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| AIRE

SINGLE PERFORATED ALUMINIUM SLAT



ALUMINIUM RANGE PRODUCT DATA SHEET



| AIRE XL SINGLE ALUMINIUM SLAT 95 x 15,5 thickness 2 mm

- Technical data -

The feasibility of the maximum width and height dimensions depends on the **accessories** and the **automation system**. Technical specifications — such as weight, wind resistance and opening speed — also vary depending on the **type of slat selected**.

In addition, the installation location and external conditions must be analysed to determine the wind resistance class and the optimum dimensions of the shutter.

| • Manufacturing and materials

The single slat is manufactured through a high-quality aluminium extrusion process. Its structure complies with the international standards UNE-EN 755-9 and 12020-2, as well as UNE-EN 515 and UNE-EN 516, ensuring durability and safety in its application.

| • Alloy

The element is manufactured from EN AW-6060 or EN AW-6063 aluminium alloys, known for their strength and versatility in architectural and construction applications.

| • SIDE GUIDES • | ALUMINIUM

Single | 70x33,4

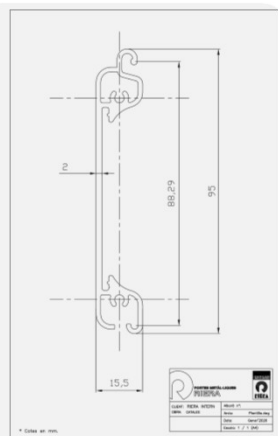
Reinforced guide



80x76,9



double
116,90x80



| END CAPS

96X15,8 thickness 1

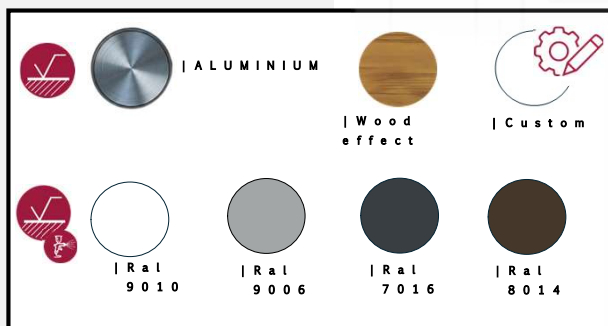
Our curtain is closed with a **stainless steel** end cap made from 304 & 316 alloy.



| ALUMINIUM BOTTOM RAIL 138,3X15,5 thickness 1,7

The lower part of the bottom rail includes a rubber seal that improves weather tightness, as well as a bearing that facilitates sliding along the guides.

- Finishes and models -



The anodised finish carries the **QUALANOD** quality seal, ensuring superior protection against corrosion and a uniform aesthetic finish. The powder coating process also carries the **QUALICOAT** quality seal, guaranteeing an even coating resistant to adverse environmental conditions.

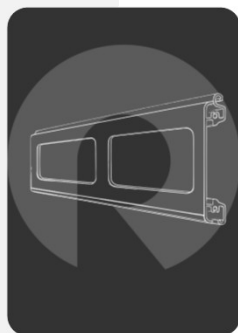
For a “wood effect”, the powder coating is carried out under the **QUALIDECO** quality seal, offering a natural and elegant appearance that integrates perfectly into different architectural environments.



| AIRE FAMILY



INTERIOR OPTION
1 mm POLYCARBONATE



| AIRE L

**SINGLE PERFORATED
ALUMINIUM SLAT
145X43**

95 x 15,5 thickness 2 mm
INTERIOR OPTION
1 mm POLYCARBONATE



| AIRE XL

**SINGLE PERFORATED
ALUMINIUM SLAT
310X43**

95 x 15,5 thickness 2 mm
INTERIOR OPTION
1 mm POLYCARBONATE



| AIRE CUSTOM

**CUSTOMISED
PERFORATED SINGLE
ALUMINIUM SLAT**

95 x 15,5 thickness 2 mm
INTERIOR OPTION
1 mm POLYCARBONATE



| AIRE VISIO

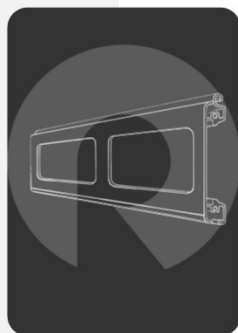
**SINGLE PERFORATED
ALUMINIUM SLAT
MAXIMUM**

95 x 15,5 thickness 2 mm
INTERIOR
1 mm POLYCARBONATE



.en

| AIR FAMILY – OPTIONAL 1 mm POLYCARBONATE INTERIOR



exolon
GROUP

Surface Finish

Color	
Glossy Smooth	
Matte	

Colors

Color	
Clear	
White Opal	
White Diffuser	
LB (Light Box Diffuser)	
Off White	
Cream	
Bronze	
Yellow	
Red	
Red Brick	
Blue	
Dark Blue	
Mint Green	
Green	
Dark Green	
Light Grey	
Grey	
Dark Grey	
Brown	
Black	
Solar Ice	
Smart Green	
Smart Blue	
Bluish Breeze™	
Solar Olympic	
Solar Gray	
Solar Control	

ADVANTAGES

- PROTECT THE ACCESS
- ENHANCE THE AESTHETICS
- CUSTOMISABLE – COLOURS

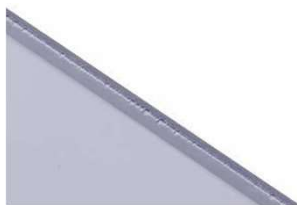
PALSUN® Technical Guide | Flat Solid Polycarbonate Sheet

PALSUN® Technical Guide | Solid Polycarbonate Sheet

PALSUN combines **superior impact resistance** with **high transparency**, making it the ideal material for demanding applications. A PALSUN closure is **virtually unbreakable**, with glass-like transparency and **less than half the weight of glass**. It can be **curved** to form arched structures, façades, roofs or domed skylights

PALSUN **thermoforming** is ideal for creating **skylights, light boxes** and other applications.

Available with **BioBase™ Bio-Attributed Feedstock**.



PALSUN®

Solid polycarbonate sheet with a **UV protection layer on one side**. Suitable for both **outdoor** and **indoor** applications.

Typical Applications

- Construction & Architecture
- Roofing & Glazing
- Machine Guards
- Lighting Fixtures



UV Protection



Durable Against Impact



Lightweight



Variety of Finishes



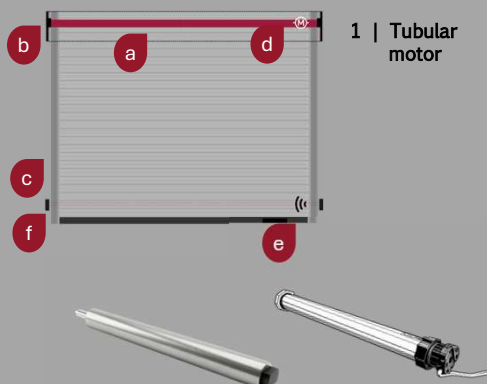
High Optical Clarity



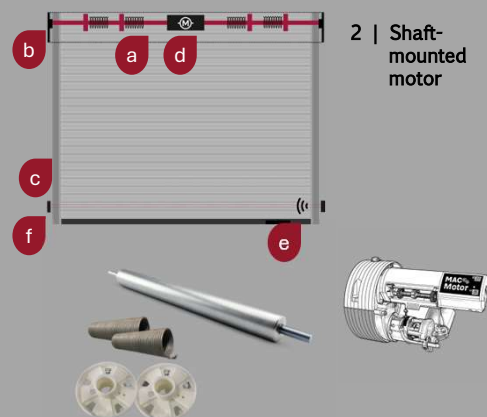
10 Years Warranty

TECHNICAL SPECIFICATIONS

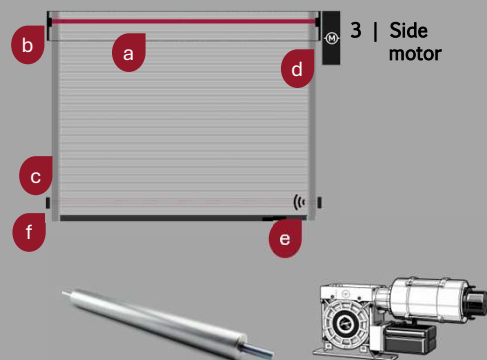
1 | Tubular motor



2 | Shaft-mounted motor



3 | Side motor



a Cover box

Aluminium box with a range of designs to suit different aesthetic requirements, from a front cover to a box that fully integrates and encloses the entire assembly.



b Brackets and shafts

Support components for securing the roller shutter shaft, available in different configurations to suit the geometry of the installation. The mobile support is particularly recommended for heights above 4 metres.



c Guides

We offer three types of guides to adapt to different installation geometries, increase the overall strength of the assembly or incorporate unlocking boxes.

d Automation: Motors

Motors technically adapted to each use and size.

1|**Tubular motor** with a compact cylindrical body available in different sizes.

2|**Shaft-mounted motor** with helical springs for greater durability, with two options: DC for intensive use and AC power.

3|**Side motor** with a customizable location depending on the project. Can be three-phase or with a frequency inverter (single-phase).

e Safety and control

Safety edge, controls and photocells.



f Base rail and end fittings

Bottom slat with rubber guide to ensure proper closure with the floor.



COILING

CHECK MAXIMUM SIZE ACCORDING TO THE MOTOR



ACCESSORIES

TO BE DEFINED ACCORDING TO THE DOOR'S USE

(warning light, unlocking box location, mailbox, letter slot, AppRiera app, etc.)



PRODUCT APPLICATIONS

