TCO
SHADING



FOLDING PERGOLA AWNING

TCO STOA MEGA

Folding pergola awning with PVC blockout fabric

Wind Class 5 | **up to 15.00 × 10.00 m** | **Somfy iO wireless motor**

General characteristics

TCO Stoa Mega is the largest, heavy-duty model of the STOA line, with **110 × 150 mm** guides. It reaches **10 m projection without intermediate posts** and shades areas of up to 150 m². The **folding fabric** retracts electrically to the back. It covers up to **15.00 × 10.00 m**.



The slim 3 cm beams and the tensioned fabric.

Sun & rain protection
PVC blockout fabric, 100% waterproof, by Sattler, Sioen, Dickson, Serge Ferrari.

Wind Class 5
Certified wind resistance.

Opens >80% of the roof
The slim 3 cm beams gather at the back.

Aluminium, 90% hidden screws
Single guides without joints, any RAL colour.

Motorised
Silent Somfy iO wireless motor, also controlled from a smartphone.

LED lighting
Spots on the beams, on/off or dimmable.

RAL colours at no extra cost

RAL 9016	RAL 1013	RAL 1019	RAL 7040	RAL 7016	RAL 8017	RAL 9005
White	Ecru	Beige	Grey	Anthracite	Brown	Black

Available in any RAL colour. Standard high-resistance Ammos-Structura coating, with an optional **Marine**-grade finish for coastal areas.

Operation & lighting

Electrical operation

The system runs silently on a **Somfy iO wireless tubular motor**, controlled by remote, smartphone or computer. The motor has an automatic thermal stop for its protection.

Lighting

Two lighting options with **LED spots on the intermediate beams**.

- STA spots, on/off
- LUX spots, dimmable, also in RGB
- Warm 3000K · Daylight 4000K · Cool 6000K

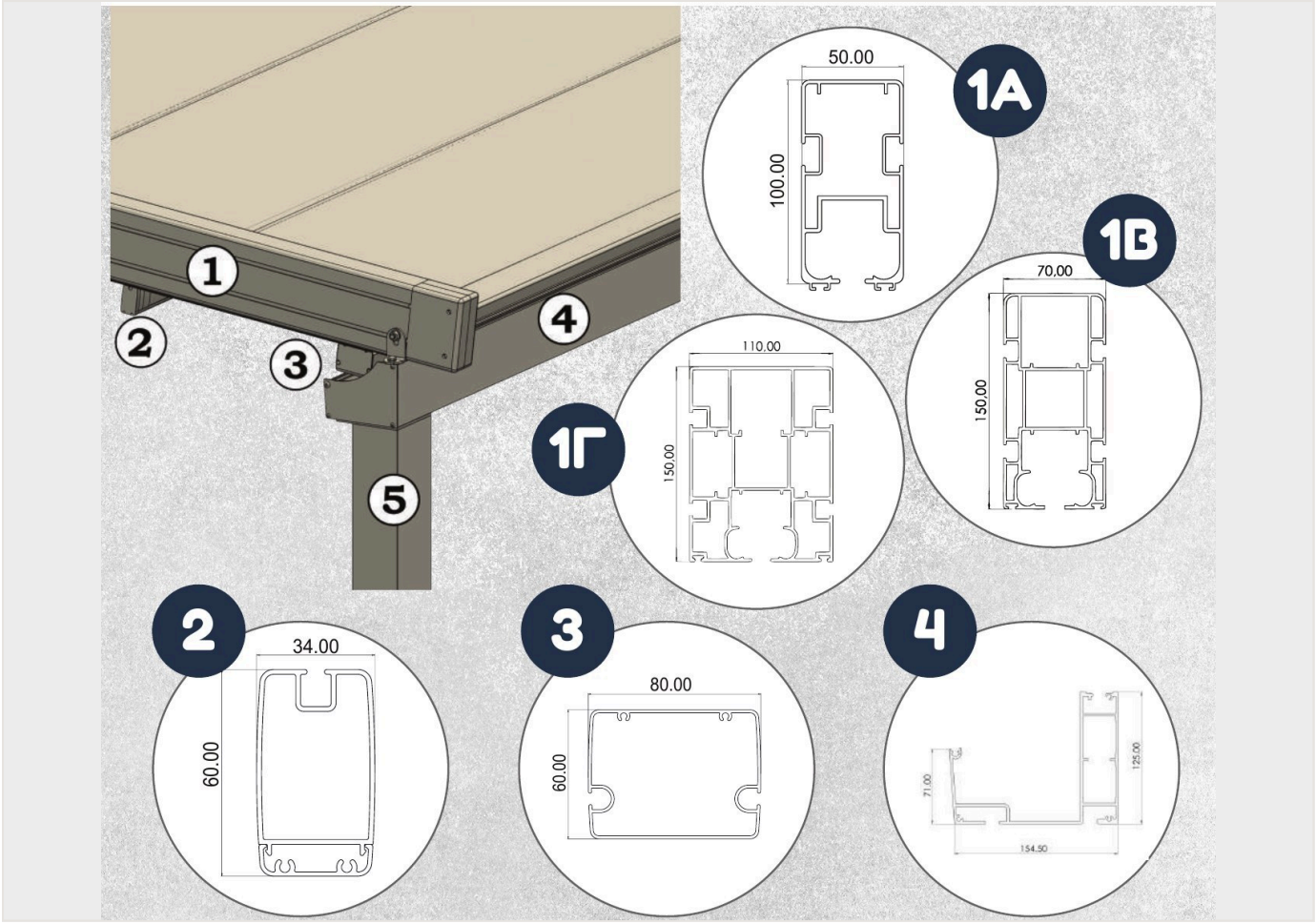


Shade and rain protection over the pool.

Technical specifications

Type	Folding pergola awning
Cover	PVC blockout fabric (Sattler, Sioen, Dickson, Serge Ferrari)
Width	**1.00 – 15.00 m**
Projection	**1.50 – 10.00 m**
Guide	110 × 150 mm (heavy-duty) · single piece, no joints
Beams	3 cm wide · intermediate 34 × 60 · front 80 × 60 mm
Slope	10 – 15 %
Drainage	12.5 cm front parapet-gutter, draining through the posts
Wind resistance	Wind Class 5
Material / finish	Aluminium · powder coated, any RAL · Marine optional
Motor	Somfy iO wireless tubular motor, thermal stop
Lighting	STA spots on/off or LUX dimmable · 3000K / 4000K / 6000K
Posts	130 × 100 standard · 150 × 100 · 150 × 150 mm recommended
Service	Every 2 years
Certifications	ISO 9001 · ISO 14001 · ISO 45001

Technical drawings



1A Stoa 100 guide · 50 × 100

1B Stoa 150 guide · 70 × 150

1C **Stoa Mega guide · 110 × 150**

2 Intermediate beam 34 × 60

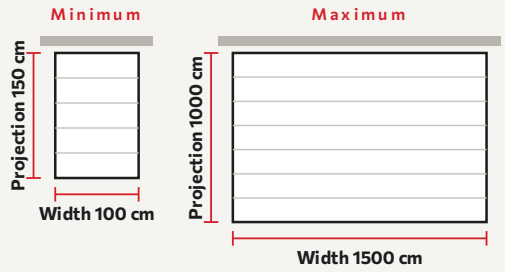
3 Front beam 80 × 60

4 Parapet-gutter 154.5 × 125

5 Post 130 × 100 · 150 × 100 · 150 × 150

Dimensions in mm

Dimensions



Posts

Standard

Post **130 × 100 mm**.

Large

Post **150 × 100 mm**.

Recommended

Post **150 × 150 mm**: easier installation, clean corners free of obstacles and all screws concealed.

Combines with **Zip Screens** and **glass systems** around the perimeter, for year-round use.

Applications



Roof terrace on a stone house



With perimeter Zip Screens



Roof terrace with glass railing



The guides before the fabric, with sea view

5 YEARS

5-year warranty

On all our products. A service every 2 years is required for proper operation.

Delivery to Switzerland, Belgium and the Netherlands. Installation is a separate service, by arrangement.

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