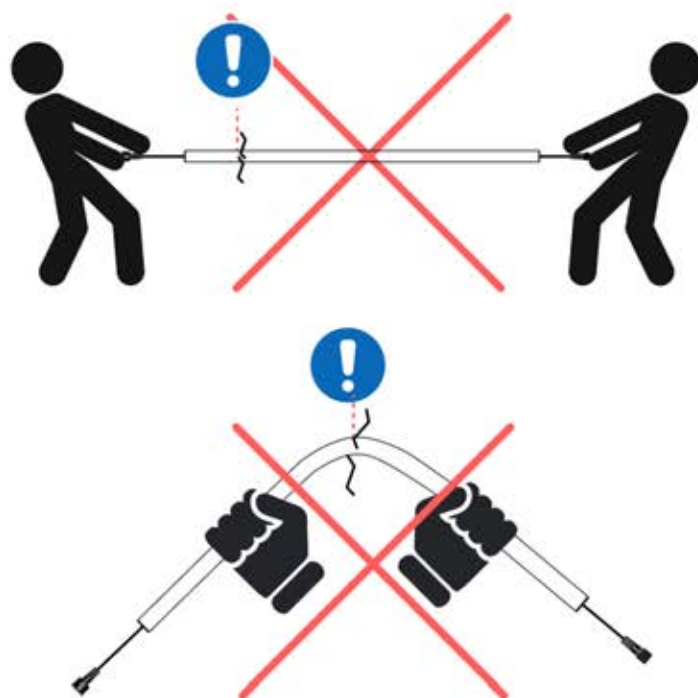
15



IMPORTANT INFORMATION

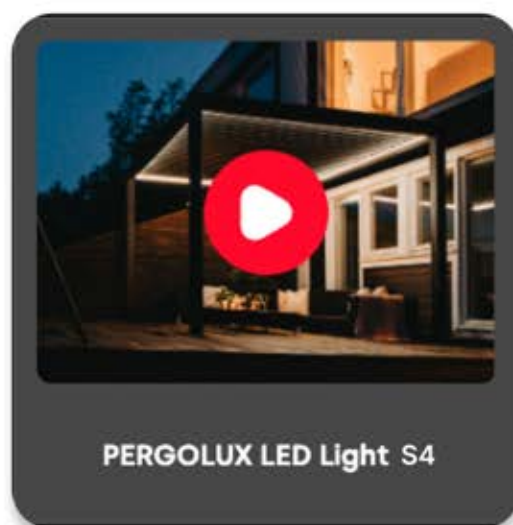
Handle with care.

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.



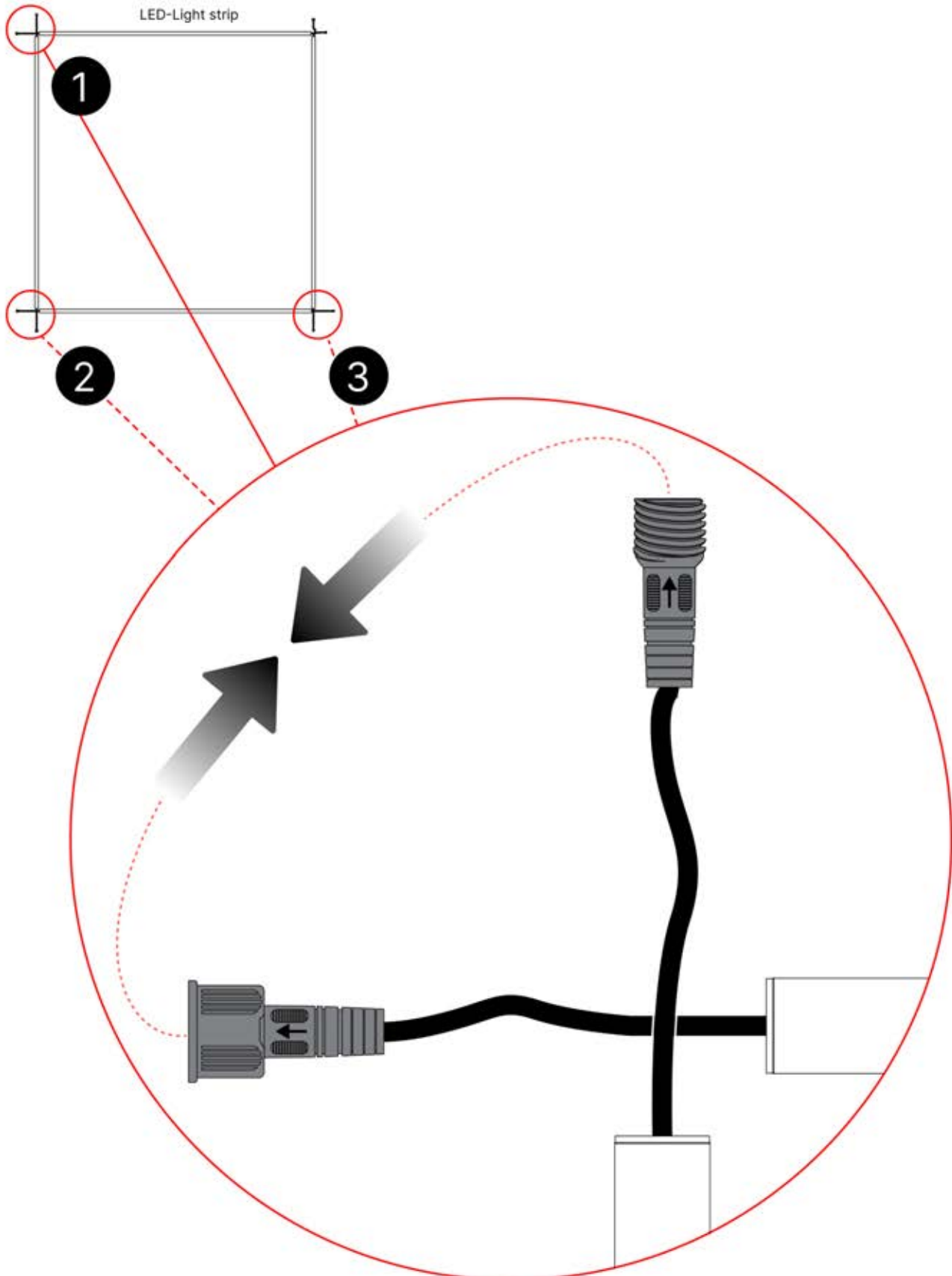
Important! Please watch all the videos before starting the assembly.

The videos contain important information relevant to the assembly process.

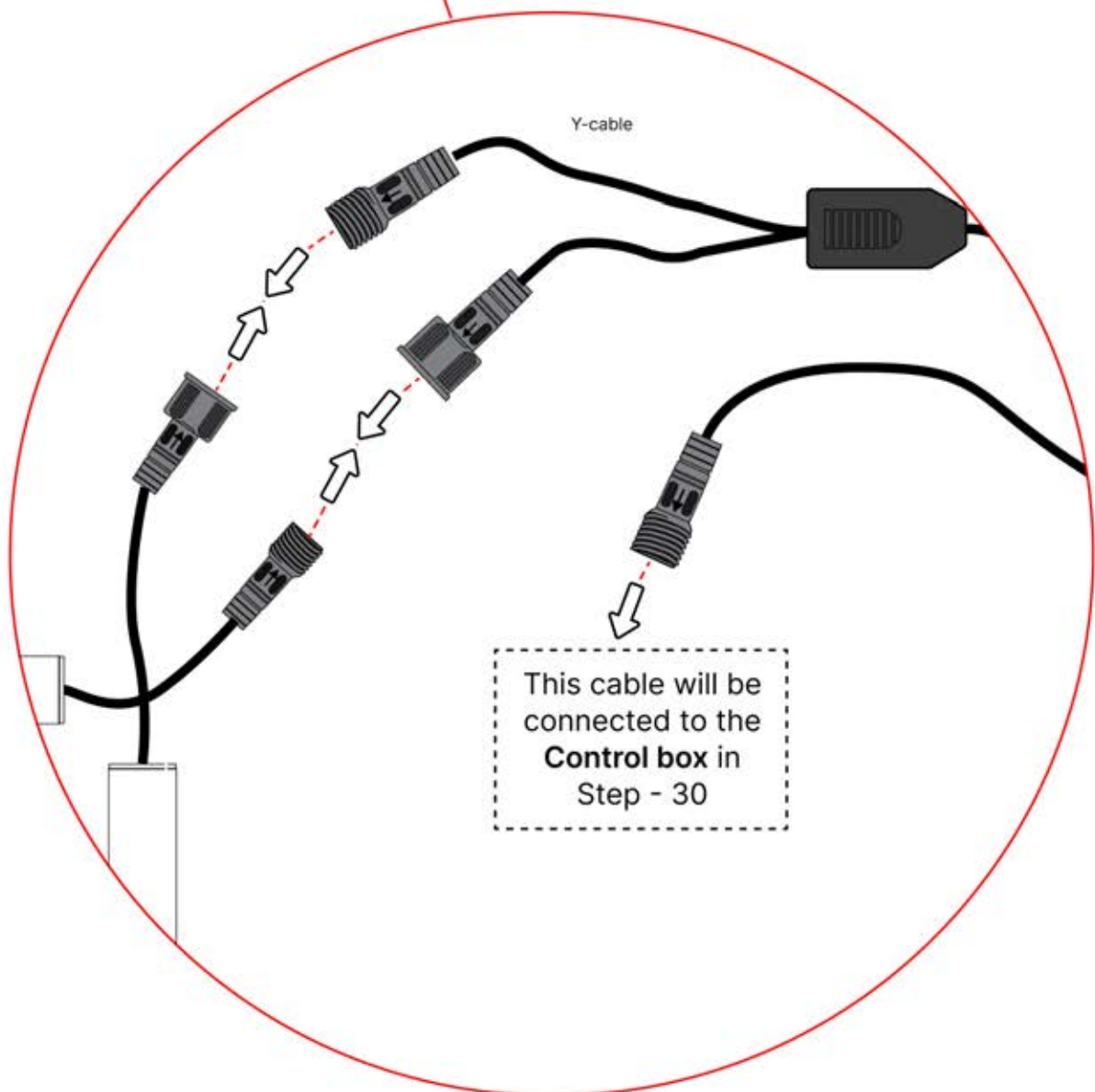
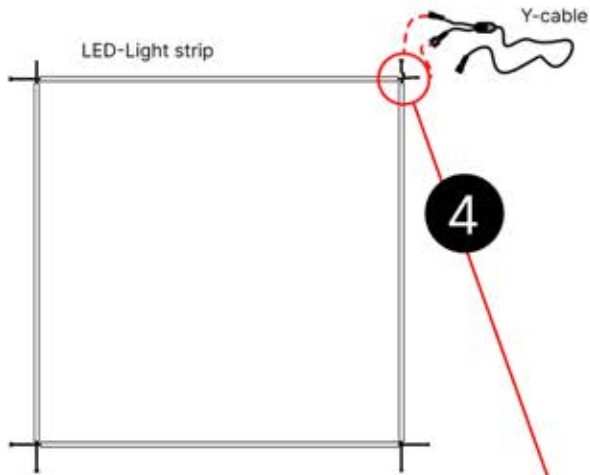


PERGOLUX LED Light S4

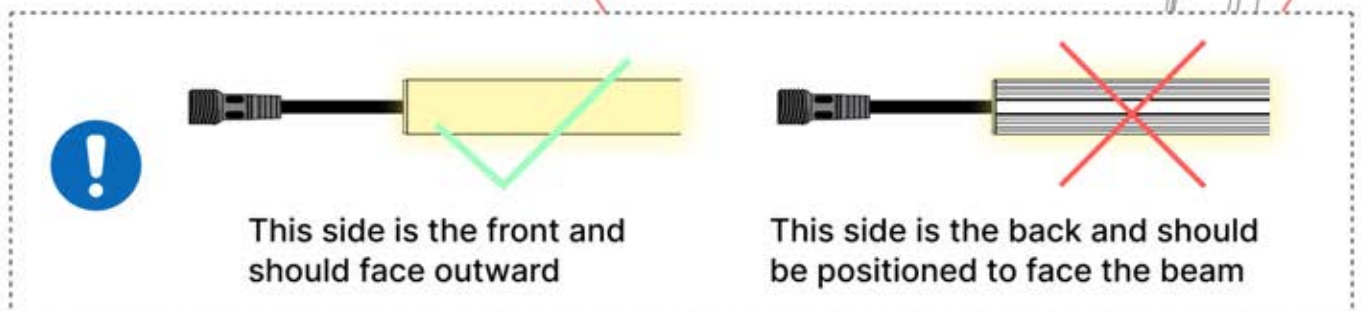
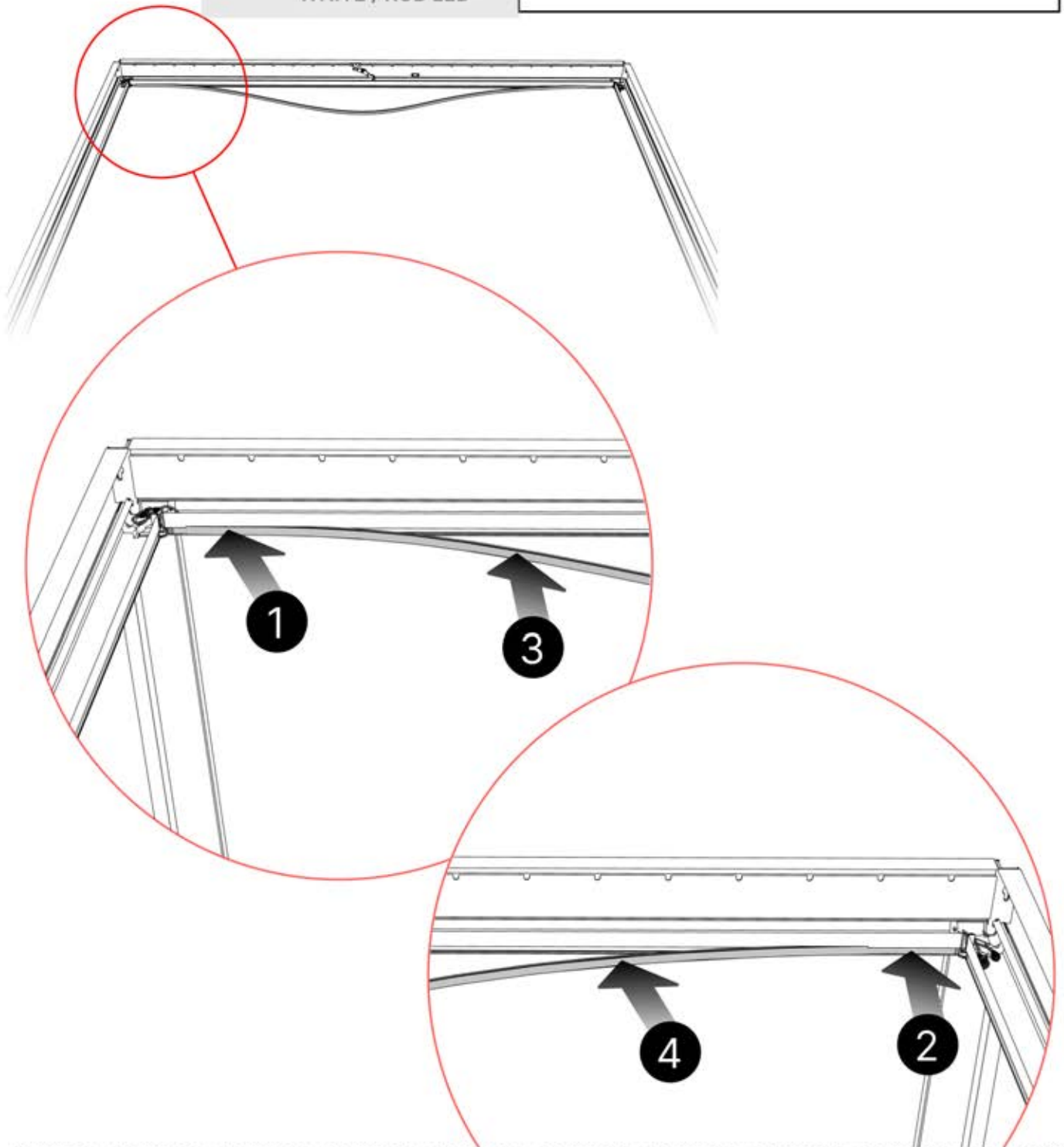
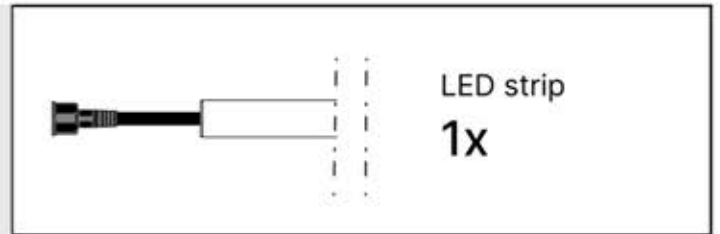
IMPORTANT INFORMATION



INFORMATION



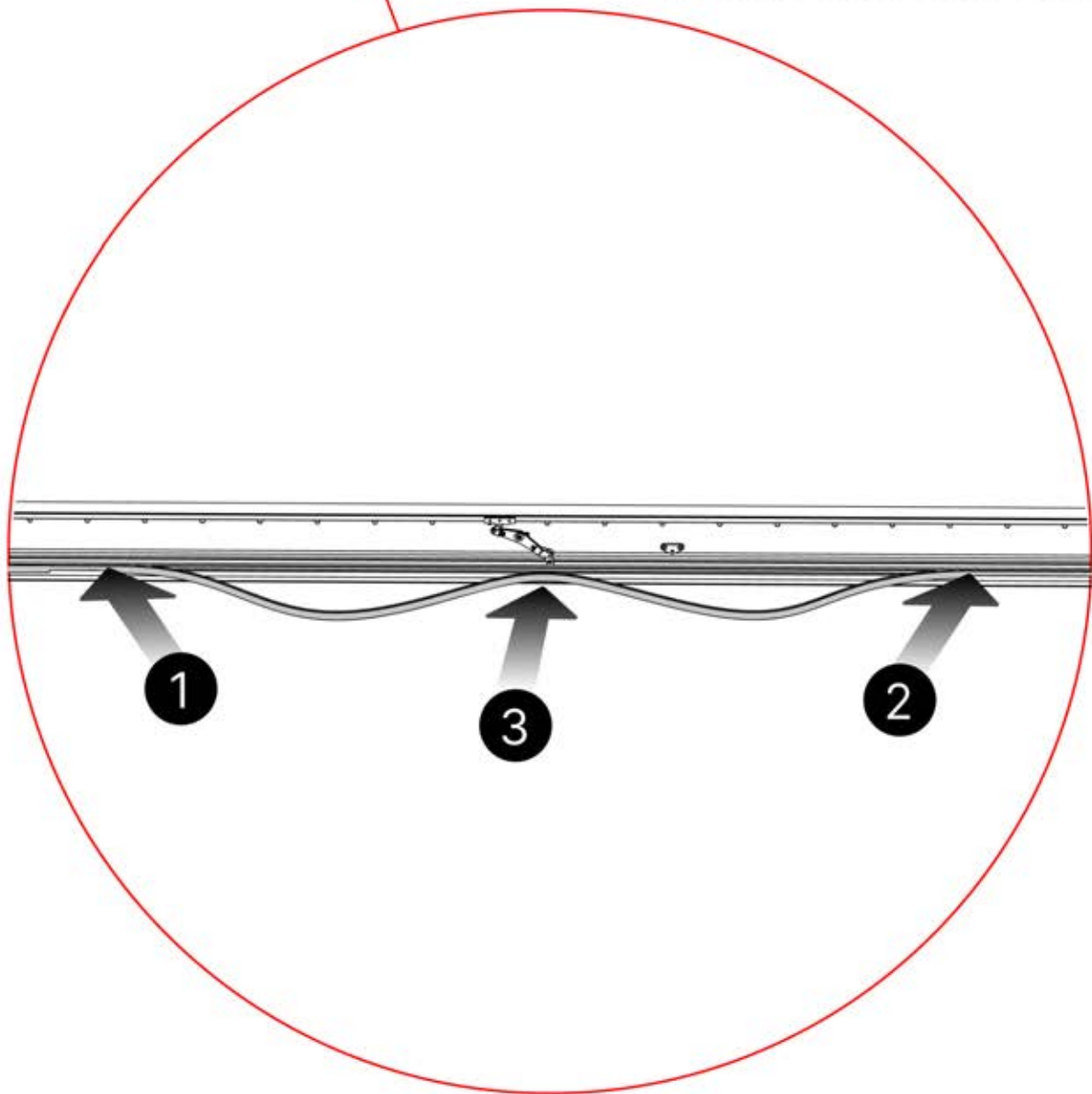
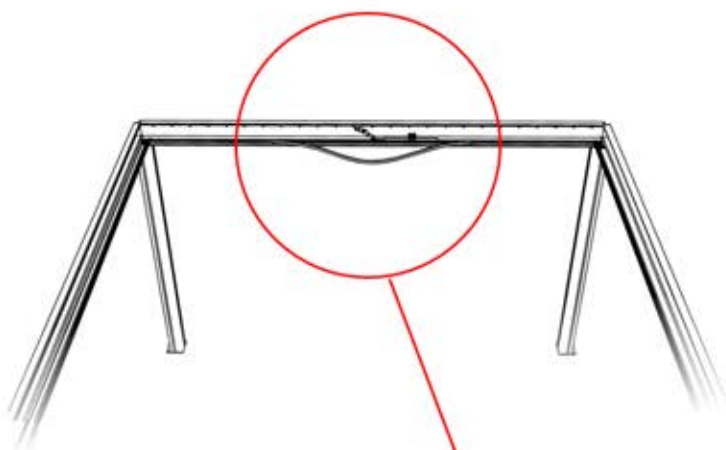
16



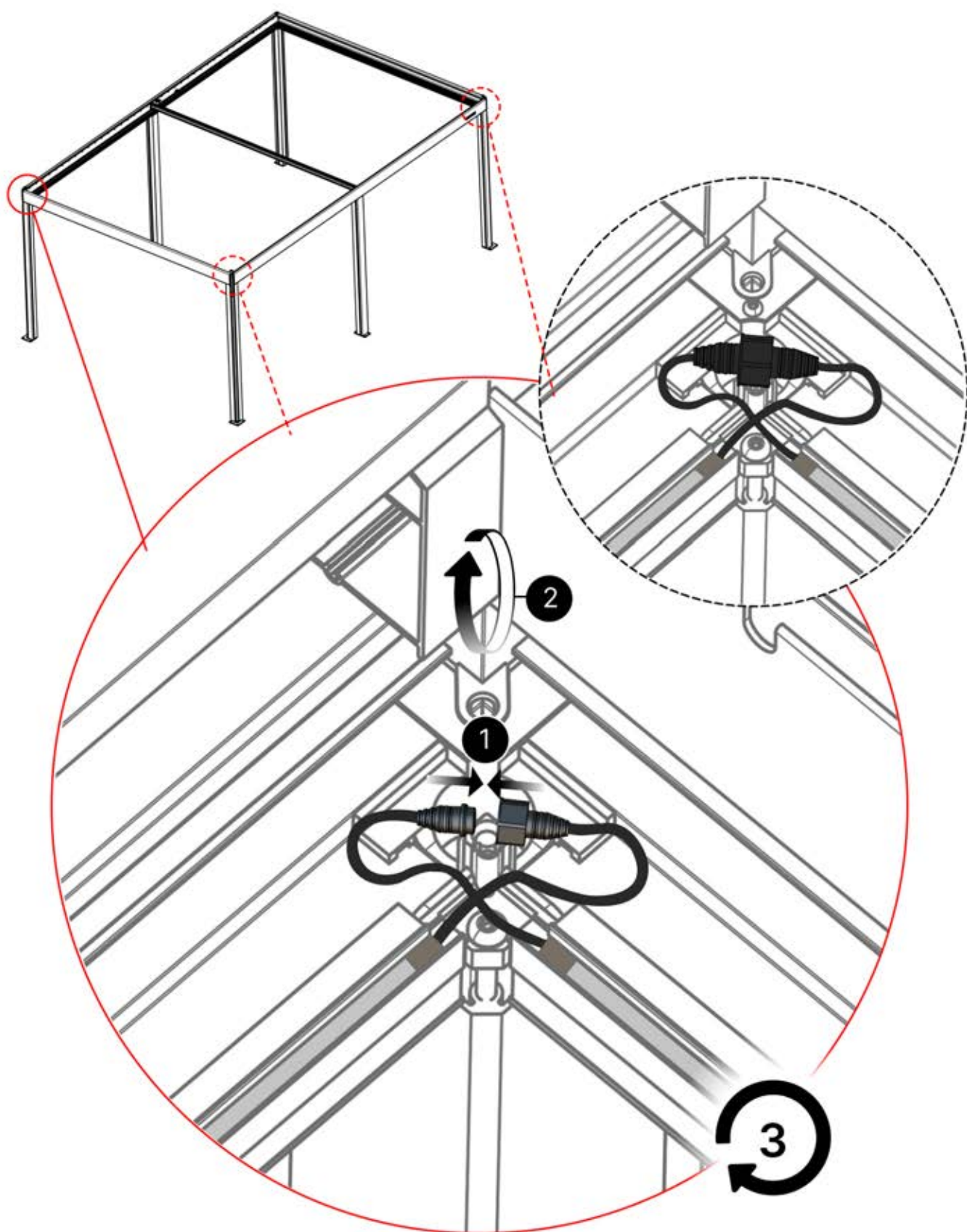
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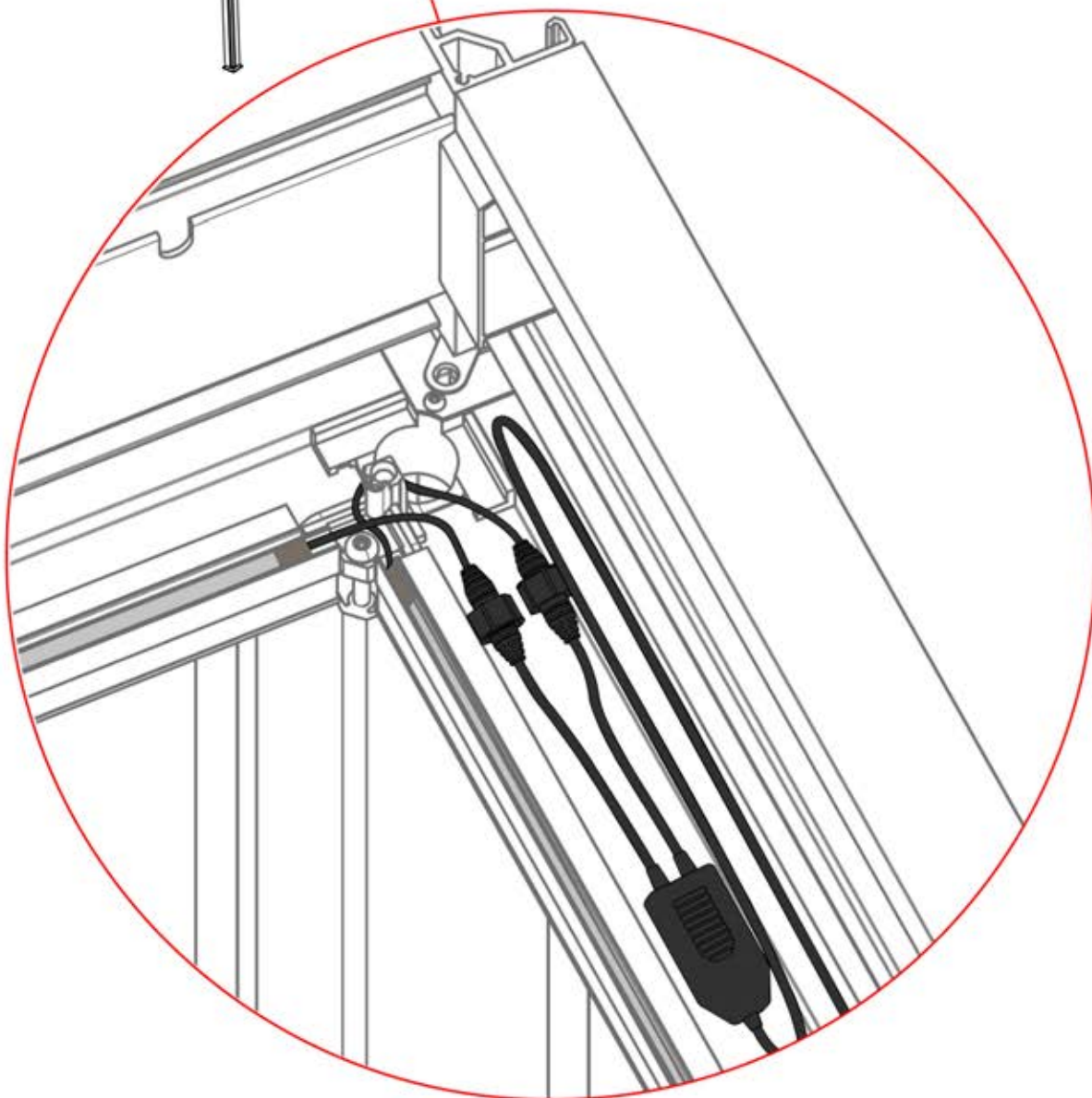
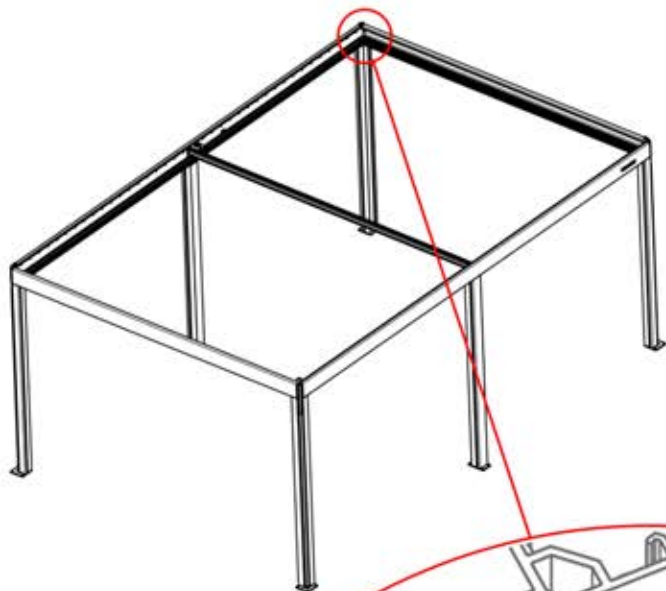
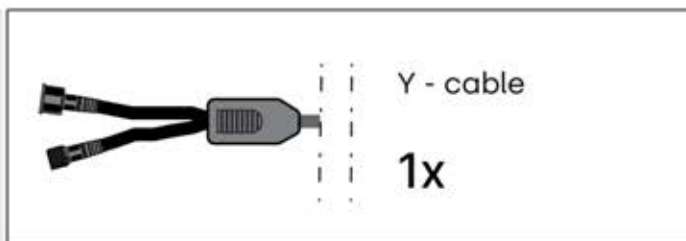
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



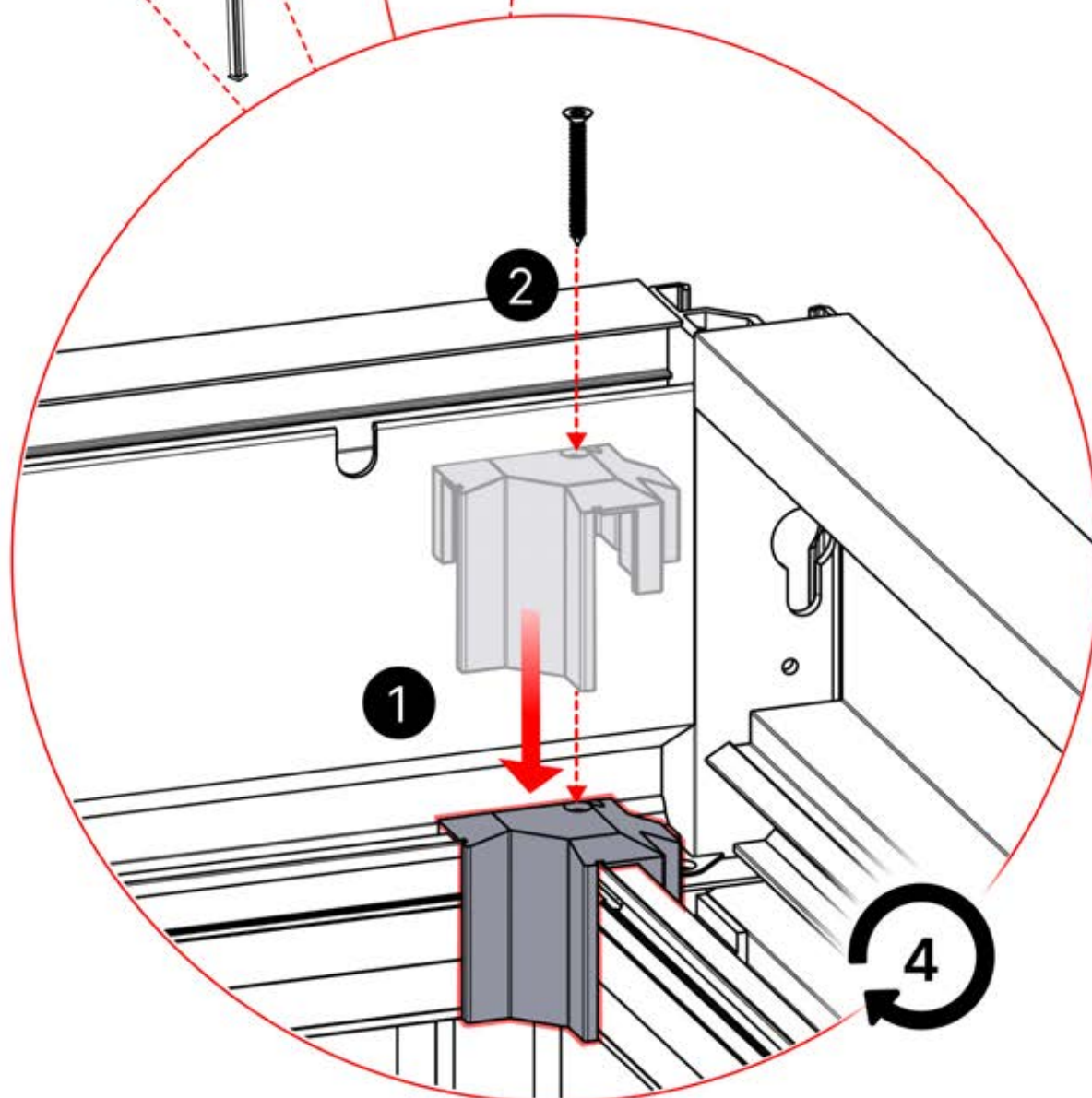
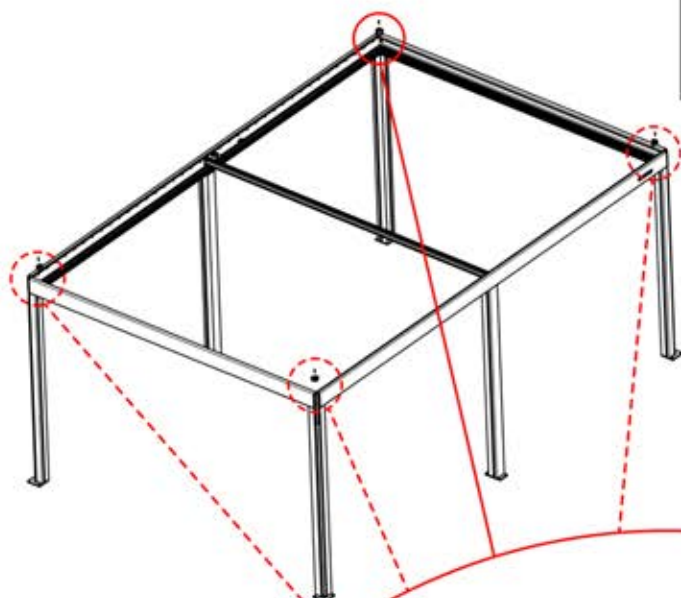
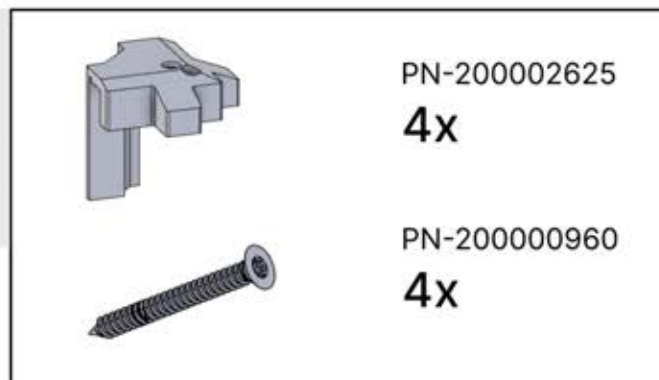
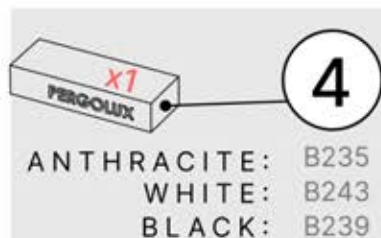
18



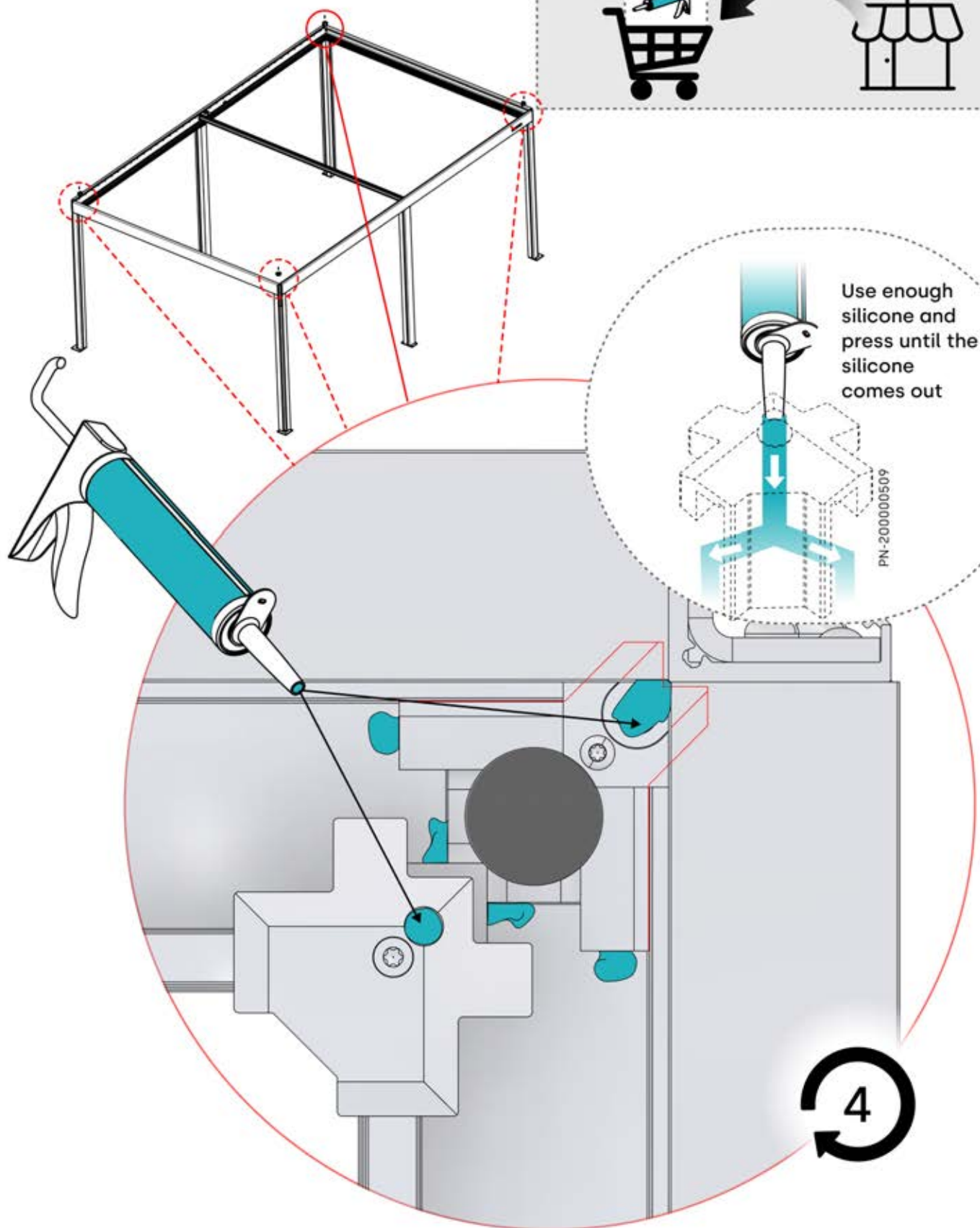
19



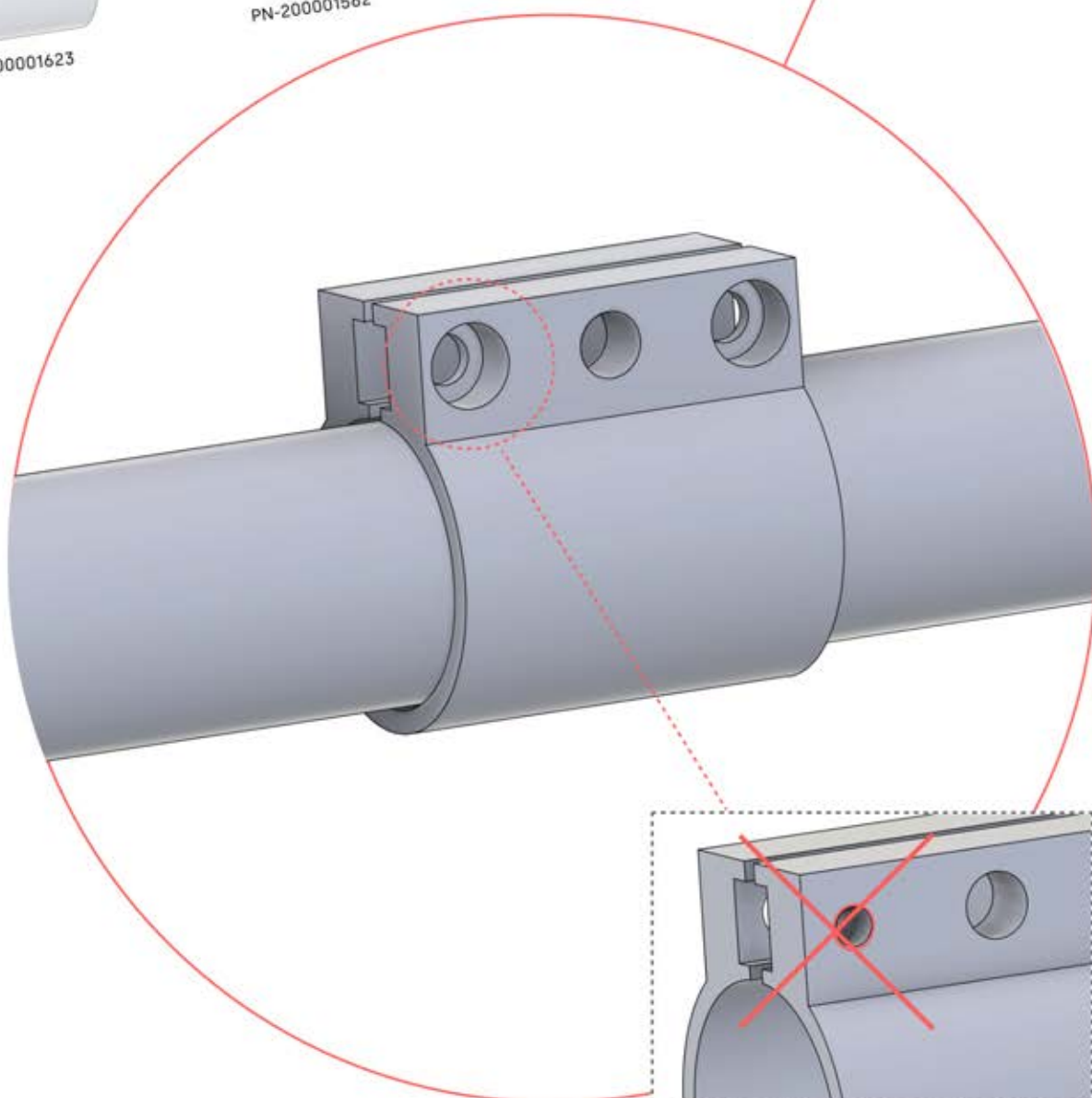
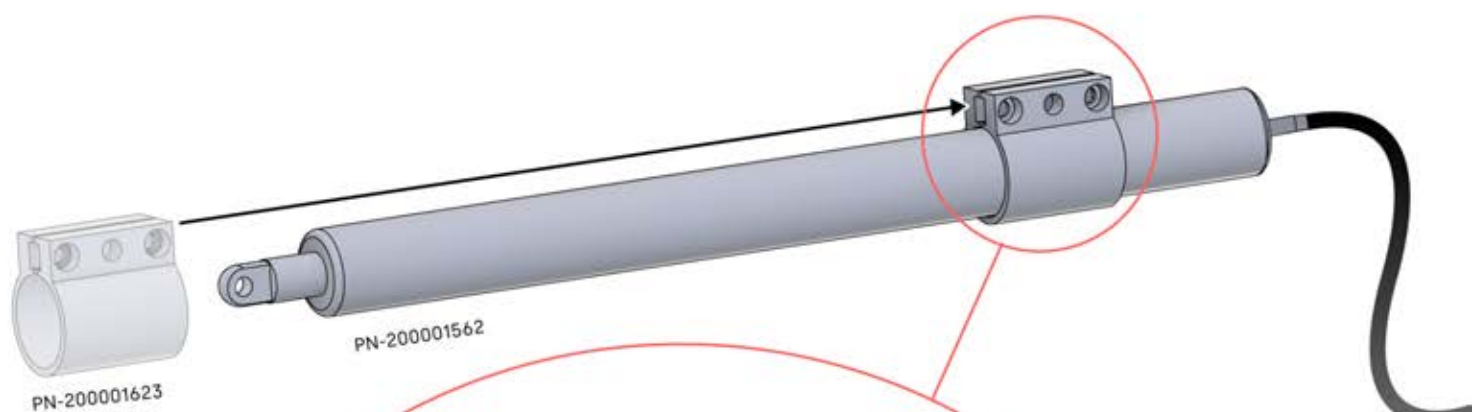
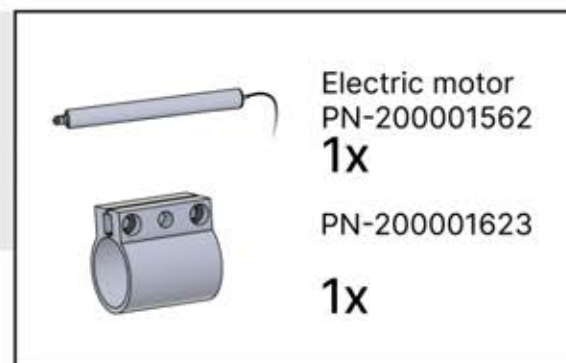
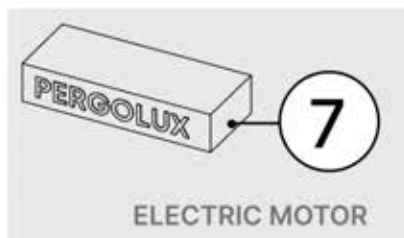
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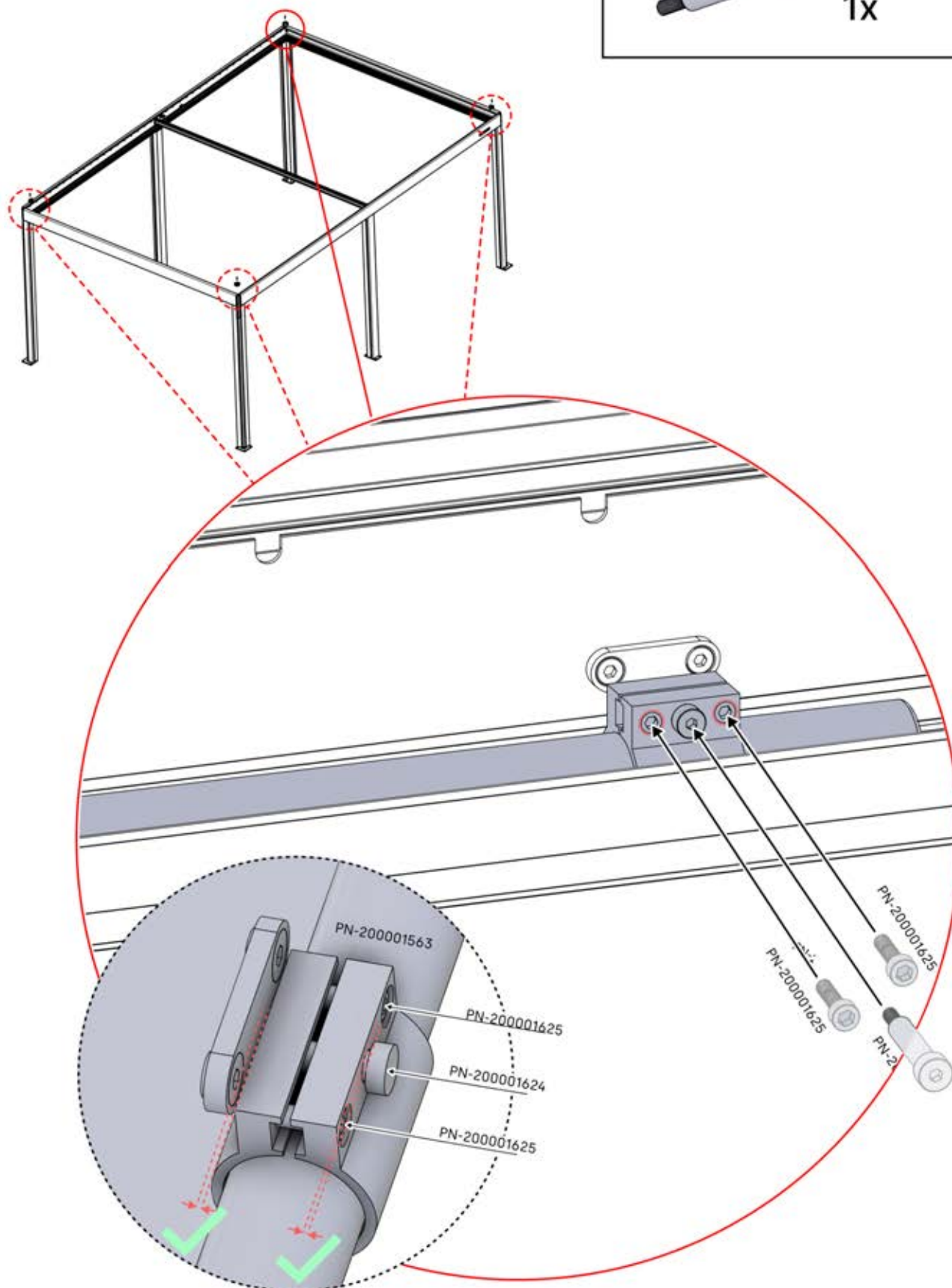
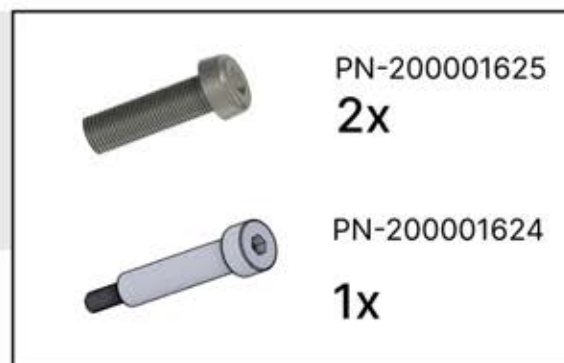
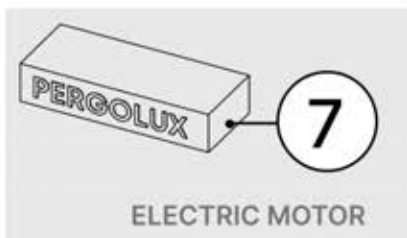
21



22



23



24



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200003372
1x



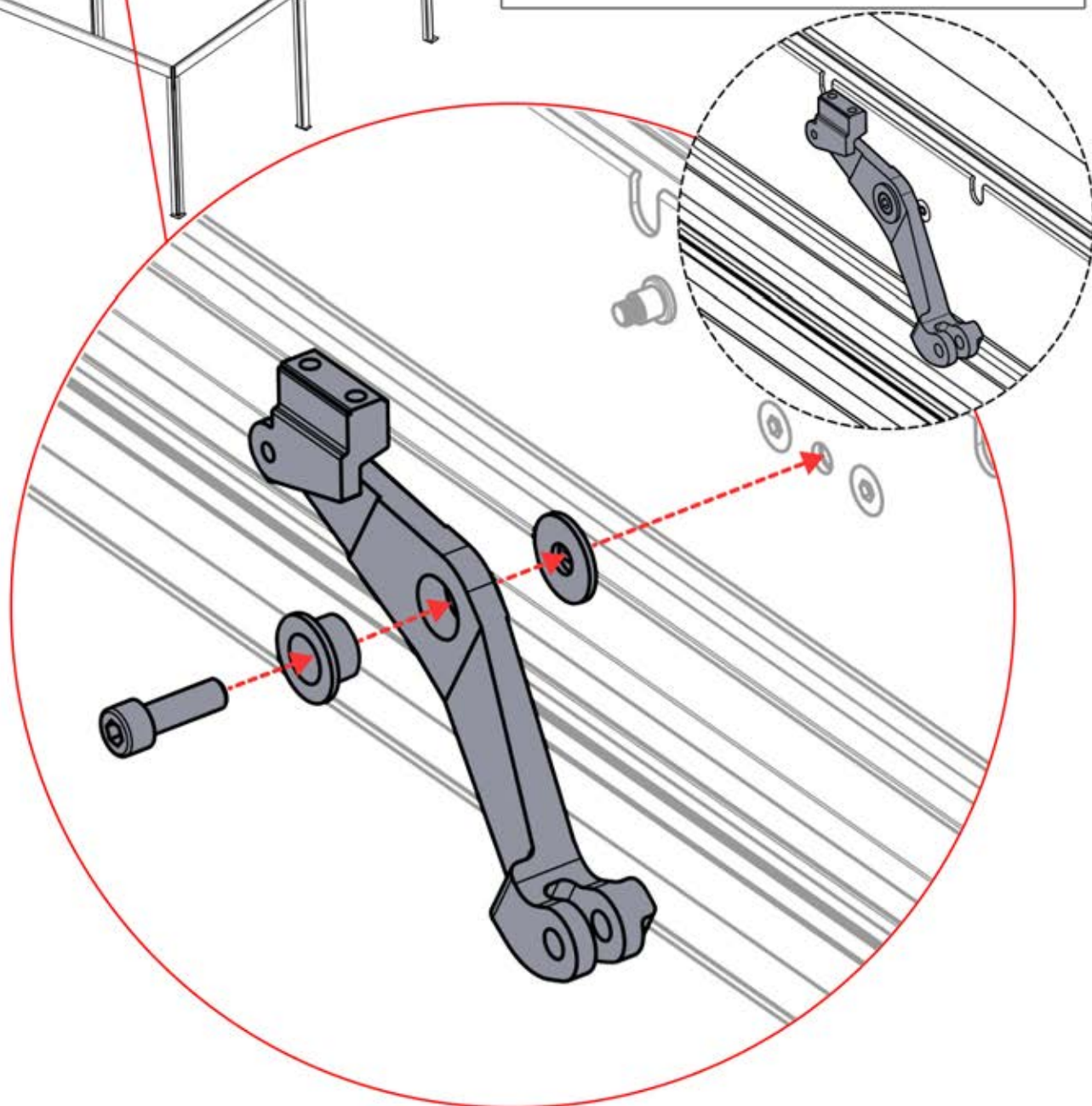
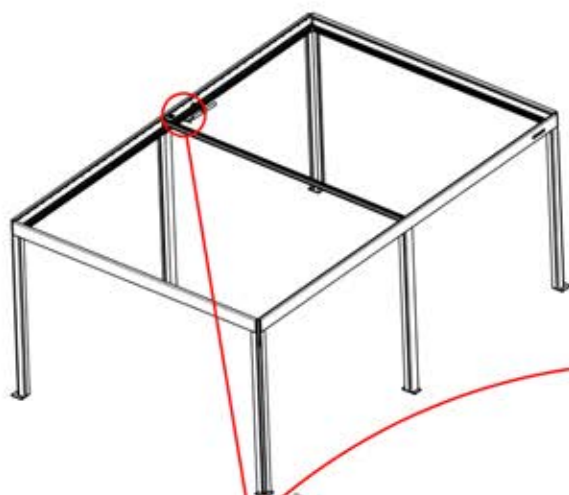
PN-200000502
1x



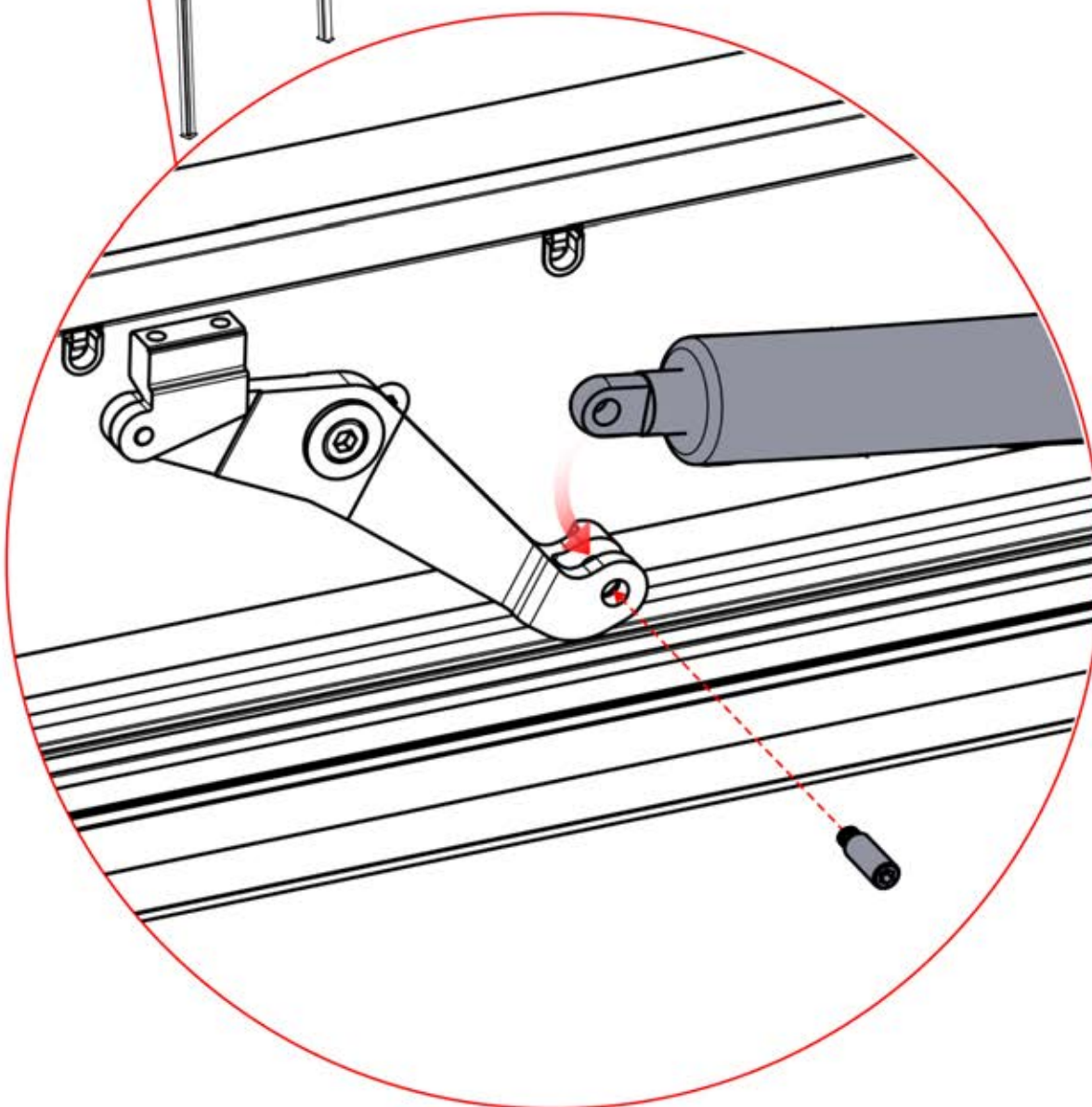
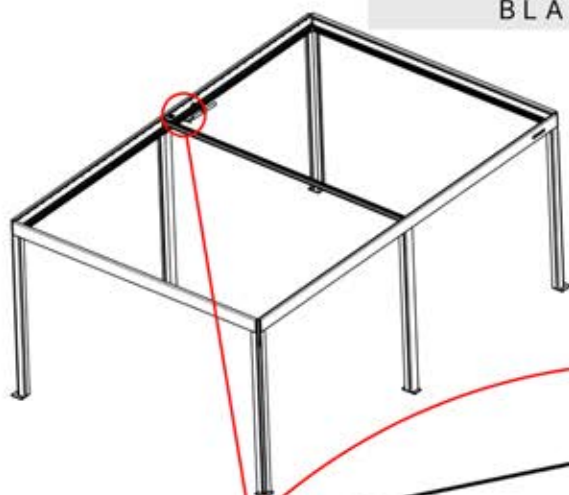
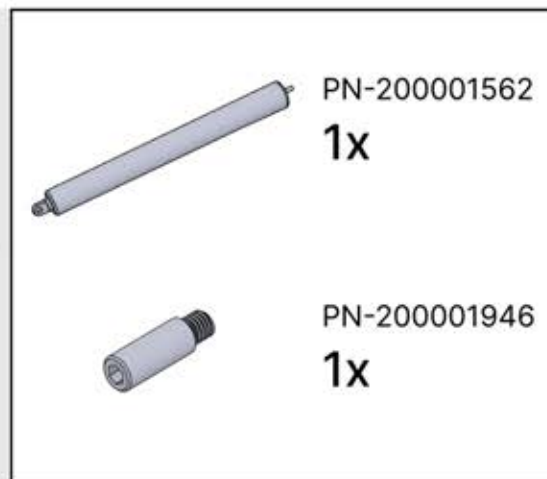
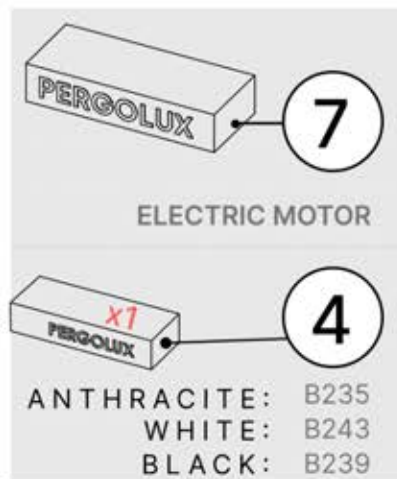
PN-200003373
1x



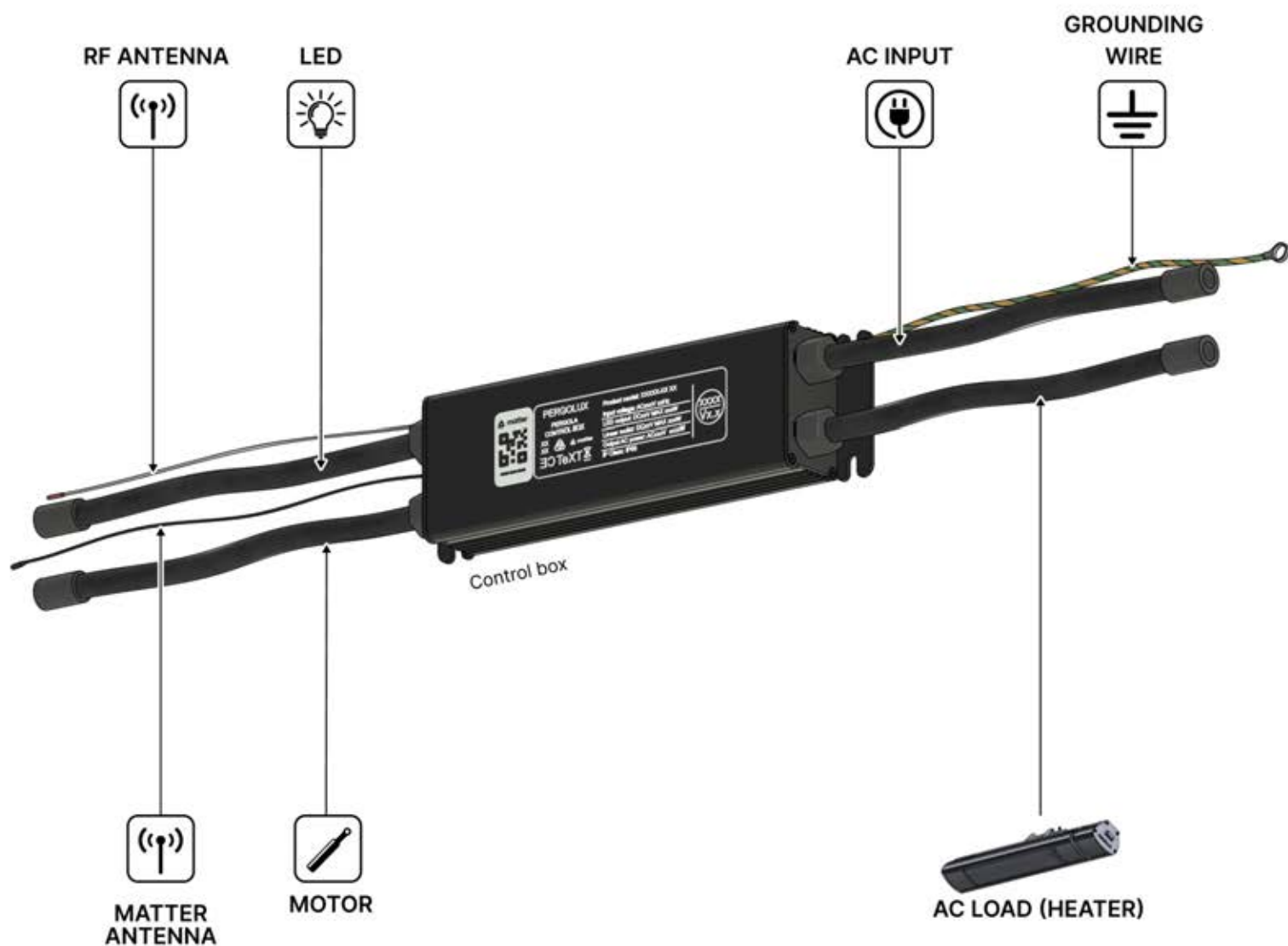
PN-200000561
1x



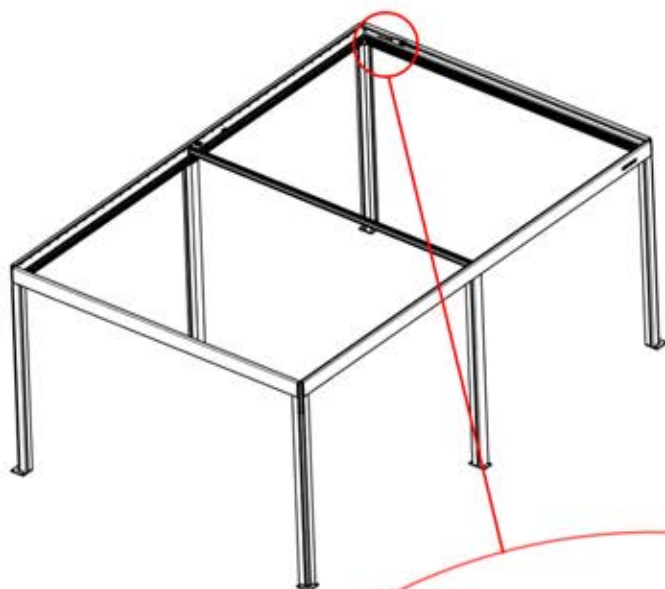
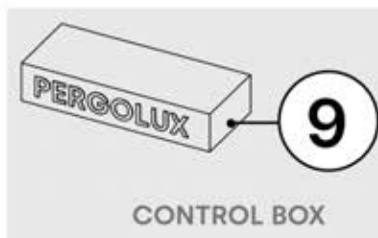
25



INPUTS AND OUTPUTS

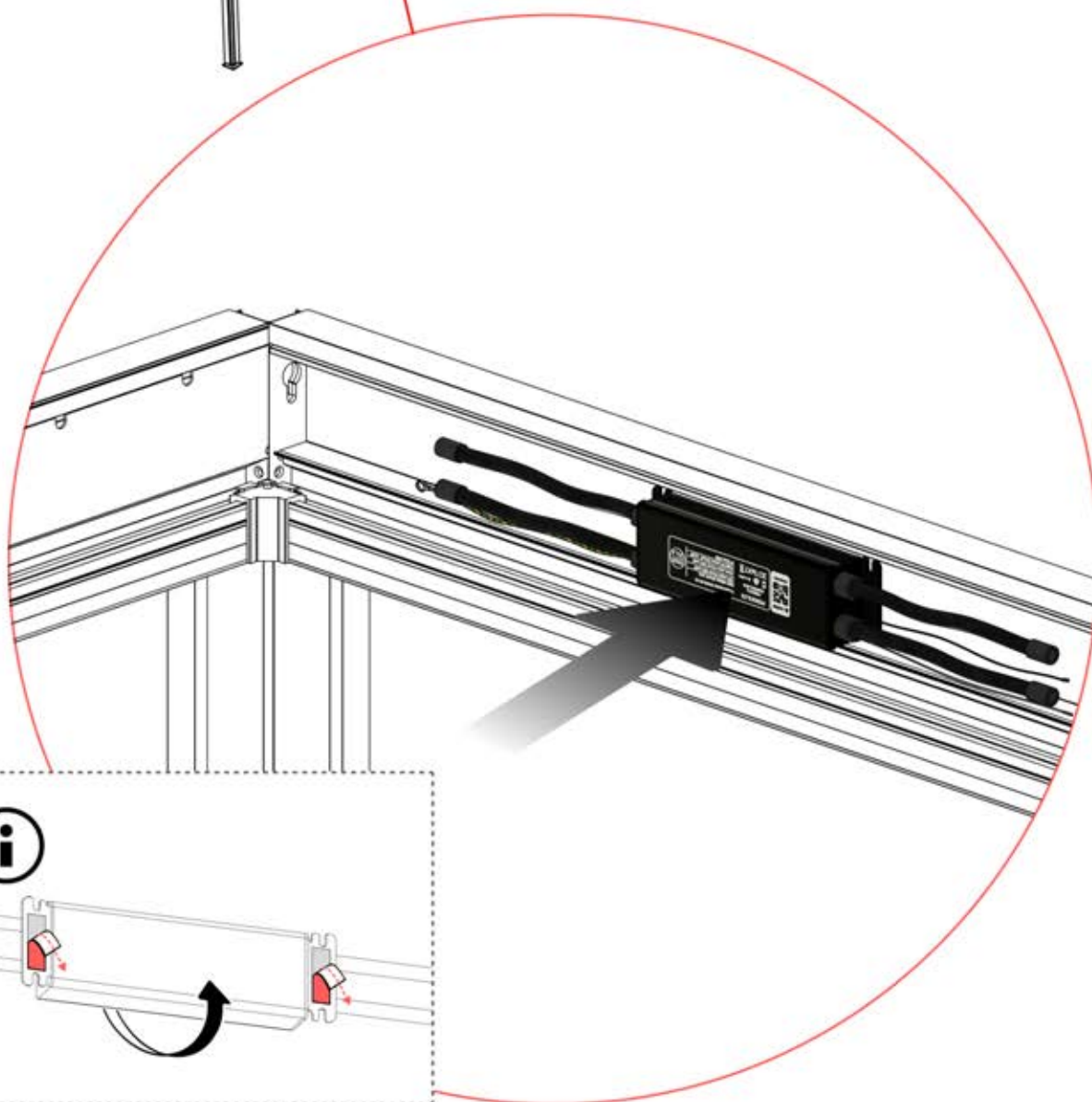


26

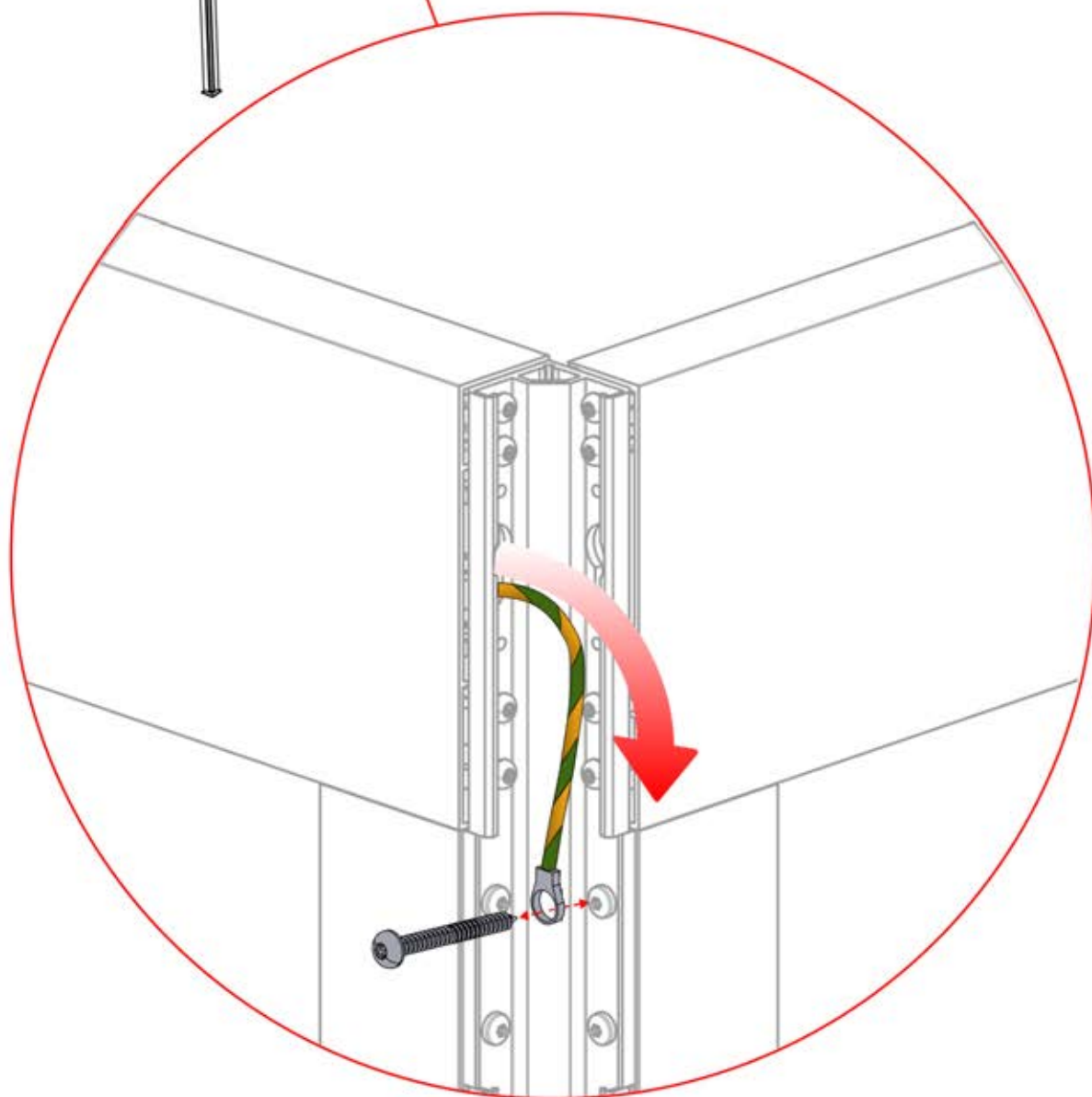
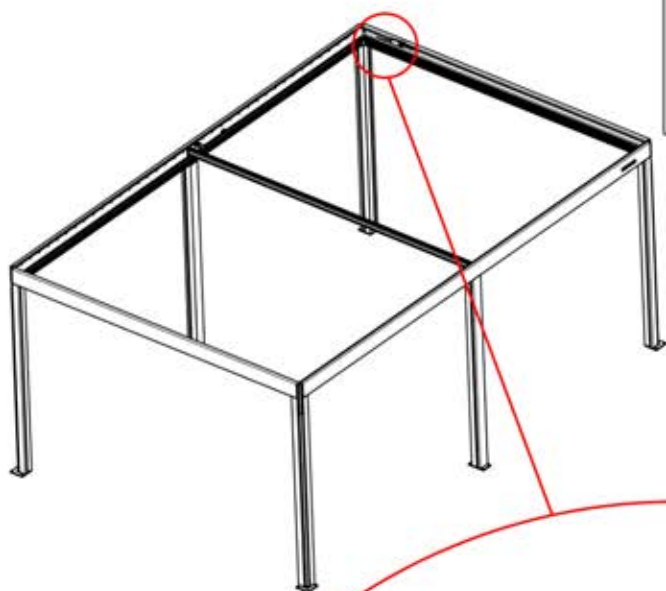
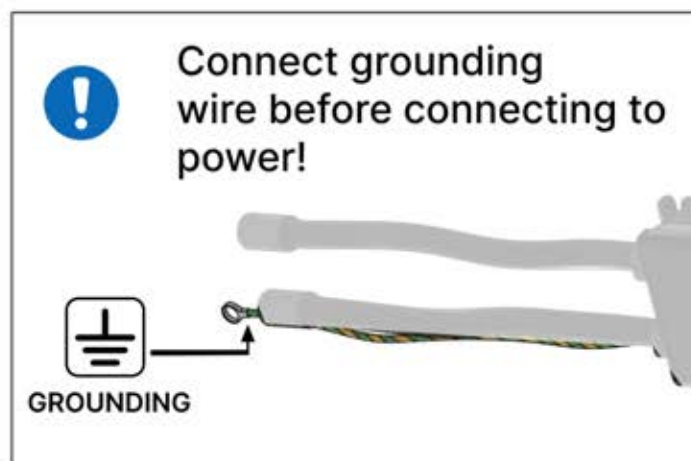


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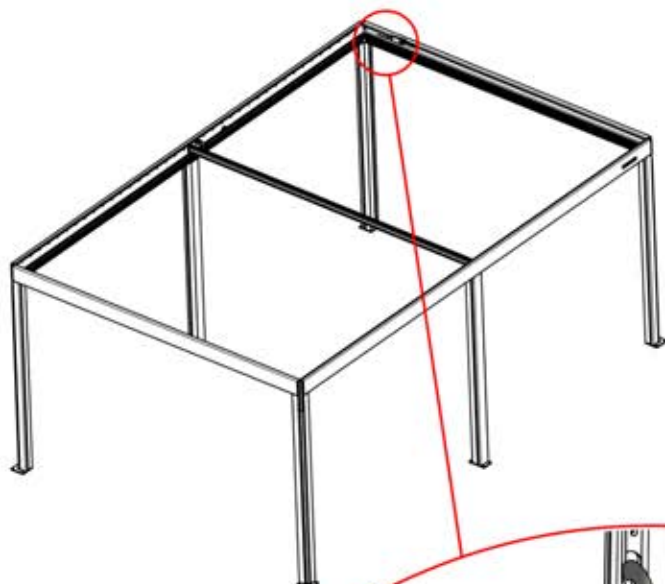
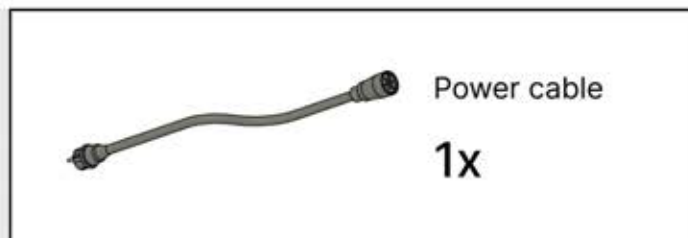
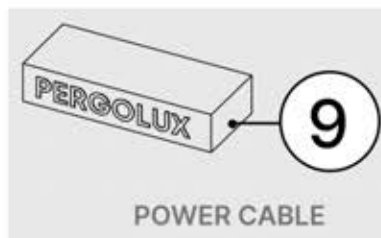
Control Box can be
installed on
Preferred W BEAM



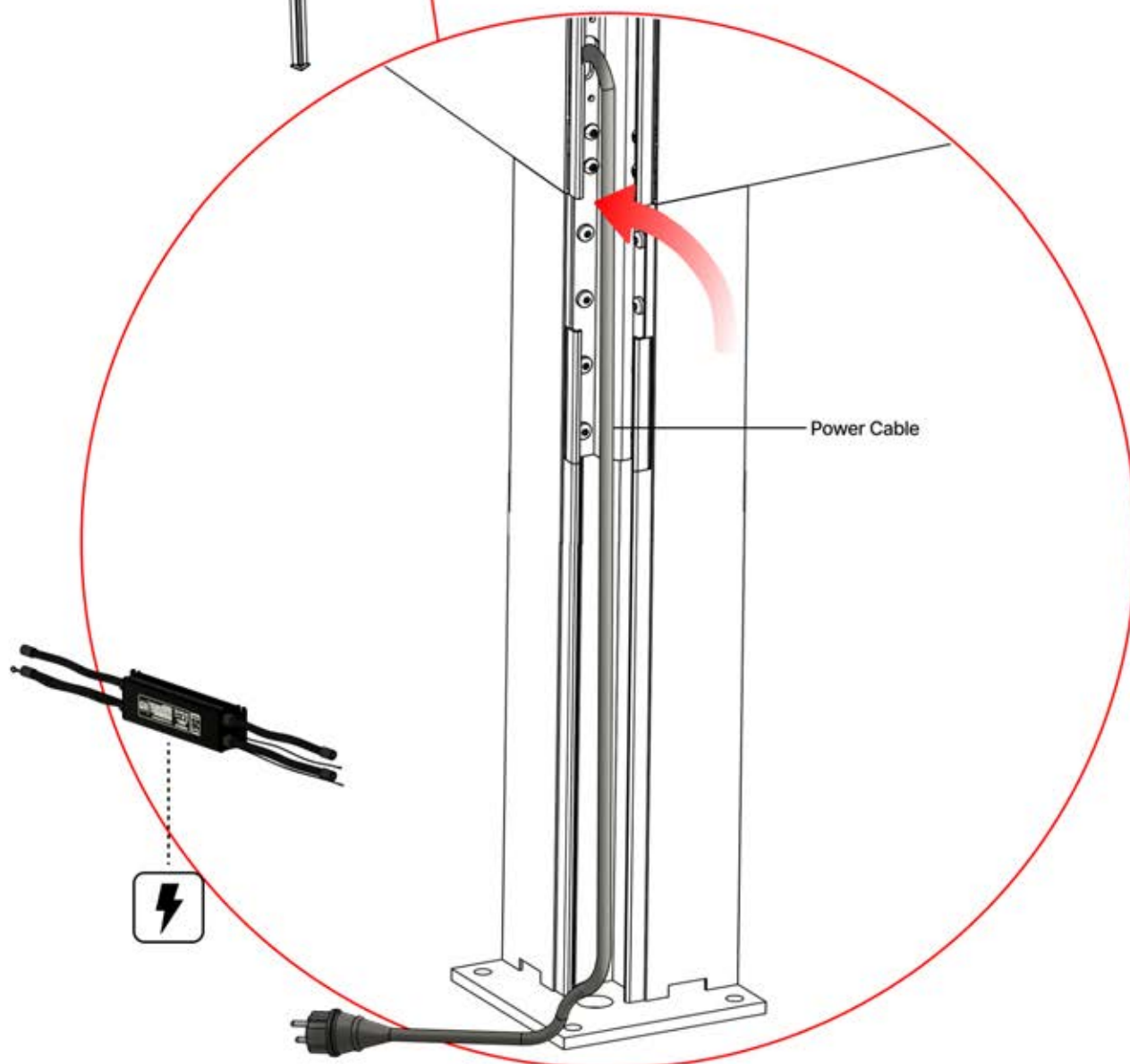
27



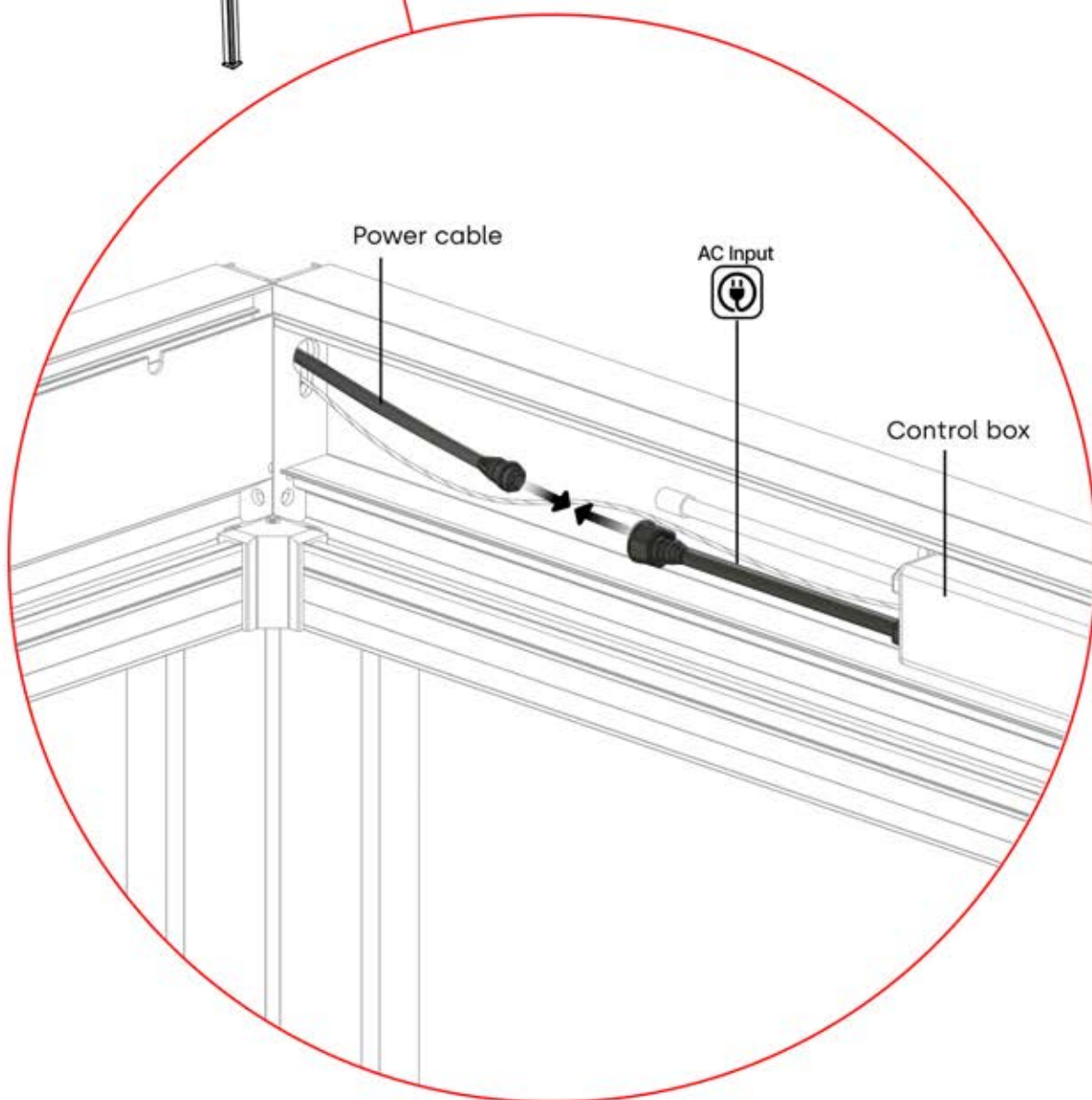
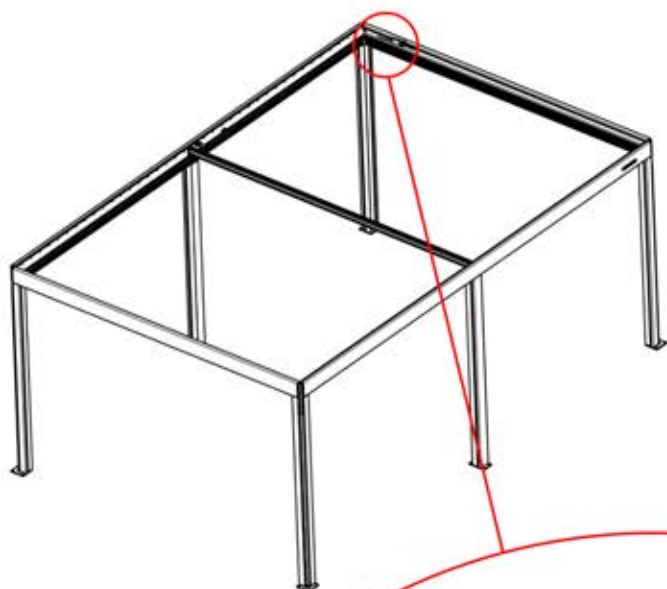
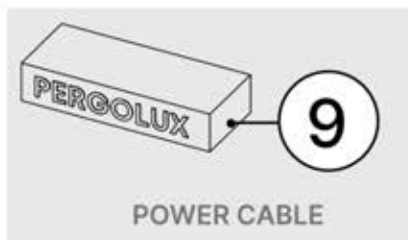
28



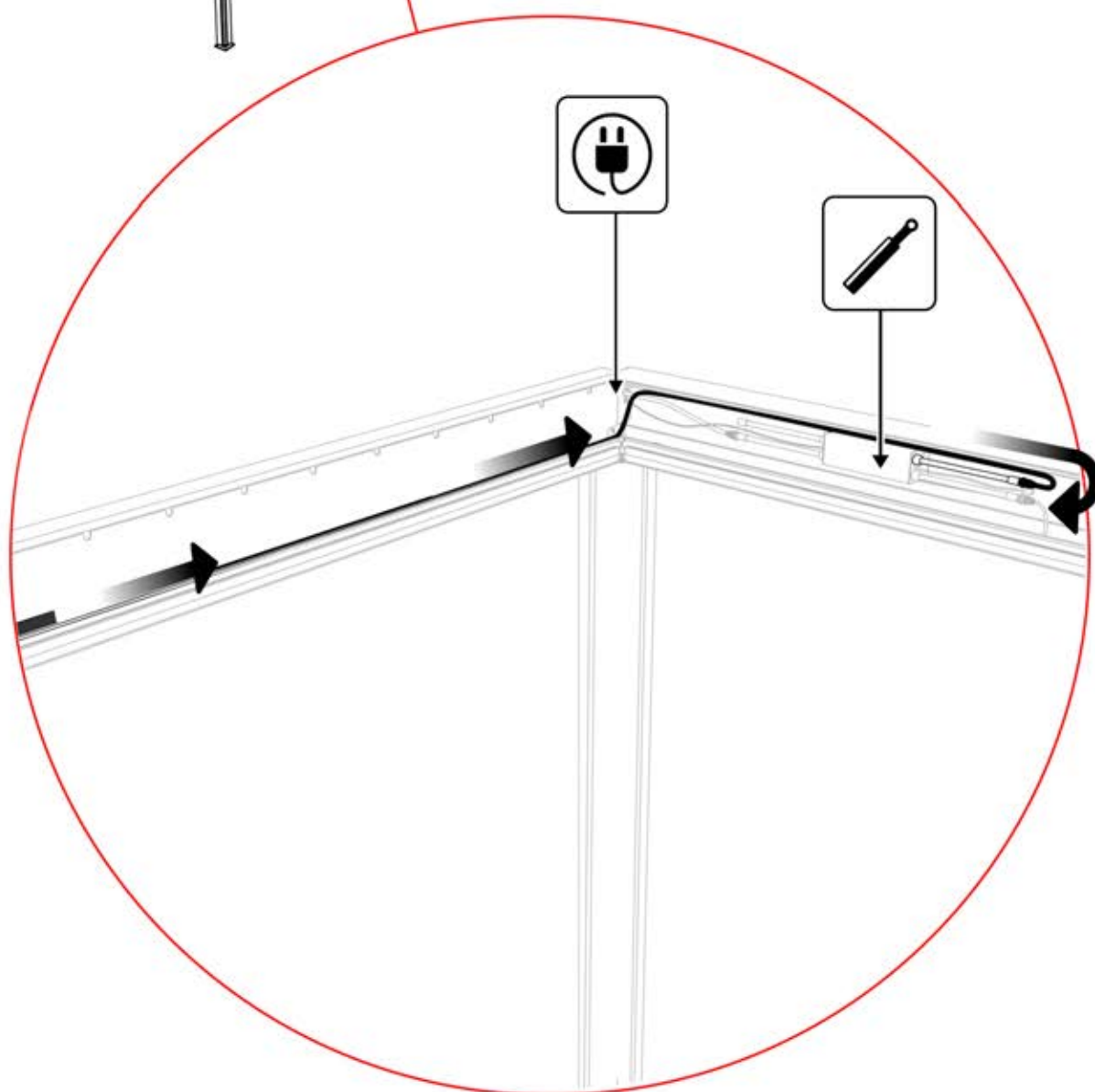
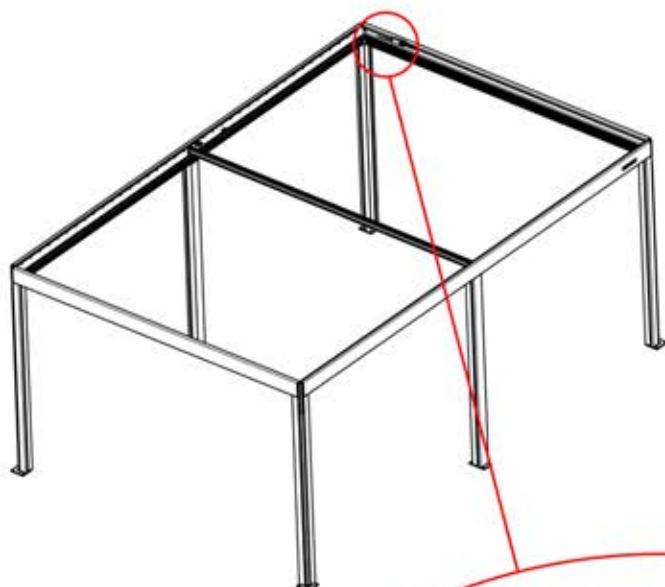
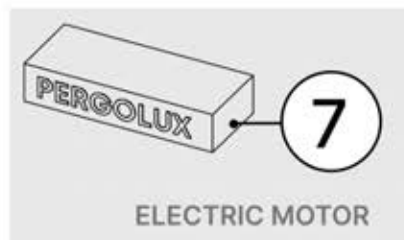
!
Power Cable can be
routed through all
the Poles.



29



30

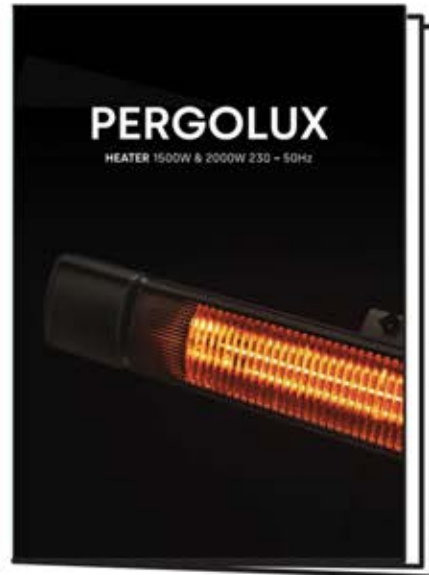


31

1

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

Follow the instructions in the heater assembly manual.



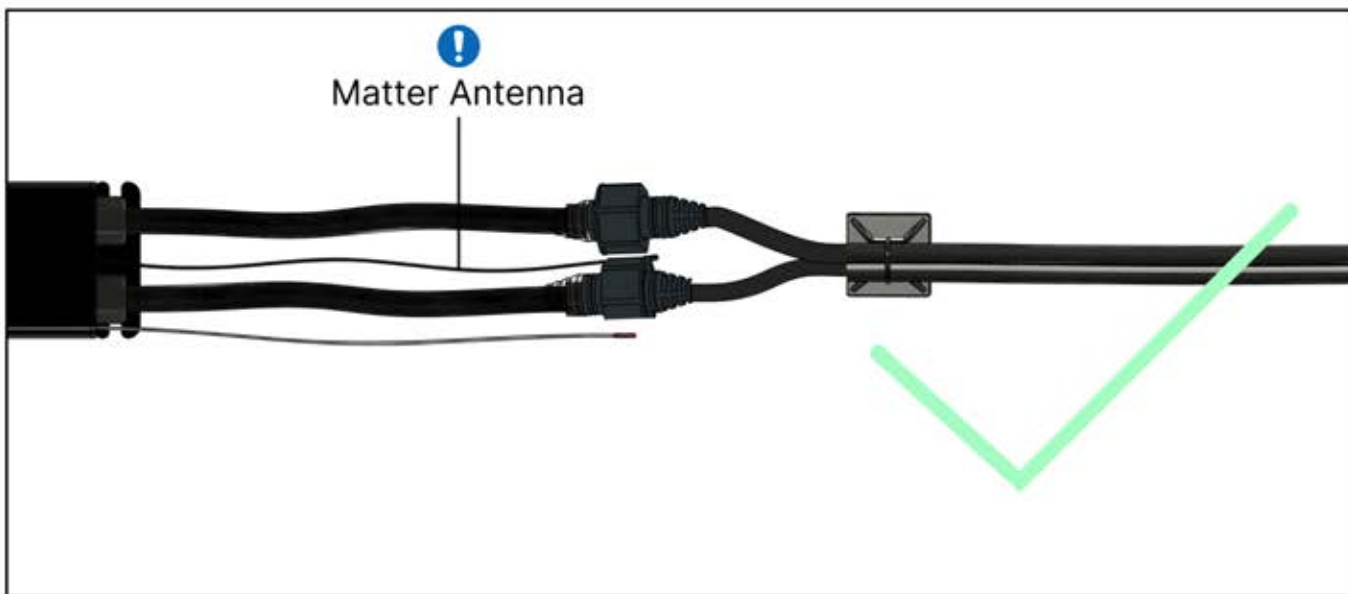
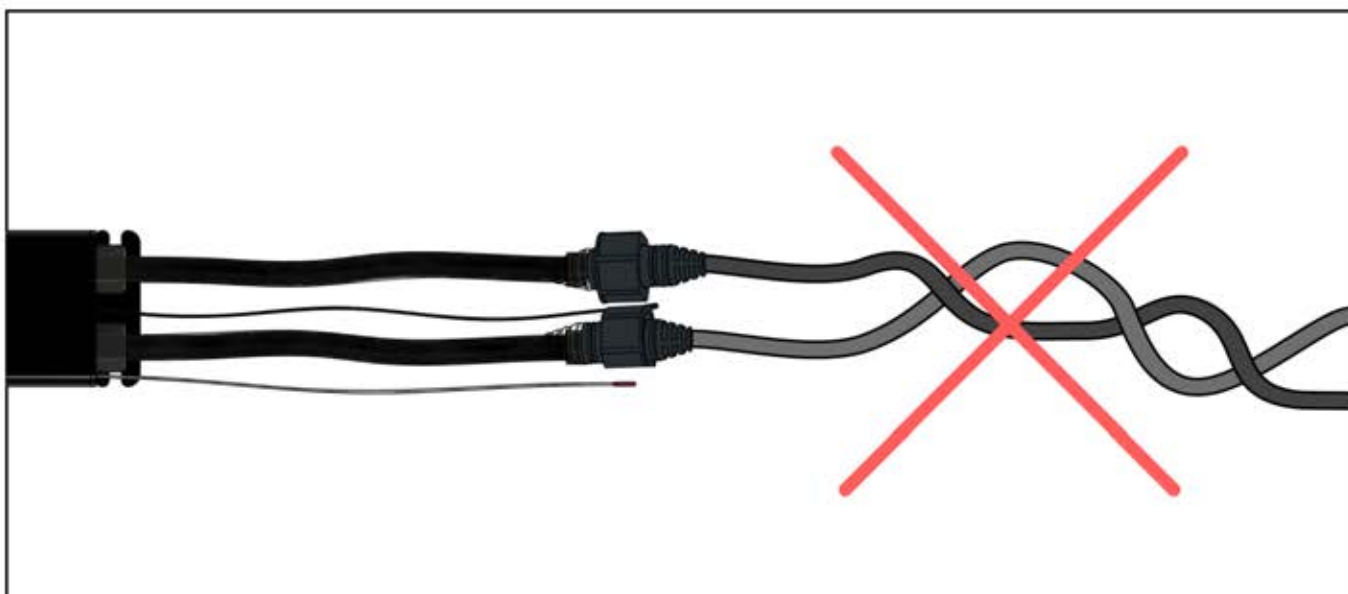
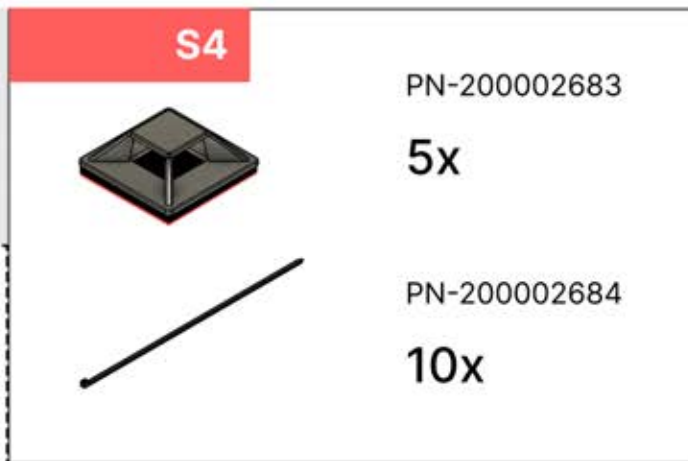
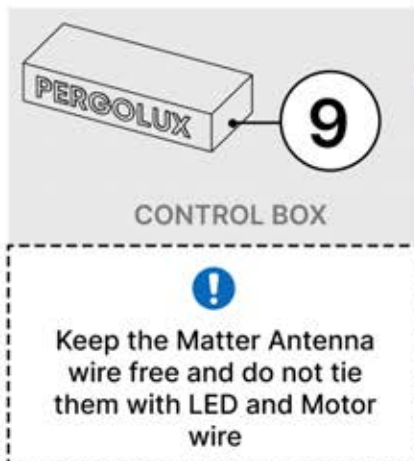
2

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

Follow the instruction in the assembly manual.



32



33



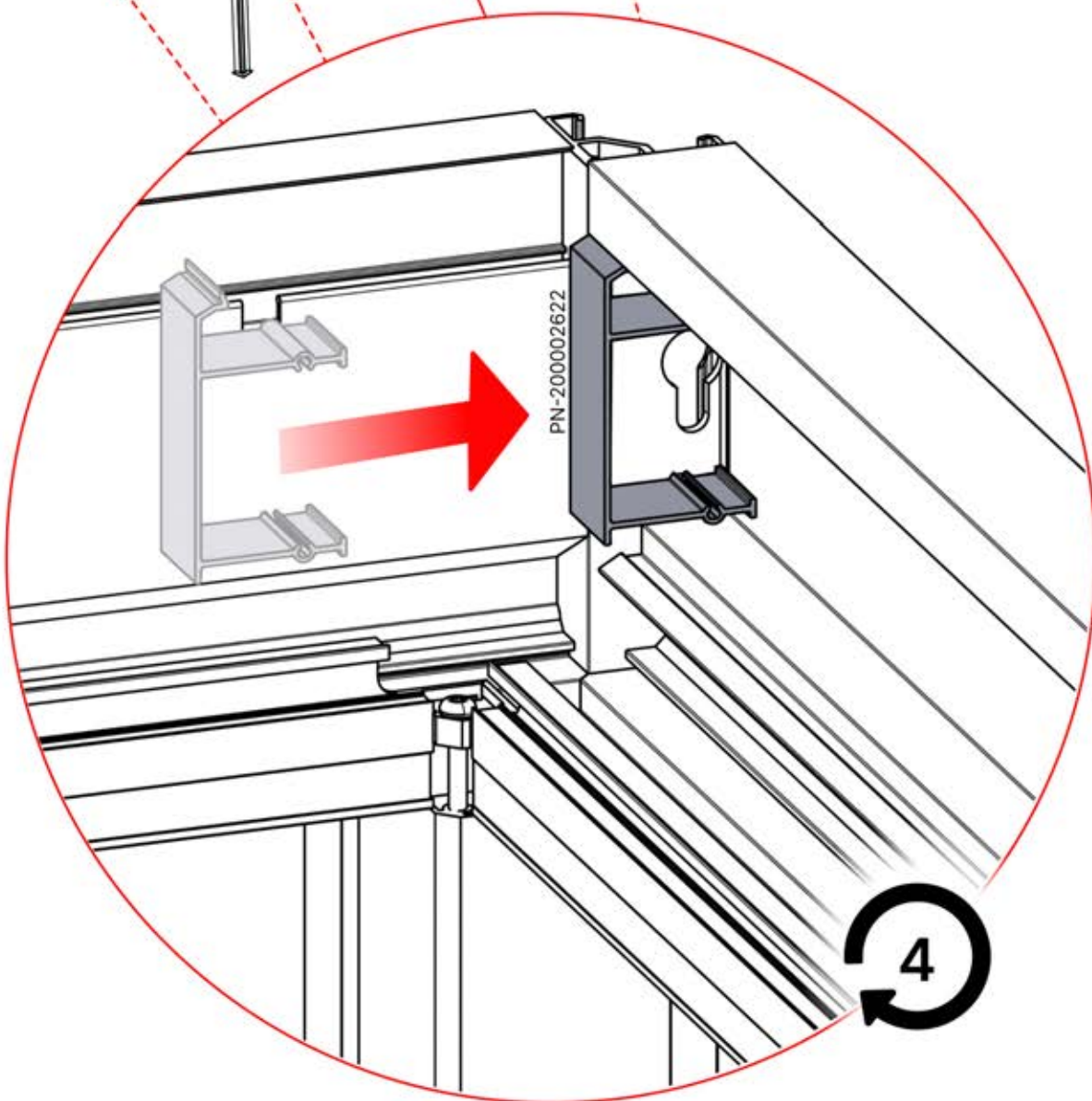
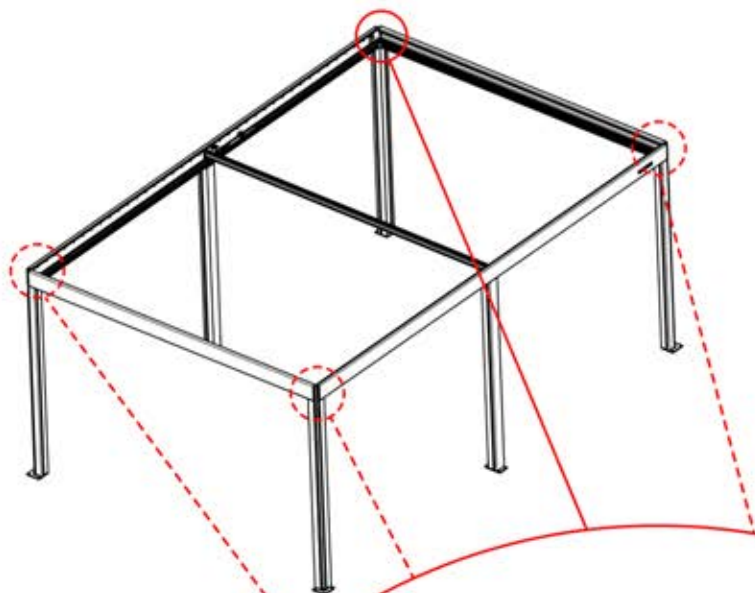
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

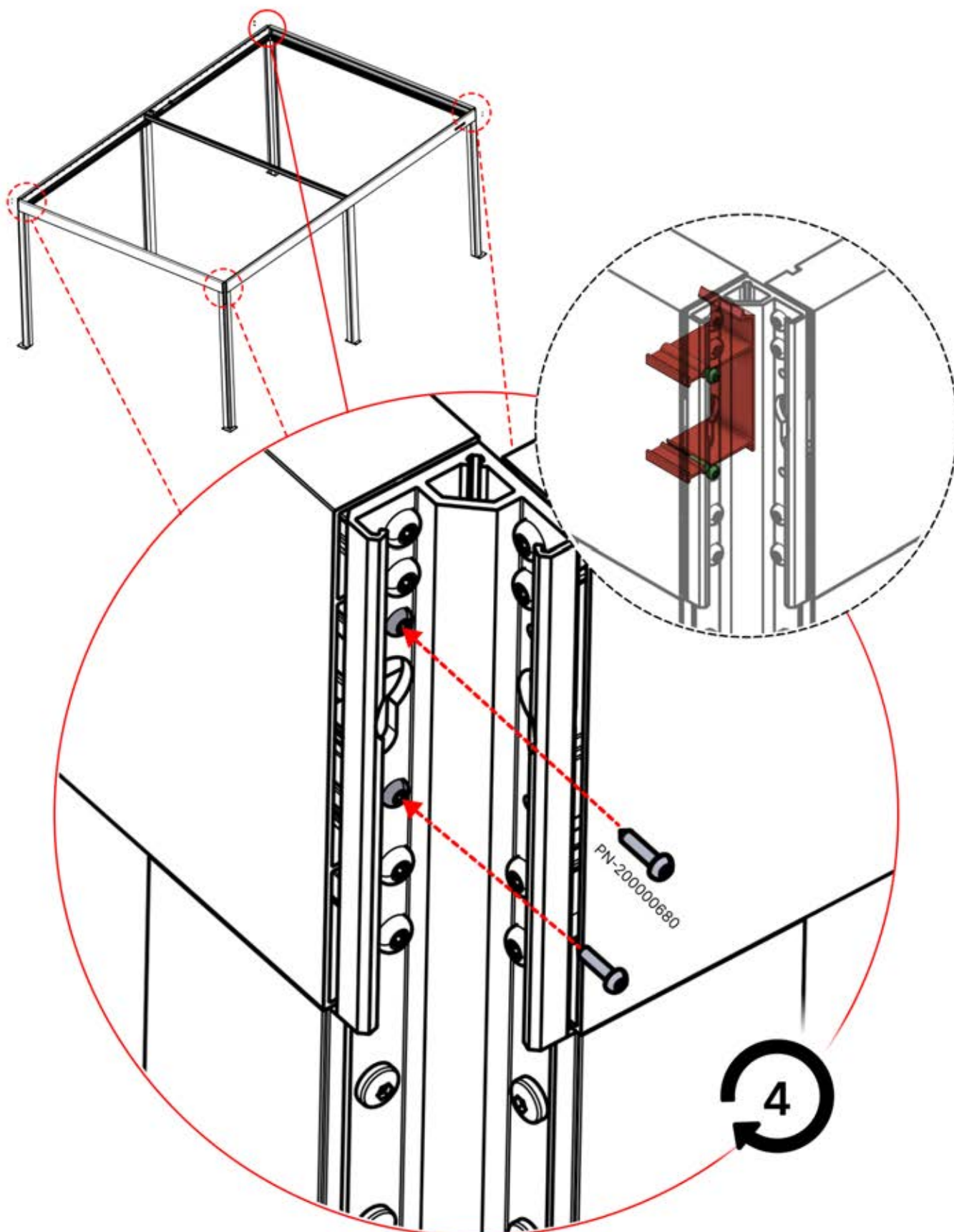
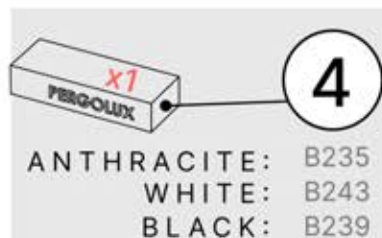


PN-200002622

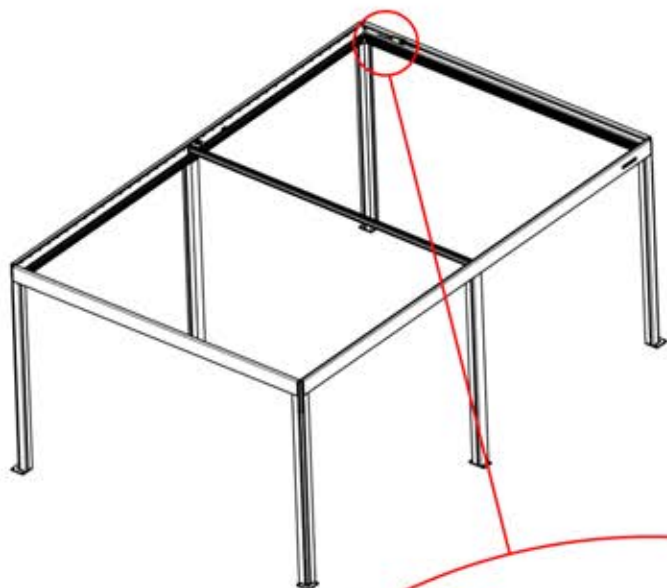
4x



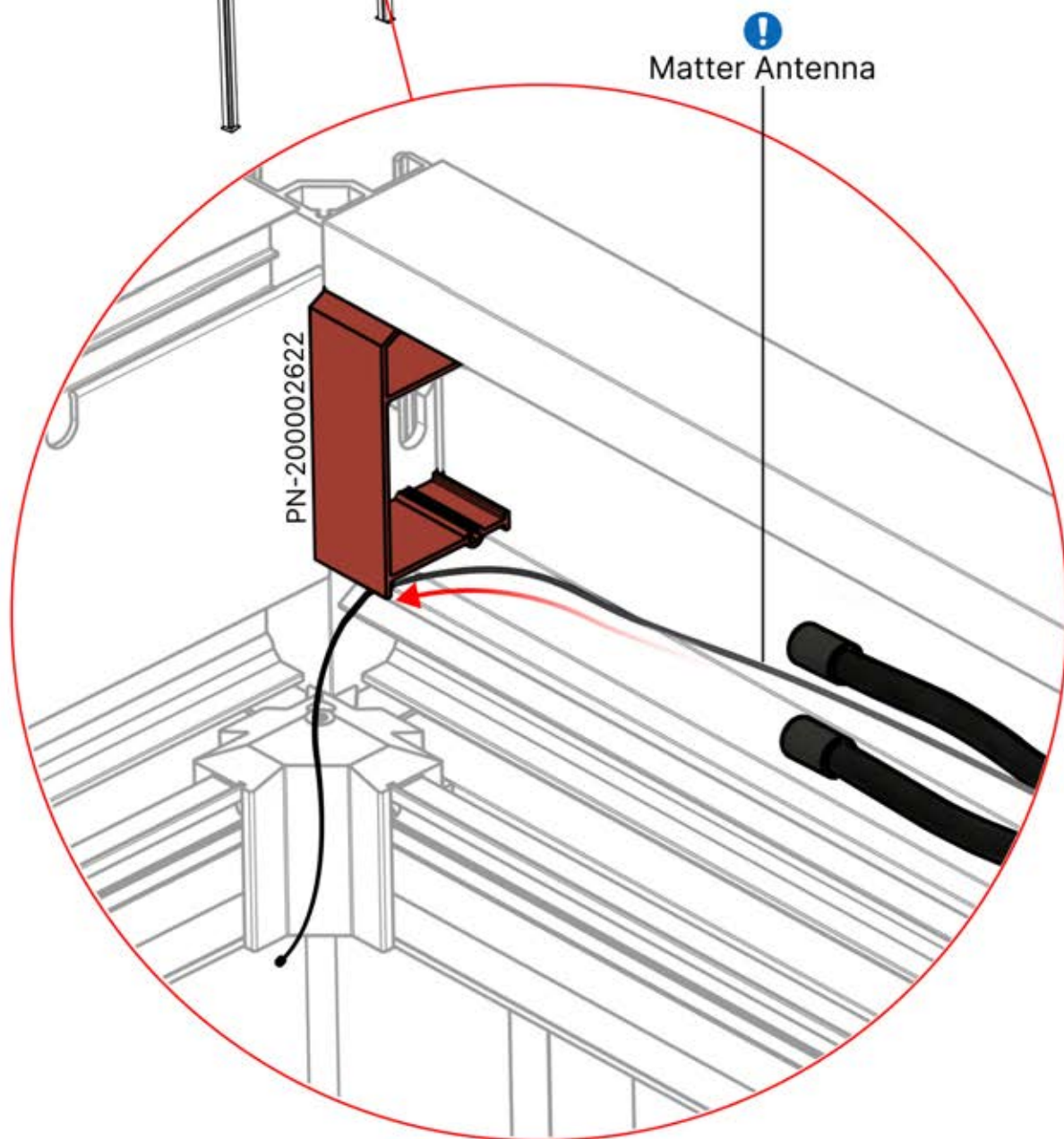
34



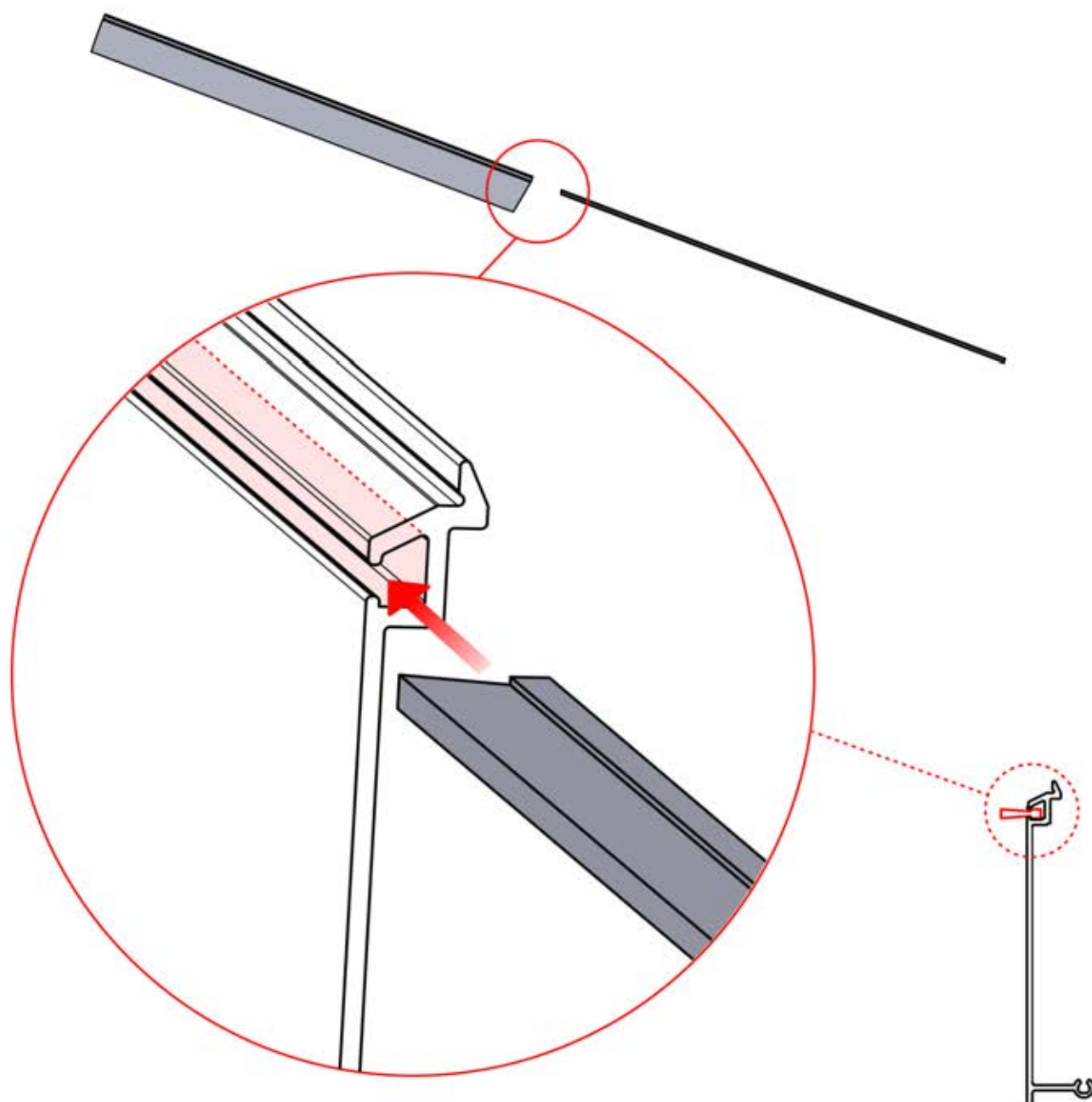
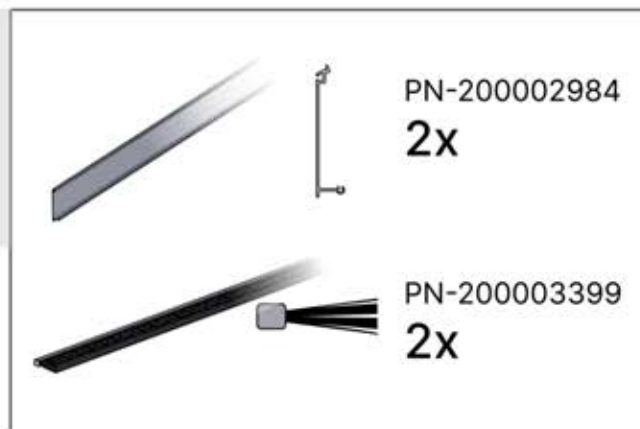
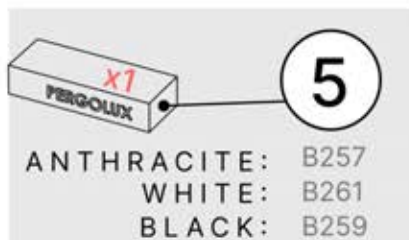
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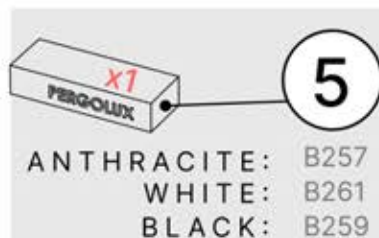

Route the Matter
Antenna and place it
below the highlighted
part(PN-200002622).



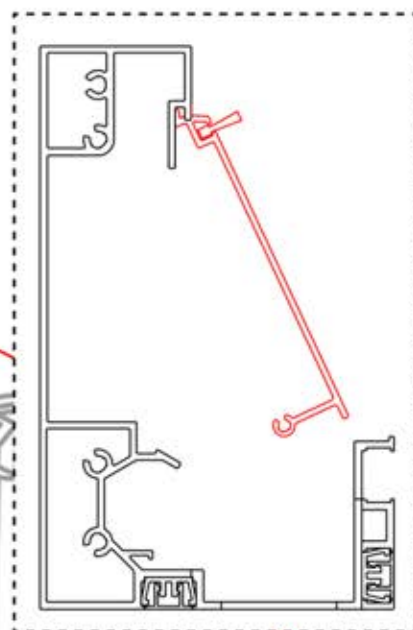
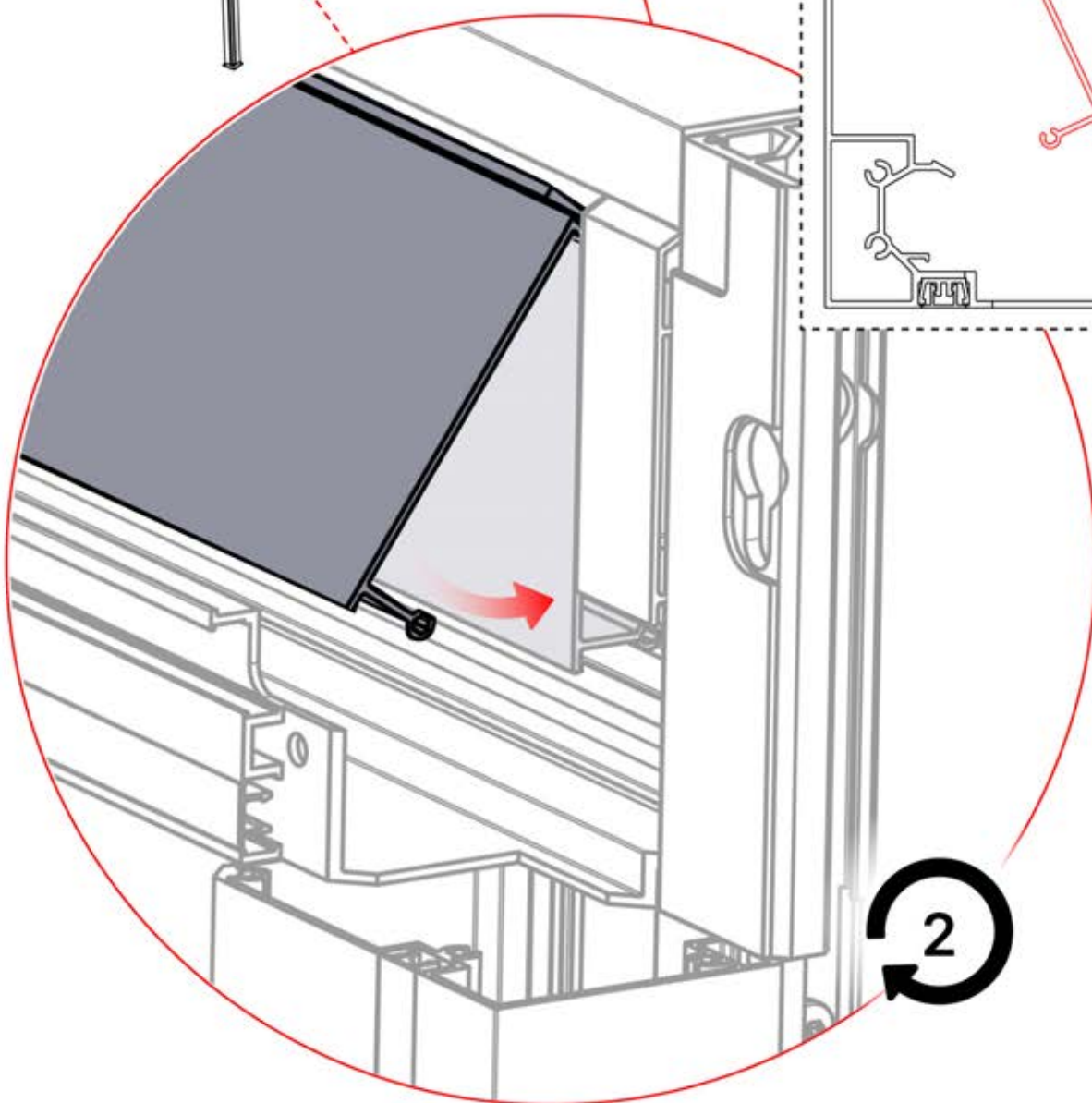
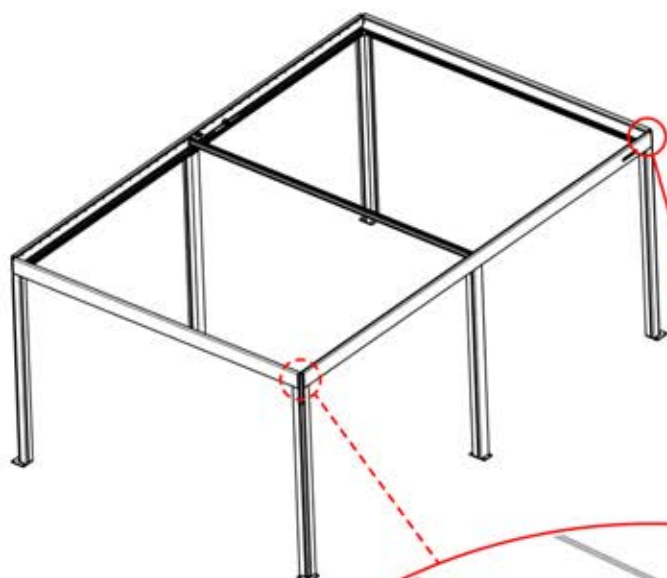
36



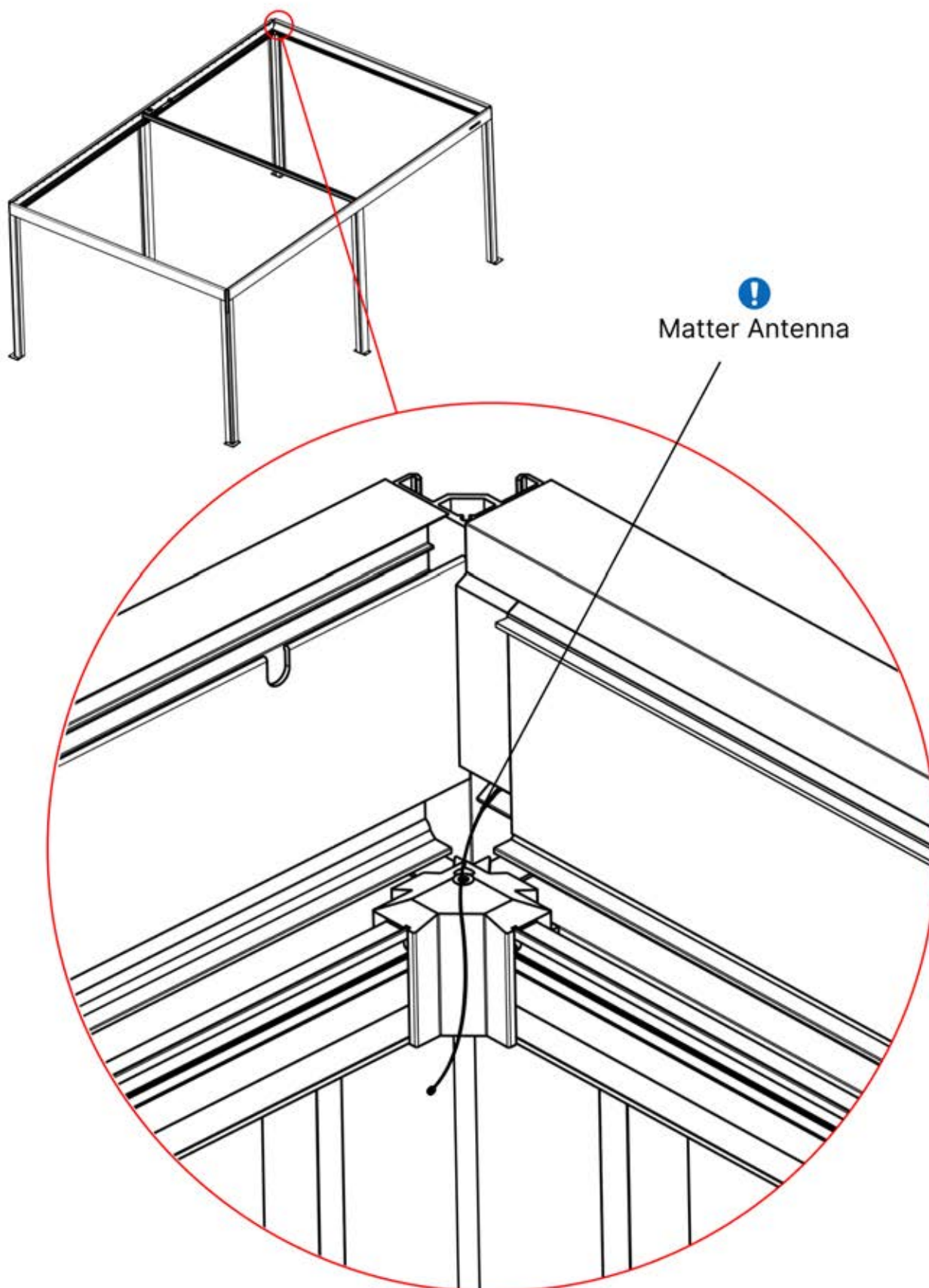
37



ANTHRACITE: B257
WHITE: B261
BLACK: B259



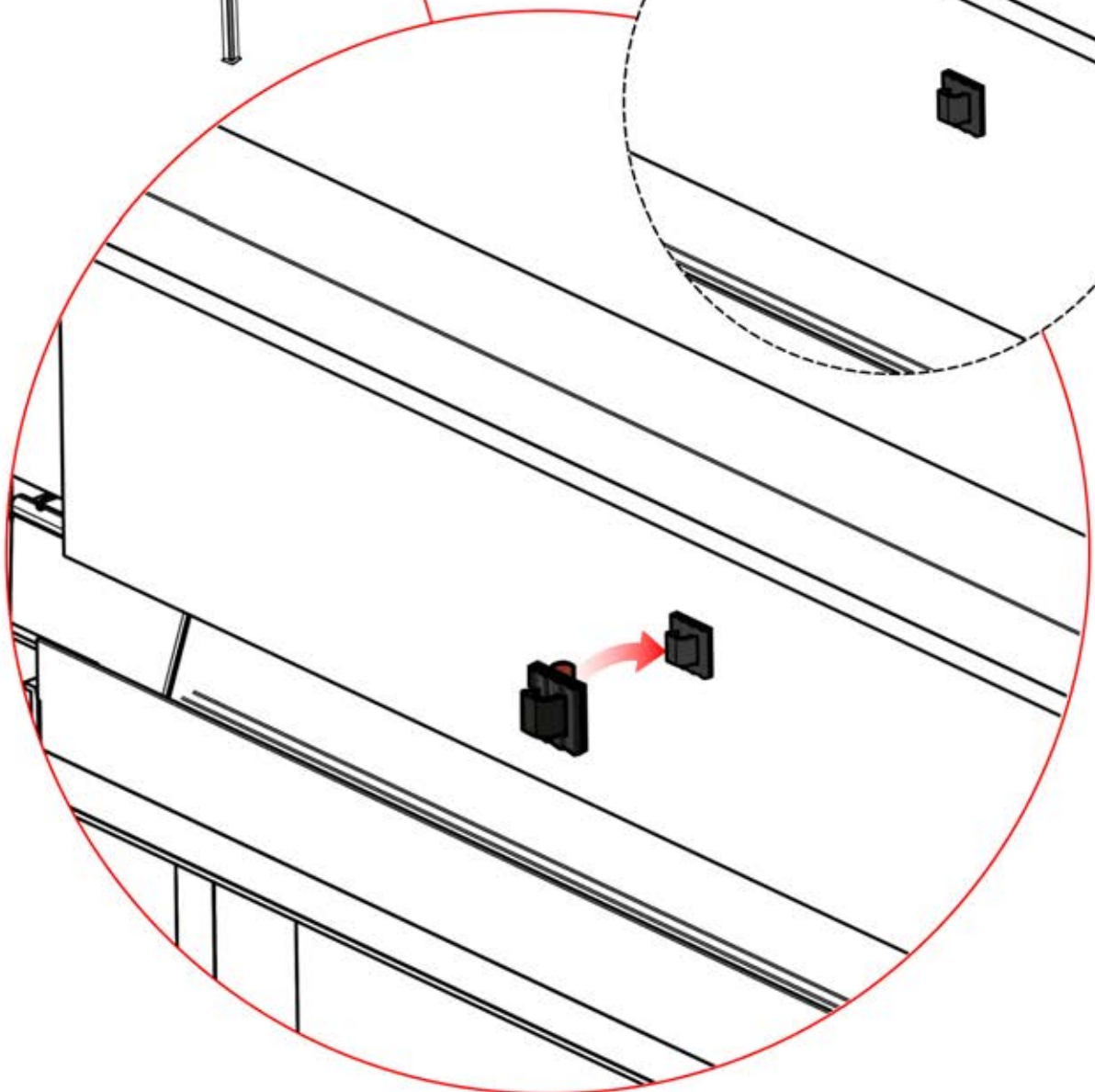
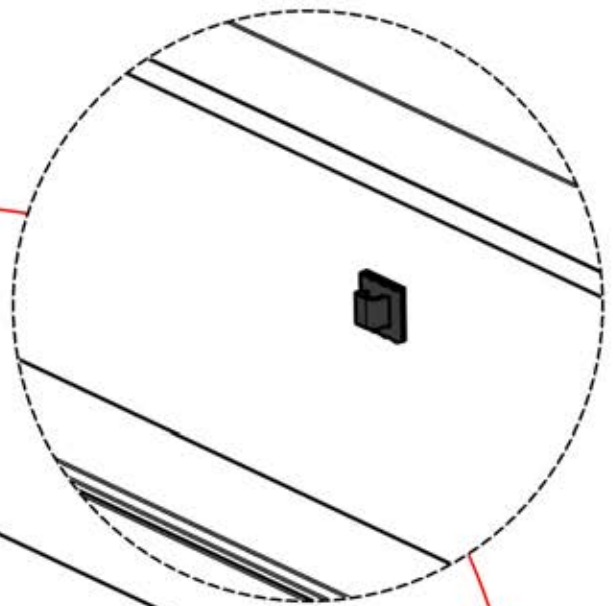
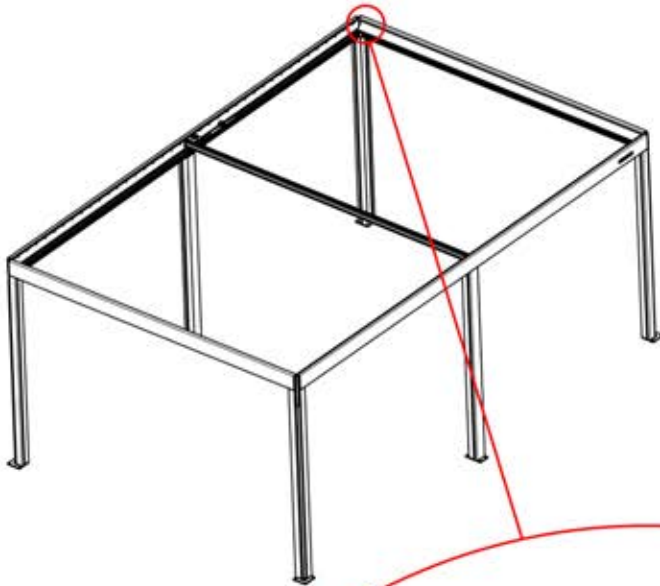
INFORMATION



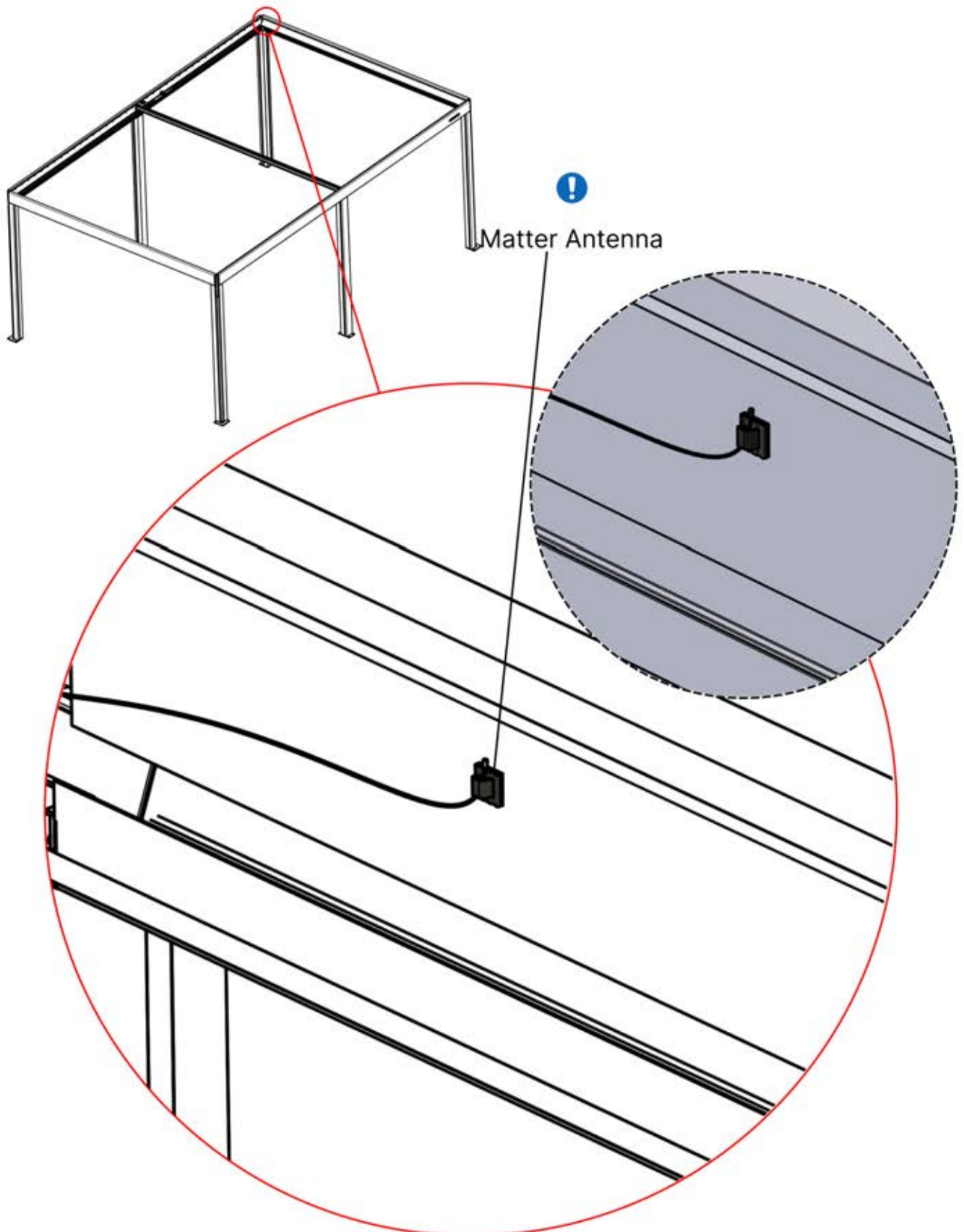
38



Matter
Antenna Clip
1x



39

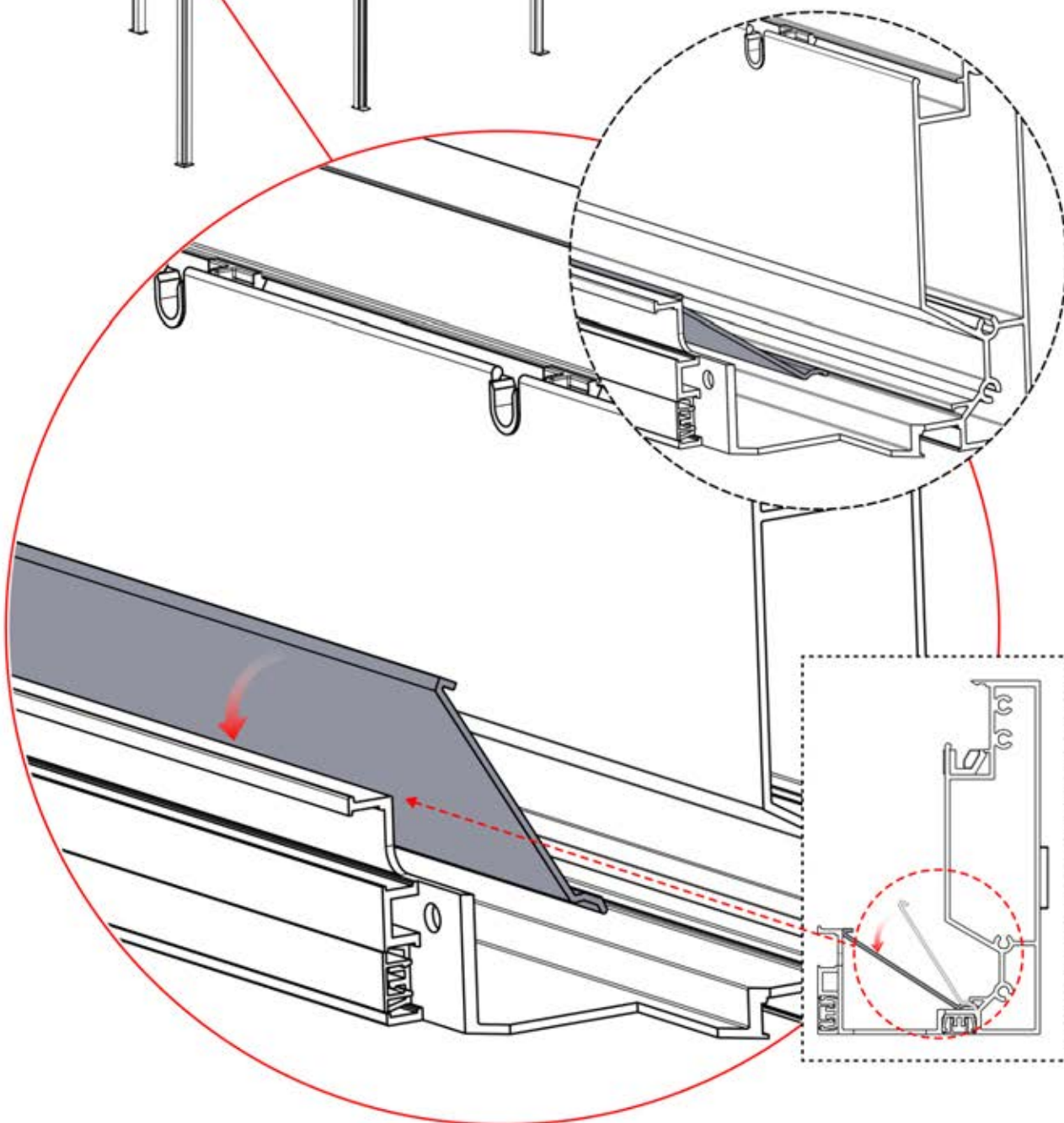
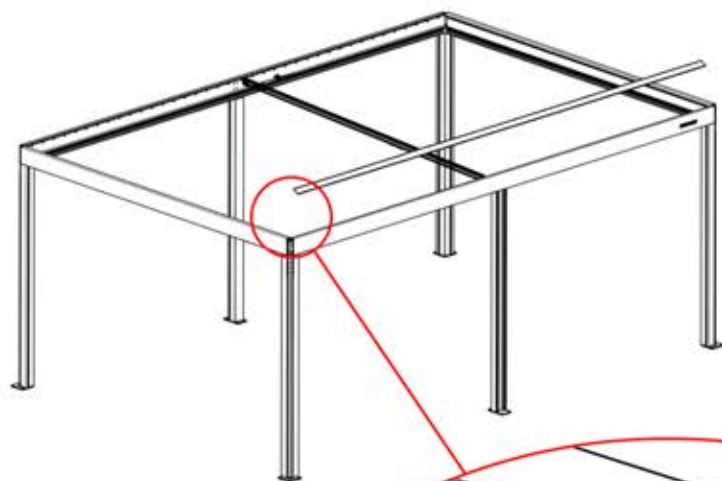
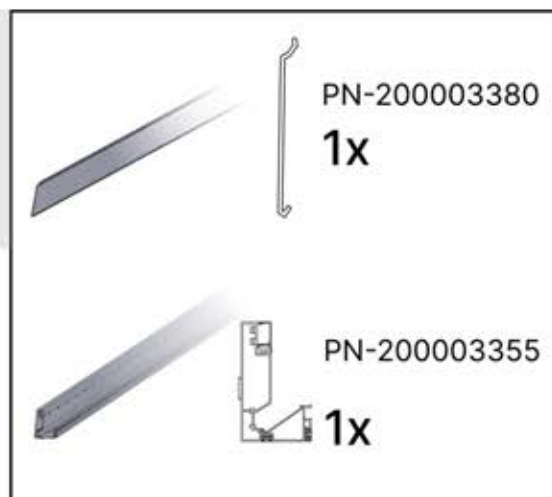


40



4

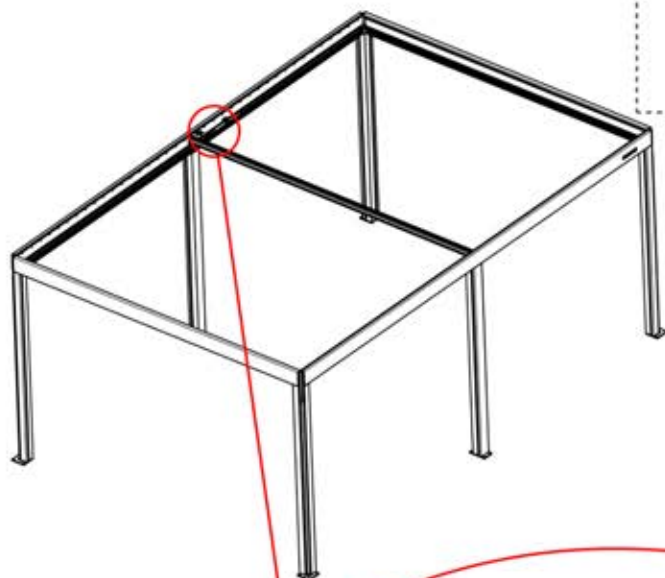
ANTHRACITE: B235
WHITE: B243
BLACK: B239



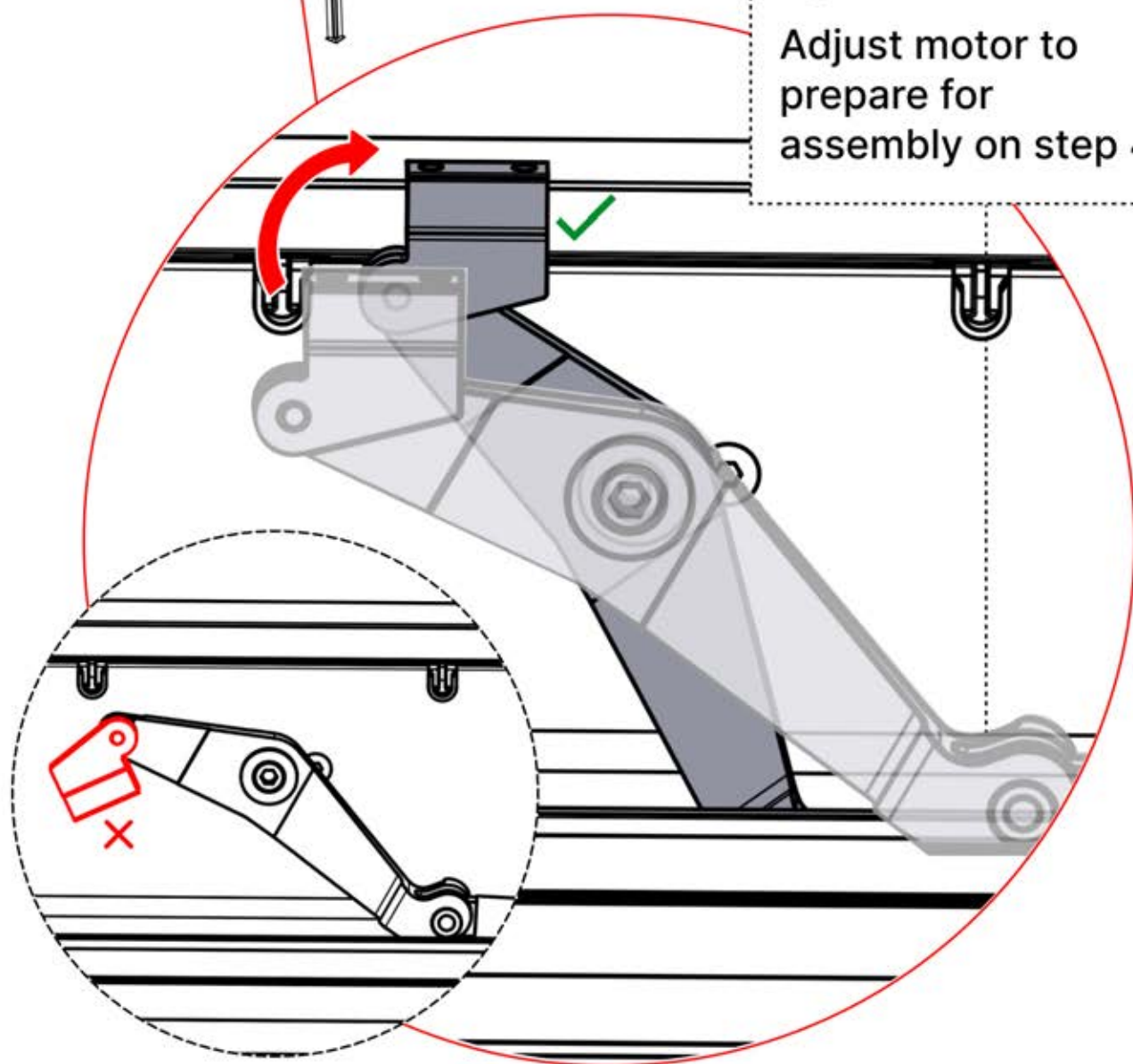
41



Remote
Controller



Adjust motor to
prepare for
assembly on step 42



42



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



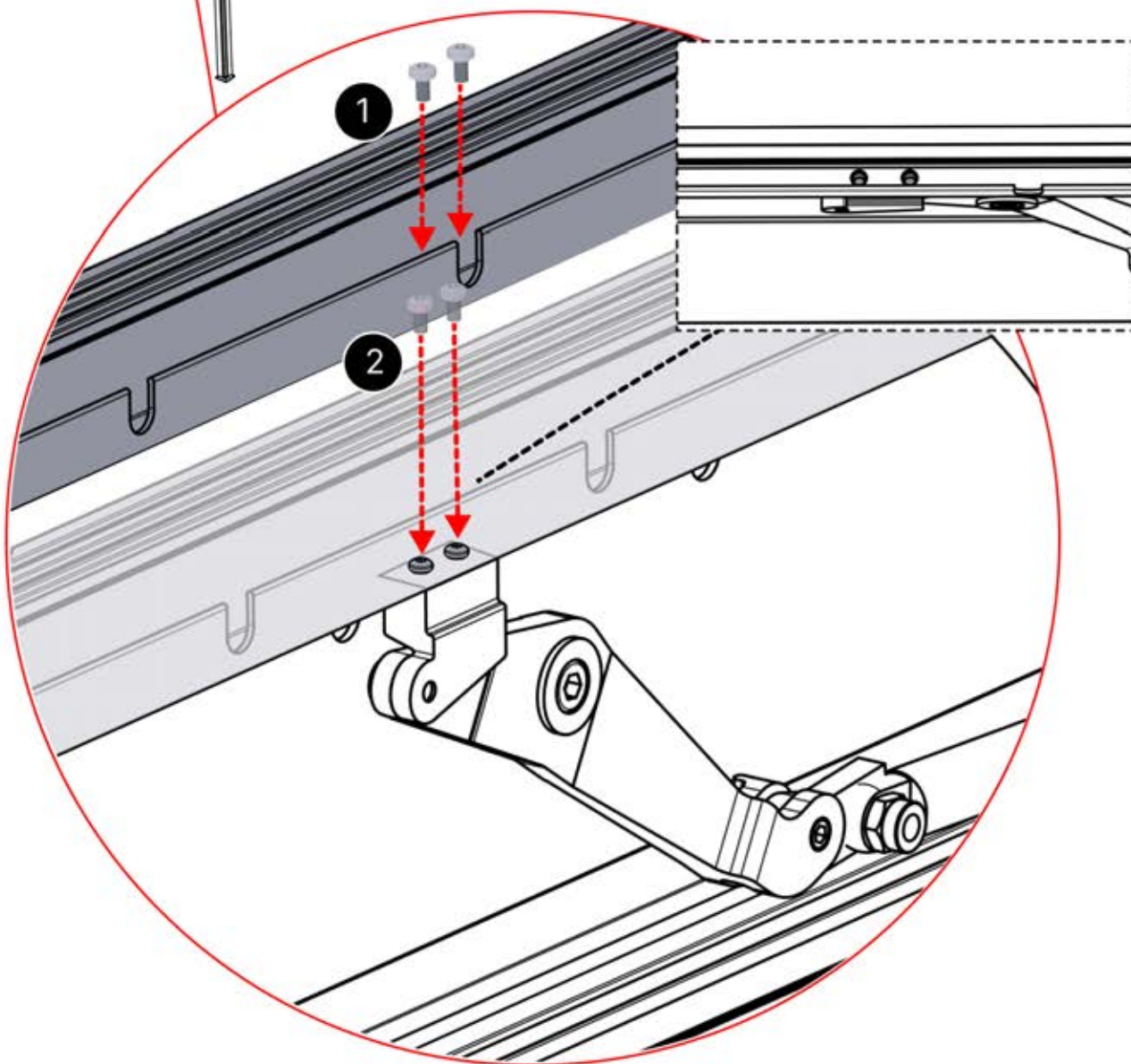
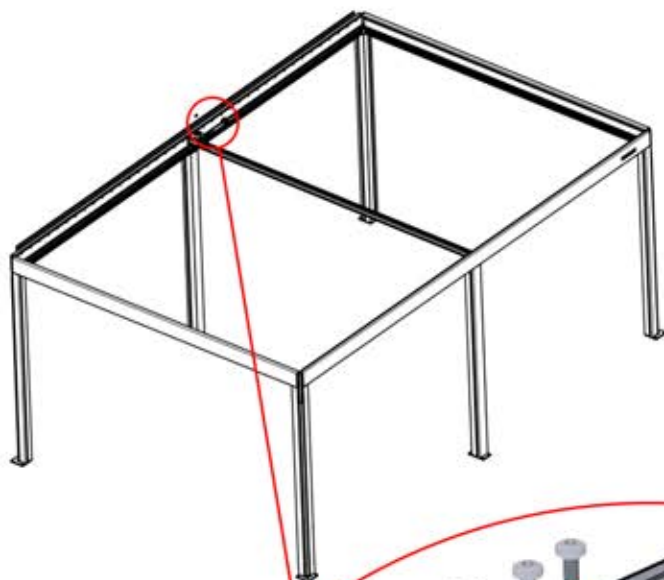
PN-200002866

1x

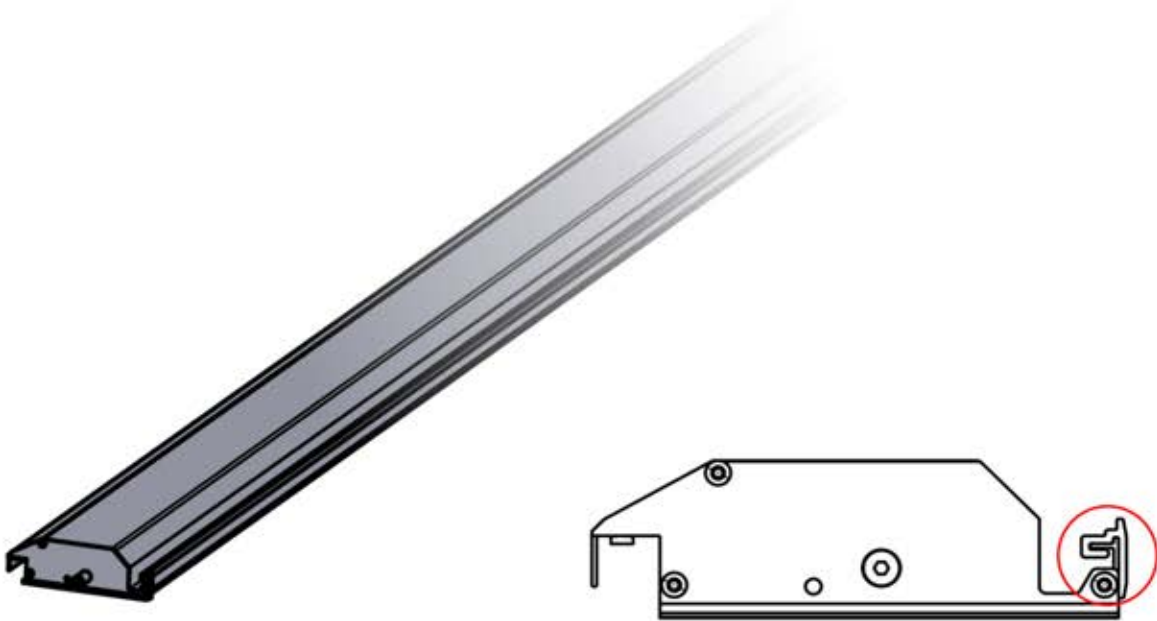


PN-200000826

2x



ITEMS IN BOX



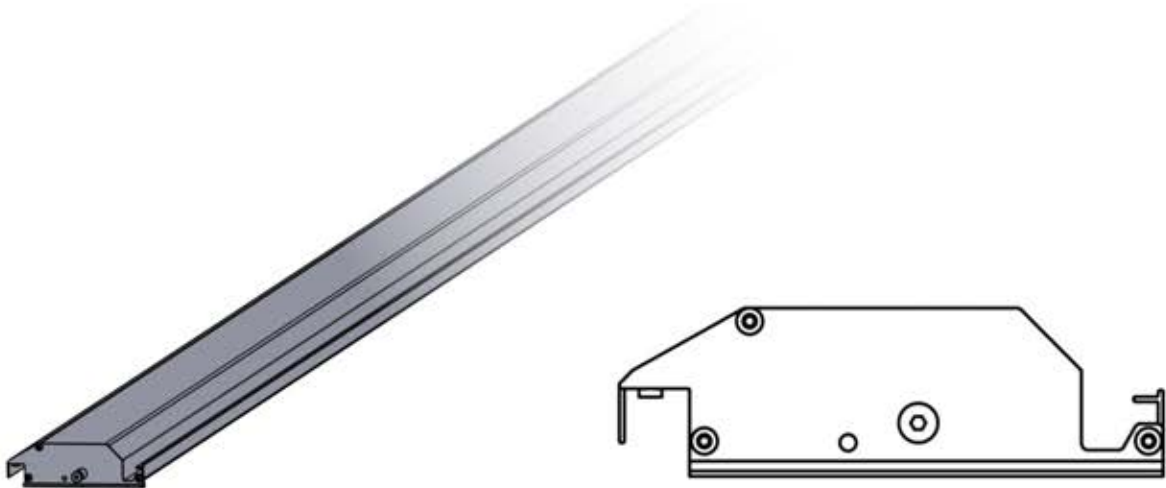


6

ANTHRACITE: B269
WHITE: B273
BLACK: B271

PLR 150 G2 PRO LOUVER END FS 4M
PACKAGE
PN-200002985

1x



Standard



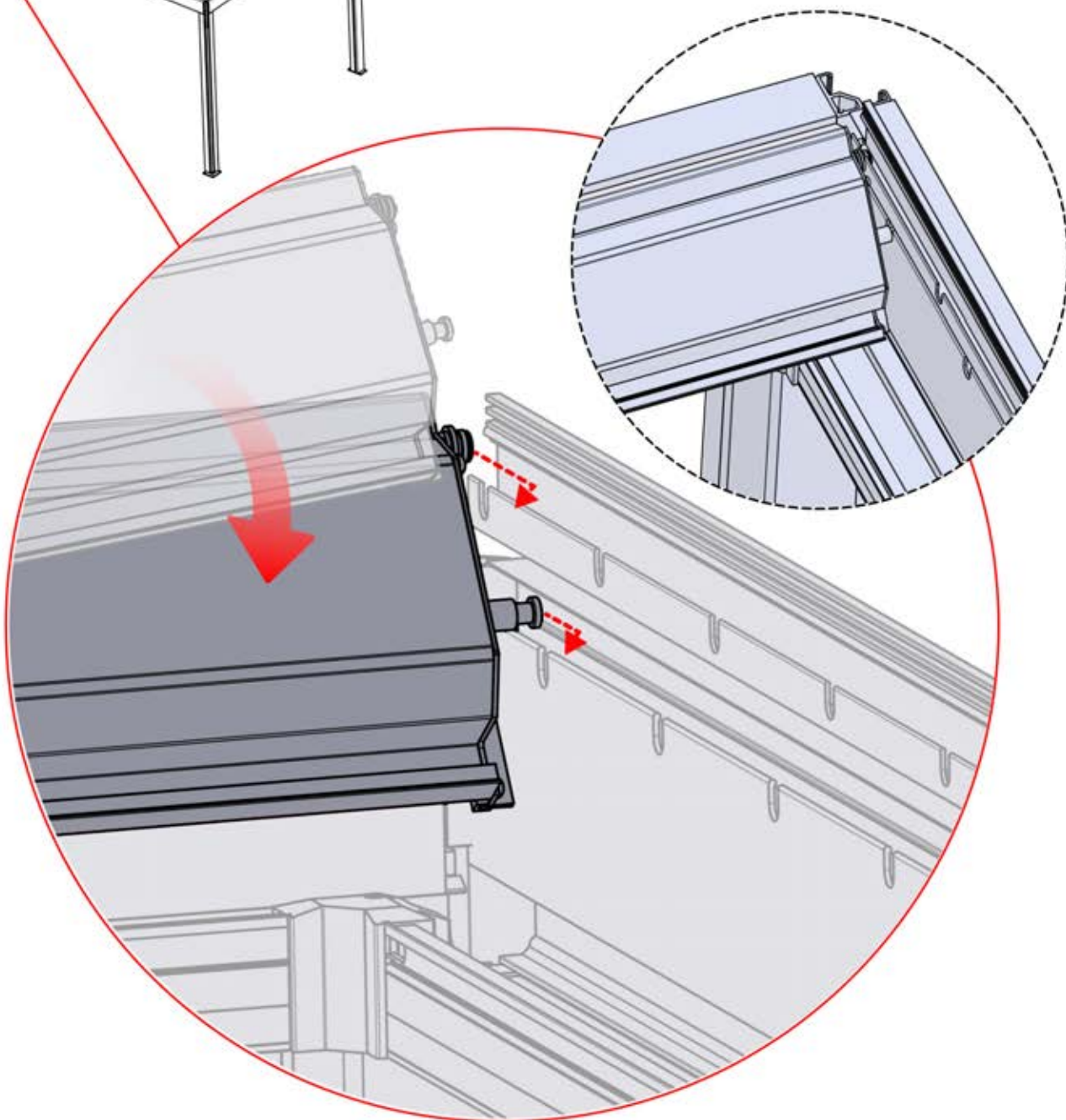
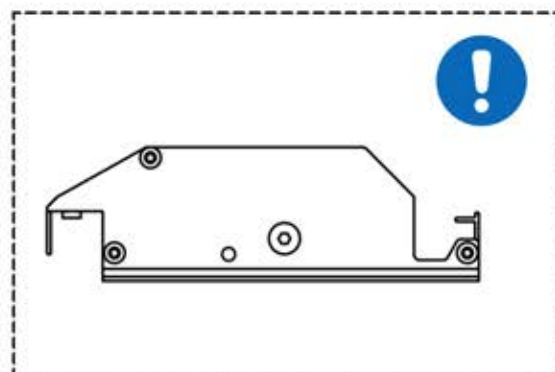
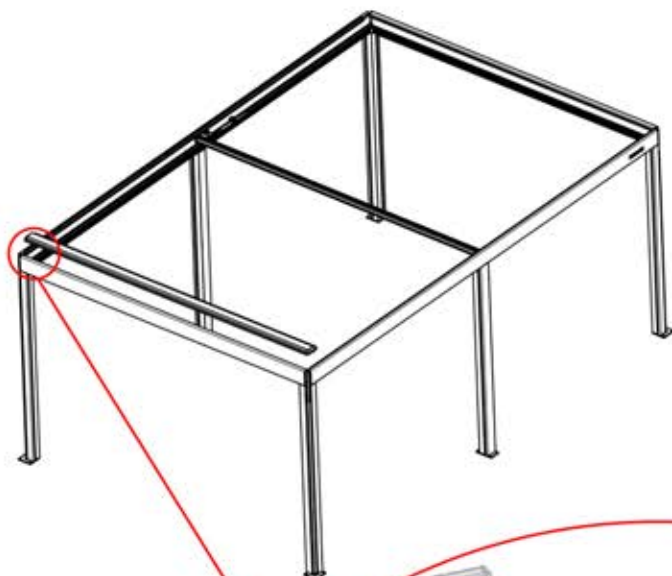
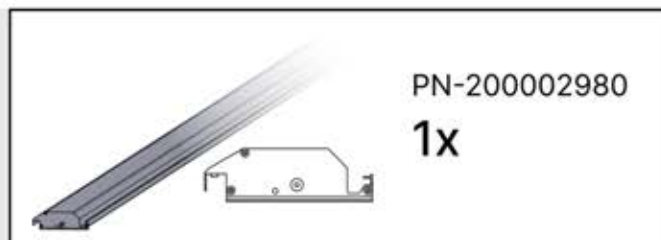
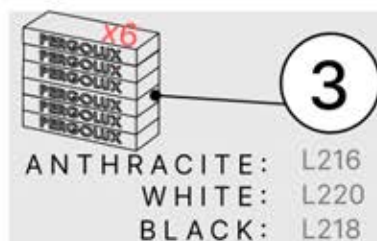
3

ANTHRACITE: L216
WHITE: L220
BLACK: L218

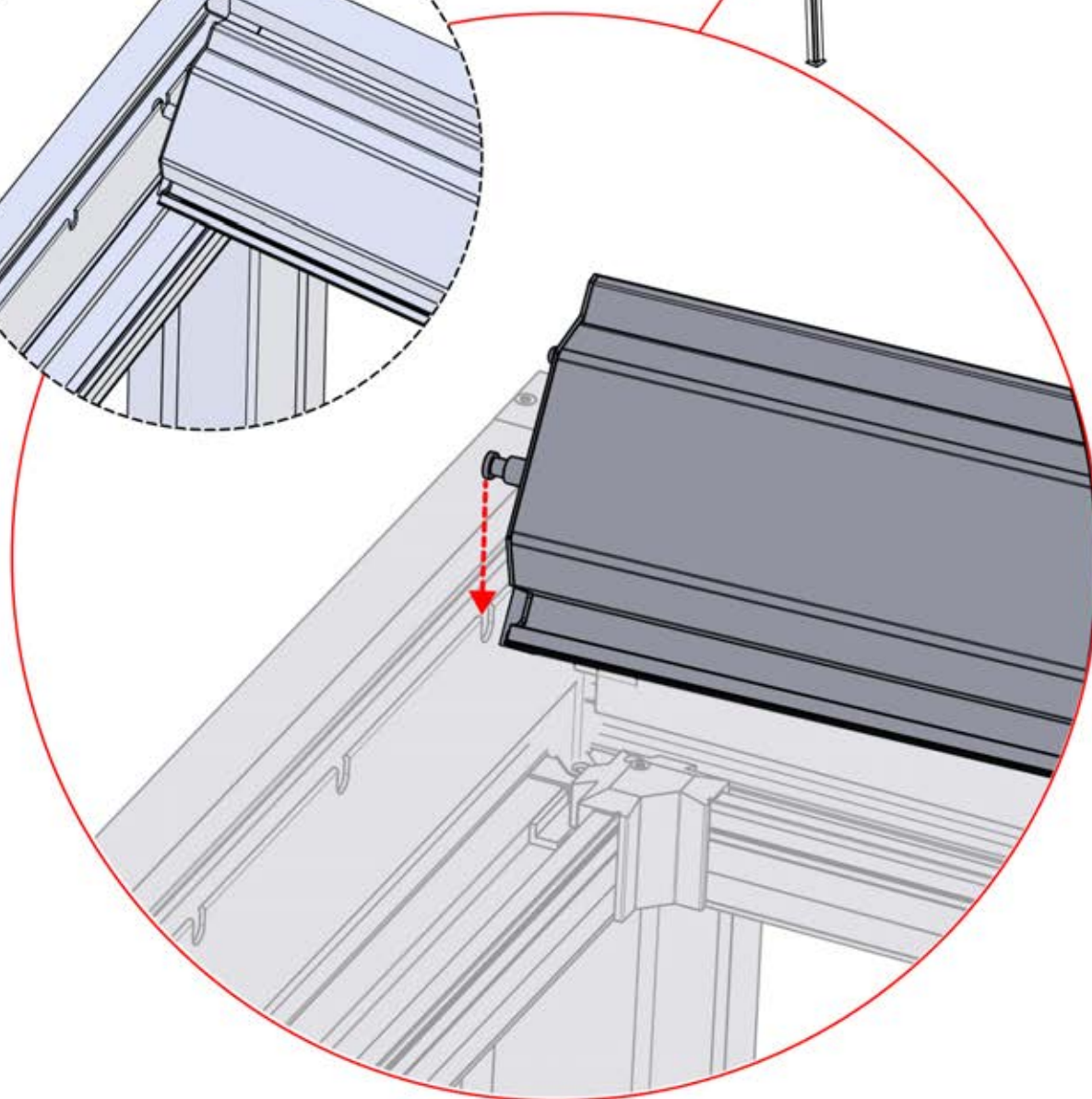
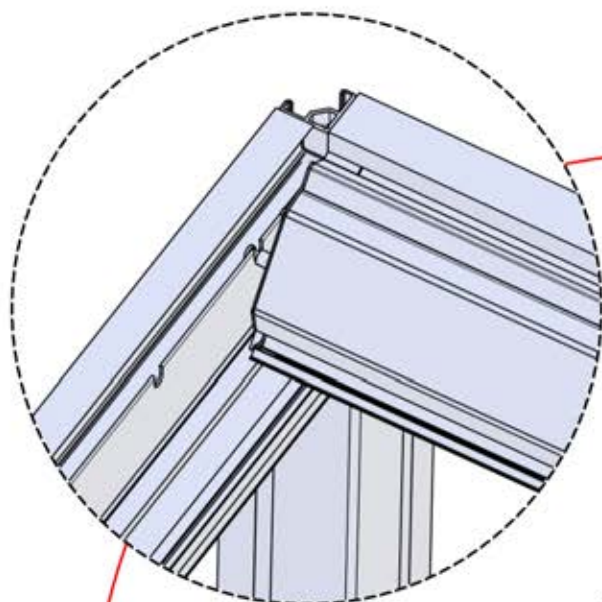
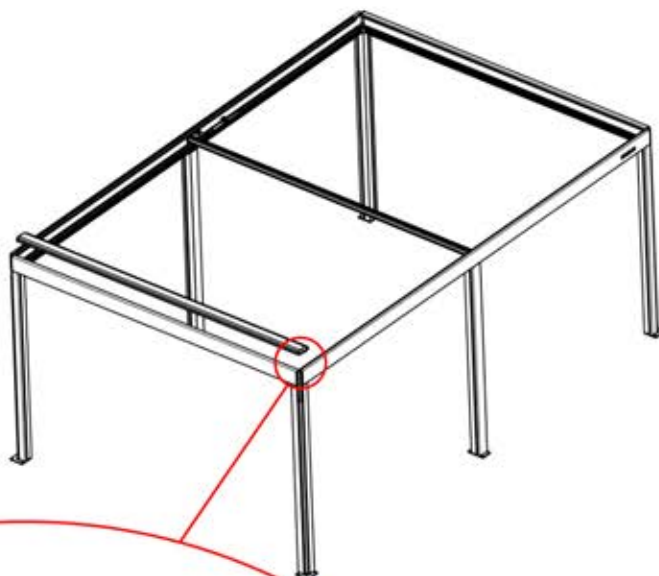
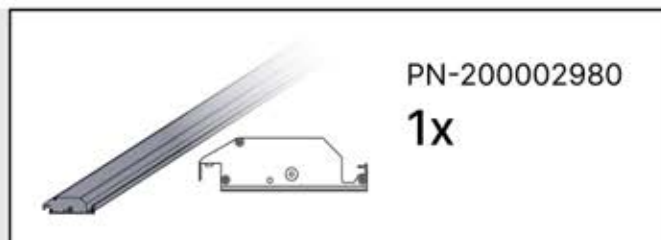
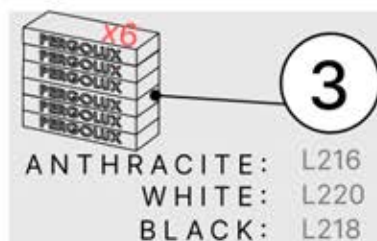
PLR 150 G2 PRO LOUVER STD FS 4M
PACKAGE
PN-200002980

37x

43



44



45

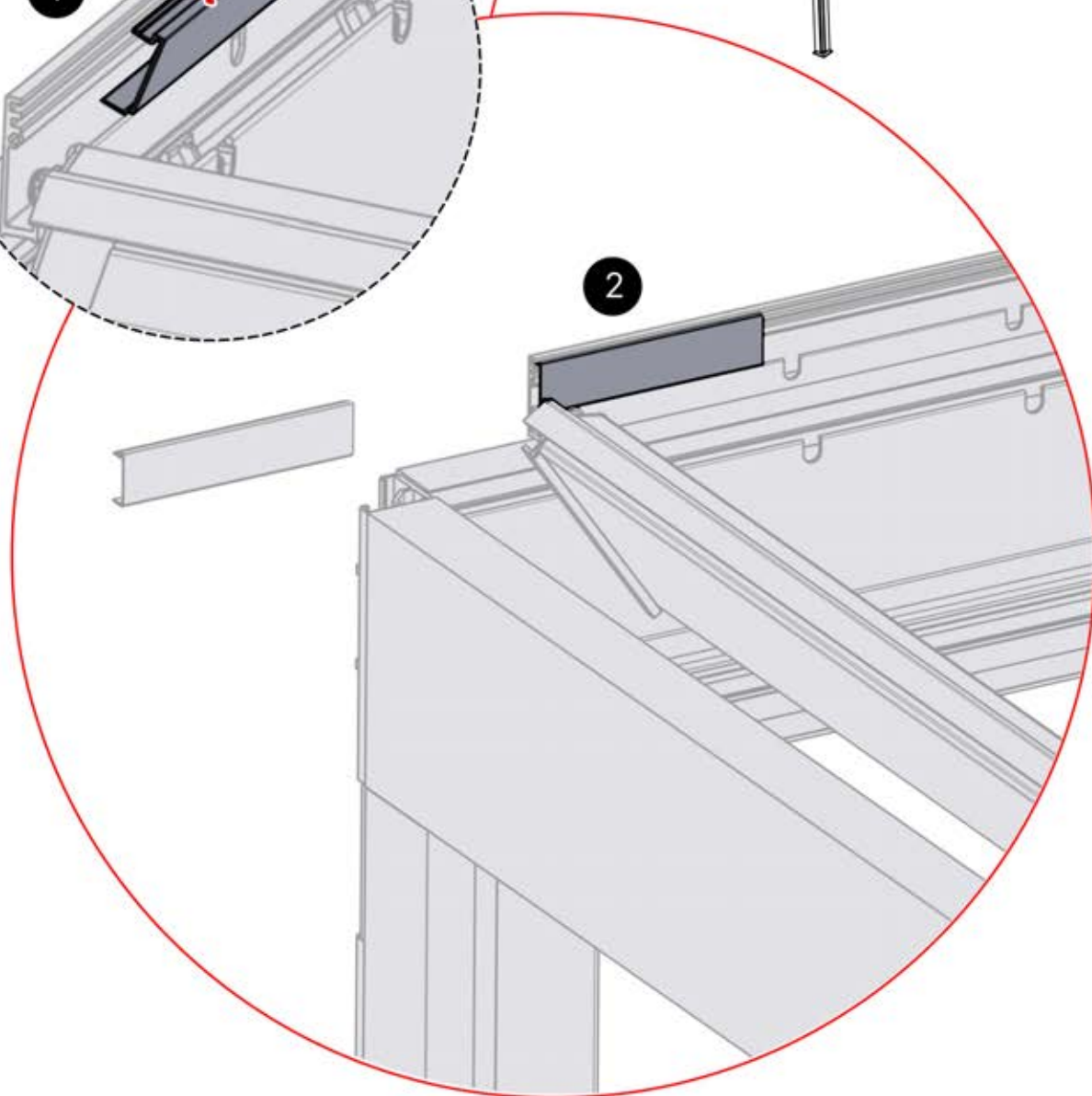
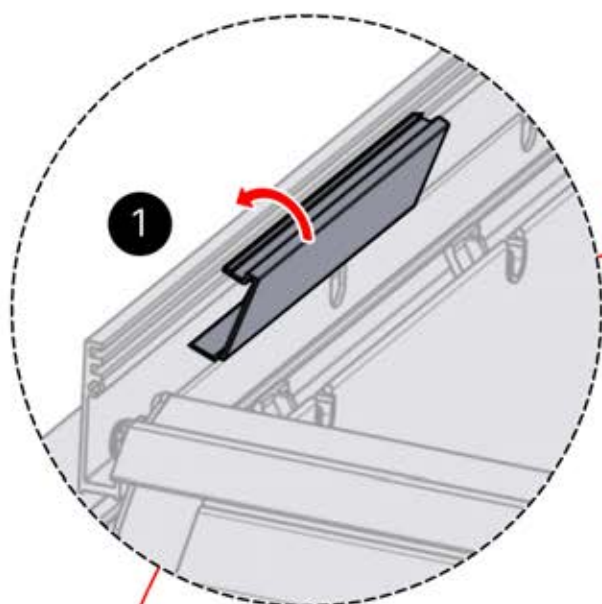
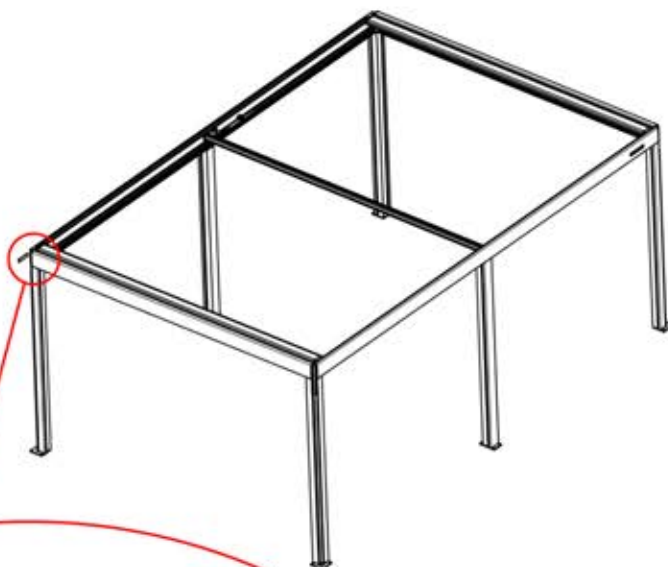


4

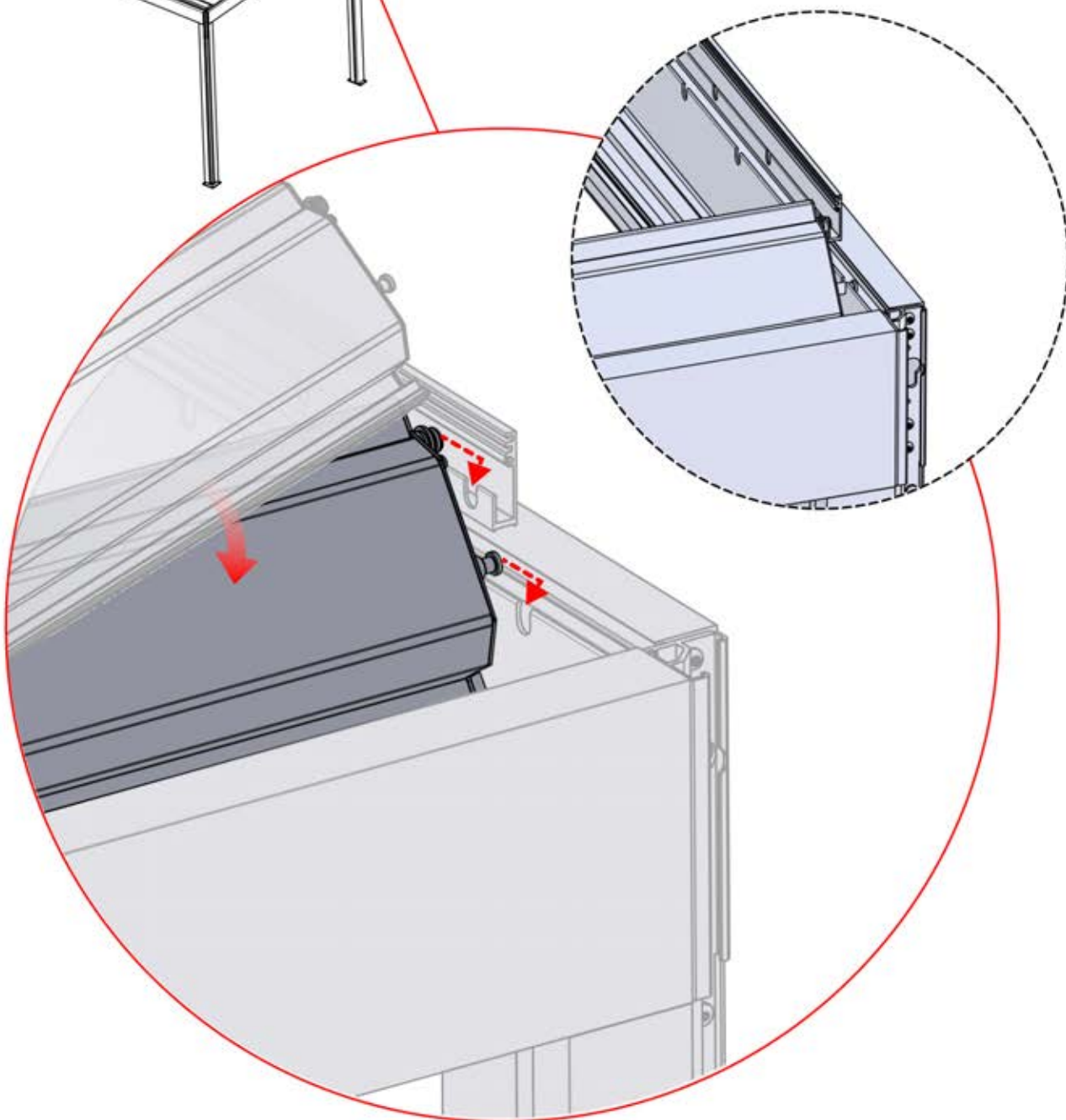
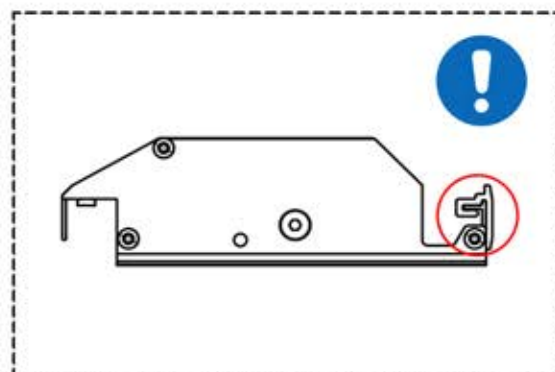
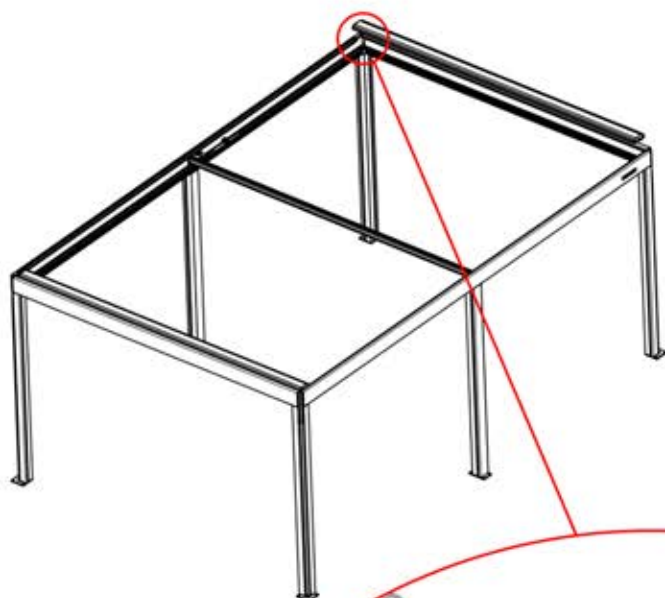
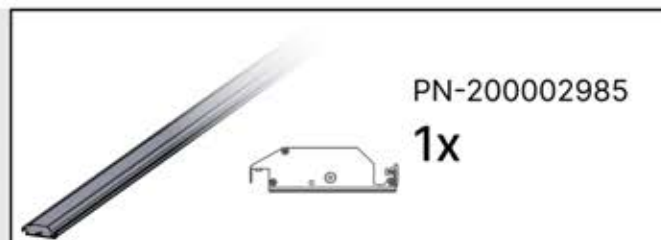
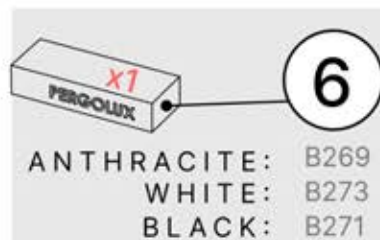
ANTHRACITE: B235
WHITE: B243
BLACK: B239



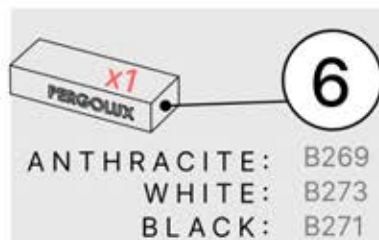
PN-200003033
1X



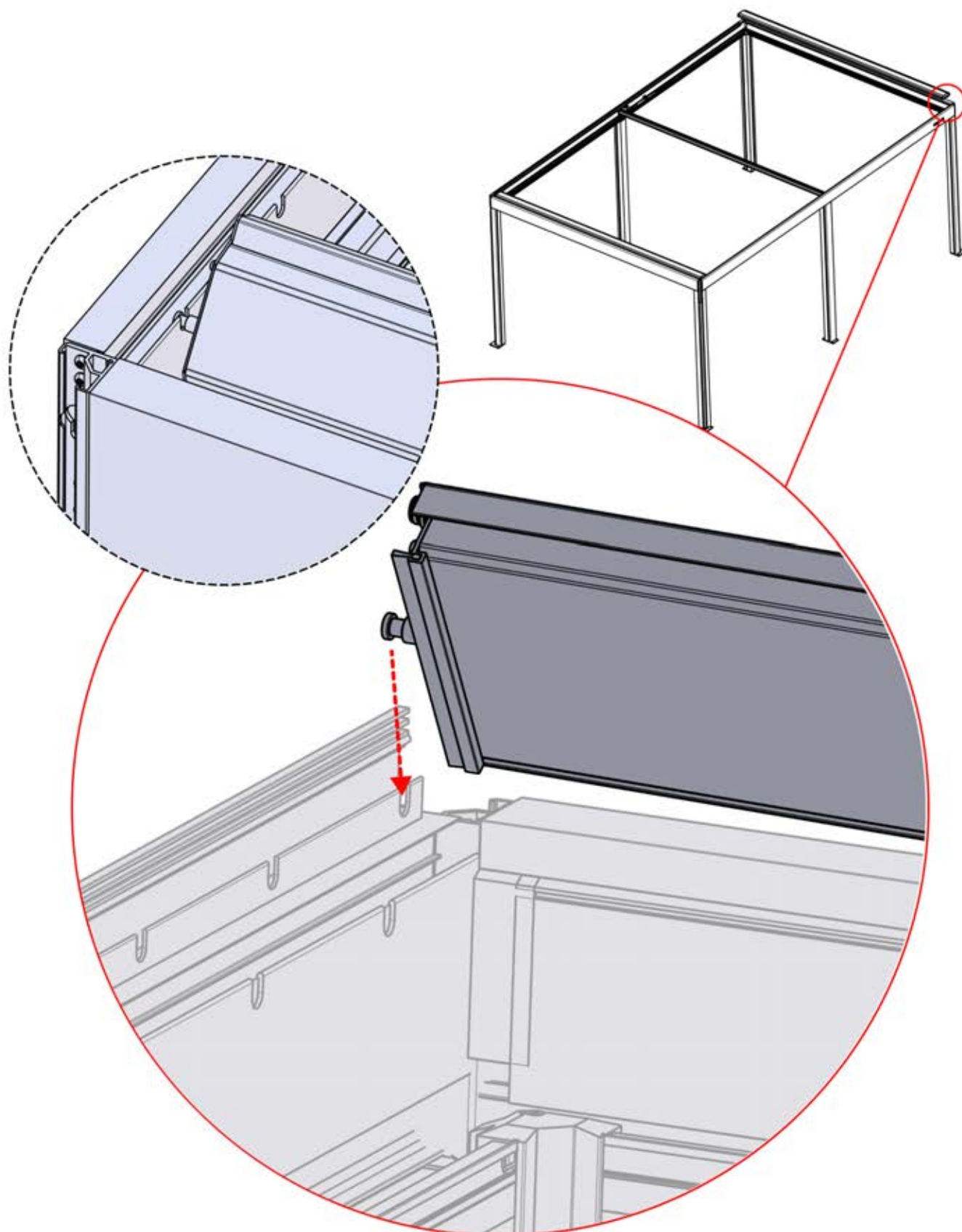
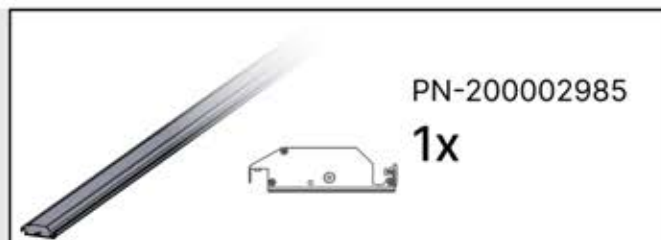
46



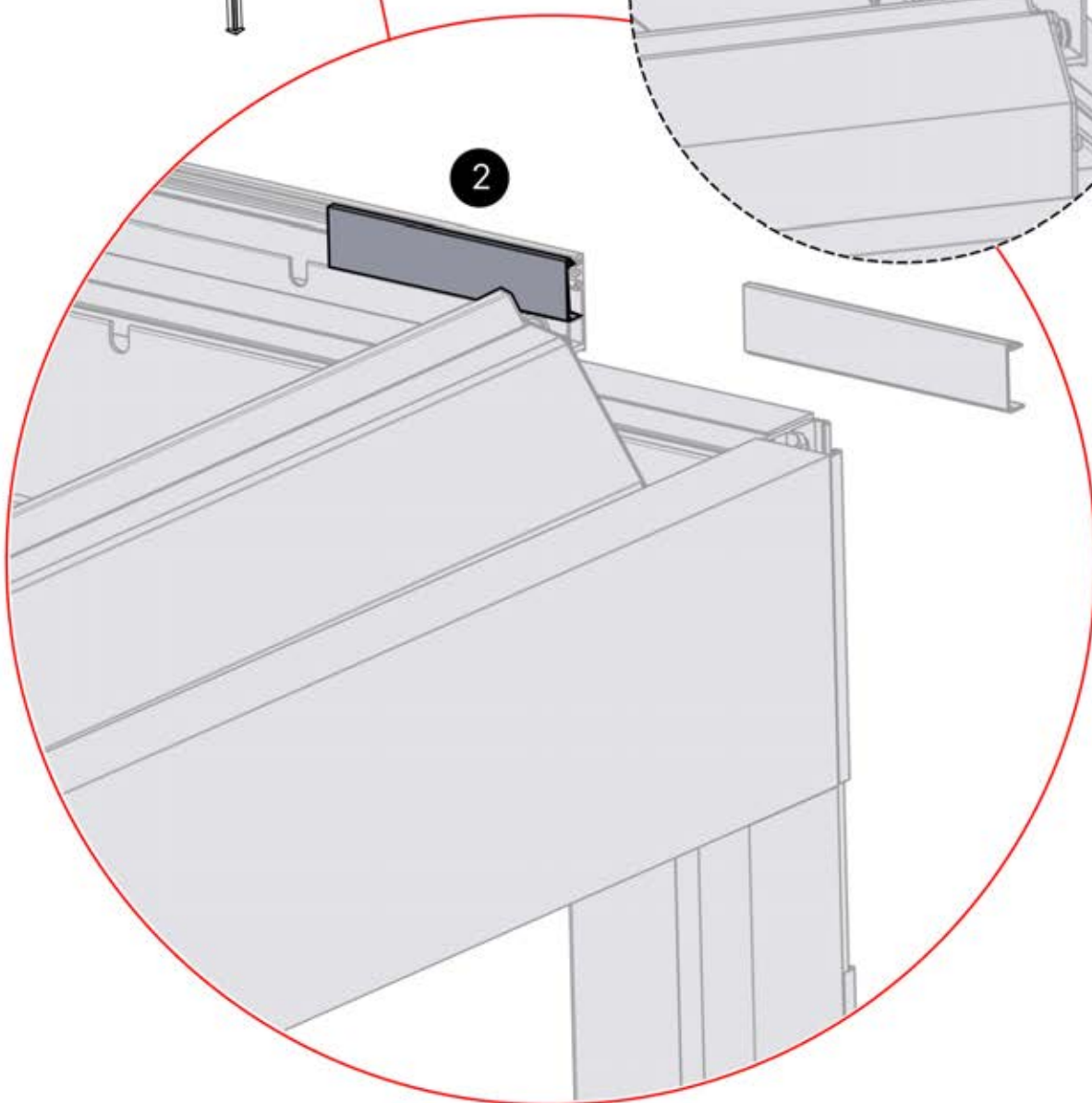
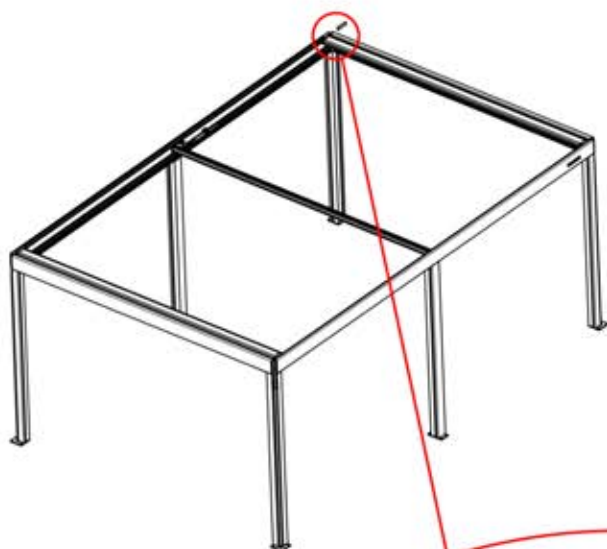
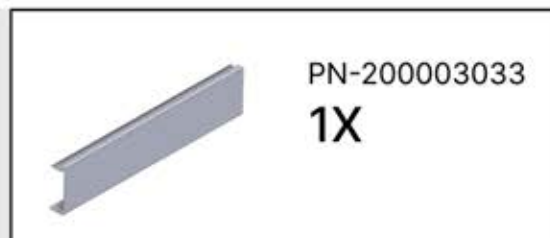
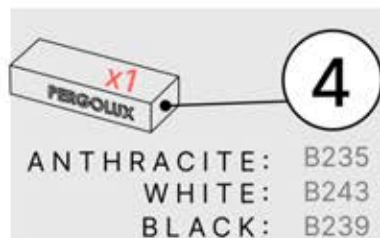
47



ANTHRACITE: B269
WHITE: B273
BLACK: B271



48



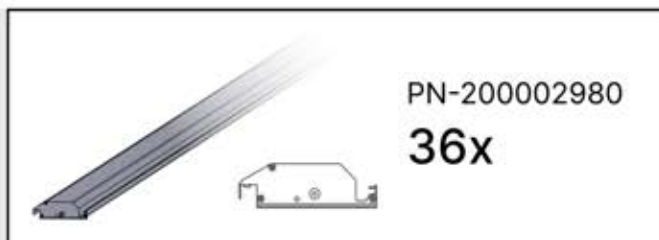
49



ANTHRACITE: B269
WHITE: B273
BLACK: B271

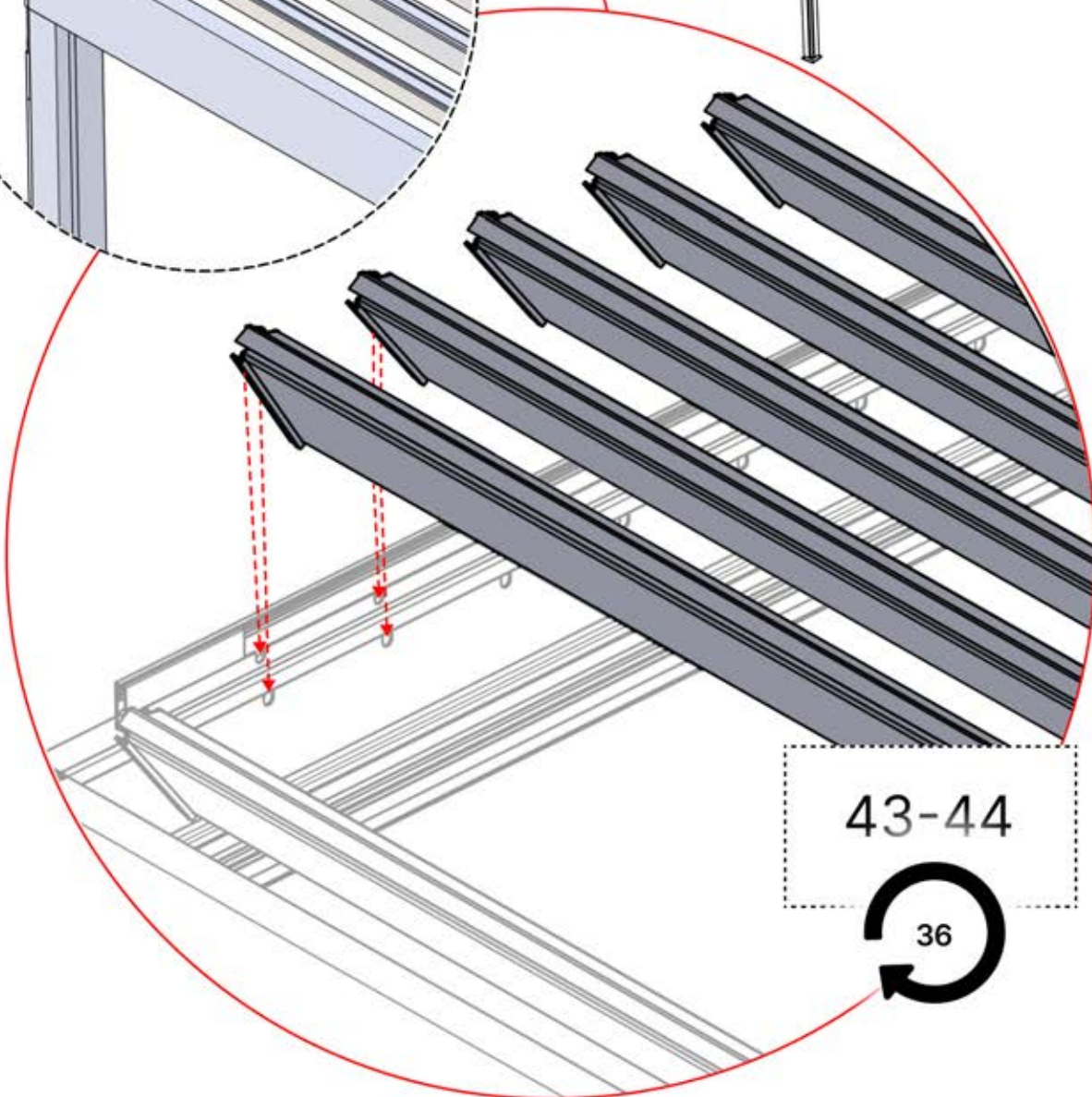
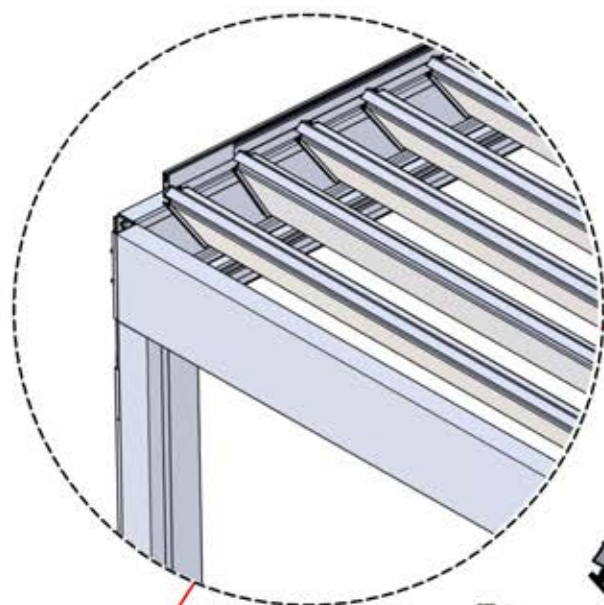
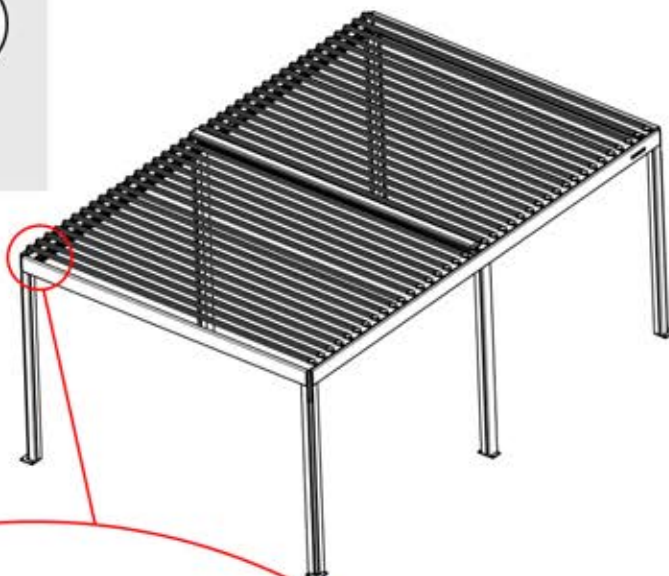


ANTHRACITE: L216
WHITE: L220
BLACK: L218



PN-200002980

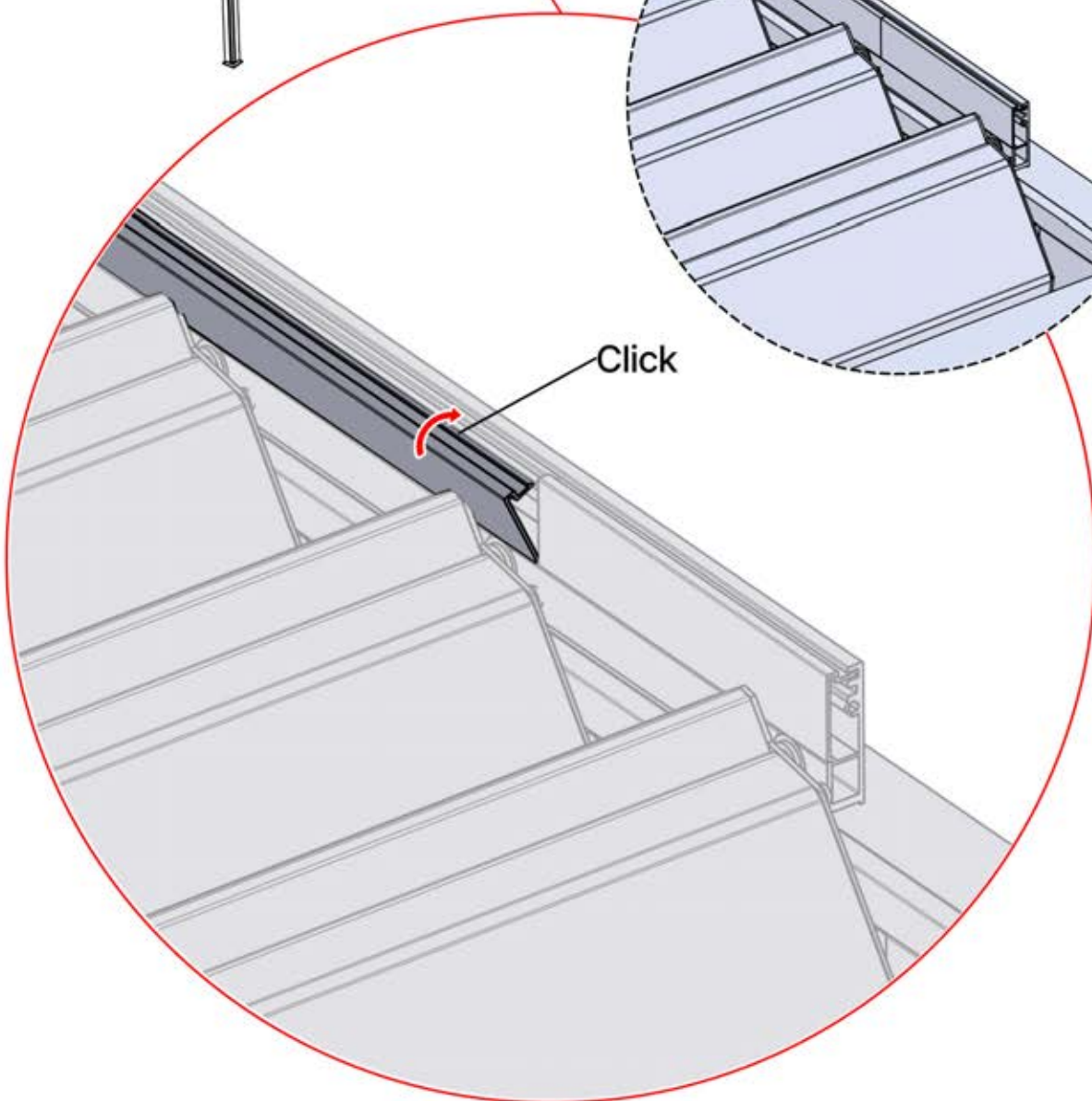
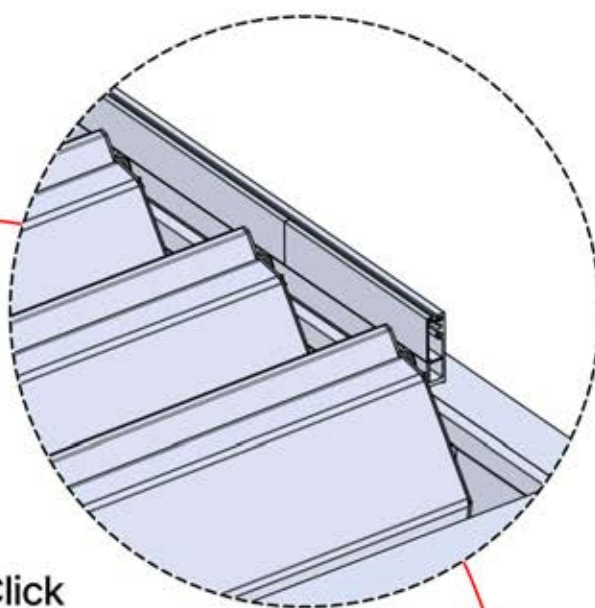
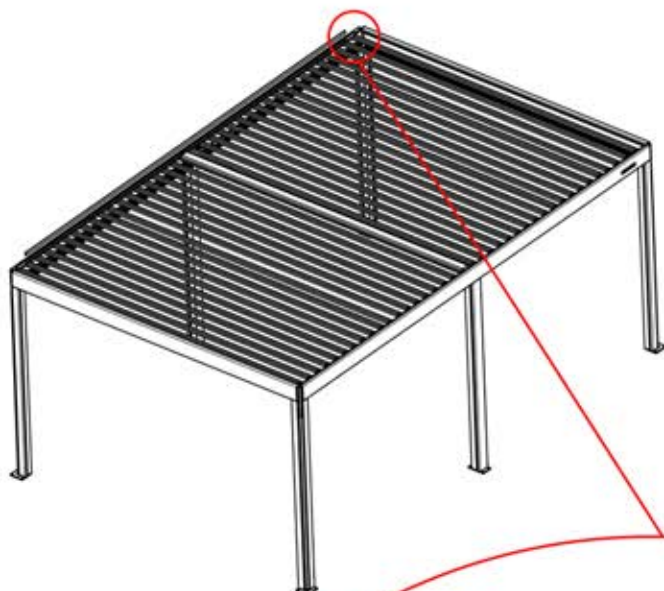
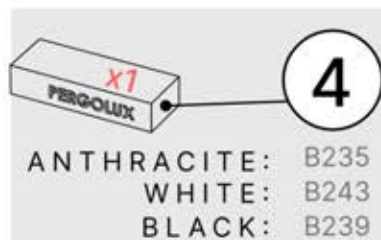
36x



43-44



50

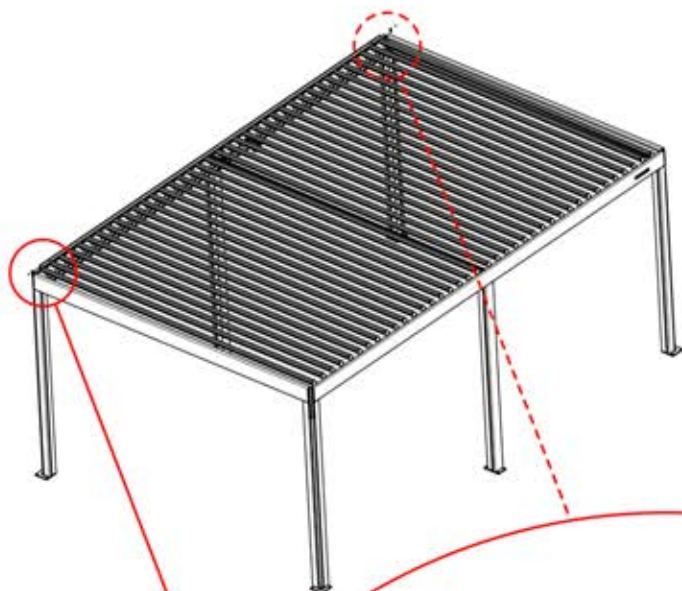


51



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



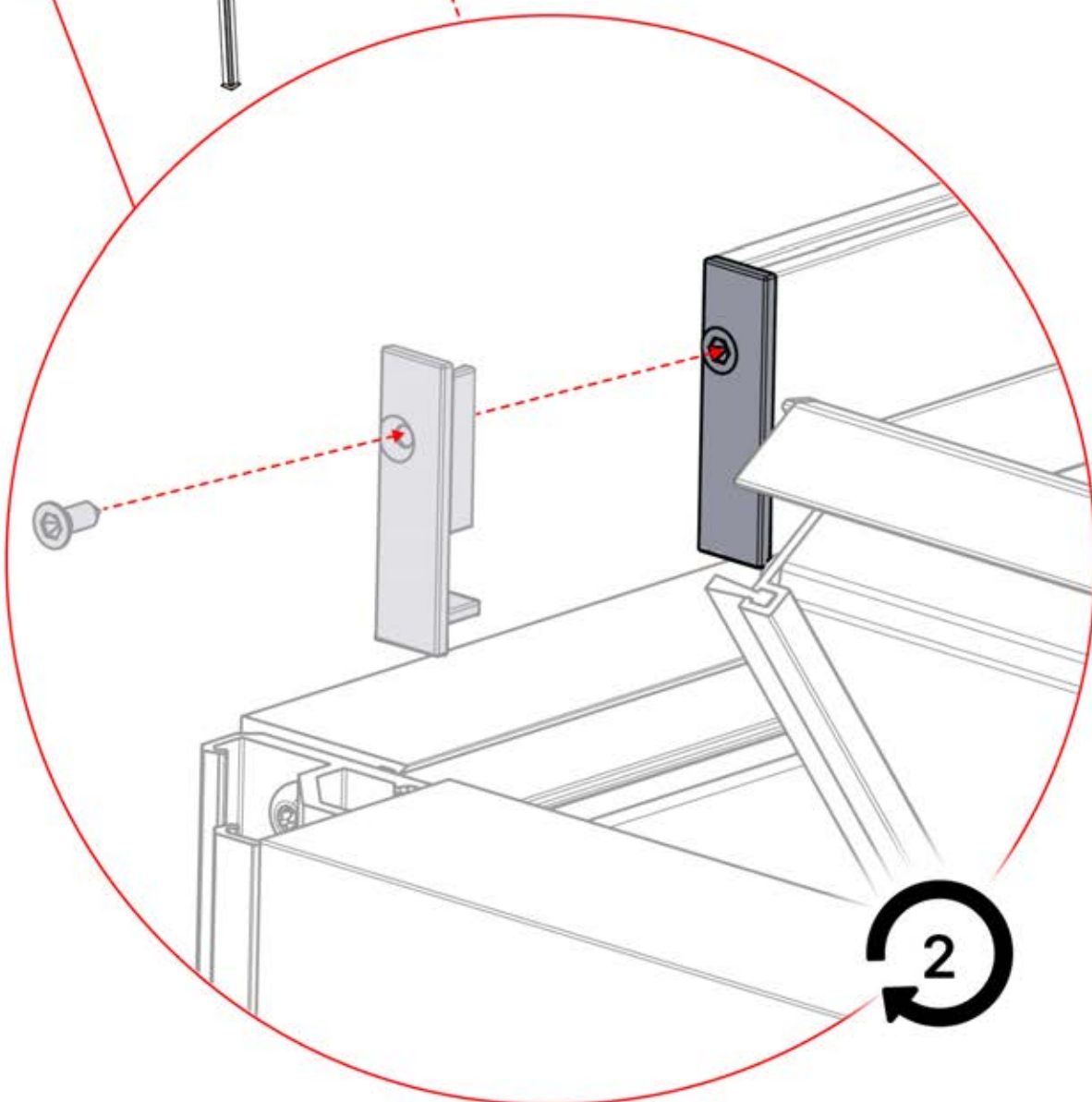
PN-200003030
1x



PN-200003031
1x



PN-200001207
2x



52



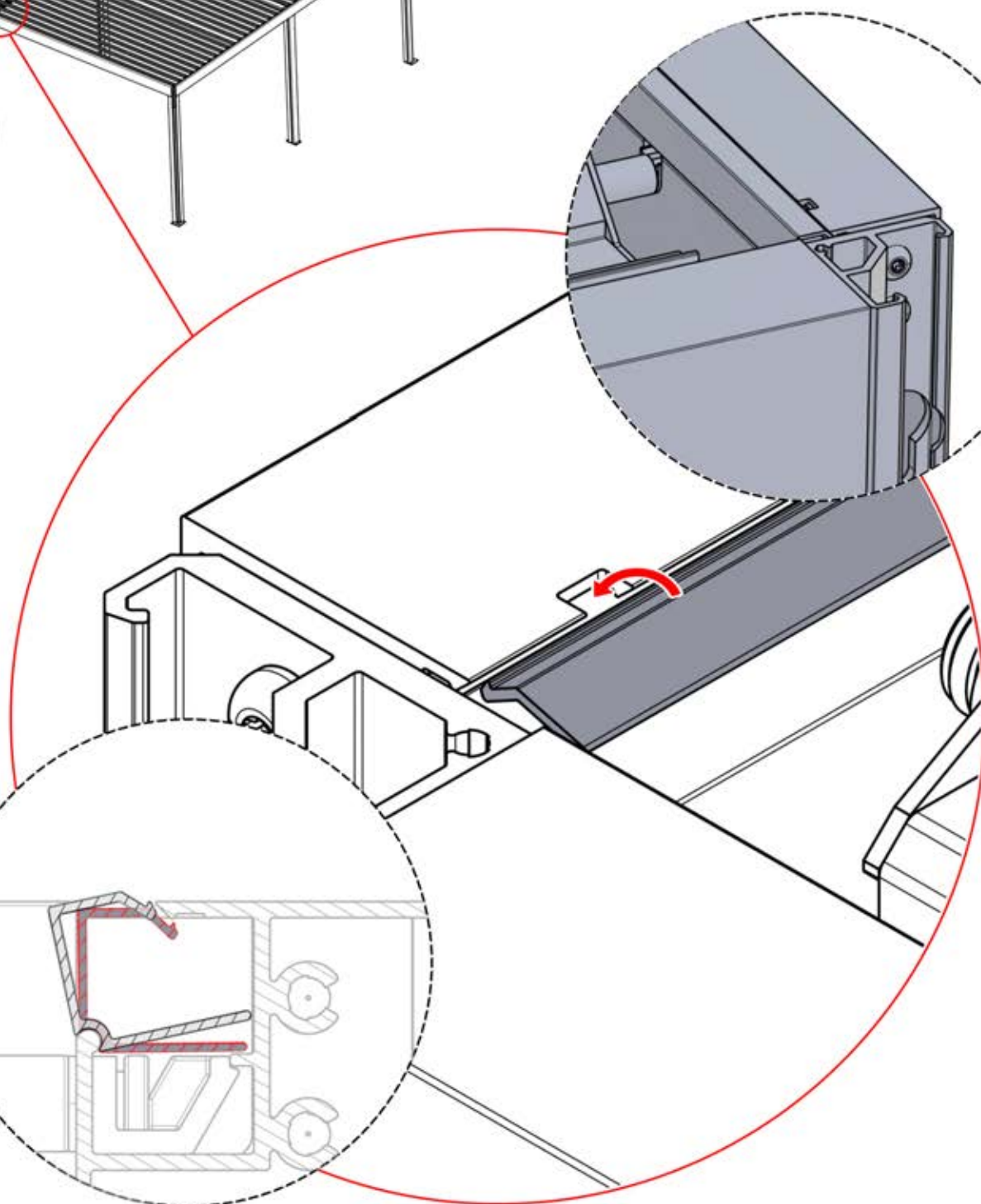
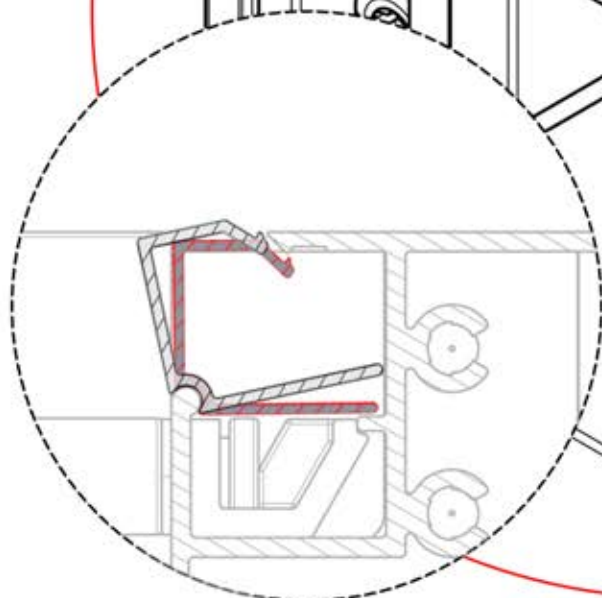
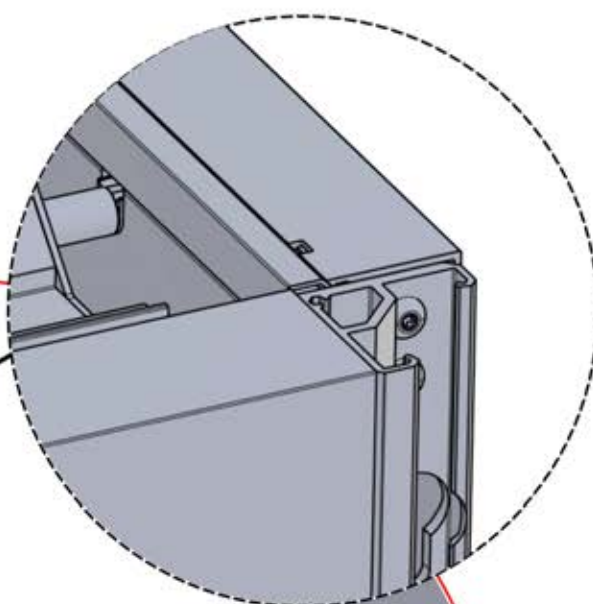
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200002863

1x

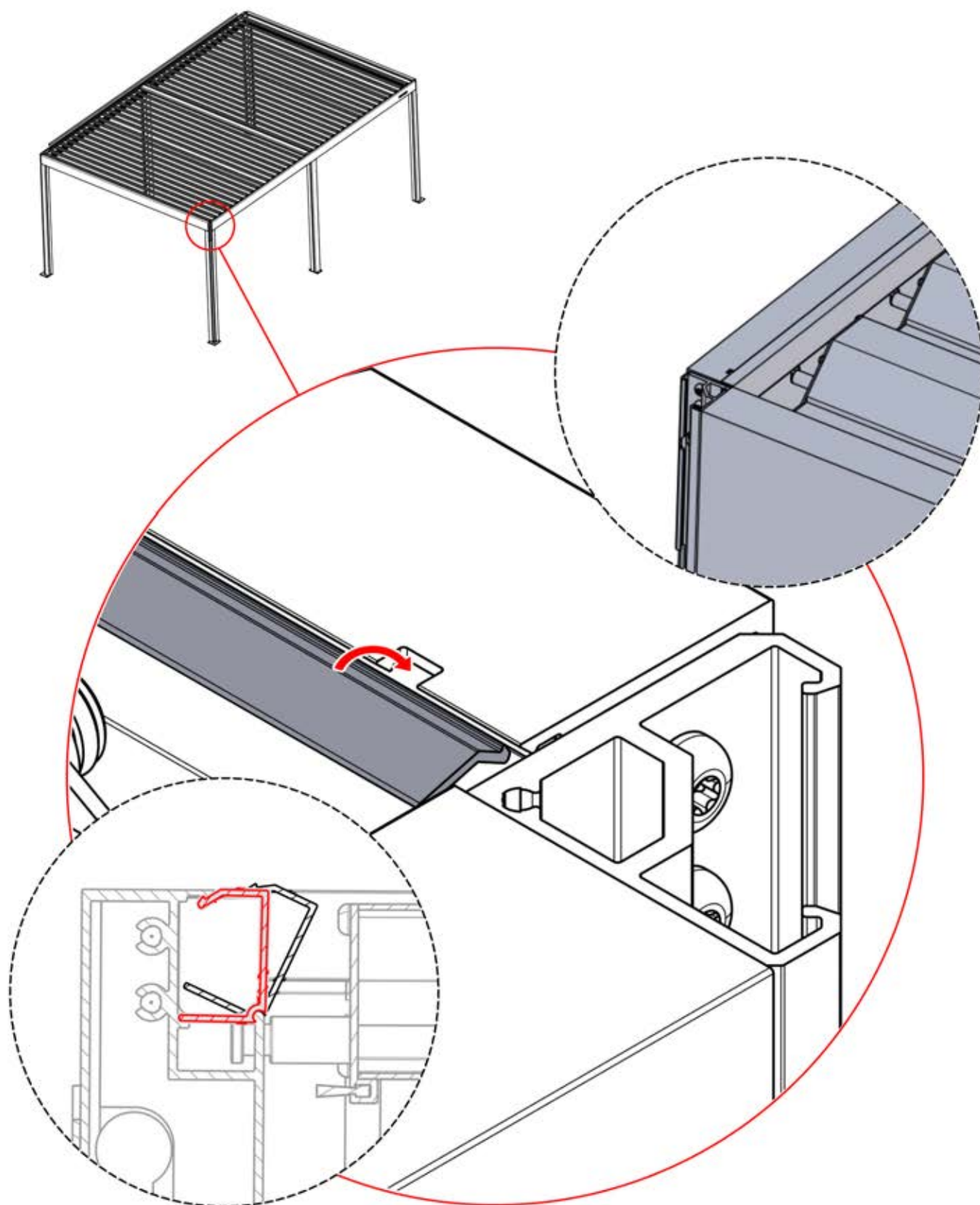
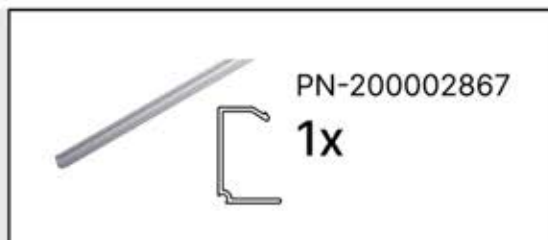


53

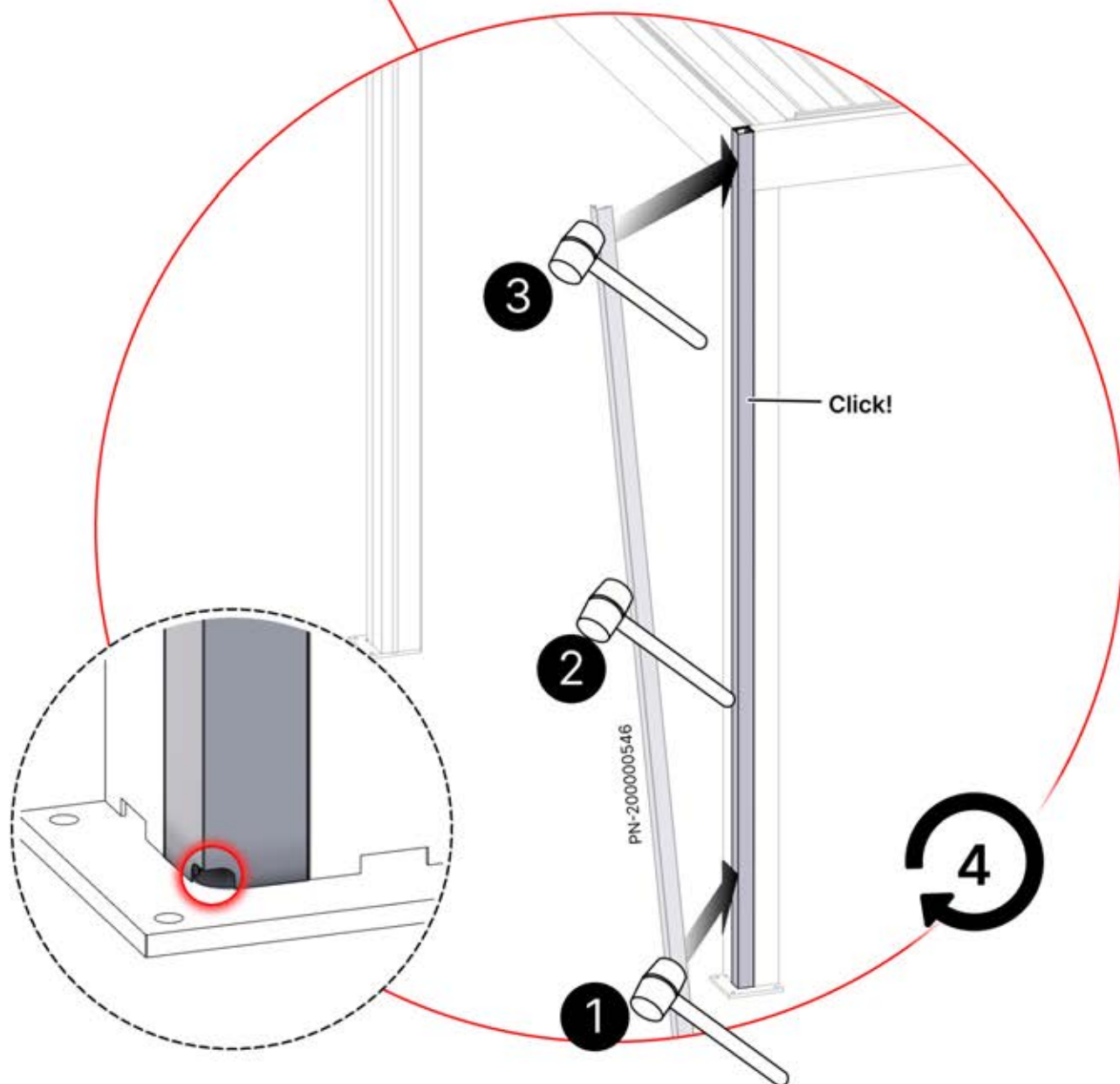
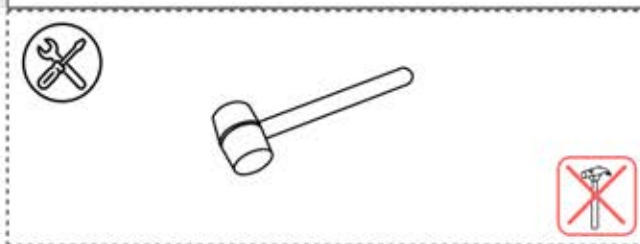
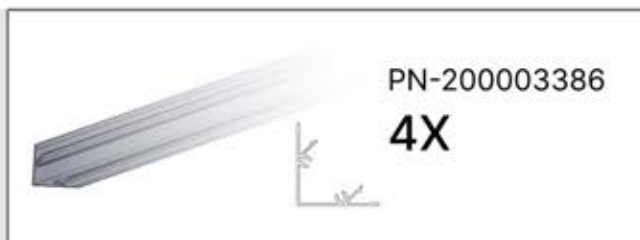
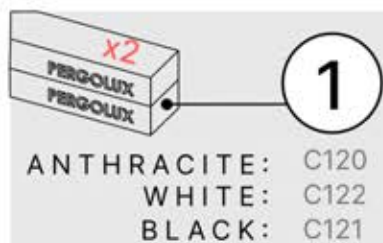


4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



54

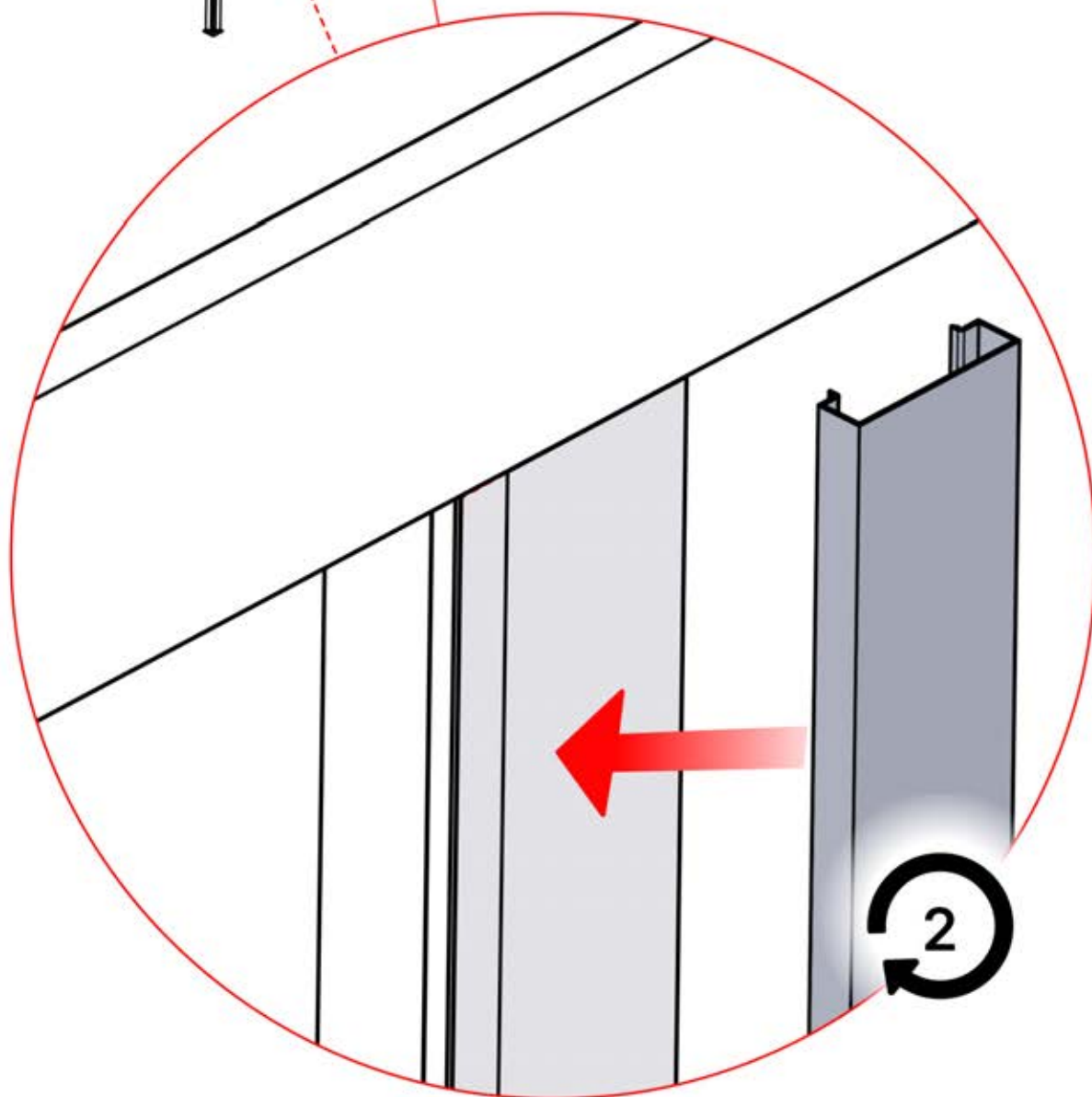
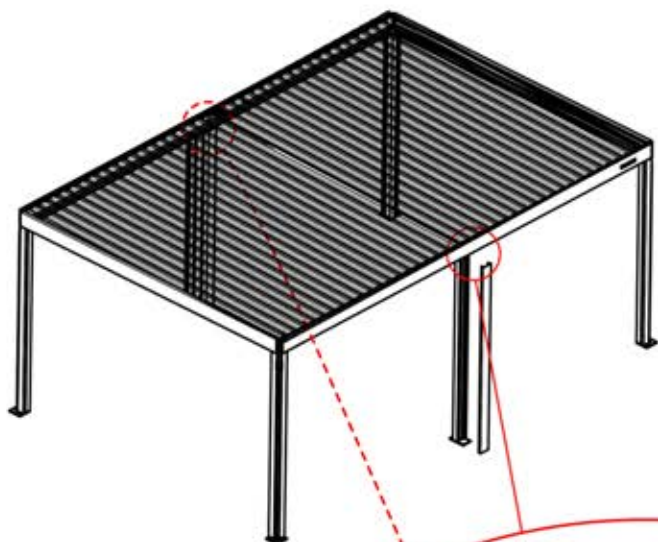
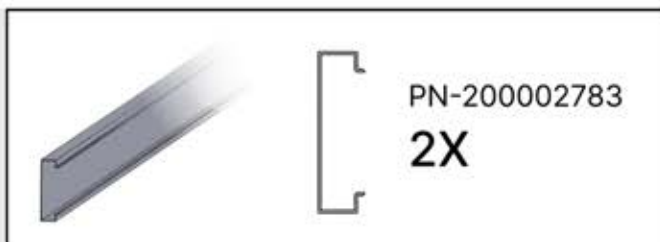


55

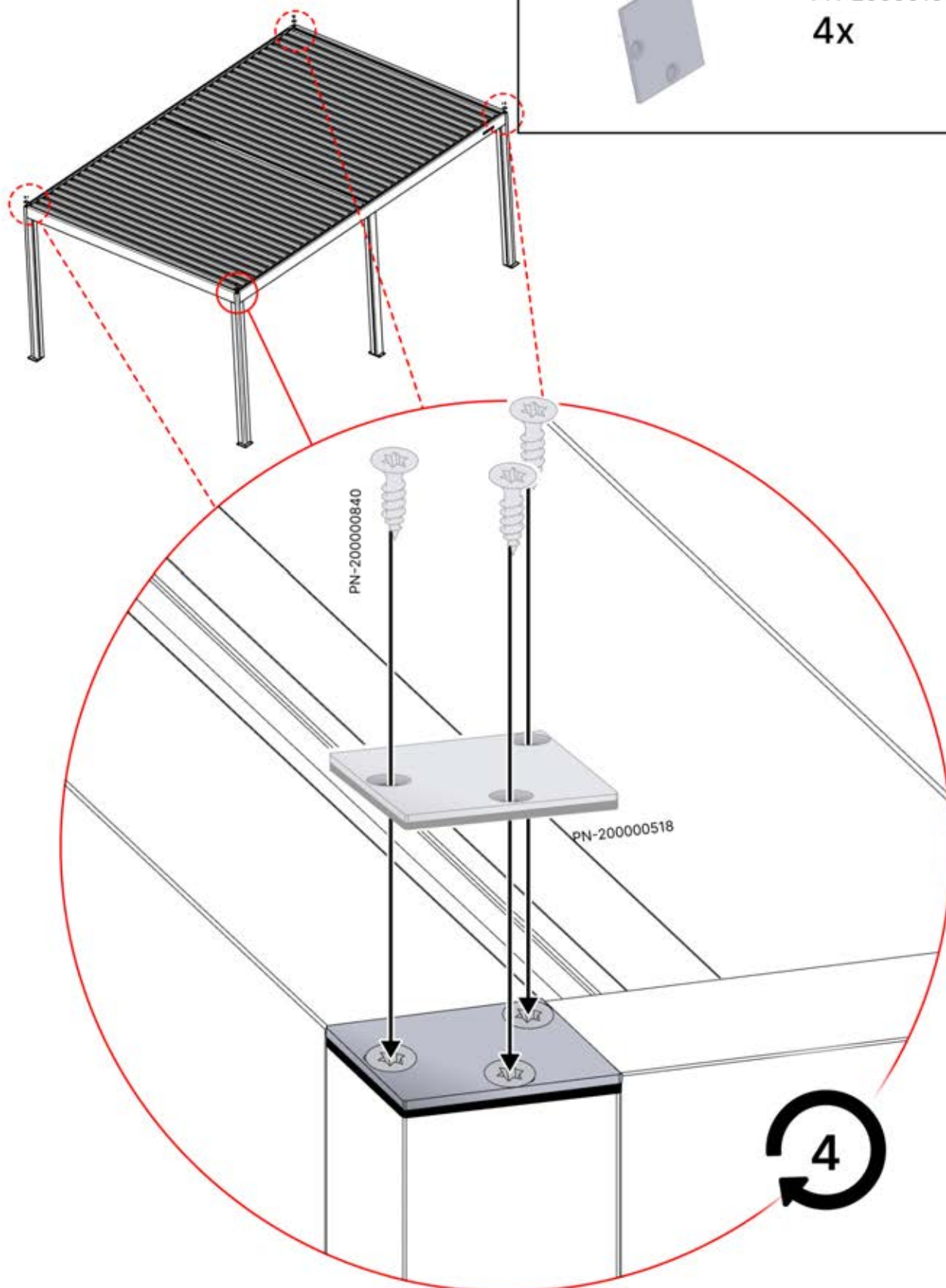
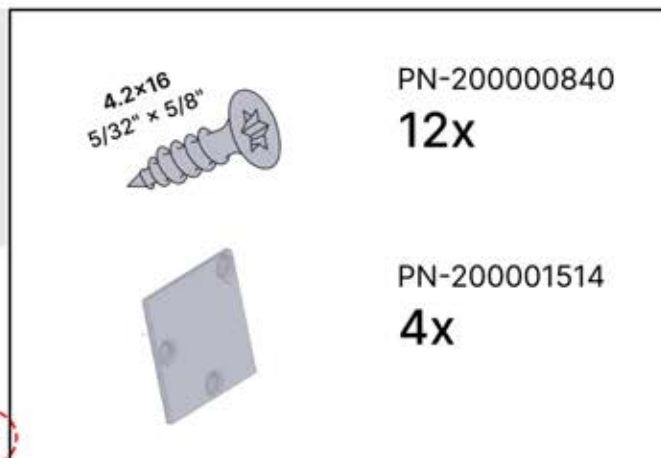
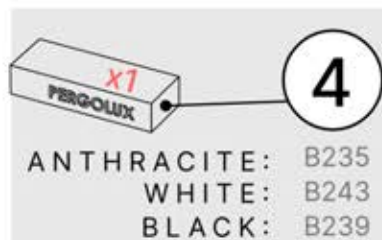


2

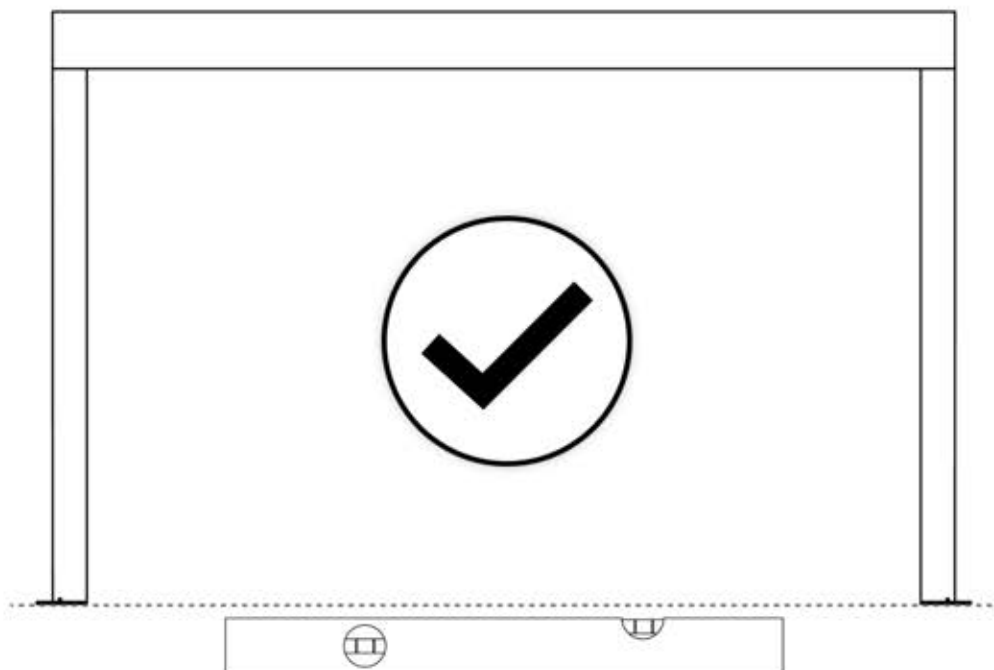
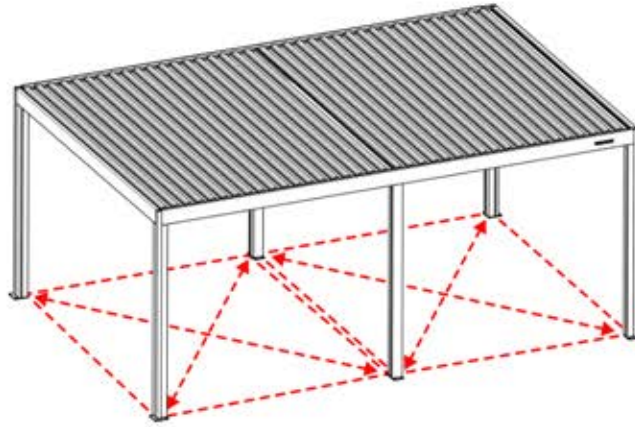
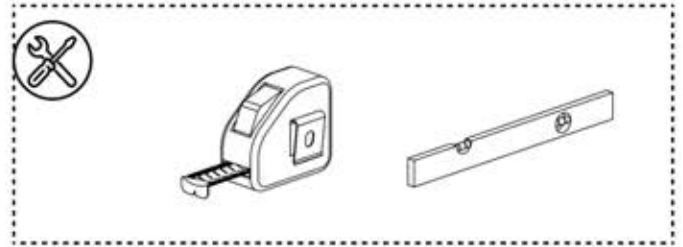
ANTHRACITE: C123
WHITE: C125
BLACK: C124



56



57



58



Use on
concrete



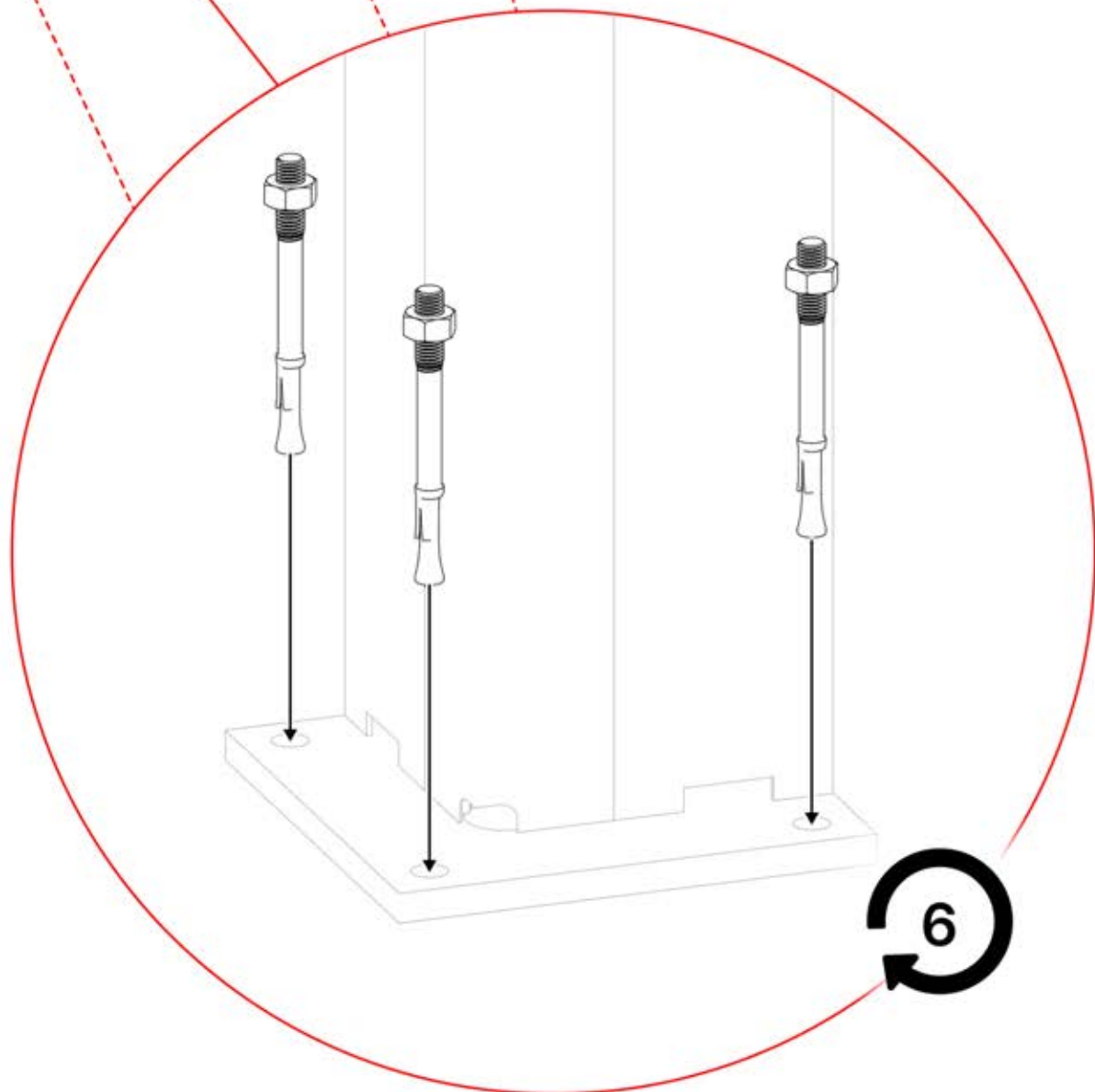
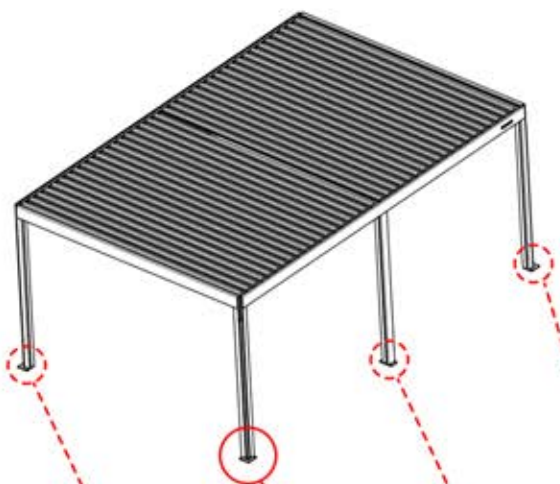
x12



Use on
wood

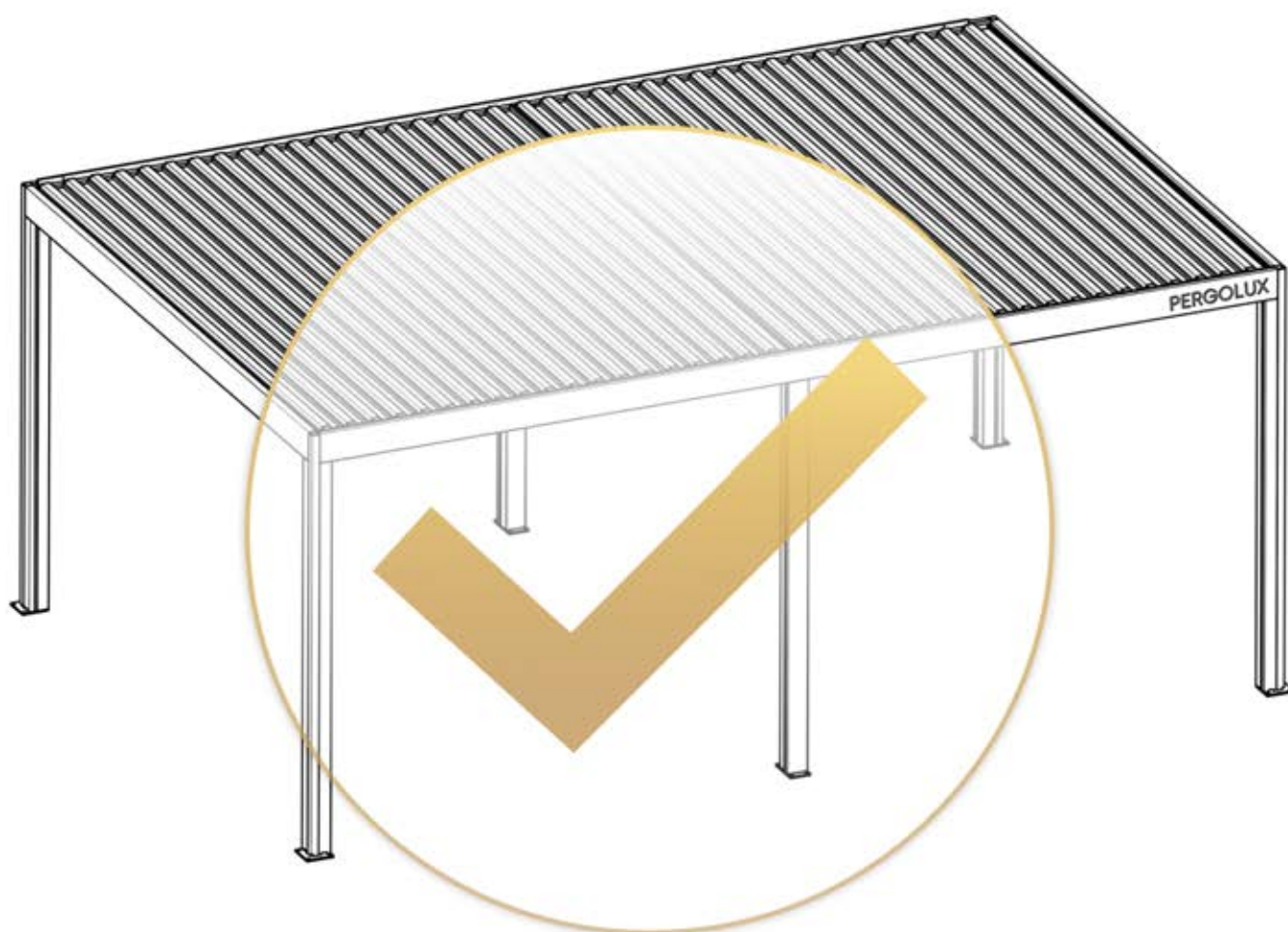


x12



PERGOLUX | PERGOLA PRO FREESTANDING S4

4 × 6 M / 13' x 19'



Type Approved
Regular
Production
Surveillance

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