

TEXAS ALUMINUM SYSTEMS

Protect yourselves from the sun with style...

BIOCLIMATIC ALUMINUM PERGOLA LOUNGE

AN ORIGINAL AND INNOVATING CONCEPT



THE BIOCLIMATIC  
ALUMINUM PERGOLA LOUNGE  
by Texas Aluminum Systems

- *Design and esthetics*
- *Double-sheet aluminum walls*
- *Light flow regulated*
- *Total or partial protection*
- *Integrated water evacuation system*
- *Possibility of positioning the sheets in parallel or perpendicular to the facade*

a **1**  year Guarantee



# A PERGOLA ADAPTED TO YOUR DESIRES...

## STANDARD FINISH Frame & Sheets



Anthracite-structured  
RAL7016



Shiny white  
RAL9010



Mixed  
Anthracite-structure &  
Shiny white  
RAL9010



Aluminum white  
RAL9006



Sepia brown  
RAL8014



Deep black  
RAL9005



Light ivory  
RAL1015

## OTHER FINISHES\* Frame & Sheets



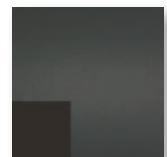
Wines red  
RAL3005



Dove blue  
RAL5014



Light green  
RAL6021

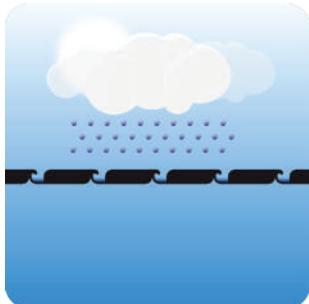


Shadowy earth gray  
RAL7022

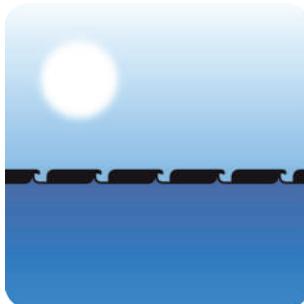
\*Other RAL contact us



PROTECTION AGAINST  
THE STORMS



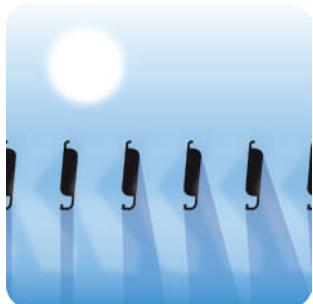
TOTAL PROTECTION  
AGAINST THE SUN



NATURAL  
VENTILATION



SUN-BASED  
ORIENTATION



NEEDING FRESH IN SUMMER?

DOUBLE-SHEET  
ALUMINUM WALLS

DOUBLE SHEET REINFORCED ON  
**35** MM OF THICKNESS



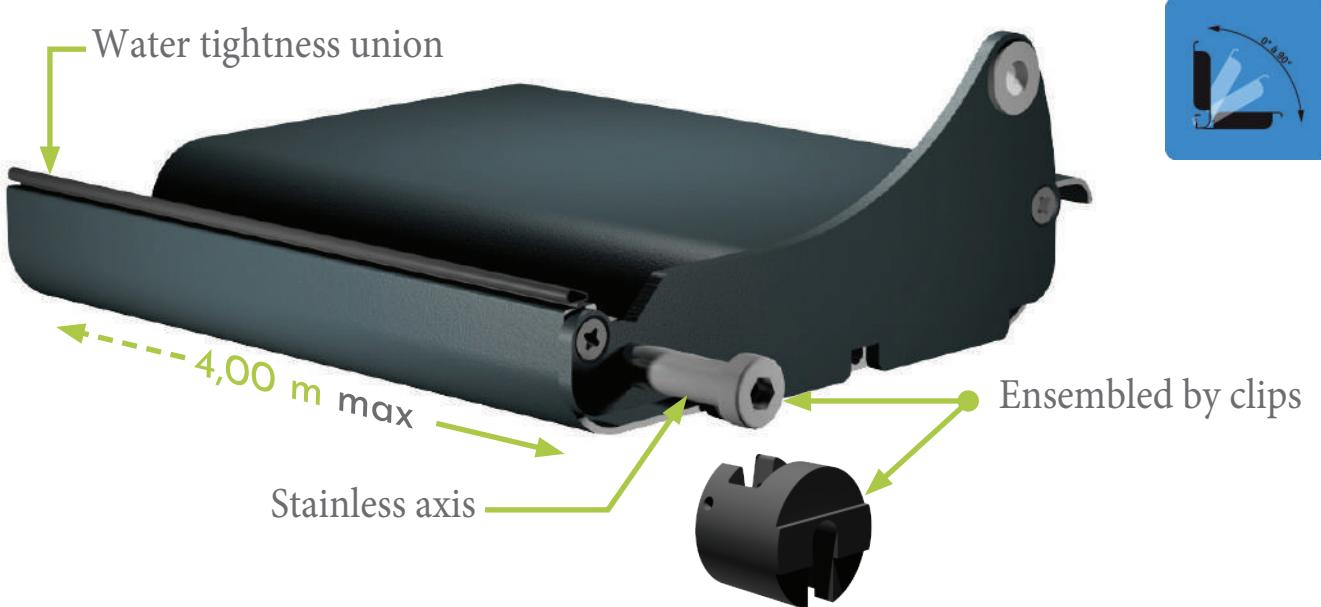
RESISTANCE OF CHARGE

UP TO **720** KG\*

\* Calculated on a 16 m surface



Orientation from **0°** up to **90°**



# RAIN WATER EVACUATION

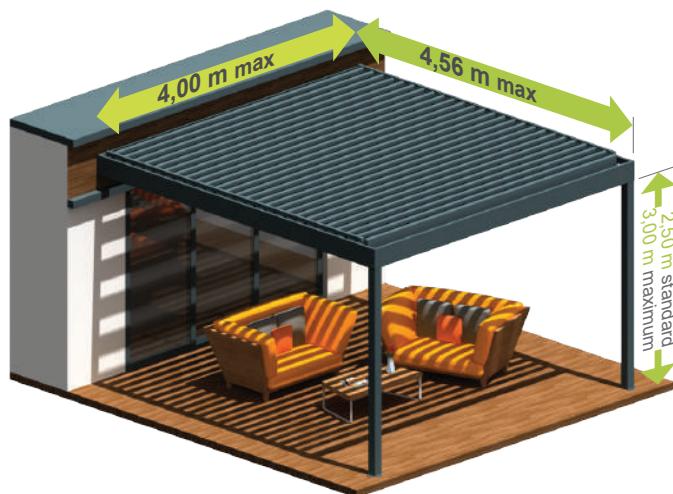
100% SEALED  
SYSTEM



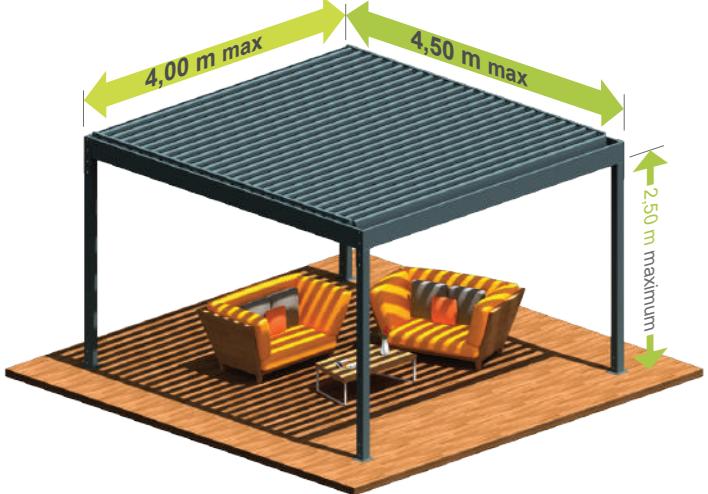
## USE LIMIT

### Bioclimatic Aluminum Pergola Lounge up to **4,00 m**

#### FACADE POSITIONING

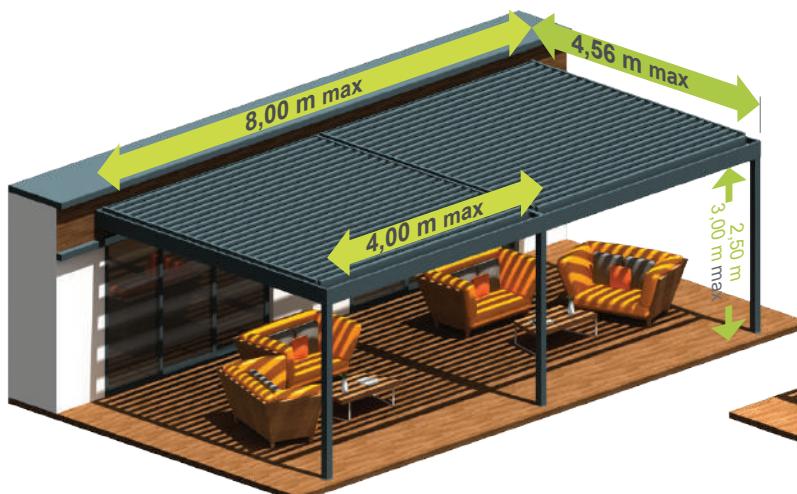


#### ISLET POSITIONING

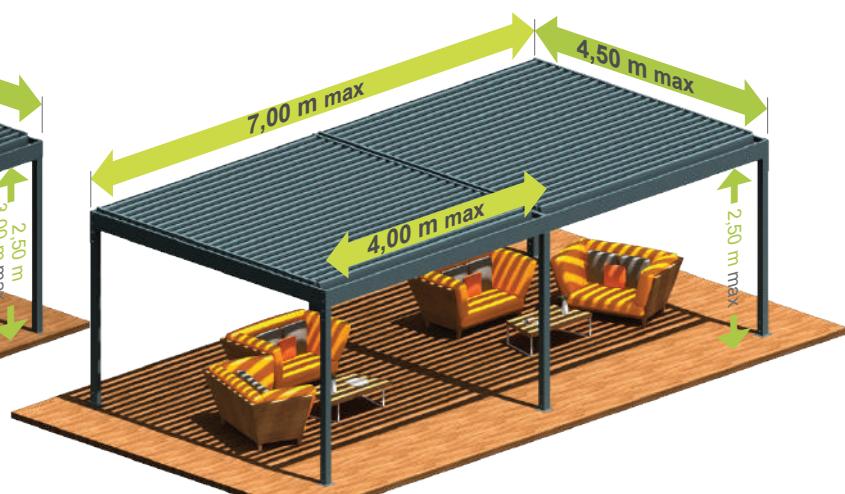


### Bioclimatic Alumunum Pergola Lounge over **4,00 m**

#### FACADE POSITIONING



#### ISLET POSITIONING



### Bioclimatic Aluminum Pergola Lounge up to **4,50 m**

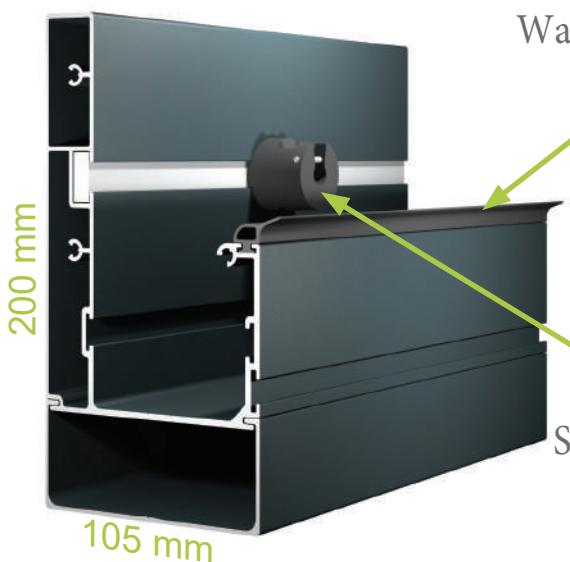
#### FACADE POSITIONING



# ALUMINIUM STRUCTURE

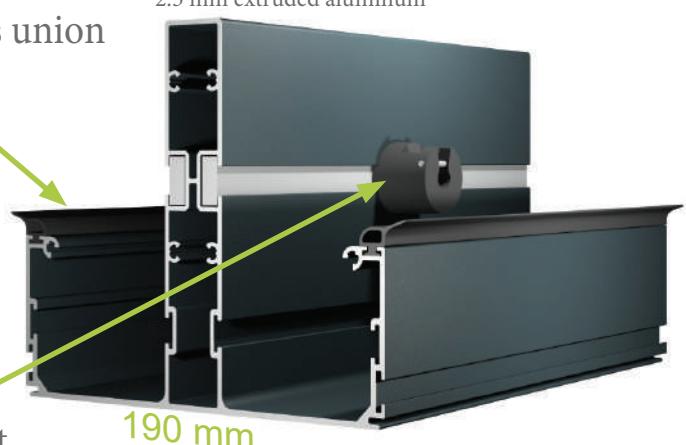


**SIDE RAFTER**  
2.5mm extruded aluminum



**CENTRAL RAFTER**

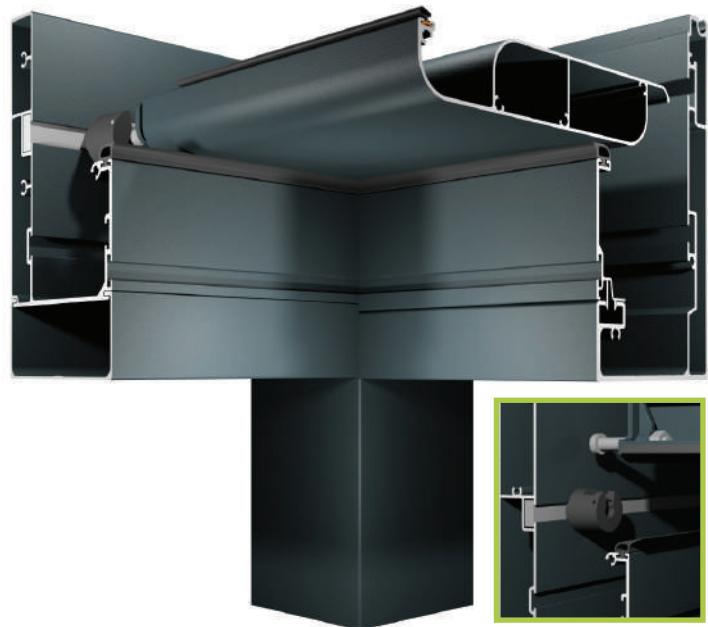
(if superior to 4m large)  
2.5 mm extruded aluminum



**FRONTAL RAFTER**  
2.5 mm extruded aluminum



**ENSEMBLE POLE,  
FRONTAL RAFTER,  
SIDE RAFTER AND  
SHEET**



## LIGHTNING AND MOTORIZATION



### LED LIGHTNING KIT - 24V

- Remote control
- Environment light projection
- Intensity variation
- White light 3500°k

### TELCO PISTON

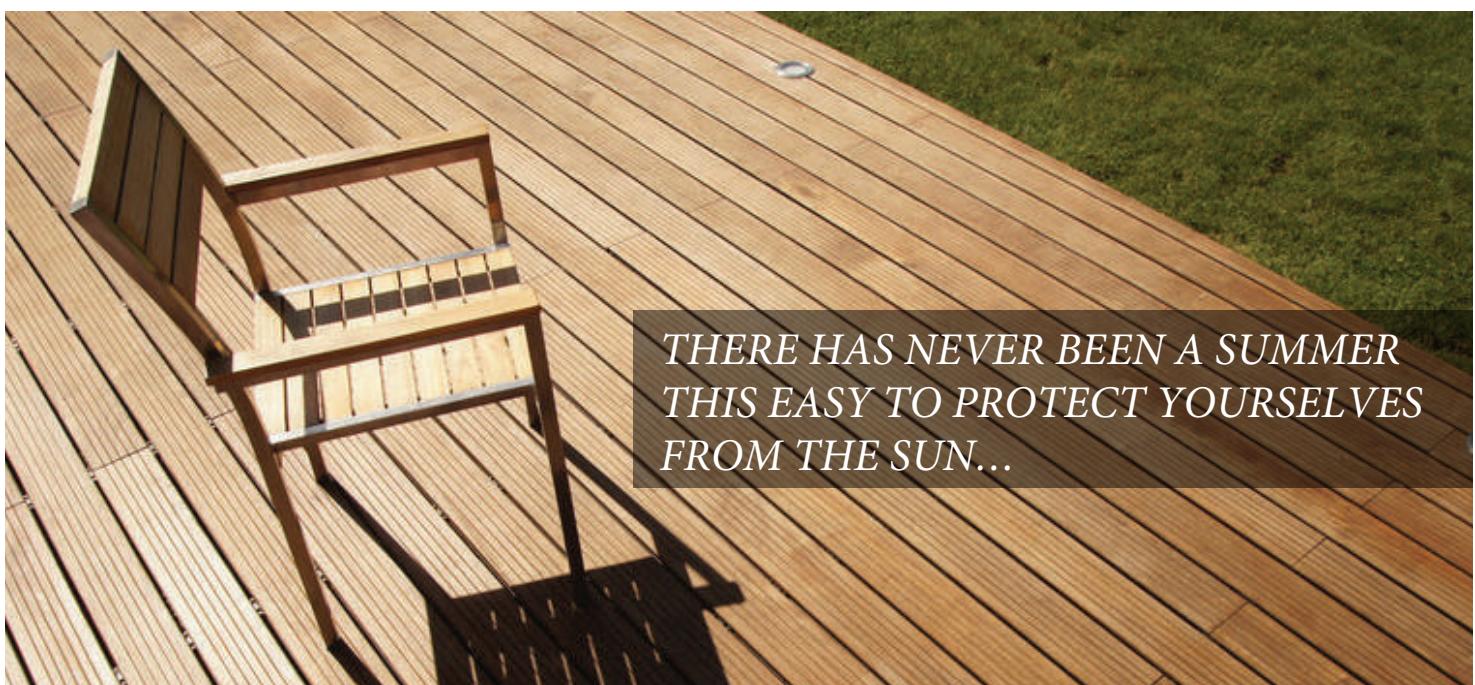
- 2500 N push
- 200 MM course
- Protection index of IP44
- Feeding tension 24 VDC
- Remote control



### TELCO AUTOMATIZATION

- Automatic open and close
- Preprogrammed sheet position
- Clarity intensity adjustment
- Regulated wind fastness from 40 up to 70 Km/h
- Outbreak sensor for rainy days







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