

V-PERGOLA
في بيرجولا

TECHNICAL SHEET

Fabric Pergola

Technical data: profiles, accessories and specifications

V-PERGOLA
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Fabric Pergola

A fabric roof that moves on aluminium rails by motor and remote. Closed, the fabric extends taut over the whole seating area; open, it gathers in folds at the end of the roof.

- Blockout fabric, 100% waterproof and heat-insulating
- LED lighting integrated in the rails
- Somfy or equivalent motor; stops automatically at an obstacle
- Wall-mounted or free-standing on posts

Travel length

Up to 8 m

Rail sizes

70×150 · 90×150 · 110×150 mm

Motors

Somfy or equivalent

V-PERGOLA
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Fabric Pergola





Fabric Pergola — How It Works



System components

1. **Thin cornice**
2. **Thick cornice**
3. **Trapezoidal sheet**
4. **Fabric**
5. **Rail**
6. **Gutter**
7. **Rail front cover**
8. **Column**
9. **Shoe**

Travel length

Up to 8 m

Self-supporting rails

70×150 · 90×150 · 110×150 mm

Fabric

Blockout, 100% waterproof, heat-insulating

Motors

Somfy or equivalent



Wall-mounted



On posts



Curved



Gable

Fabric Pergola — Pergola Types: Straight



Cable-hung pergola on posts



Wall-mounted pergola with side posts



Pergola with rear and side posts



Wall-mounted pergola



Pergola with rear posts and angled braces



Wall-mounted pergola with angled braces



Gable pergola



Wall-mounted cable-hung pergola

Fabric Pergola — Pergola Types: Curved & Gable



Curved pergola hung on rear posts



Wall-mounted curved hanging pergola



Curved pergola with rear posts



Wall-mounted curved pergola



Gable pergola with angled braces



Wall-mounted curved pergola with angled braces



Curved gable pergola with angled braces



Curved gable pergola with side posts

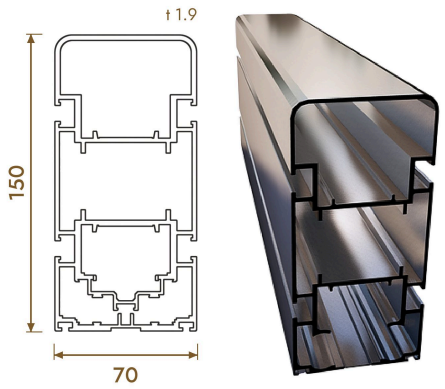


Curved hanging gable pergola



Hanging gable pergola

Fabric Pergola — Profiles: Rails & Columns

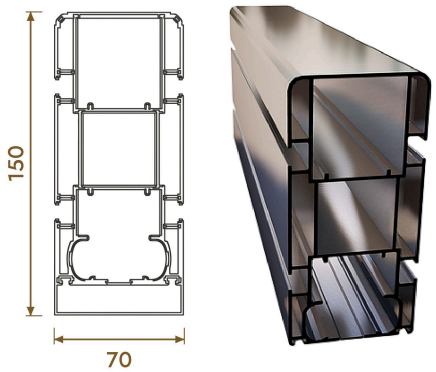


70×150 Rail

Code **5922**

4.212 kg/m

70 × 150 × 1.9 mm

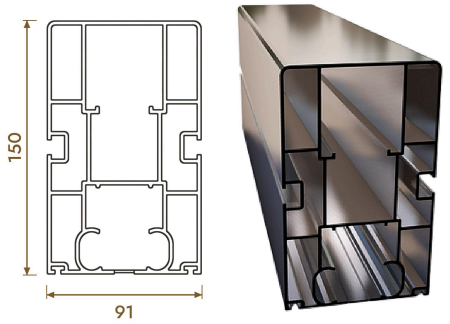


70×150 Rail

Code **6413**

4.655 kg/m

70 × 150 mm

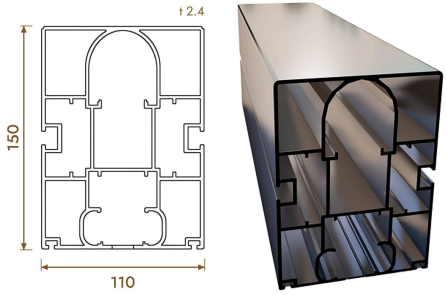


90×150 Rail

Code **2052**

5.217 kg/m

91 × 150 mm

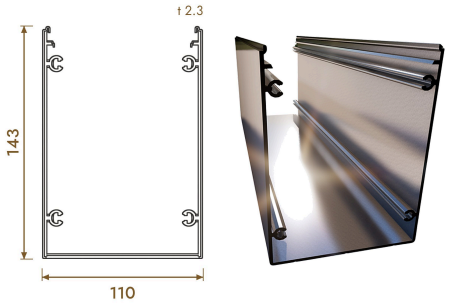


110×150 Rail

Code **2001**

7.168 kg/m

110 × 150 × 2.4 mm

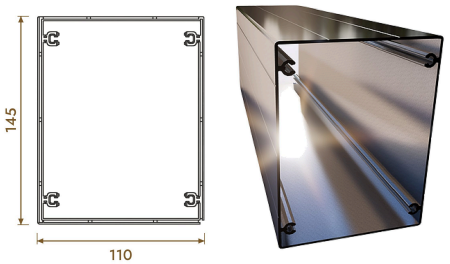


110×145 Column Body

Code **2301**

3.003 kg/m

110 × 143 × 2.3 mm

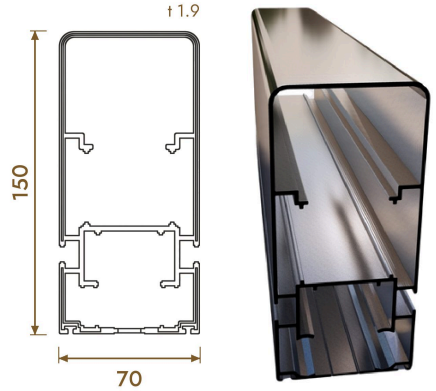


110×145 Column

Code **2111**

3.044 kg/m

110 × 145 mm



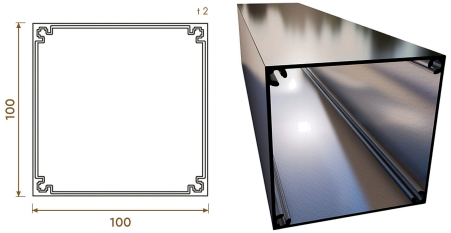
70×150 Eco Rail

Code **2156**

3.217 kg/m

70 × 150 × 1.9 mm

Fabric Pergola — Profiles: Rails & Columns

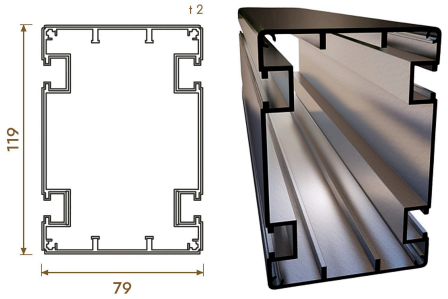


100×100 Column

Code **6565**

2.463 kg/m

100 × 100 × 2 mm

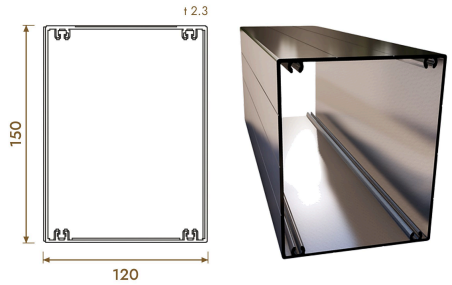


80×120 Column

Code **5936**

3.032 kg/m

79 × 119 × 2 mm

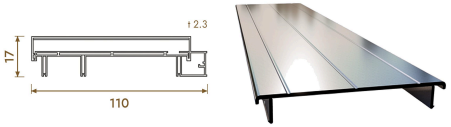


120×150 Column

Code **6569**

3.994 kg/m

120 × 150 × 2.3 mm

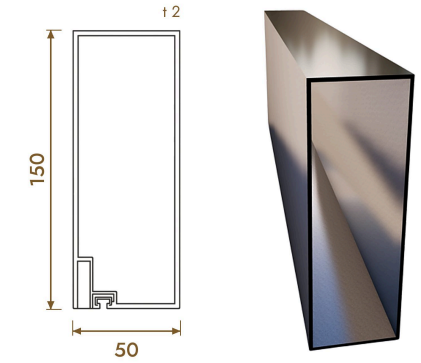


110×145 Column Cover

Code **2302**

0.846 kg/m

110 × 17 × 2.3 mm

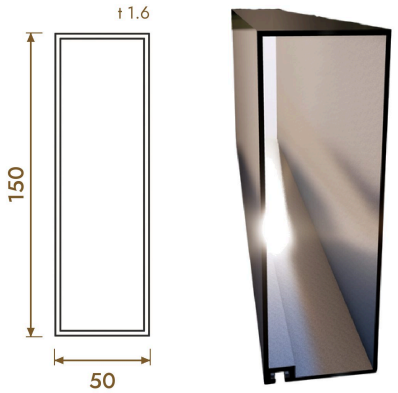


50×150 Trapezoid Box Profile — with Brush Seal

Code **1517-1**

2.217 kg/m

50 × 150 × 2 mm

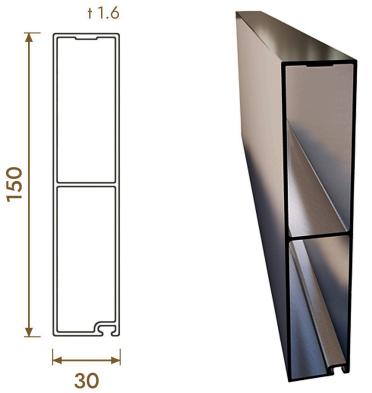


50×150 Trapezoid Box Profile

Code **1517**

2.195 kg/m

50 × 150 × 1.6 mm



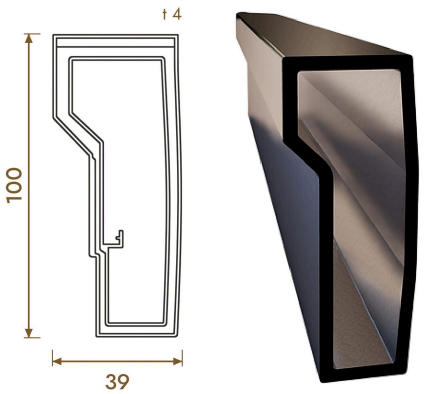
30×150 Box Profile

Code **37025**

1.711 kg/m

30 × 150 × 1.6 mm

Fabric Pergola — Profiles: Gutters & Pipe

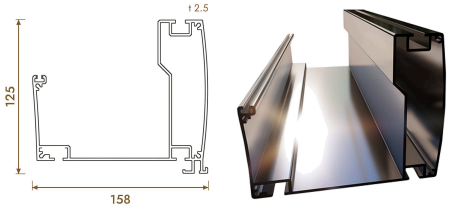


Small Gutter Connector

Code **6536**

2.618 kg/m

39 × 100 × 4 mm

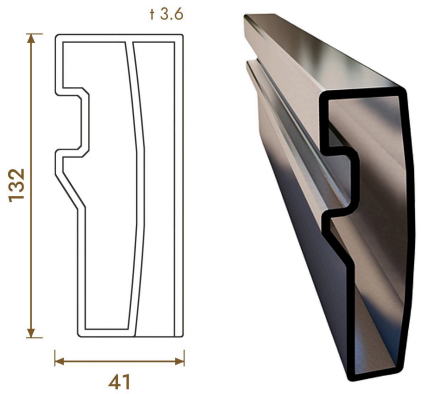


Small Gutter

Code **5935**

3.916 kg/m

158 × 125 × 2.5 mm

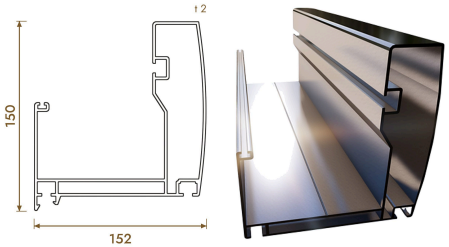


Large Gutter Connector

Code **2281**

3.246 kg/m

41 × 132 × 3.6 mm

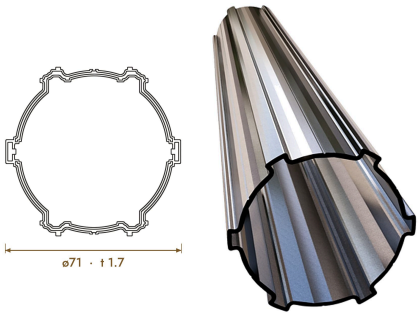


Large Gutter

Code **2078**

4.398 kg/m

152 × 150 × 2 mm

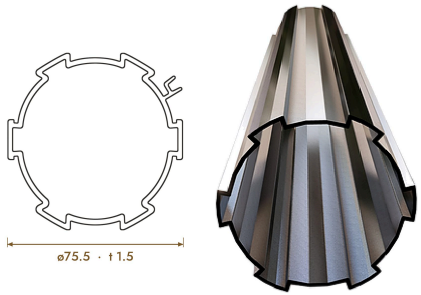


Pipe Insert

Code **37100**

1.074 kg/m

ø71 × 1.7 mm

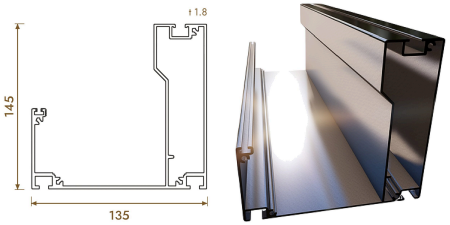


Drive Pipe

Code **5312**

1.100 kg/m

ø75.5 × 1.5 mm



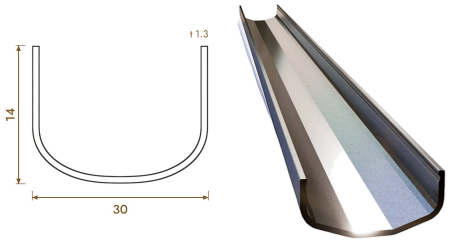
Eco Gutter

Code **2770**

3.150 kg/m

135 × 145 × 1.8 mm

Fabric Pergola — Profiles: Cornices

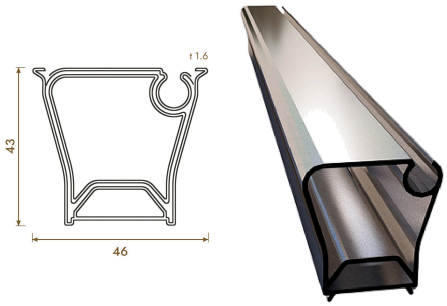


Thin Cornice — LED Cover

Code **37034**

0.163 kg/m

30 × 14 × 1.3 mm

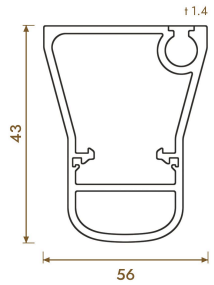


Thin Cornice — LED Body

Code **37033**

0.927 kg/m

46 × 43 × 1.6 mm

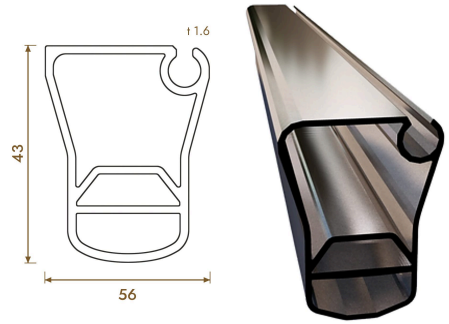


Thin Cornice — Eco

Code **37156**

0.845 kg/m

56 × 43 × 1.4 mm

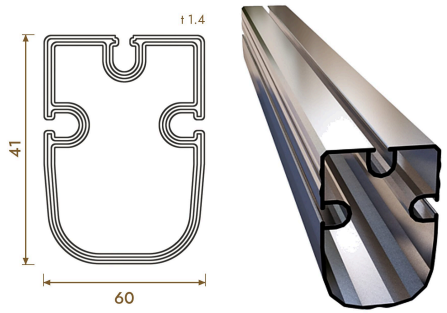


Thin Cornice — Standard

Code **5261**

1.119 kg/m

56 × 43 × 1.6 mm

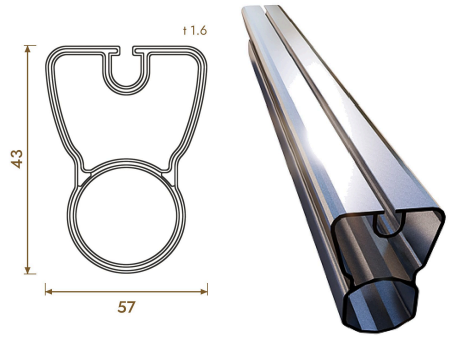


Thin Cornice with Wedge

Code **37153**

0.937 kg/m

60 × 41 × 1.4 mm

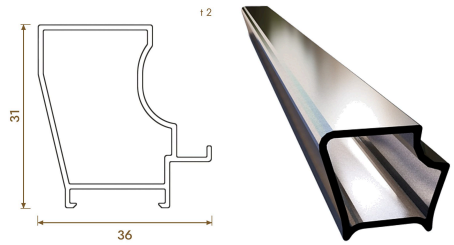


Thin Cornice

Code **37225**

0.948 kg/m

57 × 43 × 1.6 mm



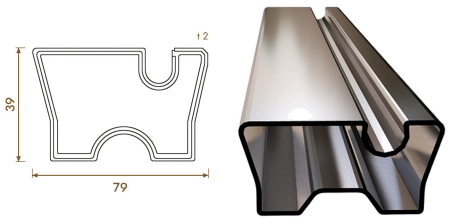
Thin Cornice Adapter

Code **5477**

0.618 kg/m

36 × 31 × 2 mm

Fabric Pergola — Profiles: Cornices

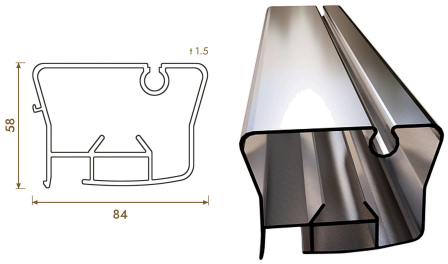


Thick Cornice Adapter

Code **5478**

1.309 kg/m

79 × 39 × 2 mm

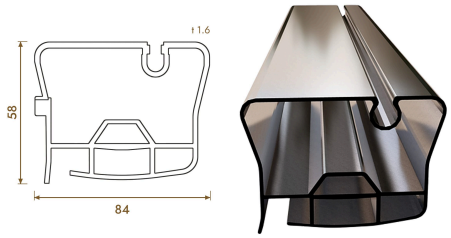


Thick Cornice — Eco

Code **37200**

1.520 kg/m

84 × 58 × 1.5 mm

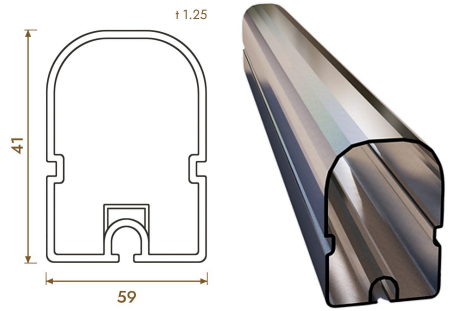


Thick Cornice — Standard

Code **5410**

1.830 kg/m

84 × 58 × 1.6 mm

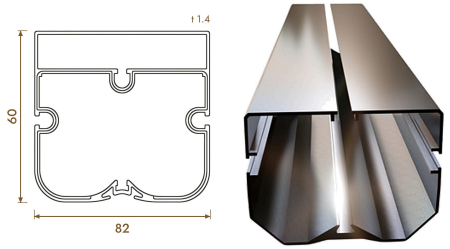


Eco Cornice with Wedge

Code **2653**

0.700 kg/m

59 × 41 × 1.25 mm

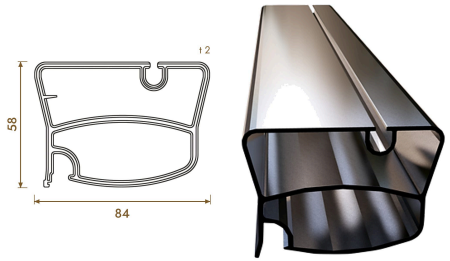


Thick Cornice with Wedge

Code **37216**

1.280 kg/m

82 × 60 × 1.4 mm



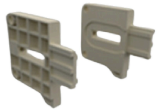
Thick Cornice

Code **6271**

1.867 kg/m

84 × 58 × 2 mm

Fabric Pergola — Accessories: Drive Mechanism & Plastics



Front Tensioner Wedge – Right/Left

Code **PRG-04**

Pack **30 sets**



Brake

Code **PRG-03**

Pack **30 sets**



Rear Gear

Code **PRG-02**

Pack **30 sets**



Rear Cage

Code **PRG-01**

Pack **30 sets**



Small Trolley

Code **PRG-17**

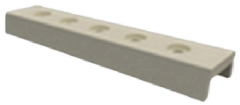
Pack **240 sets**



Large Trolley

Code **PRG-16**

Pack **30 sets**



Timing Belt Connector

Code **PRG-15**

Pack **30 sets**



Small Bearing Cage

Code **PRG-05**

Pack **30 sets**



Thin Cornice Corner Wedge

Code **PRG-19**

Pack **150 sets**



Thin Cornice End Cap

Code **PRG-11**

Pack **160 sets**



Thick Cornice End Cap

Code **PRG-10**

Pack **40 sets**



Fabric Tensioning Plastic

Code **PRG-12**

Pack **200 sets**



Thick Cornice Corner Wedge

Code **PRG-21**

Pack **100 sets**

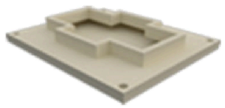


Thin Cornice Center Wedge

Code **PRG-20**

Pack **100 sets**

Fabric Pergola — Accessories: Drive Mechanism & Plastics



80×120 Column Base Plastic

Code **PRG-06**

Pack **50 sets**



Plug Cap

Code **PRG-14**

Pack **300 sets**



Dowel

Code **PRG-13**

Pack **300 sets**



Thick Cornice Center Wedge

Code **PRG-22**

Pack **100 sets**



Somfy Pergola Motor Adapter

Code **PRG-18**

Pack **50 sets**



75 Filter

Code **KIS-08**

Pack **100 sets**



Gutter Water Outlet

Code **PRG-09**

Pack **50 sets**



80×120 Column Base Gasket

Code **PRG-07**

Pack **50 sets**



Large Thin Plastic Bearing

Code **PRG-118**

Pack **50**



Large Plastic Bearing

Code **PRG-117**

Pack **50**



Motor Cover

Code **PRG-8**

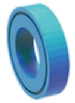
Pack **50 sets**



Universal Pergola Motor Adapter

Code **PRG-26**

Pack **50 sets**

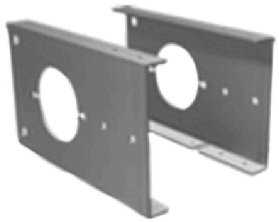


Small Plastic Bearing

Code **PRG-119**

Pack **200**

Fabric Pergola — Accessories: Mounting & Connection Plates



90×150 & 110×150 Rail Motor Mounting Plate

Code **PRG-42**



70 Rail Wall Bracket

Code **PRG-49**



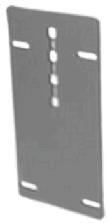
90×150 Rail Wall Bracket

Code **PRG-41**



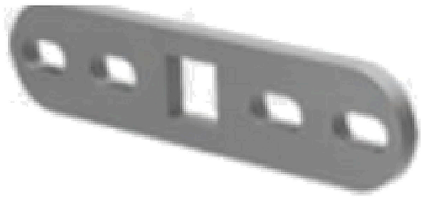
110×150 Rail Wall Bracket

Code **PRG-40**



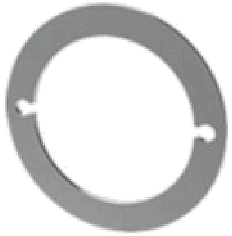
90×150 & 110×150 Rail Rear Thick-Cornice Mounting Plate

Code **PRG-43**



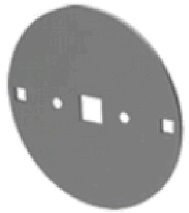
70 Rail Motor Mounting Plate

Code **PRG-51**



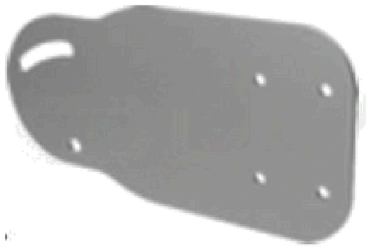
90×150 Rail Motor Mounting Ring

Code **PRG-45**



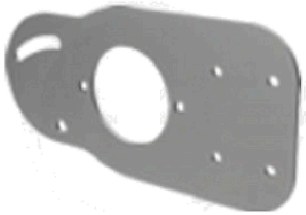
90×150 & 110×150 Rail Motor Mounting Plate (round)

Code **PRG-44**



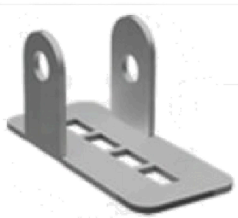
70 Rail Rear Connection Plate – Solid

Code **PRG-53**



70 Rail Rear Connection Plate – Perforated

Code **PRG-52**



70 Rail Rear Thick-Cornice Mounting Plate

Code **PRG-50**

Fabric Pergola — Accessories: Mounting & Connection Plates



80×120 Column – Small Gutter Top Connection Plate

Code **PRG-56**



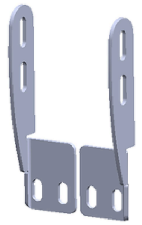
110×145 Column – Gutter Connection Plate

Code **PRG-48**



Small Gutter – 70/90/110 Rail Connection Plate

Code **PRG-54**



70/90/110 Rail – Large Gutter Connection Plate

Code **PRG-46**



110×100 Column – Gutter Connection Plate

Code **PRG-60**



Trapezoid Connection Plate

Code **PRG-59**



80×120 Column Base Connection Plate – Solid

Code **PRG-58**



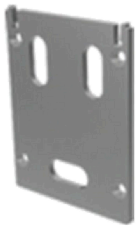
80×120 Column Base Connection Plate – Perforated

Code **PRG-57**



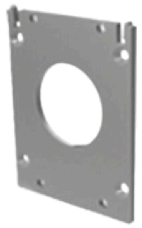
120×150 Column – Gutter Connection Plate

Code **PRG-63**



110×145 Covered Column – Ground Fixing Plate

Code **PRG-62**



110×145 Covered Column – Gutter Connection Plate

Code **PRG-61**

Fabric Pergola — Accessories: Covers, Seals & Belts



110×145 Column Base Shoe

Code **PRG-84**

Pack **30 pcs**



100×100 Column Base Shoe

Code **PRG-83**

Pack **36 pcs**



70×150 Rail Front Cover

Code **PRG-82**

Pack **38 pcs**



90×150 Rail Front Cover

Code **PRG-81**

Pack **30 pcs**



110×150 Rail Front Cover

Code **PRG-80**

Pack **20 pcs**



Eco Gutter Side Cap

Code **PRG-65**



Small Gutter Side Cap

Code **PRG-55**



Eco Gutter End Cap – Right/Left

Code **PRG-65**

Pack **40 pcs**



Large Gutter End Cap – Right/Left

Code **PRG-86**

Pack **40 pcs**



150×120 Column Base Shoe

Code **PRG-85**

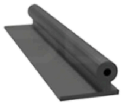
Pack **12 pcs**



Cornice Seal – Middle

Code **PRG-101**

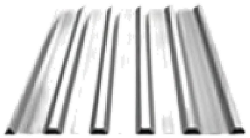
Pack **1 roll = 100 m**



Cornice Seal – Edge

Code **PRG-100**

Pack **1 roll = 100 m**



100×100 Trapezoidal Sheet

Code **PRG-99**



Glass Track

Code **PRG-69**



Front Tensioner Square Automat (16×16)

Code **PRG-79**



T10 × 25 Timing Belt

Code **PRG-106**

Pack **1 roll = 100 m**



T10 × 16 Timing Belt

Code **PRG-105**

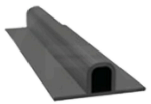
Pack **1 roll = 100 m**



Gutter Seal

Code **PRG-104**

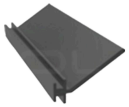
Pack **1 roll = 75 m**



Cable Seal

Code **PRG-103**

Pack **1 roll = 100 m**



Rail Seal

Code **PRG-102**

Pack **1 roll = 100 m**

Fabric Pergola — Accessories: LED Lighting & Electrical



24W Covered LED – White

Code **PRG-111**

Pack **100 pcs**



24W Covered LED – Daylight

Code **PRG-110**

Pack **100 pcs**



24W Horizontal LED – White

Code **PRG-109**

Pack **100 pcs**



24W Horizontal LED – Daylight

Code **PRG-108**

Pack **100 pcs**



24W Horizontal LED Daylight – Black

Code **PRG-124**

Pack **100 pcs**



24W Horizontal LED Daylight – White

Code **PRG-125**

Pack **100 pcs**



24W Horizontal LED Daylight – Cream

Code **PRG-123**

Pack **100 pcs**



24W Horizontal LED Daylight – Anthracite

Code **PRG-122**

Pack **100 pcs**



24W 15A LED Driver

Code **PRG-115**



24W 8.5A LED Driver

Code **PRG-114**



24W 4.5A LED Driver

Code **PRG-113**



LED Dimmer

Code **PRG-120**

Pack **100 pcs**



2×0.75 LED Cable

Code **PRG-116**

Pack **1 roll = 100 m**

Fabric Pergola — Motors, Controls & Sensors



Somfy RTS 1-Channel Remote

Code **io Km. 1**



Somfy io 5-Channel Remote

Code **io Km. 5**



Somfy io 1-Channel Remote

Code **io Km. 1**



Somfy Pergola Motors – io / RTS



Somfy Zamak Adapter

Code **Pal-140**



Somfy Rain Sensor

Code **90166345**



Somfy Wind Sensor

Code **9101474**



Somfy RTS 5-Channel Remote

Code **io Km. 5**



ERS 5-Channel Remote

Code **ERS-805**



ERS 1-Channel Remote

Code **ERS-801**



ERS Electronic Motors



Somfy Octagonal Motor Adapter

Code **PRG-27**

Pack **50 pcs**



ERS 16-Channel Remote

Code **ERS-809**

Fabric Pergola — Fasteners



M6×65 Socket Bolt

Code **Prg 144**

Pack **200**



M8×70 Round Head Square Neck Bolt

Code **Prg 142**

Pack **500**



M8×15 Countersunk Socket Bolt

Code **Prg 141**

Pack **200**



M8×15 Countersunk Socket Bolt

Code **Prg 141**

Pack **200**



M8×12 Button Head Socket Bolt

Code **Prg 140**

Pack **100**



M12 Nylon-Insert Lock Nut

Code **Prg 149**

Pack **300**



M8 Square Weld Nut

Code **Prg 148**

Pack **750**



M8 Flange Nut

Code **Prg 147**

Pack **250**



M6 Nut

Code **Prg 146**

Pack **2500**



M12×130 AKV Screw

Code **Prg 145**

Pack **50**



6.3×32 Sheet Metal Screw

Code **Prg 154**

Pack **300**



5.5×22 Trapezoidal Sheet Self-Tapping Screw

Code **Prg 153**

Pack **150**

5×100 Chipboard Screw

Code **Prg 152**

Pack **100**



4.8×13 YHB SV Screw

Code **Prg 151**

Pack **1500**



3.9×16 YHB Screw

Code **Prg 150**

Pack **3500**



M12×100 Steel Anchor Bolt

Code **Prg 156**

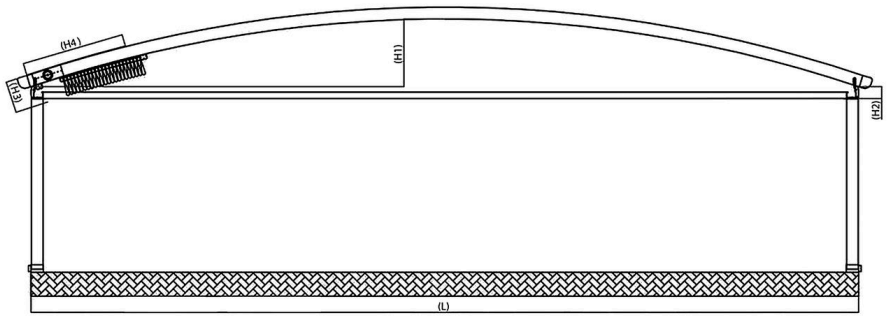
Pack **250**

7.5×100 Frame Anchor Screw (Buldex)

Code **Prg 155**

Pack **750**

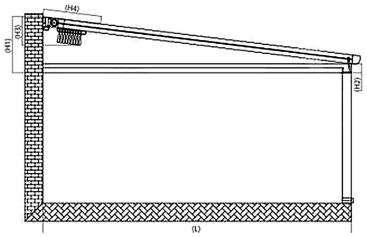
Fabric Pergola — Size Table: Curved, Post to Post



	L	H1	H2	H3	H4	Sections
300	50	15	41	56	5+2	
350	55	15	41	56	5+2	
400	60	15	41	65	7+2	
450	65	15	41	65	7+2	
500	70	15	41	74	9+2	
550	75	15	41	74	9+2	
600	80	15	41	83	11+2	
650	85	15	41	83	11+2	
700	90	15	41	92	13+2	
750	95	15	41	92	13+2	
800	100	15	41	100	15+2	
850	105	15	41	100	15+2	
900	110	15	41	110	17+2	
950	115	15	41	110	17+2	
1000	115	15	41	120	19+2	
1050	115	15	41	120	19+2	
1100	120	15	41	130	21+2	
1150	120	15	41	130	21+2	
1200	120	15	41	140	23+2	

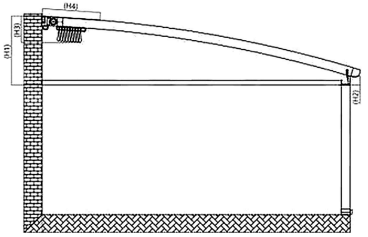
L Projection (opening length) · **H1** Min. front–rear height difference · **H2** Gutter height · **H3** Fabric insert size · **H4** Trapezoidal sheet size · **Sections** No. of fabric sections (cornices) (cm)

Fabric Pergola — Size Tables: Wall-Mounted Sloped & Curved



L	H1	H2	H3	H4	Sections
300	68	15	50	56	5+2
350	74	15	51	56	5+2
400	80	15	52	65	7+2
450	86	15	53	65	7+2
500	92	15	54	74	9+2
550	99	15	55	74	9+2
600	105	15	56	83	11+2
650	111	15	57	83	11+2
700	117	15	58	92	13+2
750	123	15	59	92	13+2
800	130	15	60	100	15+2
850	136	15	61	100	15+2
900	142	15	62	110	17+2
950	148	15	63	110	17+2
1000	155	15	64	120	19+2
1050	161	15	65	120	19+2
1100	167	15	66	130	21+2
1150	173	15	67	130	21+2
1200	179	15	68	140	23+2

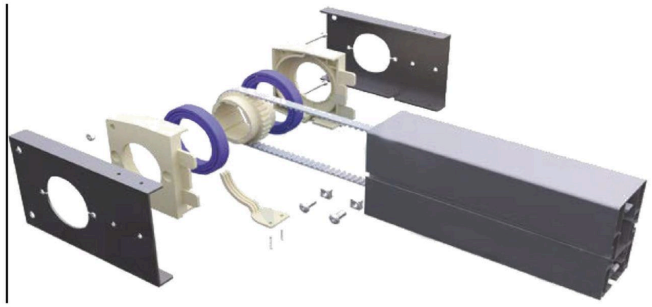
L Projection (opening length) · **H1** Min. front–rear height difference · **H2** Gutter height · **H3** Fabric insert size · **H4** Trapezoidal sheet size · **Sections** No. of fabric sections (cornices) (cm)



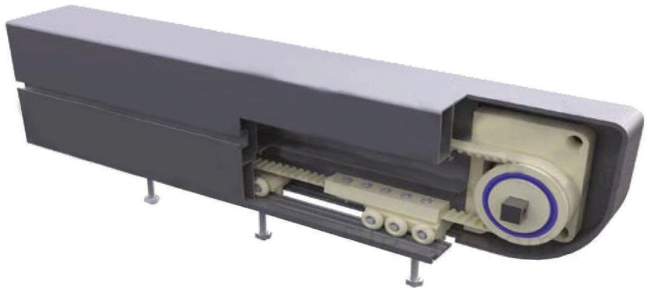
L	H1	H2	H3	H4	Sections
300	75	15	50	56	5+2
350	85	15	51	56	5+2
400	95	15	52	65	7+2
450	105	15	53	65	7+2
500	115	15	54	74	9+2
550	125	15	55	74	9+2
600	135	15	56	83	11+2
650	145	15	57	83	11+2
700	155	15	58	92	13+2
750	165	15	59	92	13+2
800	175	15	60	100	15+2
850	185	15	61	100	15+2
900	195	15	62	110	17+2
950	205	15	63	110	17+2
1000	215	15	64	120	19+2
1050	225	15	65	120	19+2
1100	235	15	66	130	21+2
1150	245	15	67	130	21+2
1200	255	15	68	140	23+2

L Projection (opening length) · **H1** Min. front–rear height difference · **H2** Gutter height · **H3** Fabric insert size · **H4** Trapezoidal sheet size · **Sections** No. of fabric sections (cornices) (cm)

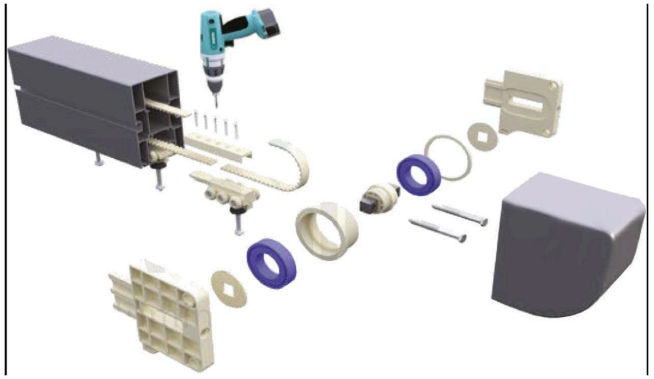
Fabric Pergola — Assembly: Rail Head & Drive



Wall plate and motor bracket installation



Rail head assembled: carriers and timing belt



Rail head exploded: gear, brake, bearings and cover

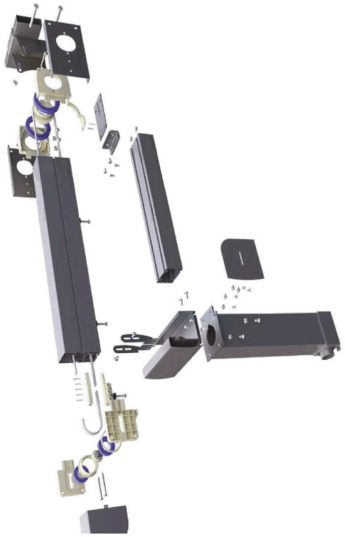


Motor installed in the tube at the corner



Rail with wall-mounting plate

Fabric Pergola — Assembly: Corner, Column & Fabric



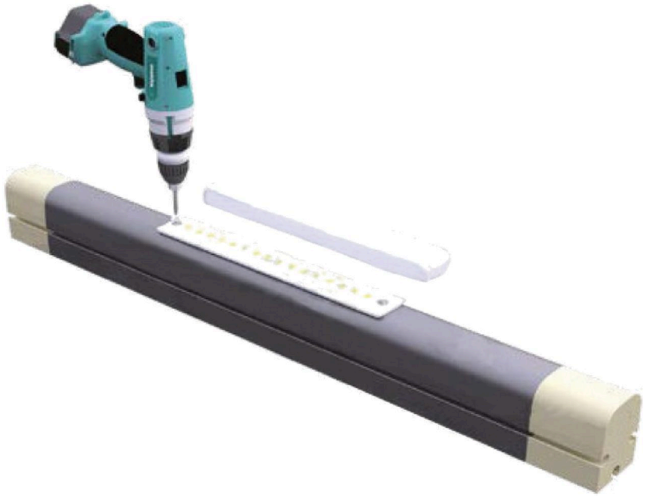
Full corner exploded, top to base



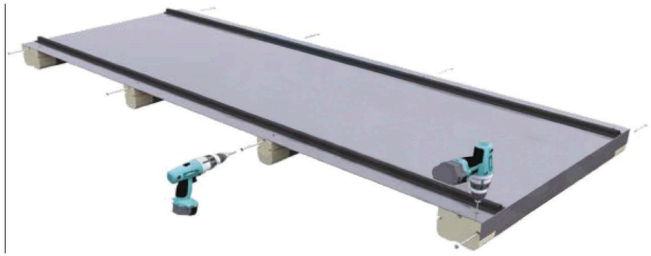
Rail, gutter and column corner, exploded



Rail, gutter and column corner assembled



Cornice and LED strip installation



Trapezoidal sheet installation

V-PERGOLA

ڤي بيرجولا

Let's start with your space

Send us a photo of the space, its dimensions and how you use it, and we will recommend the right system.

vpergola-ksa.com info@vpergola-ksa.com