



**FUSION**

Pergolas

**Dirello**

ITALIAN OUTDOOR DESIGN

# FUSION

The extroverted design achieved by the combination of awning and cantilever louver at the end made of aluminum blades, expressive element, decorative feature of the virtuous aluminum pergola FUSION.

It is installed anchored to wall sloped, to determine the slope value see the slope page of the product. with retractable horizontal awning, with stretched canvas when open and folded when closed, thanks to a system of aluminum guides (sec 150x50) and sliding carriages that allows motion.

It is equipped with protection roof and strong built-in gutter, newly designed to allow rainwater drainage direct into the pillar, maximum functionality when positioning pillars, (section 115x115 mm) to allow the most appropriated placement and getting the most useful front interaxis. The solid intermediate profiles supports the weathering loads exerted (snow excluded). It offers reliable protection against sun and rain.

The structure is supplied with PVC coated fabrics fireproof class 2, overshadow, stain-resistant and treated to protect the fabric from the action of UVA rays and against water and micrograms.

Motion is with manual winch (max 15 sq. m.) or with electronic motor and remote control of your choice.

Maximum dimensions 1300 cm wide and 700 cm projection, 91 sq. m. of surface area covered.

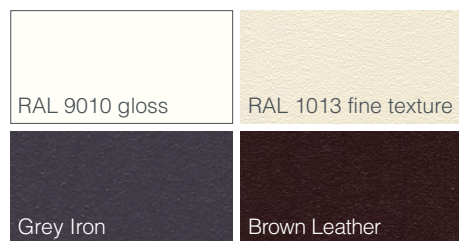
BREVETTATO

PATENTED

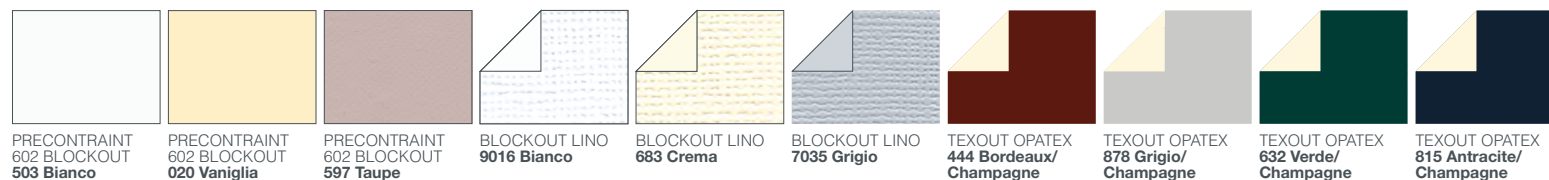
OUTDOOR  
LED  
SYSTEM

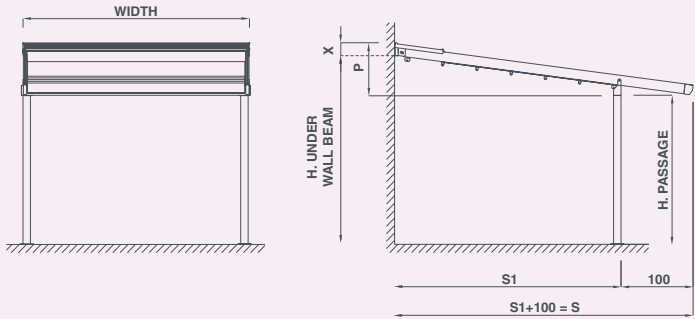


## STANDARD COATING //



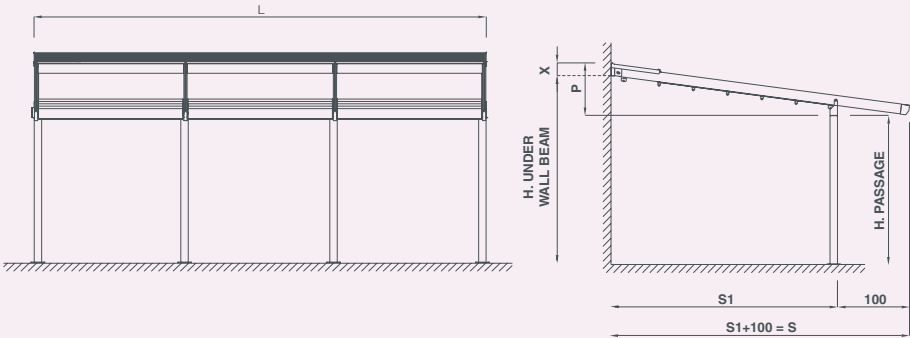
## STANDARD TEXTILE //





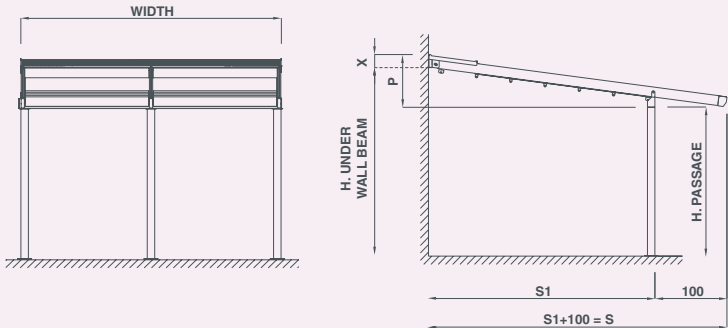
**FUSION //**  
**SINGLE FORM**  
**2 GUIDES**

(L: max 325 cm)  
(S: max 700 cm)



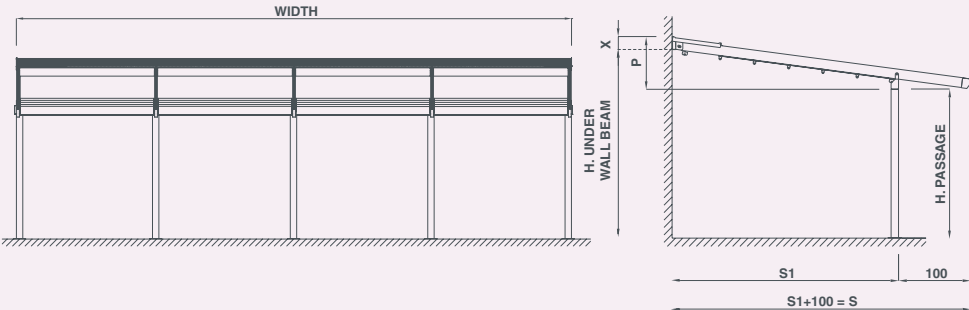
**FUSION //**  
**TRIPLE FORM**  
**4 GUIDES**

(L: max 975 cm)  
(S: max 700 cm)



**FUSION //**  
**DOUBLE FORM**  
**3 GUIDES**

(L: max 650 cm)  
(S: max 700 cm)



**FUSION //**  
**MODULE QUADRUPLE**  
**5 GUIDES**

(L: max 1300 cm)  
(S: max 700 cm)

# FUSION // SINGLE FORM

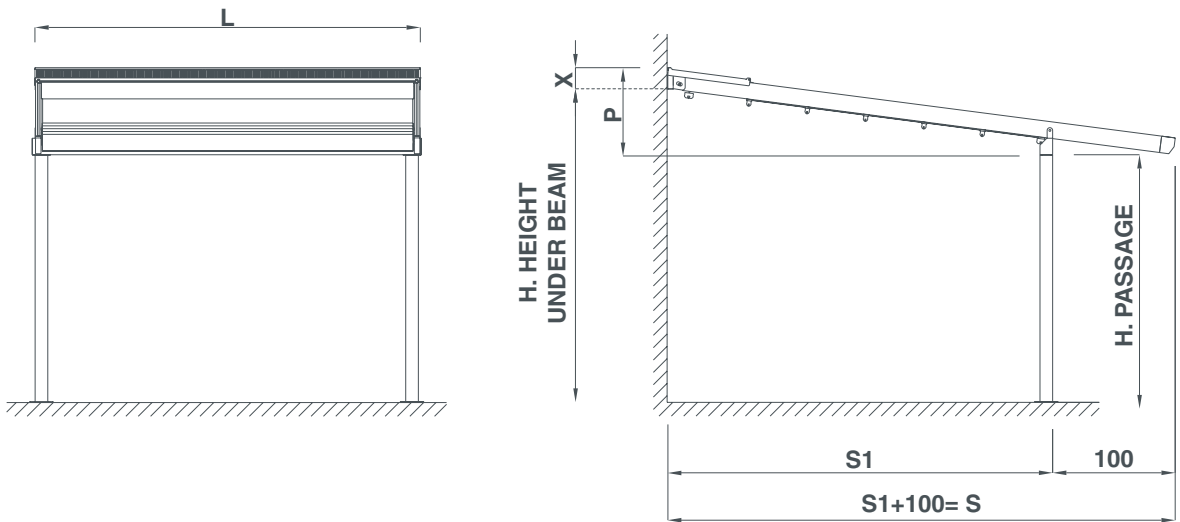
**For proper rainwater runoff:**  
see slopes table page 115

**Wind resistance:**  
UNI EN 13659: class 3  
(corresponding to grade six  
on the Beaufort scale)

**Watertightness:**  
25 l / h per sqm.

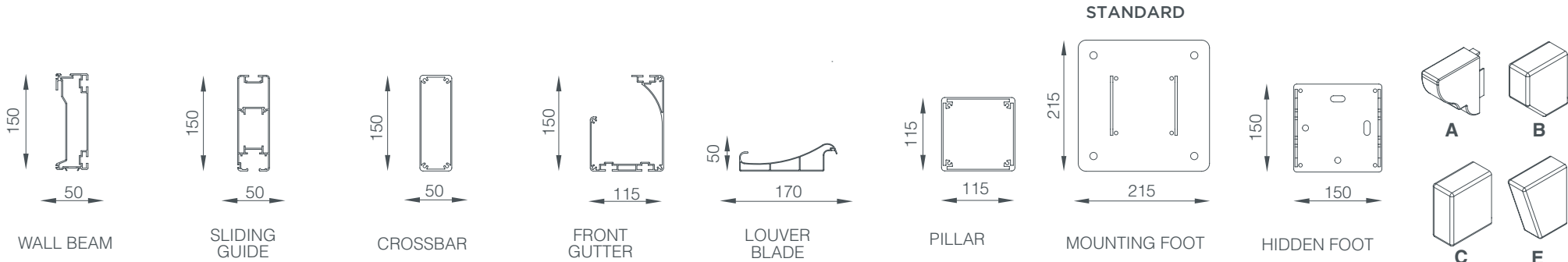
L width  
S projection  
X overall fixing dimension  
P slope

L	max total width single form	325 cm.
S	max total projection	700 cm.
X	overall fixing dimension	20 cm.
P	slope	



## TECHNICAL DETAILS //

## CAPITALS //



# FUSION // DOUBLE FORM

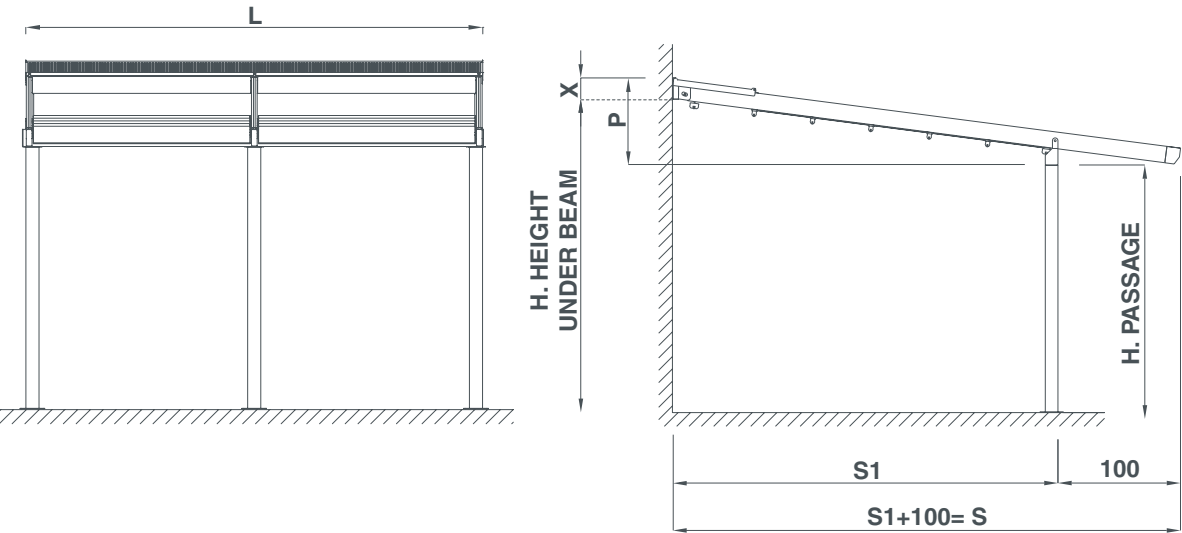
**For proper rainwater runoff:**  
see slopes table page 115

**Wind resistance:**  
UNI EN 13659: class 3  
(corresponding to grade six  
on the Beaufort scale)

**Watertightness:**  
25 l / h per sqm.

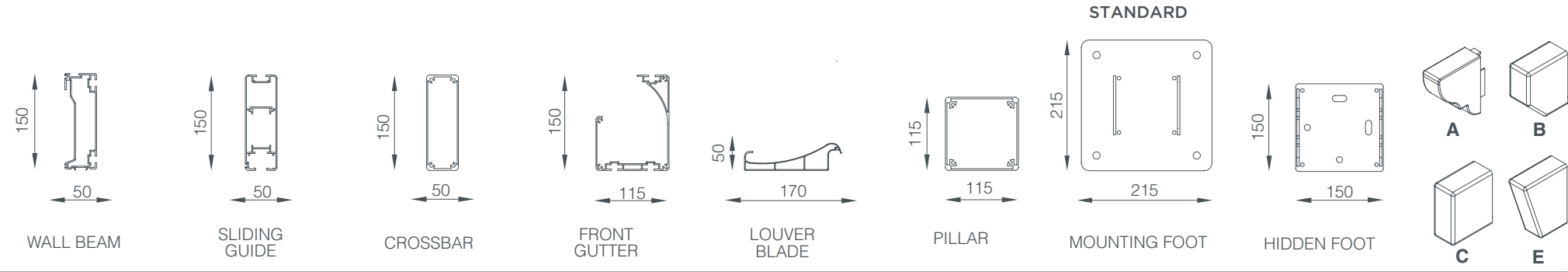
- L width
- S projection
- X overall fixing dimension
- P slope

- L max total width double form 650 cm.
- S max total projection 700 cm.
- X overall fixing dimension 20 cm.
- P slope



## TECHNICAL DETAILS //

## CAPITALS //





# FUSION // TRIPLE FORM

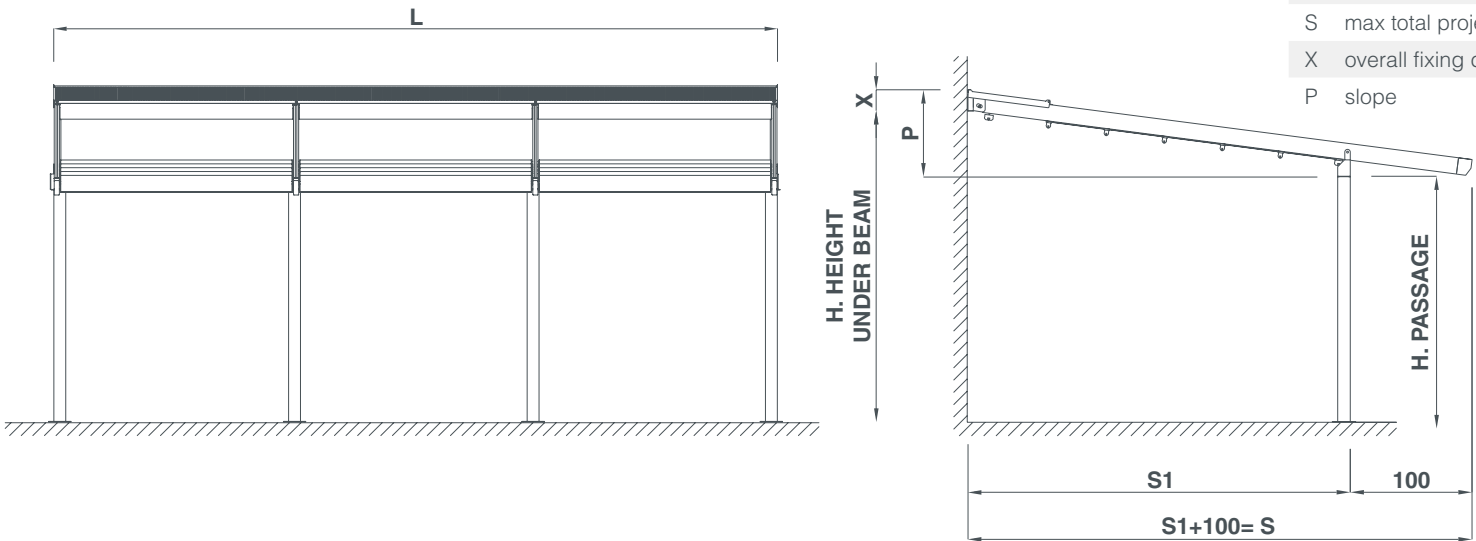
**For proper rainwater runoff:**  
see slopes table page 115

**Wind resistance:**  
UNI EN 13659: class 3  
(corresponding to grade six  
on the Beaufort scale)

**Watertightness:**  
25 l / h per sqm.

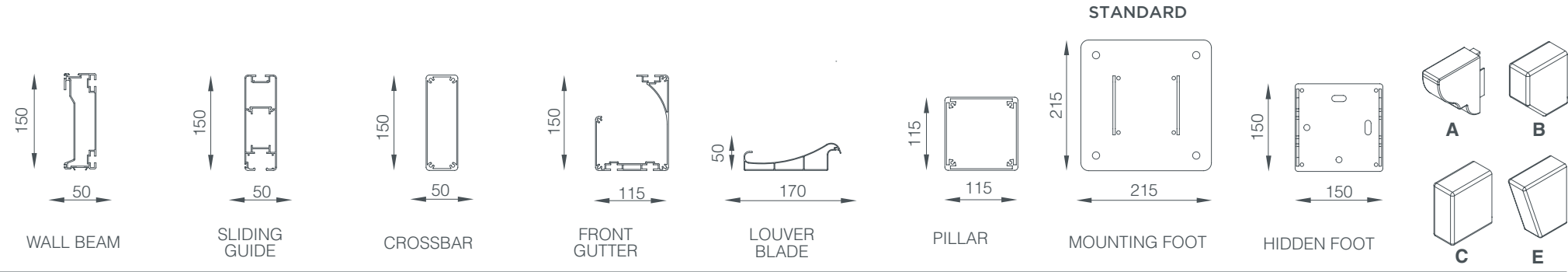
L width  
S projection  
X overall fixing dimension  
P slope

L max total width triple form 975 cm.  
S max total projection 700 cm.  
X overall fixing dimension 20 cm.  
P slope



## TECHNICAL DETAILS //

## CAPITALS //



# FUSION // MODULE QUADRUPLE

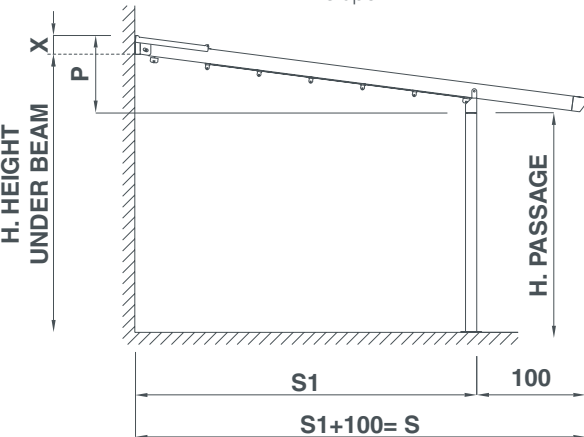
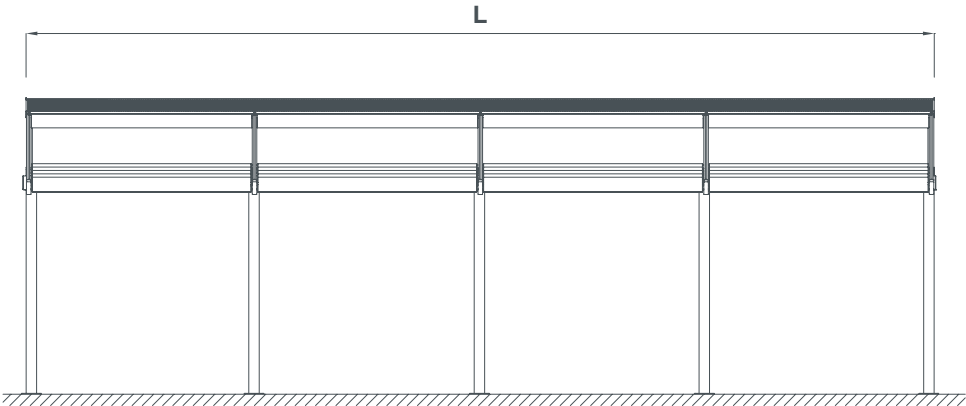
**For proper rainwater runoff:**  
see slopes table page 115

**Wind resistance:**  
UNI EN 13659: class 3  
(corresponding to grade six  
on the Beaufort scale)

**Watertightness:**  
25 l / h per sqm.

- L width
- S projection
- X overall fixing dimension
- P slope

L	max total width quadruple form	1300 cm.
S	max total projection	700 cm.
X	overall fixing dimension	20 cm.
P	slope	



## TECHNICAL DETAILS //

## CAPITALS //

150  
50

WALL BEAM

150  
50

SLIDING GUIDE

150  
50

CROSSBAR

150  
115

FRONT GUTTER

50  
170

LOUVER BLADE

115  
115

PILLAR

215  
215

MOUNTING FOOT

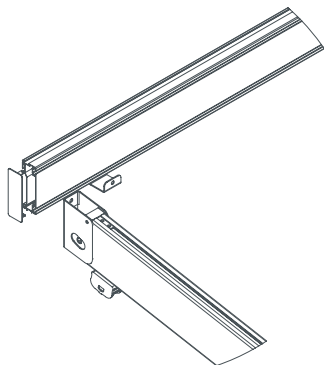
150  
150

HIDDEN FOOT

A B

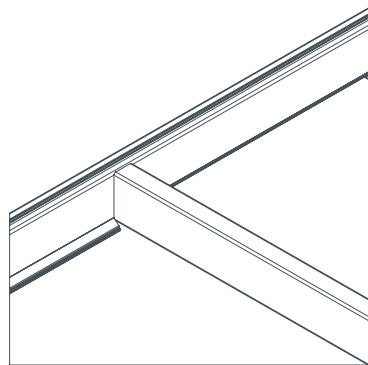
C E

## STANDARD ELEMENTS //



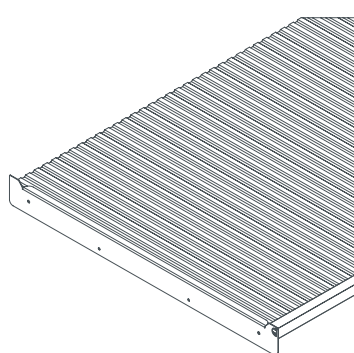
### WALL BEAM

Extruded aluminum profile that allows the wall anchorage fast and easy



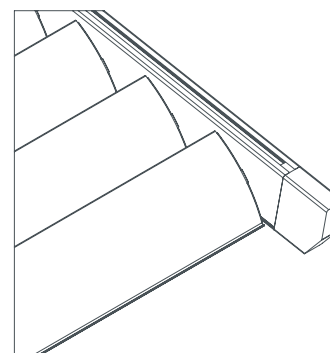
### CROSSBAR

Additional extruded aluminum profile, to support the protection roof.



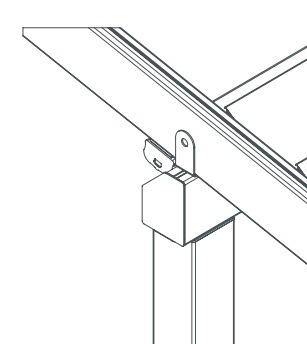
### PROTECTION ROOF

Extruded aluminum slats and edging profiles with seal gasket.



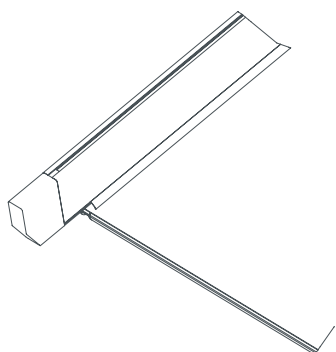
### CANTILIVER LOUVER

Composed of aluminum blades, for further shade.



### INTEGRATED GUTTER

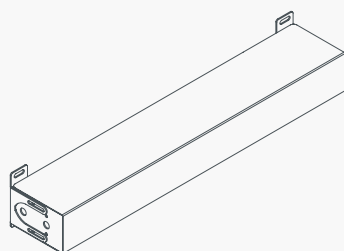
Extruded aluminum profile to collect rainwater with direct discharge into the pillars.



### DRIPLESS PROFILE

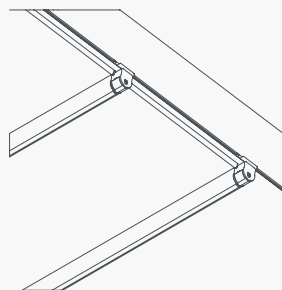
Aluminum profile with seal gasket to limit side infiltration of rainwater that might occur in the case of wind and rain.

## ADDITIONAL ELEMENTS //



### MOTOR OPERATION

Electronic tubular motor for sliding and tensioning the awning fabric supplied in a protective box, Secure Box in stainless steel.



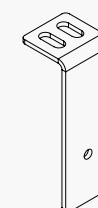
### LED LIGHTING

Outdoor LED system is the patented LED lighting system, set on the intermediate profiles. See page 8



### WINCH OPERATION

Manual-operation for sliding canvas, only for 2 guides type and up to 300 cm. projection.



### CEILING ANCHORAGE

Stainless steel brackets for ceiling anchorage.



# Dirello

ITALIAN OUTDOOR DESIGN