IASO®

Better Outside

TEXTILE ARCHITECTURE EN

TEXTILE CANOPIES

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Textile canopies architecture structures are lightweight construction systems built around a metal framework and a technical membrane working primarily in tension.

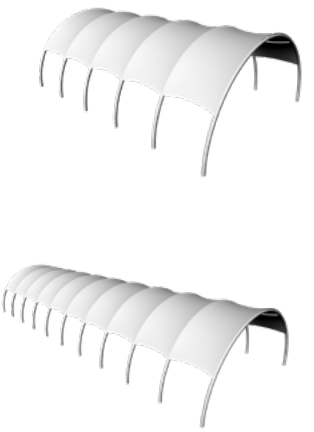
Their modular logic allows the assembly to be scaled and adapted section by section, simplifying transport and installation, and standardising key details such as anchors, pre-tensioning and perimeter fixings.

Their value is not only technical: they turn engineering into an experience. An elegant, clean visual presence, almost silent. In textile architecture, the structure does not compete with the place: it organises it, shelters it and makes it usable.

ETFE ARCHES

A curved structure that forms a luminous roof protected from the elements, with the characteristic lightness of ETFE. Its transparency and the material's possibilities (printing, colouring, lighting, etc.) make it possible to control light admission without losing visibility.
With the option of integrating a removable micro-perforated membrane for enhanced sun shading.

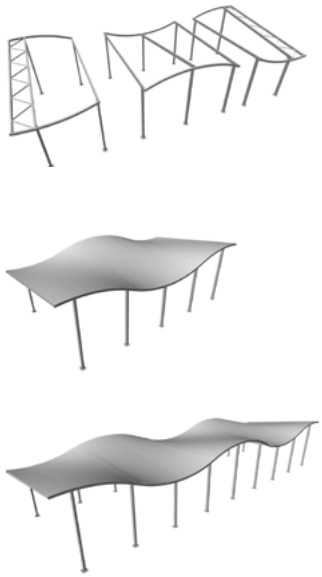
MODEL 1	MODEL 2	HEIGHT		NOTES
length x width 15 x 10 m	length x width 30 x 10 m	arch height 5 m	ETFE start height 2,5 m	Measurements to structure axis



UNDULATIONS

A watertight curved roof geometry that protects from sun and rain through an expressive wave form. Its silhouette creates identity from a distance and, at the same time, fosters a more welcoming atmosphere beneath continuous shade.

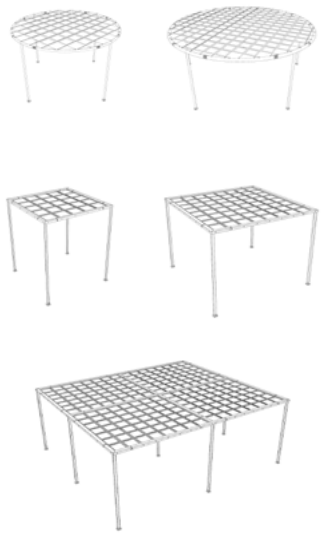
MEASUREMENTS	HEIGHT	NOTES
Width: 13,5 m Length: 23,5 m / 43,5 m	Arch low point: 5,65 m Arch high point: 7,40 m Min. arch height: 5,3 m Max. arch height: 7,20 m	Measurements to the outer face of the structure



MESHES

A modular roof in circular, square or rectangular formats, providing shade through a grid of cable mesh and a micro-perforated PVC membrane. It filters sunlight and allows air to circulate, making it ideal for seating areas and walkways where immediate comfort is required with a clean aesthetic.

	MODEL 1	MODEL 2	MODEL 3	MODEL 4	HEIGHT	NOTES
CIRCULAR	Ø 10 m	Ø 15 m	-	-	4 m 5 m 6 m	Measurements to the outer face of the structure
SQUARE	5,3 x 5,3 m	6,3 x 6,3 m	7,3 x 7,3 m	8,3 x 8,3 m	4 m 5 m 6 m	Option to group modules from 2 units onwards
RECTANGULAR	5,3 x 8,3 m	6,3 x 7,3 m	6,8 x 8,3 m	7,3 x 8,3 m	4 m 5 m 6 m	Measurements to the structure axis. Option to group modules from 2 units onwards



PARABOLOID

A tensioned membrane combining high and low points, generating a circular shape in plan.
It can be resolved with a structure using pillars and a circular frame, or with eccentric supports, providing generous shade and a lightweight architectural presence.

	MODEL 1	MODEL 2	HEIGHT	NOTES
WITH FRAME STRUCTURE	Ø 10 m	Ø 15 m	4,30 m, 8 m	Measurements to structure axis
WITHOUT FRAME STRUCTURE				

STRIPS

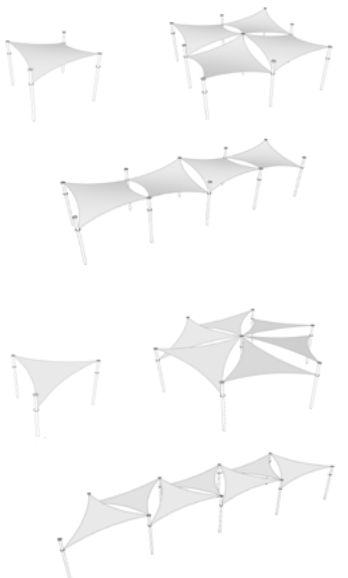
A shading system using interwoven micro-perforated PVC strips integrated into the supporting metal structure. The result is a lightweight, dynamic and ventilated roof that shapes the light and introduces a contemporary visual rhythm to the space.

MODEL 1	MODEL 2	MODEL 3	HEIGHT	NOTES
width x length 5,72 x 7 m	width x length 5,72 x 14 m	width x length 5,72 x 21 m	4 m	Measurements to structure axis
			5 m	
			6 m	

SAILS

Removable three- or four-point sails in micro-perforated technical fabric, designed to provide versatile and adaptable shade. They can be installed as a single piece or as a modular composition, creating different configurations according to the space and the desired effect.

	MODEL 1	MODEL 2	HEIGHT	NOTES
RECTANGULAR	length x width 5 x 5 m	length x width 7 x 7 m	min. and max. heights 3 y 4 m	Measurements to structure axis
TRIANGULAR	sides 5 x 5 x 5 m	sides 7 x 7 x 7 m		



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