

Luxury Series Retractable Pergola Systems

REAL PERGO











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Pergola Systems








Pergola Systems

Pergola derives from the Latin word "pergule" meaning fringe and is used in the Italian language to mean a canopy. Pergolas are products that can be fully opened when desired, and can be completely closed when desired, which are made to create a shade area by closing the openings in the form of horizontal, twisted and roof. Awning; Thanks to the motor on the top of the system, it moves with the wheels on the rail profile. The motor transmits the movement with a steel belt. Thus, the rotating motor enables the awning to move up and down. The system can be used as a winter garden by covering it with sliding, folding and guillotine glass products.

BLOCKOUT PVC FABRIC

Color: **Cream / Grey / White / Green / Anthracite Grey / Burgundy**

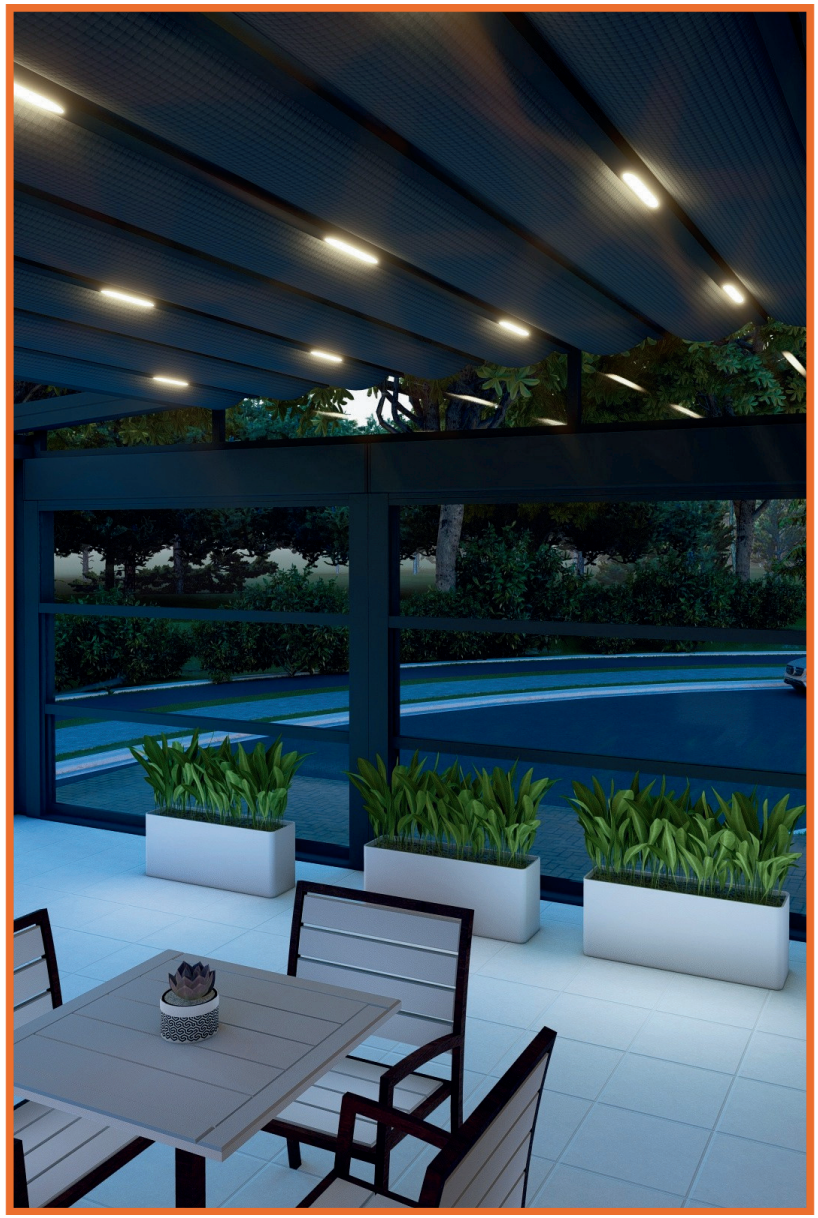
Test Standard: **FS 5100, FS 5134**

Test Date:: 12/15/20218

Explanation		Unit	Standart	Test Result
WIDTH		CM	+/- 0,5	300
WEIGHT		g/m^2	+/- 20 g/m^2	800
TENSILE STRENGTH	Warp	N/5 CM	2800	3210
	Weft	N/5 CM	2800	3226
TEAR STRENGTH	Warp	N	300	409
	Weft	N	300	387
ADHESION		N/5 CM	100	170
ANTI-FIRE		YES		

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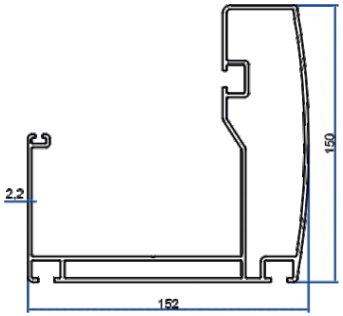
Coated Technical Textiles Blackout Data Sheet



Width	300 cm	Testing Method
	118 inch	
Base Fabric	%100PES	
	1100 Dtex 9x9	DIN EN ISO 2060
Total Weight	800 g/m²	DIN EN ISO 2286-2
		BS 3424 Method 5A
	23.6OZ/YD2	
Composition Fabric	200 g/m²	
	5.9 OZ/YD2	
Composition Coating	600 g/m²	
	17.7 OZ/YD2	
	PVC + Blockout + Acrylic	
Surface	Magic Square	
Breaking Strength Wrap	3000 N/5cm	
	675 LBS/2inch	
Breaking Strength Weft	2800 N/5cm	DIN 53 354
		BS 3424 Method
	630 LBS/2inch	FS 5100
Tear Strength Warp	300 N	DIN 53 354
		BS 3424 Method
	67 LBS/2inch	FS 50100
Tear Strength Welt	280 N	DIN 53 354
		BS 3424 Method
	63 LBS	FS 5134
Adhesion	130 N/5cm	DIN 53 363
		BS 3424 Method 9B
	29LBS/2inch	FS 5970
Temperature Resistance	-30 C/ +70 C	DIN EN 1876-2
		BS 3424 Method 10
		FS 5874
Light Fastness (Except White)	7-8	DIN EN ISO 877
		BS 3424 Method 15
Flammability (Optional)	81,82,M1,M2,CL2	DIN 75200
		NFPA-701
		CSFM Section 1311
Application	Tent,Awning	

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Profile details

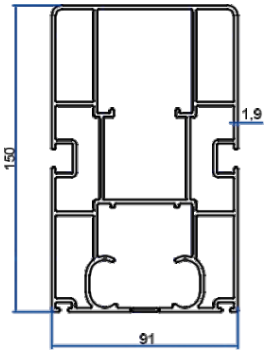




Large Gutter

Product Code: PRGL-1801

Weight kg/m: 4,398
(152 x 150 x 2,2mm)

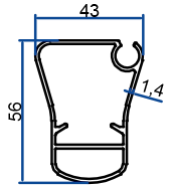




90 x 150 Rail

Product Code: PRGL-1802

Weight kg/m: 5,217
(91x150x1,9 mm)



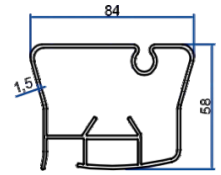


Thin Cornice

Product Code: PRGL-1805

Weight kg/m: 0,845
(56 x 43 x 1,4mm)

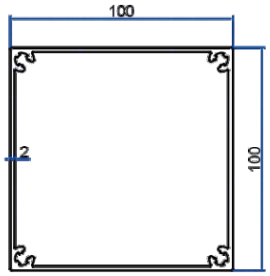




Thick Cornice

Product Code: PRGL-1808

Weight kg/m: 1,867
(84 x 58 x 1,5mm)

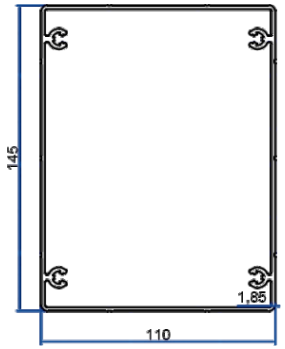




100 x 100 Pole

Product Code: PRGL-1804

Weight kg/m: 2,463
(100 x 100 x 2 mm)



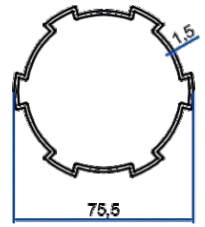


110x 145 Pole

Product Code: PRGL-1803

Weight kg/m: 3,044
110 x 145 x 1,85mm)





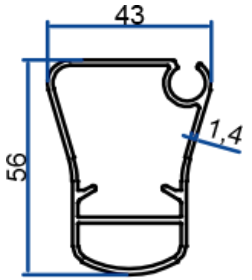
Pipe

Product Code: PRGL-1808

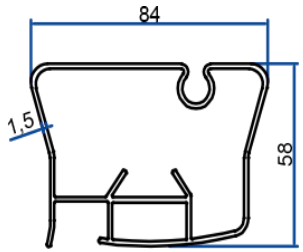
Weight kg/m: 1,100
(Ø75,5 x 1,5mm)

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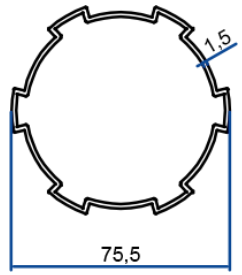
Profile details



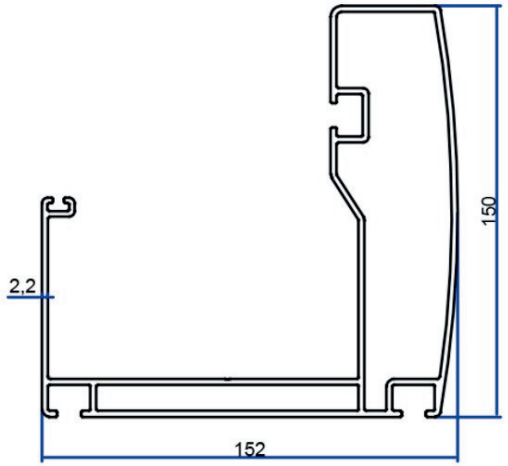
Profile No	kg/m
PRGL-1805	0,845



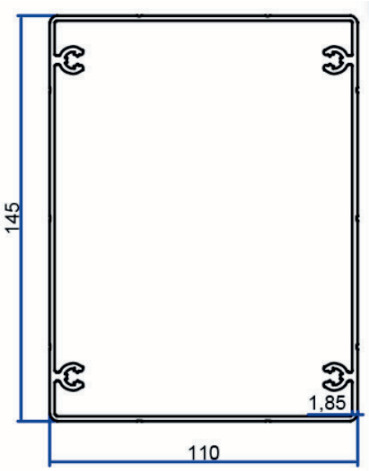
Profile No	kg/m
PRGL-1806	1,867



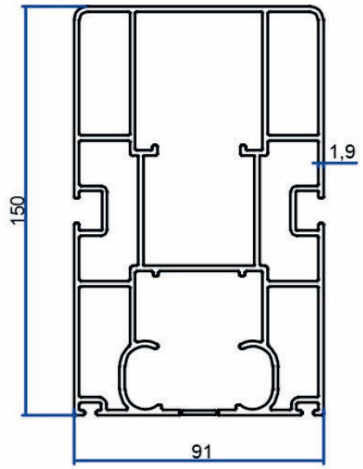
Profile No	kg/m
PRGL-1807	1,100



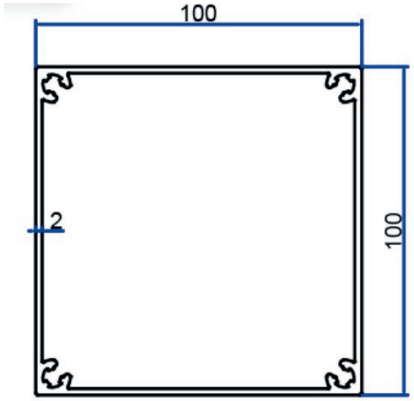
Profile No	kg/m
PRGL-1801	4,398



Profile No	kg/m
PRGL-1803	3,044



Profile No	kg/m
PRGL-1802	5,217

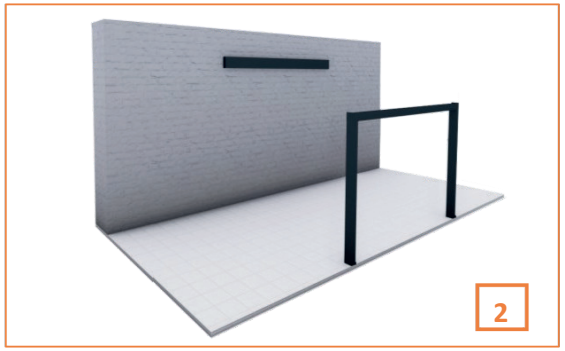


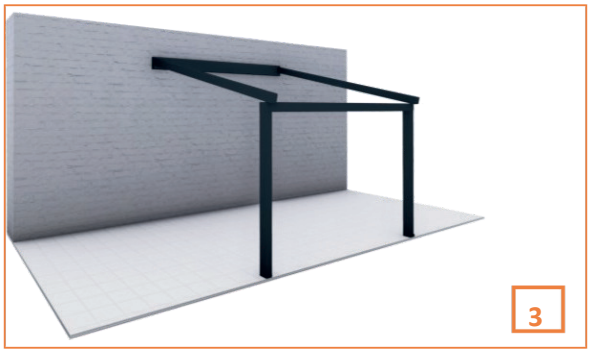
Profile No	kg/m
PRGL-1804	3,044

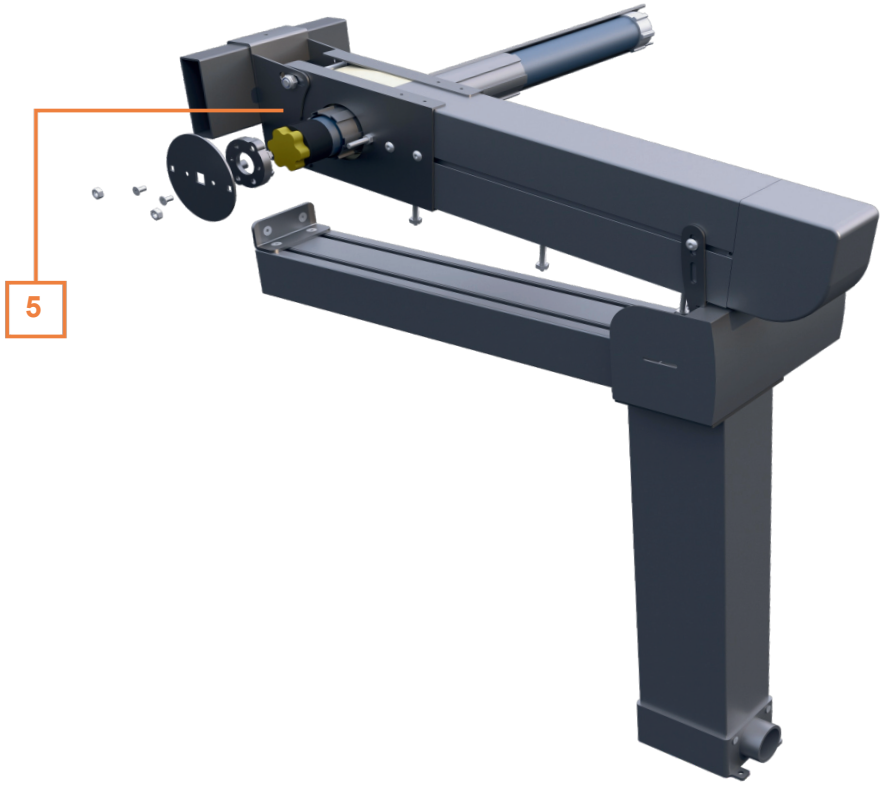
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Pergola Mounting







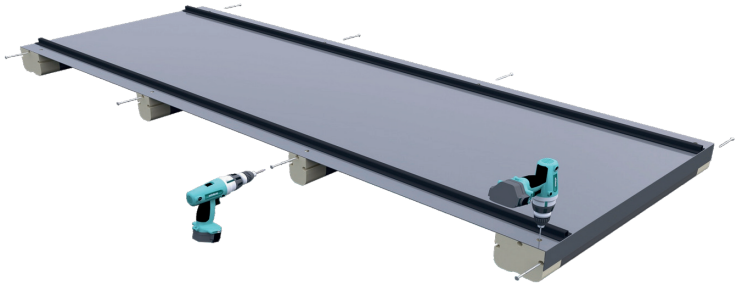


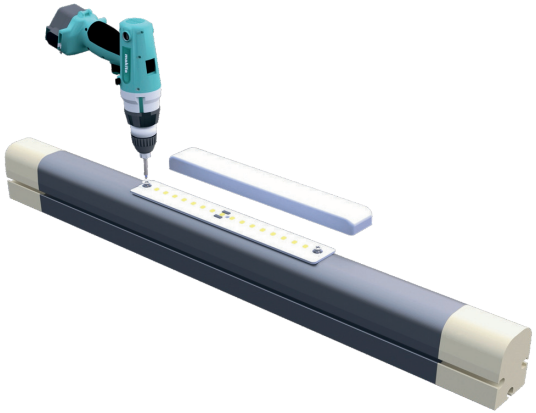
Pergola System Assembly

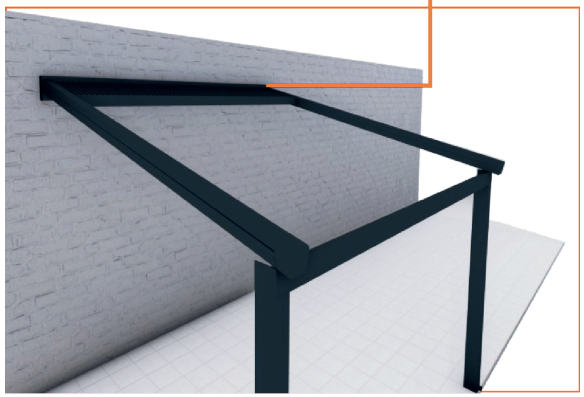
1. Mount the rear profile in the designated location according to measurements.
2. Attach the PRGL-1803 posts to the gutter profile LARGE GUTTER – PRGL – 1801.
3. Then, position the posts on the ground at the designated locations based on measurements.
4. Connect the side rails to LARGE GUTTER – PRGL – 1801 gutter as shown in the image.
5. Attach the other ends of the rails to the back profile.

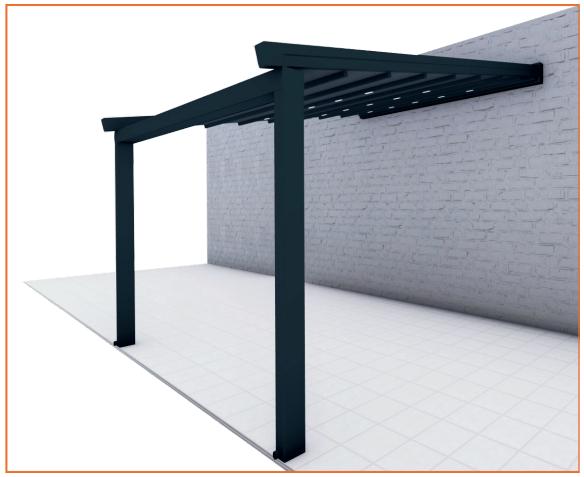
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Assembly









6.Place the engine in its position.

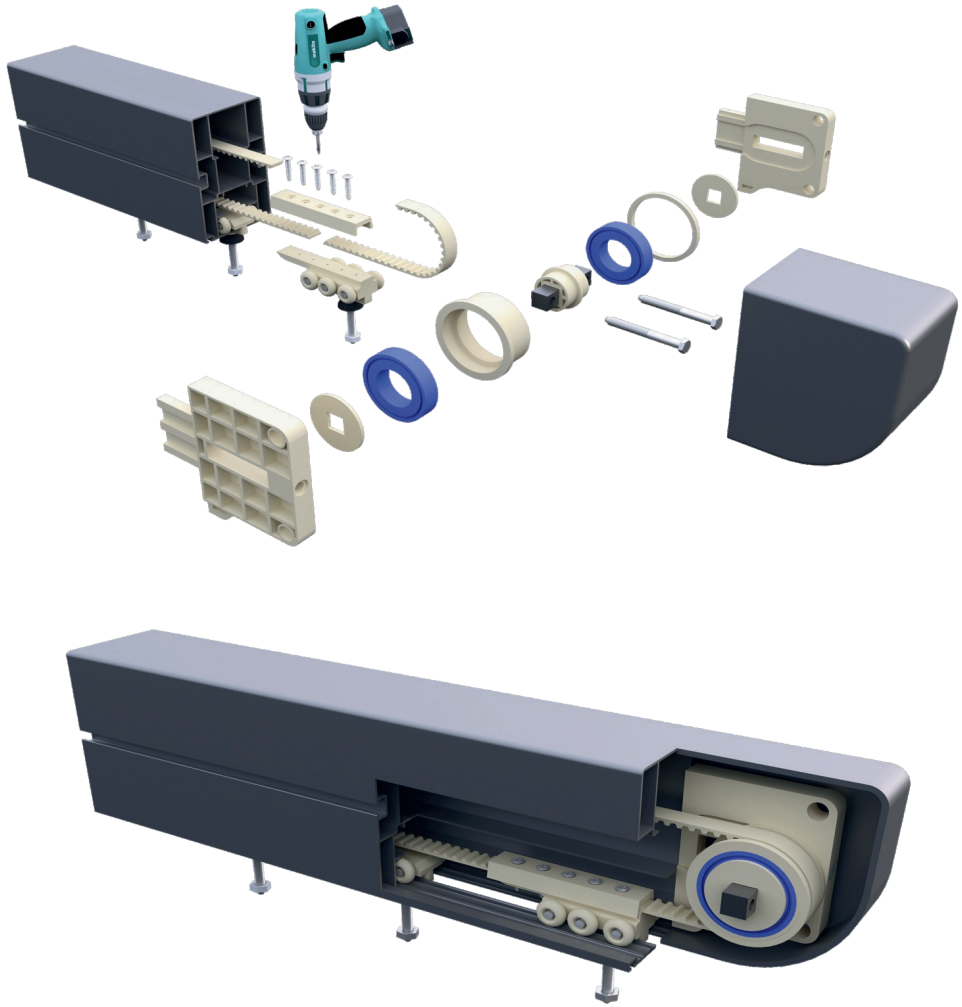
7.Test the motor, then install the metal sheet part.

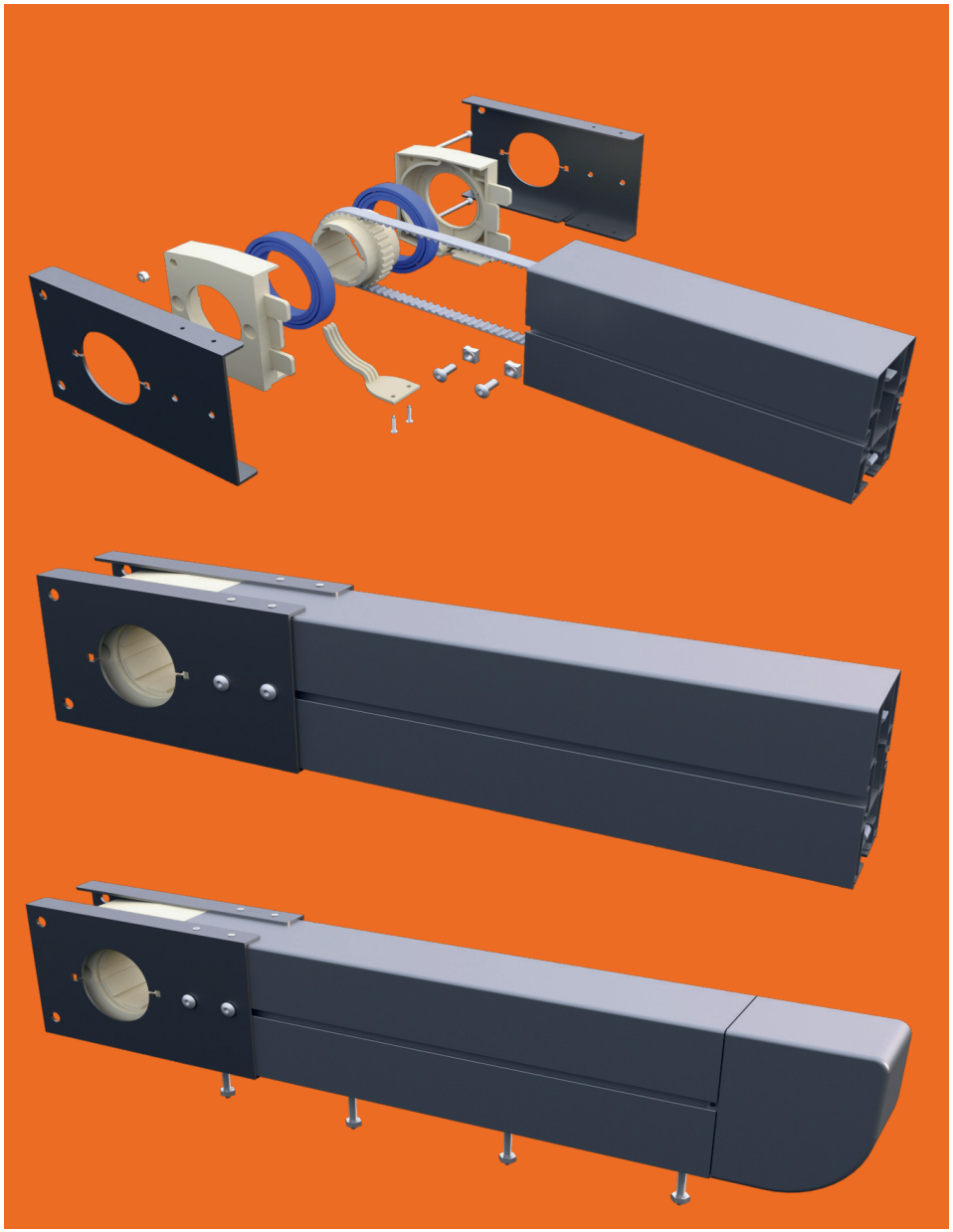
8.If you received the fabric part unassembled, attach the profiles on the fabric to the designated areas on the fabric.

9.Test the cable of the light section, then mount the fabric part to the side rail.

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Assembly





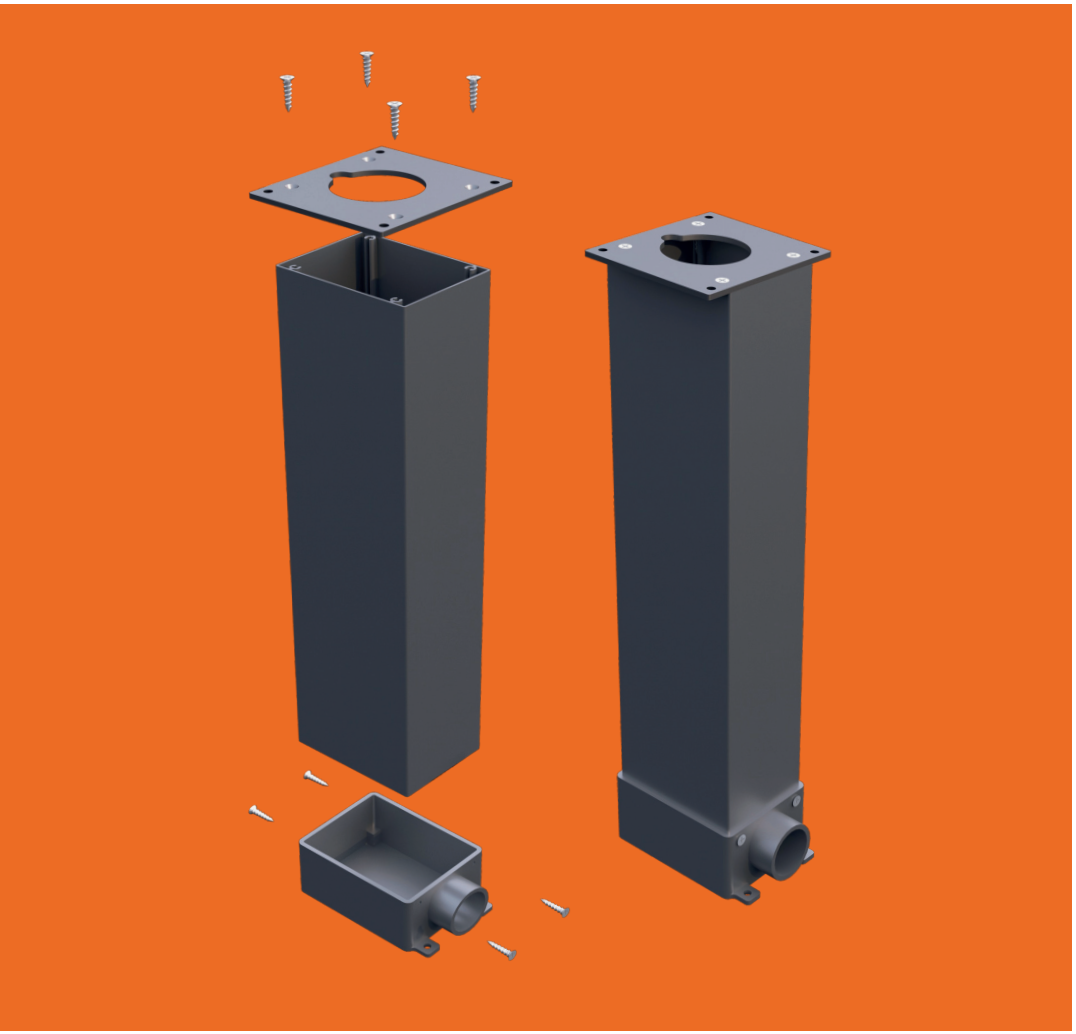
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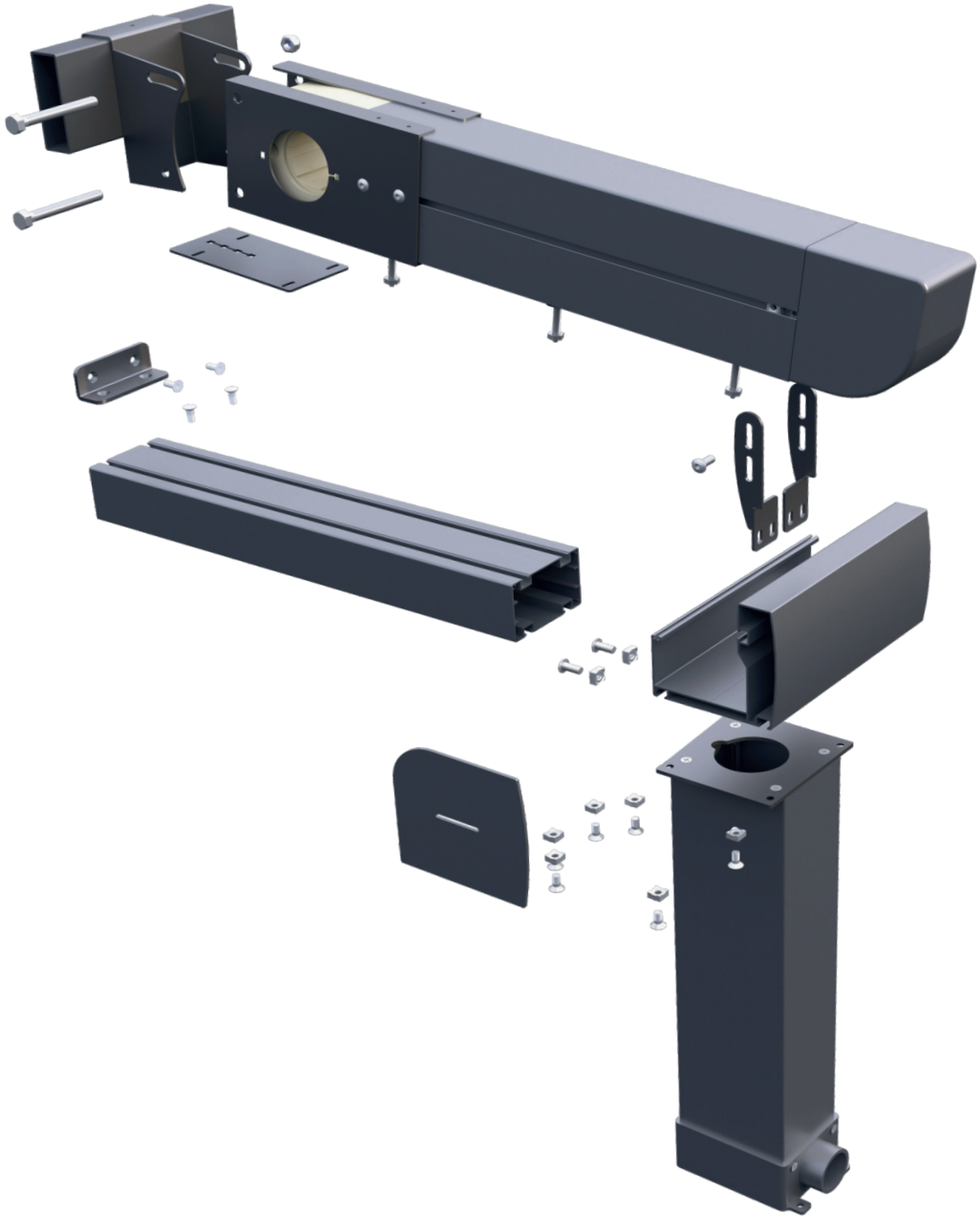
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Assembly



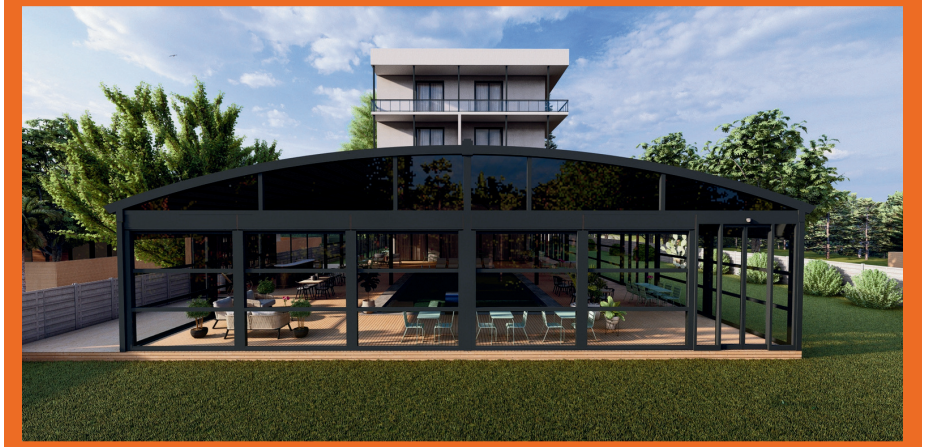


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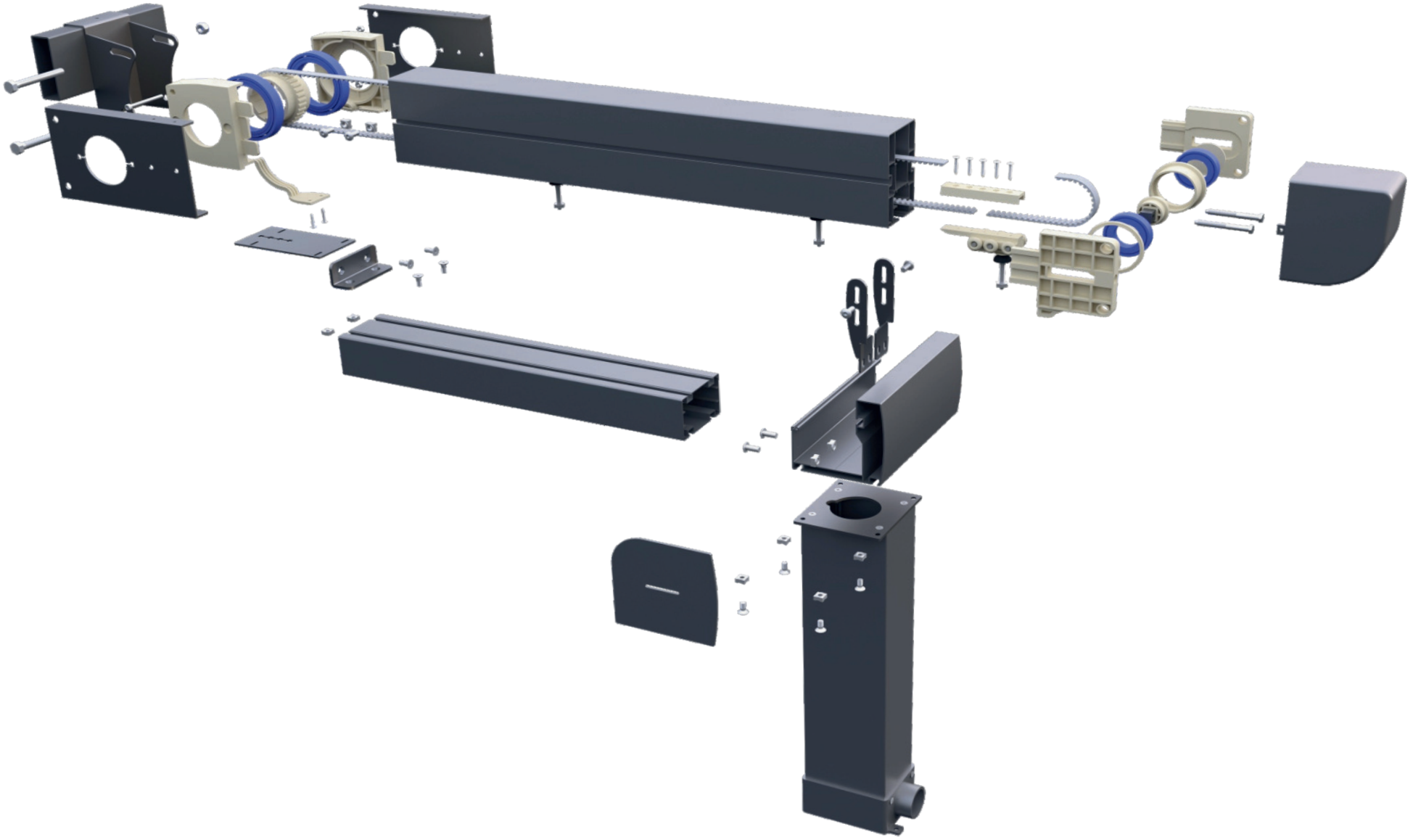






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Assembly













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