

ALUMINIUM CNC

Lasting Quality - A process guarantee that the raw material in all aluminum parts retains its purity and integrity, even to an atomic level.

Scientific tests and studies have proven the far superior strength of components manufactured with **CNC Machining** as opposed to the traditional molding process.

CNC machining aligns the aluminum unidirectionally, ensuring it remains 100% compact, and thus much more resistant to **impact, fatigue and corrosion**.

structure
ALUMINIUM INJECTION



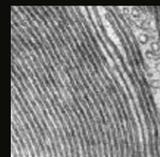
ROCKWELL HARDNESS TEST

INJECTION AL 40 - 50 HRB

MACHINING CNC 81 HRB

Procedure: The Rockwell test determines the hardness by measuring the depth of penetration of an indenter under a large load compared to the penetration made by a pre-load. In these tests it was proven that the CNC component is twice as resistant as the injection molded part.

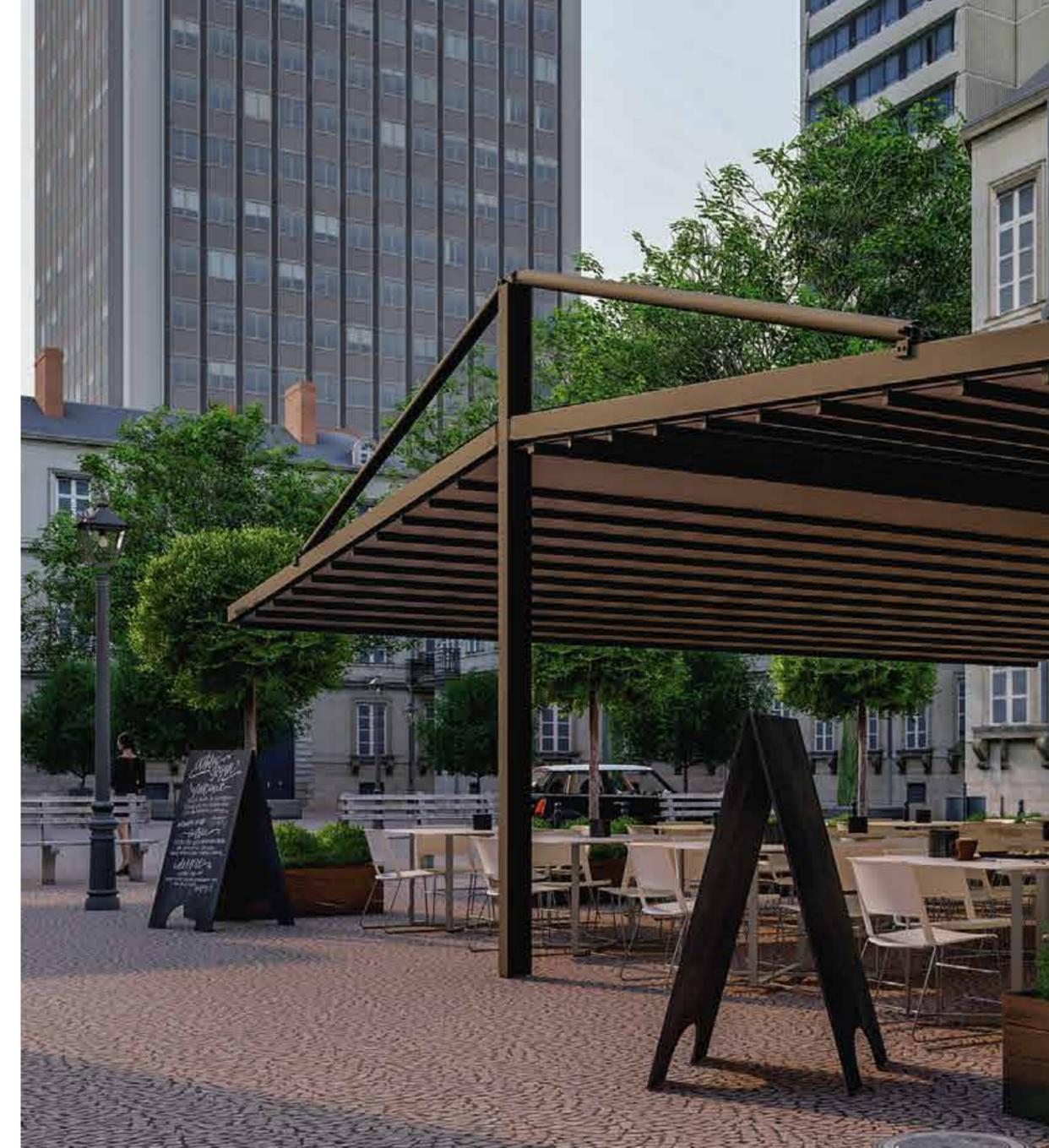
structure
ALUMINIUM CNC



WARRANTY
10
YEARS

A BRAND NEW **GENERATION** AWNINGS & PERGOLAS

by **nevaluz**



SAHARA  DAKHLAESTAY

SAHARA DAKHLA ESTAY

The **DAKHLA ESTAY** pergola, inspired by nautical design elements, is designed to cover large areas, protecting them from the sun and the rain, in an elegant way, with only two columns.

Its structure is reinforced with steel tubes in addition to special anchors manufactured with **CNC technology**, which guarantees the resistance and safety, certified as the highest wind resistance classification possible on the market, class 6, according to the **UNE EN 13561** standard.

The nautical design creates an attractive, aesthetically pleasing architectural atmosphere, combined with total accessibility, thanks to the minimum possible number of pillars. With a multitude of options and alternatives, including super durable coating finishes, and serious stability, this structure is very suitable for maritime areas.



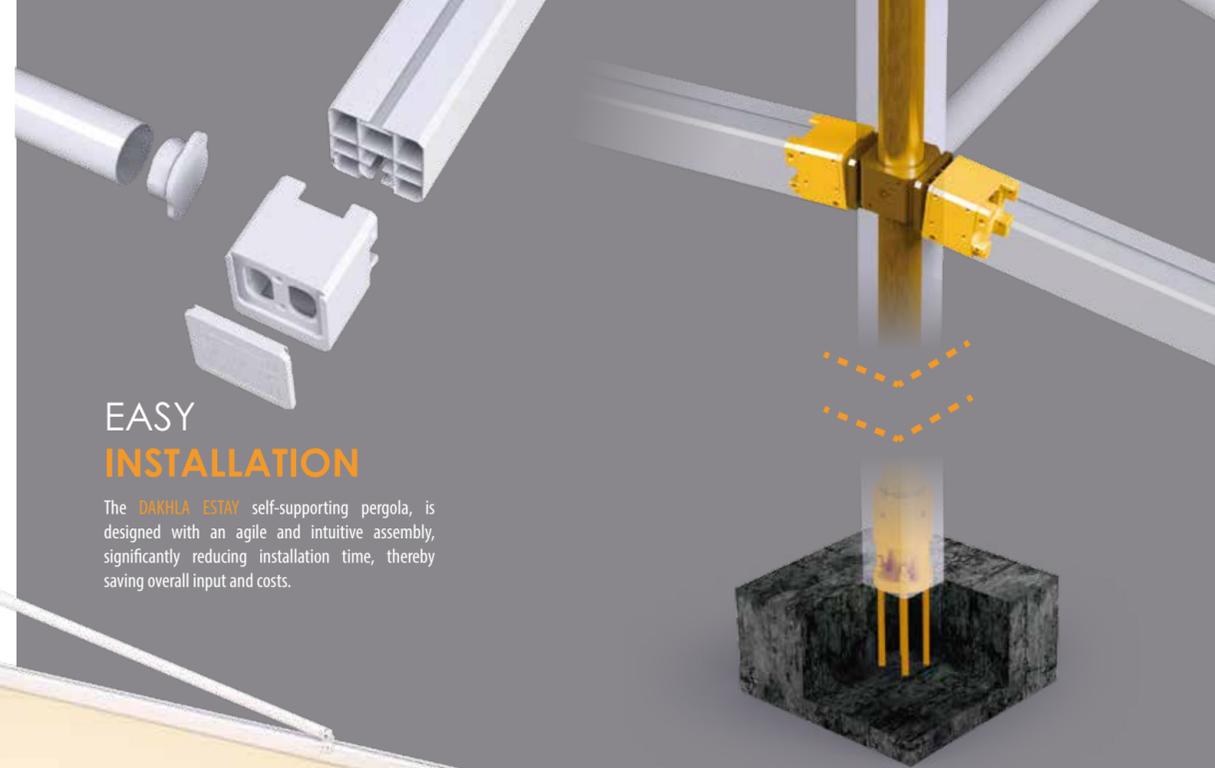
COMPONENTS MACHINED ALUMINIUM

Due to CNC Machining, the resistance and quality of the components provide a level of structural strength that is unique in the industry, combined with the appeal of an integrated minimalist design



EASY INSTALLATION

The **DAKHLA ESTAY** self-supporting pergola, is designed with an agile and intuitive assembly, significantly reducing installation time, thereby saving overall input and costs.



QUALITY & RESISTANCE

The amazing strength of our CNC manufactured joints, and brackets ensures that this pergola remains solid and stable against the force of strong winds.

To ensure even more strength and stability, the inside of the pillars are steel reinforced, connecting to all aluminum parts and floor anchor supports.

RESISTANCE RAIN & WIND

DakhlA's structure remains waterproof, providing a dry comfortable outdoor space.



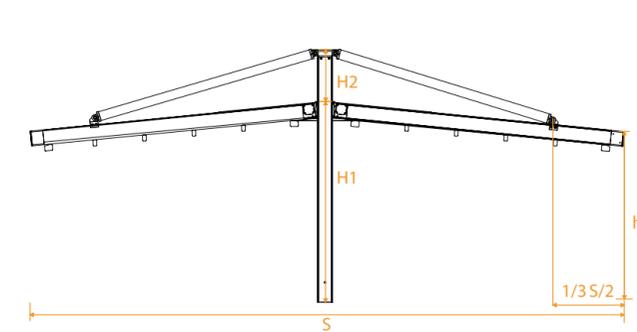
FINISHES

The coating used is certified Qualicoat class 2 (super durable)

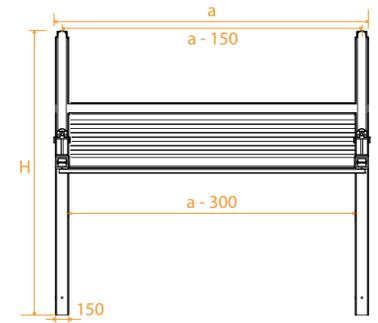


TECHNICAL DETAILS

PROJECTION DIMENSIONS



GENERAL DIMENSIONS



Projection (S)	n° support profiles	X mm	Y mm
3000	4	662	300
4000	6	758	310
5000	8	854	320
6000	10	950	330
7000	12	1046	340

MEASURES

Front height	h	Projection S
Rear height	H1	Width L
Tube height	H2	

FORMULA

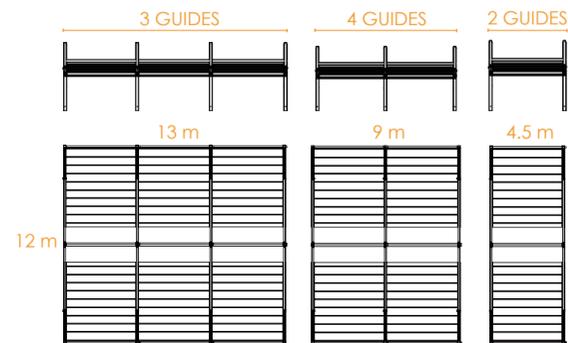
$h = H + S/10$
$h = H + S/20$
500-1000mm

Contemplated for a separation of 50 cm between fabric profiles, for each fabric.

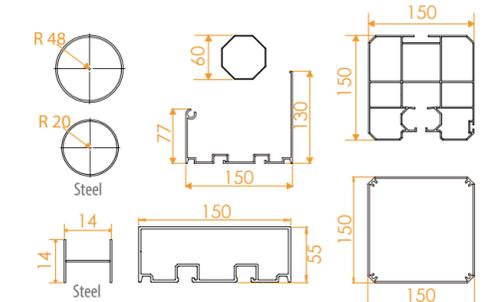
Fabric Profiles



CONFIGURATIONS



Structure Profiles





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