

Product data sheets



Roller SHUTTERS



| ALUMINIUM RANGE



BASIC

AIRE

L
XL
CUSTOM
VISIO

01.01
01.01a



SECURE

MICRODOT

PANORAMIK

L
XL
CUSTOM

01.01b
01.02
01.02a

OPAK – PC

AISLA

– PUR
– PIR

01.02b
01.02c

| GALVANIZED STEEL RANGE



RIE-10

RIE-10 PRELACADA

RIE-10 TROQUEL

RIE-10 MICRO

02.01
02.01a
02.01b
02.01c



RIE-10 DN

02.02



ONDULADA

ONDULADA MICRO

02.03



ThermaBlock GALVA

02.04

| RIDECOR RANGE



ITALIA GALVA

03.01



DECOR ZINCADA

03.02

RECTA

INTERCALADA



VARILLA ZINCADA

03.03

AROS

CONCHA

| SELF-LOCKING RANGE



MINI BLOC

04.01



MAXI BLOC

04.02



| BASIC SINGLE ALUMINIUM SLAT



ALUMINIUM RANGE PRODUCT DATA SHEET



| BASIC 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



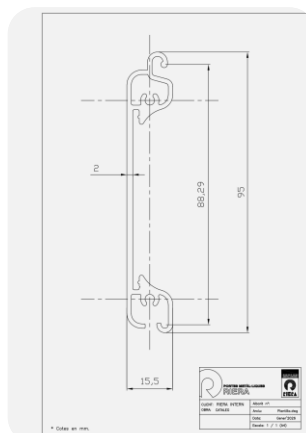
Reinforced guide



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.

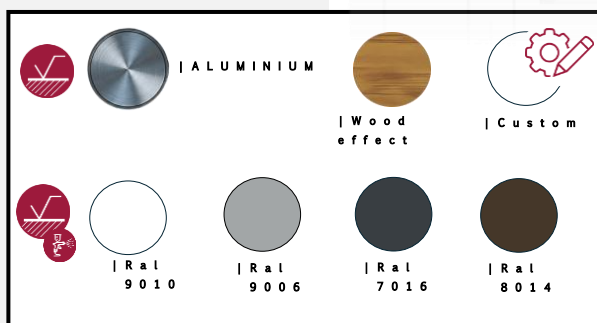


| ALUMINIUM BOTTOM RAIL

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.



| BASIC FAMILY

| BASIC SINGLE ALUMINIUM SLAT

95 x 15,5 thickness 2 mm

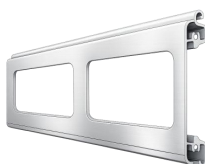


| AIRE L SINGLE PERFORATED ALUMINIUM SLAT 145X43

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 SINGLE PERFORATED ALUMINIUM SLAT CUSTOMISED

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



| MICRODOT SINGLE PERFORATED ALUMINIUM SLAT

95 x 15,5 thickness 2 mm



I01.01a



| AIRE

SINGLE PERFORATED ALUMINIUM SLAT



ALUMINIUM RANGE PRODUCT DATA SHEET



| AIRE XL

SINGLE ALUMINIUM SLAT

95 x 15,5 thickness 2 mm

- Technical data -

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

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| - 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



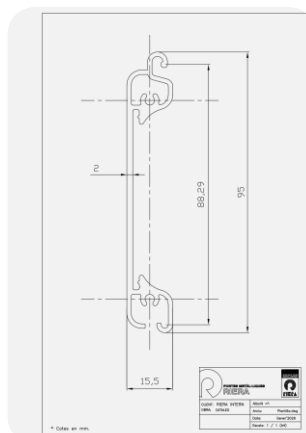
Reinforced guide



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.

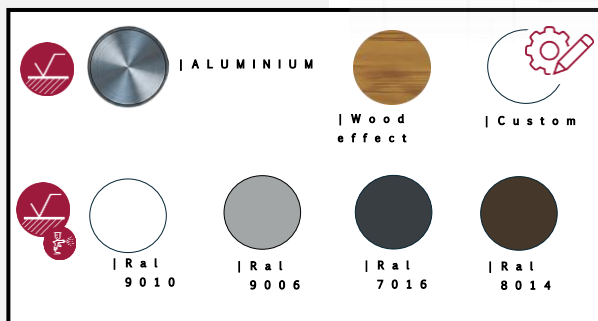


| ALUMINIUM BOTTOM RAIL

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.

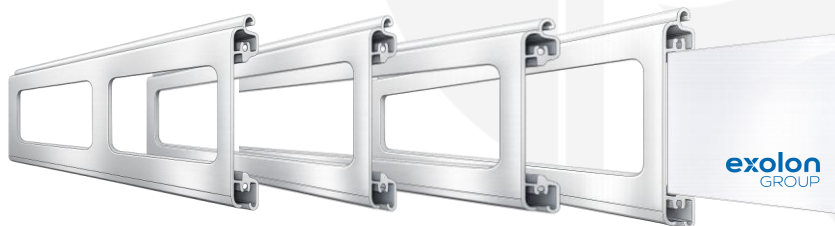
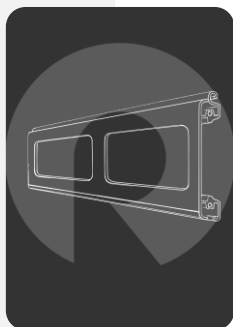
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| AIRE FAMILY



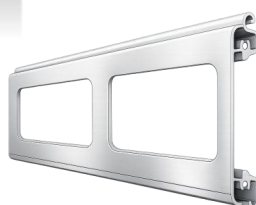
INTERIOR OPTION
1 mm POLYCARBONATE



| 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

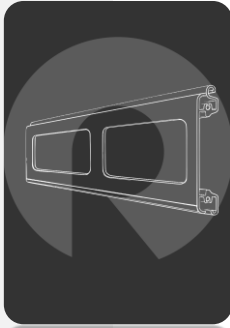
SINGLE PERFORATED ALUMINIUM SLAT MAXIMUM

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



.en

| AIR FAMILY – OPTIONAL 1 mm POLYCARBONATE INTERIOR



exolon
GROUP

ADVANTAGES

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

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	

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

I 01.01b



| MICRODOT

SINGLE MICROPERFORATED ALUMINIUM SLAT



ALUMINIUM RANGE
PRODUCT DATA SHEET



| AIRE XL
SINGLE ALUMINIUM SLAT

95 x 15,5 thickness 2 mm

OPCIÓN > 1 mm

POLYCARBONATE



- 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**.

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| - Alloy

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| - SIDE GUIDES - |
ALUMINIUM

Single | 70x33,4



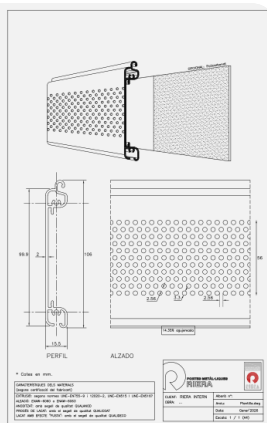
Reinforced guide



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.

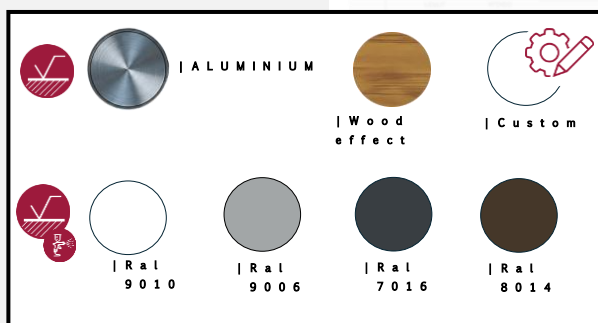


| ALUMINIUM BOTTOM RAIL

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.





ALUMINIUM RANGE PRODUCT DATA SHEET



- 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**.

Under standard conditions, the doors can reach approximately **10 metres**, and wind resistance can be classified as Class 3, 4 or 5.

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| • SIDE GUIDESS • |

ALUMINIUM

Single | 70x33,4



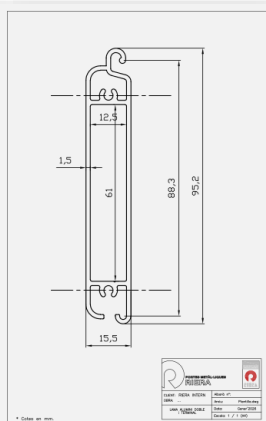
Reinforced guide



80x76,9



double
116,90x80



| END CAPS

85,4X17,8 thickness 1

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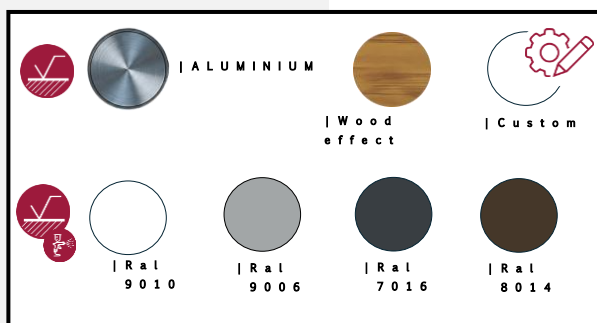


| ALUMINIUM BOTTOM RAIL

138,3X15,5 thickness 1,7

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- Finishes and models -



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| SECURE FAMILY

| SECURE
DOUBLE
ALUMINIUM SLAT
 95 x 15,5
 thickness 1,5 mm



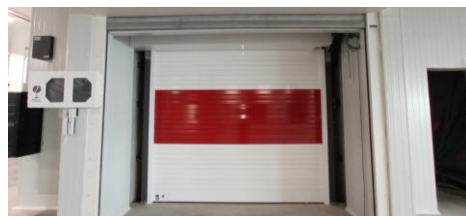
| PANORAMIK
DOUBLE
ALUMINIUM SLAT
 95 x 15,5
 thickness 1,5 mm
 12 mm
 POLYCARBONATE
 (perforations of
 different sizes)



| OPAK - PC
DOUBLE
ALUMINIUM SLAT
 95 x 15,5
 thickness 1,5 mm
 12 mm
 POLYCARBONATE



| AISLA PUR
DOUBLE
ALUMINIUM SLAT
 95 x 15,5
 thickness 1,5 mm
 10 mm FOAMED
 POLYURETHANE



| AISLA PIR
DOUBLE
ALUMINIUM SLAT
 95 x 15,5
 thickness 1,5 mm
 10 mm
 POLYISOCYANURATE





PANORAMIK

DOUBLE ALUMINIUM SLAT



ALUMINIUM RANGE

PRODUCT DATA SHEET



PANORAMIK
DOUBLE ALUMINIUM SLAT
 95 x 15,5 thickness x 1,5 mm
 12 mm POLYCARBONATE
 (perforations of different sizes)



- 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**.

Under standard conditions, the doors can reach approximately **10 metres**, and wind resistance can be classified as Class 3, 4 or 5.

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| • 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



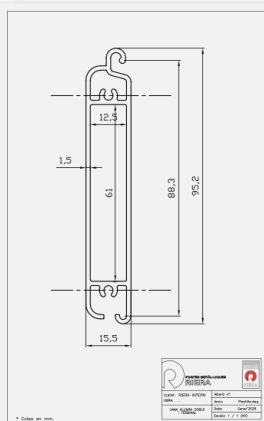
Reinforced guide



80x76,9



double
116,90x80



| END CAPS

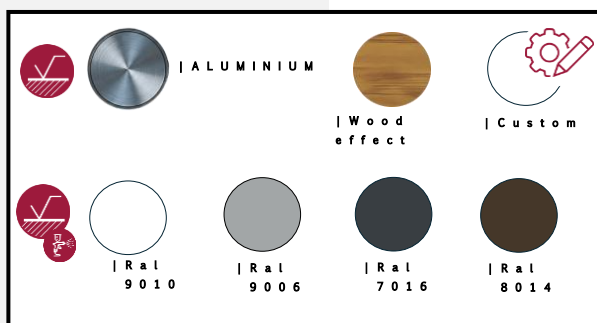
85,4x17,8 thickness 1
 Our curtain is closed with a **stainless steel** end cap made from 304 & 316 alloy.



| 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.

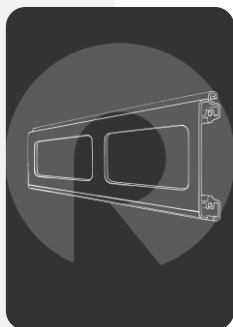
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| PANORAMIK FAMILY



INTERIOR OPTION
12 mm POLYCARBONATE



| PANORAMIK L DOUBLE PERFORATED ALUMINIUM SLAT 145X43

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



| PANORAMIK XL DOUBLE PERFORATED ALUMINIUM SLAT 310X43

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



| PANORAMIK CUSTOM CUSTOMISED PERFORATED DOUBLE ALUMINIUM SLAT

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

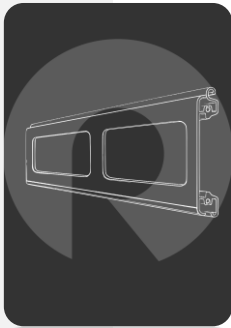


| PANORAMIK VISIO DOUBLE PERFORATED ALUMINIUM SLAT

MAX. 120 mm
95 x 15,5
thickness 1,5 mm
INTERIOR
12 mm POLYCARBONATE



.en



exolon
GROUP

Exolon® AR

Solid polycarbonate sheet
resistant to abrasion

Exolon® AR is a polycarbonate sheet with **abrasion resistance** and **enhanced UV protection**, offering glass-like hardness combined with the impact resistance of standard polycarbonate. In addition, **Exolon® AR 8099** provides, on **both sides**, superior resistance to **glare, yellowing and fogging**, ensuring a long service life in high-performance architectural glazing applications. **Exolon® AR 7099** is a **sheet with a hard coating on one side**, suitable for **lamination and printing** on the uncoated side. **Exolon® AR** comes with a **10-year warranty against breakage** and a **7-year warranty against delamination and ageing due to weathering**.

Applications:

Typical applications for **Exolon® AR** sheet include **transparent acoustic barriers, glazing for shelters in schools and hospitals**. **Exolon® AR** is also widely used in **correctional facilities and psychiatric facilities**. In addition, the product performs very well in **viewing windows and machine guards** in aggressive chemical environments. Due to its **scratch-resistant coating**, **Exolon® AR cannot be thermoformed** like other Exolon® sheets

ADVANTAGES

- ANTI-VANDAL PROTECTION
- HIGH IMPACT RESISTANCE
- VISIBILITY

	Test Conditions	Typical values ⁽¹⁾	Unit	Standard
PHYSICAL				
Density	water at 23 °C	1200	kg/m ³	ISO 1183-1
Water absorption saturation	23 °C, 50% relative humidity	0.30	%	ISO 62
Water absorption equilibrium	Procedure A	0.12	%	ISO 62
Refractive index		1.587	–	ISO 489
MECHANICAL				
Tensile modulus	1 mm/min	2350	MPa	ISO 527-1,-2
Yield stress	50 mm/min	> 60	MPa	ISO 527-1,-2
Yield strain	50 mm/min	6	%	ISO 527-1,-2
Strain at break	50 mm/min	120	%	ISO 527-1,-2
Flexural modulus	2 mm/min	2350	MPa	ISO 178
Flexural strength	2 mm/min	90	MPa	ISO 178
Taber abrasion resistance	Δ haze after 100 cycles (500 g CS 10F) after 500 cycles	1 – 4 4 – 9	%	ASTM D1044 & ANSI Z26.1
THERMAL				
Vicat softening temperature	50 N, 50°C/h	148	°C	ISO 306
Thermal conductivity	23°C	0.20	W/(m.K)	ISO 8302
Coefficient of linear thermal expansion	23 to 55°C	0.65	10 ⁻⁶ /K	ISO 11359-1,-2
Temperature of deflection under load	1.80 Mpa	128	°C	ISO 75-1,-2
Temperature of deflection under load	0.45 Mpa	140	°C	ISO 75-1,-2

⁽¹⁾ These values are measured on injection molded samples, and are not intended for specification purposes.

Light Transmission:

Test Method according to DIN 5036.

The stated thicknesses are not all available as standard. Please ask us for more information.

The stated values are typical values only.

Light transmission in %	3	4	5	6	8	10	12	15
Exolon® AR clear 8099/ 7099	88	87	87	86	85	83	82	80
Exolon® AR bronze 8850	50	50	50	50	50			

Available sizes:

Exolon® AR is available in thicknesses of 3 – 15 mm and in the following sizes; other sizes, colors and sheet thicknesses on request.

Colors:

Exolon® AR clear 8099/ 7099
Exolon® AR bronze 8850

Sizes:

3,000 x 2,000 mm
3,000 x 2,000 mm

Permanent Service Temperature:

The permanent service temperature without load is approx. 120°C.

Fire Rating^(*):

Country	Standard	Rating	Thickness	Colour
Europe	EN13501-1	C s3 d0	2-6 mm	clear 8099
France	NFP 92-501&505 NFF 16-101&102	M2 F2	2 - 12 mm 2 - 12 mm	clear 8099 clear 8099
USA	UL 94	V2 HB V0	0.75 - 1.4 mm ≥ 1.5 mm ≥ 10 mm	all colours all colours clear 8099

^(*) Fire certificates are limited in time and scope, always check if the mentioned certificate is valid for the purchased Polycarbonate sheet type at the date of delivery. Polycarbonate sheets may change their fire behavior due to ageing and weathering. The indicated fire rating was tested on new / unweathered Product in accordance with the indicated fire classification standards.

Impact Resistance:

Country	Standard	Rating	Thickness	Colour
Europa	DIN EN ISO 23125 DIN EN 12417	A2 - C2 86 - 149 m/s	4 - 12 mm 4 - 12 mm	clear 8099 clear 8099

I 01.02b



OPAK-PC

DOUBLE ALUMINIUM SLAT



ALUMINIUM RANGE

PRODUCT DATA SHEET



| OPAK - PC
DOUBLE ALUMINIUM SLAT
 95 x 15,5 thickness 1,5 mm
 INTERIOR WITH 12 mm POLYCARBONATE



- Technical data -

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Under standard conditions, the doors can reach approximately **10 metres**, and wind resistance can be classified as Class 3, 4 or 5.

| - 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



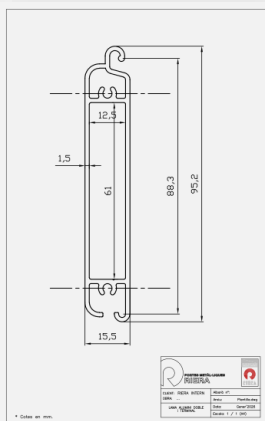
Reinforced guide



80x76,9



double
116,90x80



| END CAPS

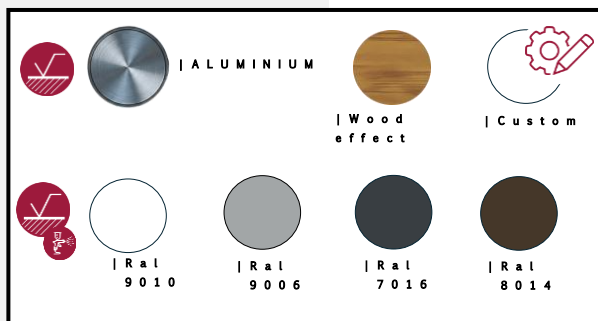
85,4X17,8 thickness 1
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| ALUMINIUM BOTTOM RAIL

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 -

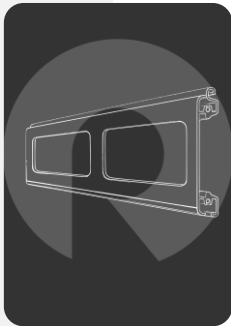


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exolon
GROUP

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resistant to abrasion

Exolon® AR is a polycarbonate sheet with **abrasion resistance** and **enhanced UV protection**, offering glass-like hardness combined with the impact resistance of standard polycarbonate. In addition, **Exolon® AR 8099** provides, on **both sides**, superior resistance to **glare, yellowing and fogging**, ensuring a long service life in high-performance architectural glazing applications. **Exolon® AR 7099** is a **sheet with a hard coating on one side**, suitable for **lamination and printing** on the uncoated side. **Exolon® AR** comes with a **10-year warranty against breakage** and a **7-year warranty against delamination and ageing due to weathering**.

Applications:

Typical applications for **Exolon® AR** sheet include **transparent acoustic barriers, glazing for shelters in schools and hospitals**. **Exolon® AR** is also widely used in **correctional facilities and psychiatric facilities**. In addition, the product performs very well in **viewing windows and machine guards** in aggressive chemical environments. Due to its **scratch-resistant coating**, **Exolon® AR cannot be thermoformed** like other Exolon® sheets

ADVANTAGES

- STRUCTURAL RIGIDITY
- IMPROVED SECURITY
- COMPLETELY OPAQUE AND RIGID

	Test Conditions	Typical values ⁽¹⁾	Unit	Standard
PHYSICAL				
Density	water at 23 °C	1200	kg/m ³	ISO 1183-1
Water absorption saturation	23 °C, 50% relative humidity	0.30	%	ISO 62
Water absorption equilibrium	Procedure A	0.12	%	ISO 62
Refractive index		1.587	–	ISO 489
MECHANICAL				
Tensile modulus	1 mm/min	2350	MPa	ISO 527-1,-2
Yield stress	50 mm/min	> 60	MPa	ISO 527-1,-2
Yield strain	50 mm/min	6	%	ISO 527-1,-2
Strain at break	50 mm/min	120	%	ISO 527-1,-2
Flexural modulus	2 mm/min	2350	MPa	ISO 178
Flexural strength	2 mm/min	90	MPa	ISO 178
Taber abrasion resistance	Δ haze after 100 cycles (500 g CS 10F) after 500 cycles	1 – 4 4 – 9	%	ASTM D1044 & ANSI Z26.1
THERMAL				
Vicat softening temperature	50 N, 50°C/h	148	°C	ISO 306
Thermal conductivity	23°C	0.20	W/(m.K)	ISO 8302
Coefficient of linear thermal expansion	23 to 55°C	0.65	10 ⁻⁴ /K	ISO 11359-1,-2
Temperature of deflection under load	1.80 Mpa	128	°C	ISO 75-1,-2
Temperature of deflection under load	0.45 Mpa	140	°C	ISO 75-1,-2

⁽¹⁾ These values are measured on injection molded samples, and are not intended for specification purposes.

Light Transmission:

Test Method according to DIN 5036.

The stated thicknesses are not all available as standard. Please ask us for more information.

The stated values are typical values only.

Light transmission in %	3	4	5	6	8	10	12	15
Exolon® AR clear 8099/ 7099	88	87	87	86	85	83	82	80
Exolon® AR bronze 8850	50	50	50	50	50			

Available sizes:

Exolon® AR is available in thicknesses of 3 – 15 mm and in the following sizes; other sizes, colors and sheet thicknesses on request.

Colors:

Exolon® AR clear 8099/ 7099

Exolon® AR bronze 8850

Sizes:

3,000 x 2,000 mm

3,000 x 2,000 mm

Permanent Service Temperature:

The permanent service temperature without load is approx. 120°C.

Fire Rating^(*):

Country	Standard	Rating	Thickness	Colour
Europe	EN13501-1	C s3 d0	2-6 mm	clear 8099
France	NFP 92-501&505 NFF 16-101&102	M2	2 - 12 mm	clear 8099
		F2	2 - 12 mm	clear 8099
USA	UL 94	V2	0.75 - 1.4 mm	all colours
		HB	≥ 1.5 mm	all colours
		V0	≥ 10 mm	clear 8099

^(*) Fire certificates are limited in time and scope, always check if the mentioned certificate is valid for the purchased Polycarbonate sheet type at the date of delivery. Polycarbonate sheets may change their fire behavior due to ageing and weathering. The indicated fire rating was tested on new / unweathered Product in accordance with the indicated fire classification standards.

Impact Resistance:

Country	Standard	Rating	Thickness	Colour
Europa	DIN EN ISO 23125 DIN EN 12417	A2 - C2	4 - 12 mm	clear 8099
		86 - 149 m/s	4 - 12 mm	clear 8099

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| AISLA-PUR

DOUBLE ALUMINIUM SLAT

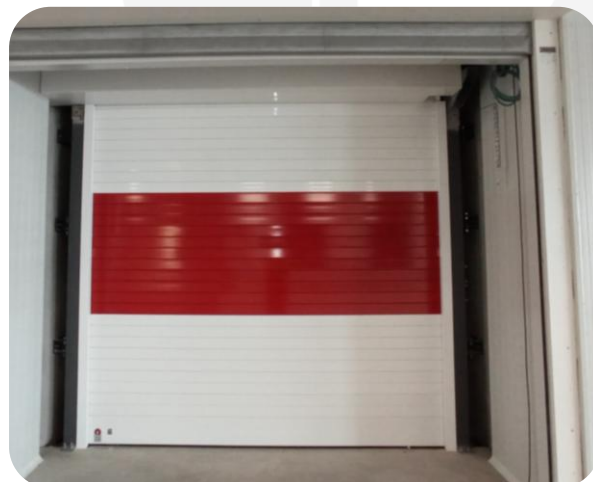


ALUMINIUM RANGE

PRODUCT DATA SHEET



| AISLA PUR
DOUBLE ALUMINIUM SLAT
95 x 15,5 thickness 1,5 mm
POLYURETHANE FOAM 10 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**.

Under standard conditions, the doors can reach approximately **10 metres**, and wind resistance can be classified as Class 3, 4 or 5.

| • 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



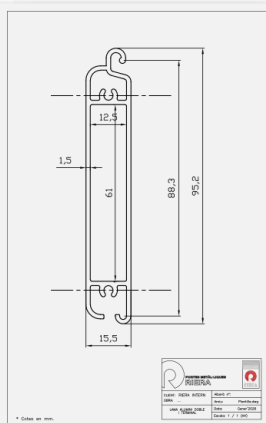
Reinforced guide



80x76,9



double
116,90x80



| END CAPS

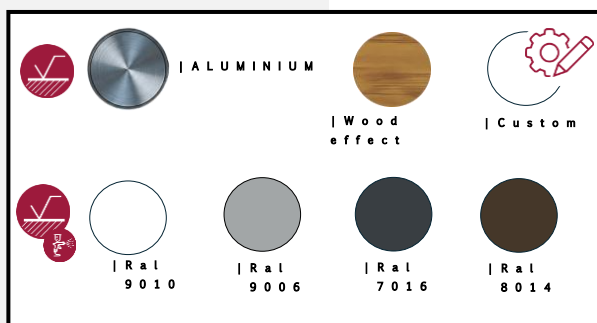
85,4X17,8 thickness 1
Our curtain is closed with a **stainless steel** end cap made from 304 & 316 alloy.



| 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 -



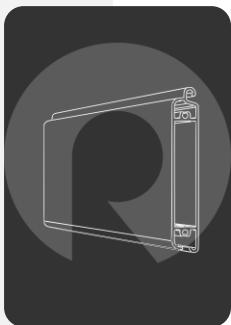
The anodised finish carries the **QUALANOD** quality seal, ensuring superior protection against corrosion and a uniform aesthetic finish.

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.



| AISLA-PUR | INTERIOR 10 mm POLYURETHANE



| AISLA PUR
DOUBLE ALUMINIUM SLAT
 95 x 15,5 thickness 1,5 mm
 POLYURETHANE FOAM 10 mm

60X120 SLATS



PUR – POLYURETHANE MATERIAL RESULTS

TEST CARRIED OUT ACCORDING TO
 UNE – EN 12667:2002 STANDARD

Thermal transmittance:

$U = 1,593 \text{ W/m}^2\cdot\text{K}^*$

**Physical test carried out with a 1.5 mm
 aluminium section, 10 mm polyurethane
 and another 1.5 mm aluminium sheet*

Value indicating the amount of heat passing
 through the PIR panel per unit area and
 temperature difference. The lower the U-
 value, the greater the insulation capacity
 and the lower the energy loss.

Material density:
 35 kg/m^3^*

**Results provided by the technical
 department of the raw material
 manufacturer.*

Plancha PUR D/35

Descripción

- Planchas de espuma rígida de poliuretano cortadas y mecanizadas a partir de un bloque del material.

Aplicaciones

- Aislamiento térmico para la construcción de camiones frigoríficos.
- Aislamiento térmico de suelos de cámaras frigoríficas y túneles de congelación.
- Aislamiento térmico en paneles sándwich con chapa metálica, poliéster, madera, fibrocemento, etc.
- Intervalo de temperaturas de trabajo: 70°C hasta temperaturas negativas.

Ventajas

- Menor espesor de aislamiento gracias al coeficiente de conductividad térmica de la espuma de poliuretano.
- Poca absorción de agua gracias a la estructura de celda cerrada del polímero.
- Buena rigidez, poco peso, facilidad de mecanizado y corte.

Presentación

- Planchas de 2500 x 1000 mm y 2000 x 1000 mm en cualquier espesor.

**Otras dimensiones consultar al departamento técnico.*

Características	Clase según EN 14308*	Norma Ensayo	Unidades	Valores Especificados
Límites de Temperatura de Trabajo	-	-	°C	-130°C +70°C
Densidad	-	EN 1602	kg/m³	35 ± 2
Conductividad Térmica Inicial	λ_i , 10°C	EN 12667	W/m·K	≤ 0,0222
Coef. de Conductividad Térmica Declarada	λ_{10} , 10°C	EN 12667	W/m·K	$d_{10} \leq 80 \text{ mm}$ 0,028 $80 \leq d_{10} \leq 120 \text{ mm}$ 0,027 $d_{10} \geq 120 \text{ mm}$ 0,026
Resistencia a la compresión	-	EN 826	kPa	$II \rightarrow \geq 150$ $I \rightarrow \geq 80$
Estabilidad dimensional 48h 70°C & 90%RH	DS(TH)3	EN 1604	%	$\Delta e_l, \Delta e_b \leq 2$ $\Delta e_d \leq 6$
Estabilidad dimensional 48h -20°C	DS(TH)3	EN 1604	%	$\Delta e_l, \Delta e_b \leq 0,5$ $\Delta e_d \leq 2$
Absorción de agua	WL(T)4	EN 12087	%	≤ 4
Reacción al fuego	-	EN 13501-1	-	F

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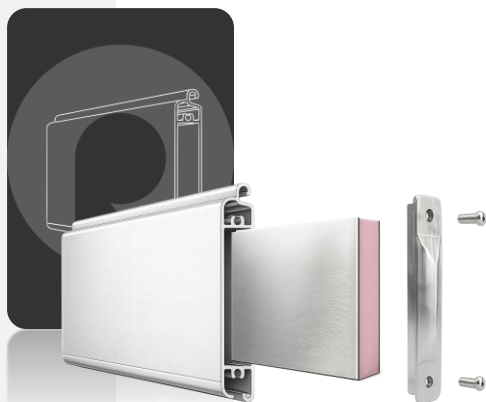
| AISLA-PIR

DOUBLE ALUMINIUM SLAT



ALUMINIUM RANGE

PRODUCT DATA SHEET



| AISLA PIR

DOUBLE ALUMINIUM SLAT

95 x 15,5 thickness 1,5 mm
POLYISOCYANURATE 10 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**.

Under standard conditions, the doors can reach approximately **10 metres**, and wind resistance can be classified as Class 3, 4 or 5.

| - 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



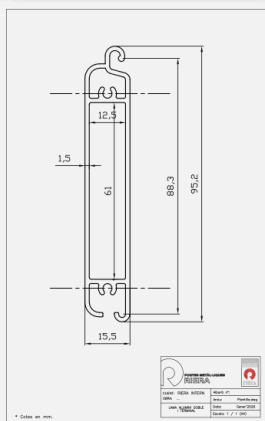
Reinforced guide



80x76,9



double
116,90x80



| END CAPS

85,4X17,8 thickness 1

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

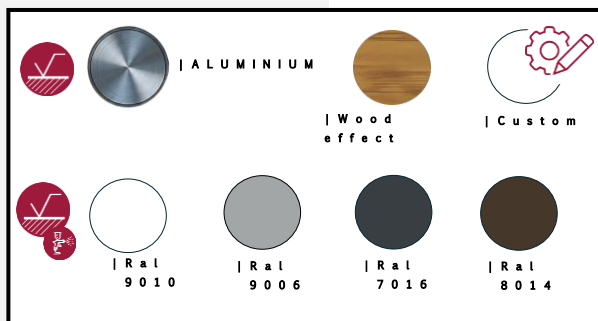


| ALUMINIUM BOTTOM RAIL

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 -



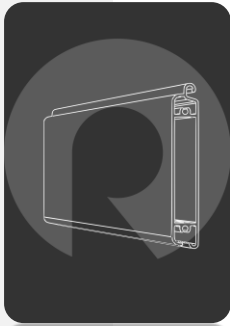
The anodised finish carries the **QUALANOD** quality seal, ensuring superior protection against corrosion and a uniform aesthetic finish.

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.



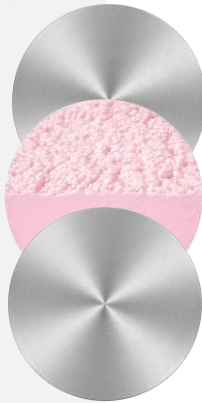
| AISLA-PIR | INTERIOR 10 mm POLYISOCYANURATE



| AISLA PIR

DOUBLE ALUMINIUM SLAT
95 x 15,5 thickness 1,5 mm
POLYISOCYANURATE 10 mm

60X120 SLATS



PIR – POLYISOCYANURATE MATERIAL RESULTS

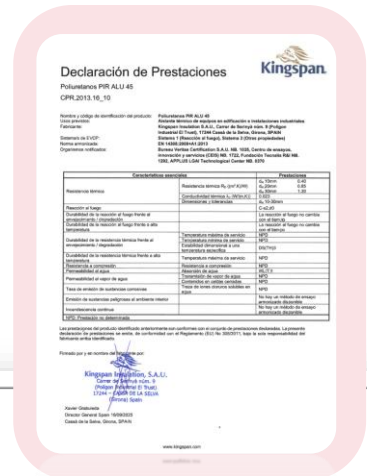
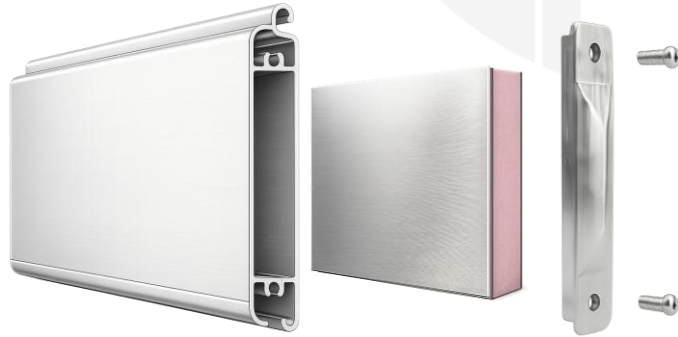
Thermal transmittance:
 $U = 2,550 \text{ W/m}^2 \cdot \text{K}^*$

Value indicating the amount of heat passing through the PIR panel per unit area and temperature difference. The lower the U-value, the greater the insulation capacity and the lower the energy loss.

Fire reaction classification:
C-s2,d0 *

The C-s2,d0 classification describes a material with medium contribution to fire, medium smoke production and no flaming droplets. This classification is common in construction materials with controlled fire performance according to EN 13501-1.

* Results provided by the technical department of the raw material manufacturer.



Panel PIR-ALU 45

Descripción

- Panel de espuma rígida de poliisocianurato (PIR) revestido por ambas caras con una lámina de aluminio gofrado.

- Facilidad de manipulación, corte, montaje y ensamblaje.

Aplicaciones

- Fabricación de conductos pre-aislados para sistemas de distribución y/o ventilación de aire, y para equipos de aire acondicionado (HVAC).

Presentación

- Dimensiones: 4000 x 1200 mm.
* Otras dimensiones consultar al departamento técnico.
- Espesores: 10, 20 y 30 mm.

Ventajas

- Poca absorción de agua gracias a la estructura de celda cerrada del polímero.
- Paneles de gran rigidez y poco peso.

Características	Clase según EN 14358*	Norma Ensayo	Unidades	Valores Especificados
Coef. de Conductividad Térmica Declarada	λ_{10} 10°C	EN 12667	W/m·K	0,023
Estabilidad dimensional 48h 70°C & 90%RH	D5(T/H)3	EN 1604	%	$\Delta e_1, \Delta e_2 \leq 2$ $\Delta e_d \leq 6$
Estabilidad dimensional 48h -20°C	D5(T/H)3	EN 1604	%	$\Delta e_1, \Delta e_2 \leq 0,5$ $\Delta e_d \leq 2$
Absorción de agua	WL(T/H)1	EN 12087	%	≤ 1
Reacción al fuego	-	EN 13501-1	-	C-s2, d0

*UNE-EN 14308:2009+A1:2013 y UNE-EN 13403:2003

Características Térmicas

Espesor (mm)	10	20	30
Resistencia térmica (m ² ·K/W)	0.40	0.85	1.30



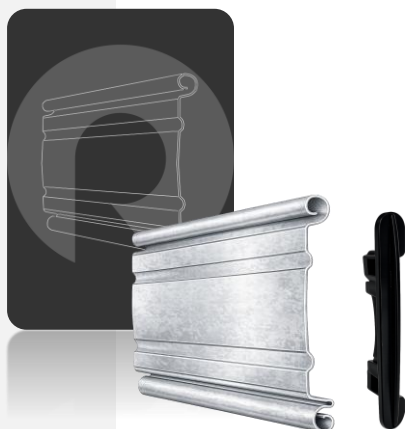
| RIE-10

GALVANIZED STEEL SLAT



STEEL RANGE

PRODUCT DATA SHEET



- Technical data -

The feasibility of the maximum width and height dimensions depends on the **accessories** and **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 closure.

| • Manufacturing

The galvanized steel slat is manufactured from a galvanized steel coil through a continuous cold roll forming process (roll forming). The sheet passes through a series of forming rollers that give it its characteristic geometry and articulated interlocking.

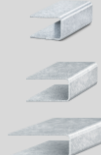
| • Material

It is a structural steel product coated with zinc through a hot-dip galvanizing process, providing high corrosion resistance and greater durability in outdoor environments.

| • SIDE GUIDES • |

STEEL

Single guide

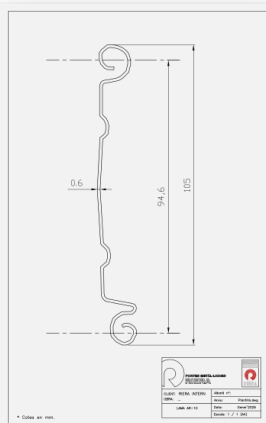


35x25
50x25
80x25

Omega guide



30x25
50x25



| TERMINALS

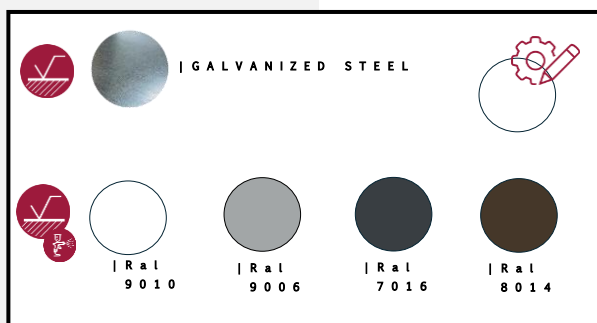
107X18.5 variable thickness
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



| GALVANIZED STEEL BOTTOM RAIL

142 x 28 mm thickness 2 mm
At the bottom, the bottom rail incorporates a rubber seal that improves watertightness. This bottom rail is compatible with the slats indicated above.

- Finishes and models -

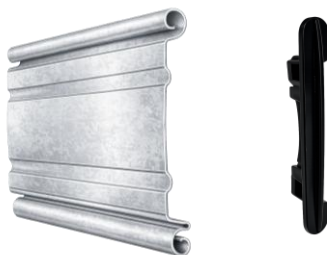


The lacquering process also carries the QUALICOAT quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions.



| FRIE-10 FAMILY

| RIE-10 GALVANIZED STEEL SLAT 105 X15 mm



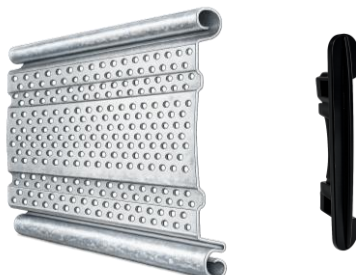
| RIE-10 LACADA GALVANIZED STEEL SLAT 105 x 15 PRE-LACQUERED WHITE (back side grey)



| RIE-10 TROQUEL GALVANIZED STEEL SLAT 105 x 15



| RIE-10 MICRO GALVANIZED STEEL SLAT 105 x 15

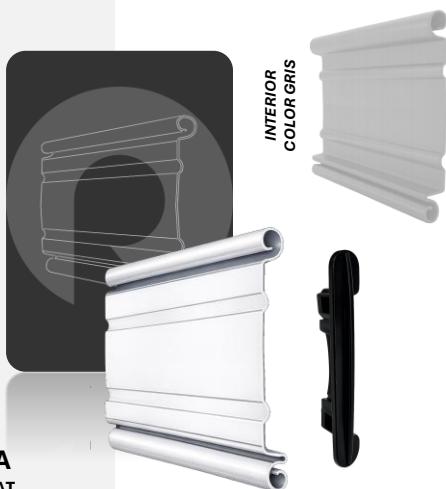


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STEEL RANGE PRODUCT DATA SHEET



| RIE-10 PRELACADA GALVANIZED STEEL SLAT



| RIE-10 LACADA GALVANIZED STEEL SLAT

105 x 15 | PRE-LACQUERED WHITE (back side grey)

Steel profile with pre-lacquered coating that provides **corrosion protection, colour stability and high durability.**

- Technical data -

The feasibility of the maximum width and height dimensions depends on the **accessories and 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 analyzed to determine the wind resistance class and the optimum dimensions of the closure.

| • Manufacturing

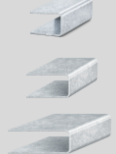
The galvanized steel slat is manufactured from a galvanized steel coil through a continuous cold roll forming process (roll forming). The sheet passes through a series of forming rollers that give it its characteristic geometry and articulated interlocking.

| • Material

It is a structural steel product coated with zinc through a hot-dip galvanizing process, providing high corrosion resistance and greater durability in outdoor environments.

| • SIDE GUIDES • | STEEL

Single guide

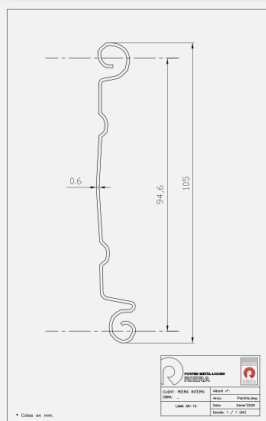


35x25
50x25
80x25

Omega guide



30x25
50x25



| TERMINALS

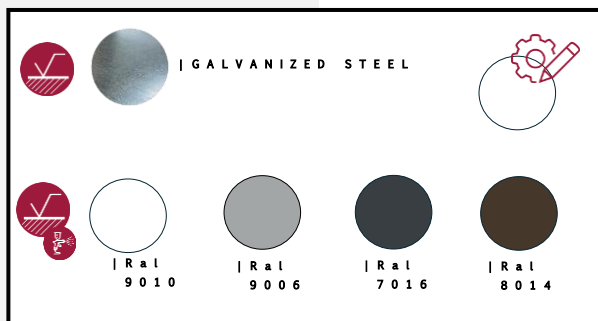
107X18.5 variable thickness
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



| GALVANIZED STEEL BOTTOM RAIL

142 x 28 mm thickness 2 mm
At the bottom, the bottom rail incorporates a rubber seal that improves watertightness. This bottom rail is compatible with the slats indicated above.

- Finishes and models -



The lacquering process also carries the QUALICOAT quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions.

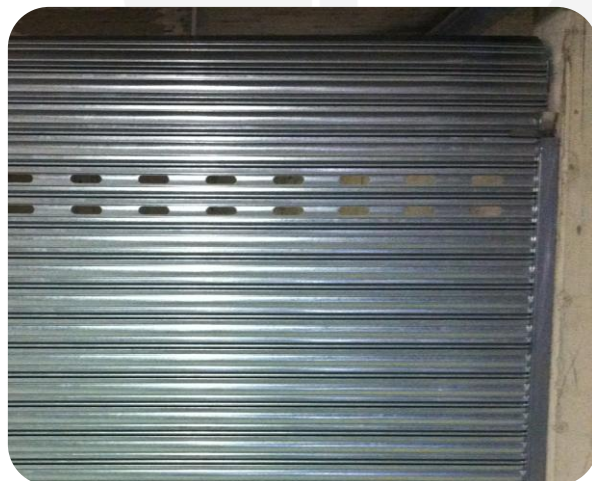
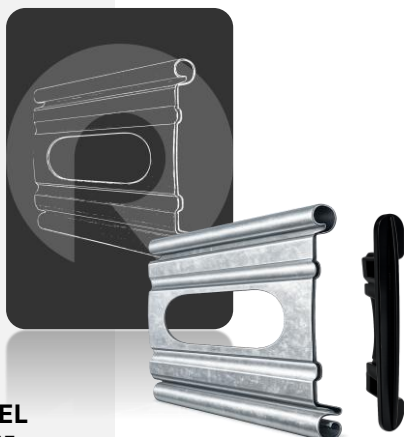


I 02.01c

STEEL RANGE PRODUCT DATA SHEET



| RIE-10 TROQUEL GALVANIZED STEEL SLAT



| RIE-10 TROQUEL

GALVANIZED STEEL SLAT

105 x 15 | PUNCHED

Technical component with regular perforations that ensures **continuous ventilation, natural light transmission** and **partial visibility**.

- Technical data -

The feasibility of the maximum width and height dimensions depends on the **accessories** and **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 analyzed to determine the wind resistance class and the optimum dimensions of the closure.

| - Manufacturing

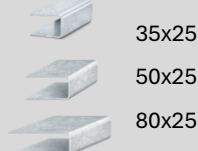
The galvanized steel slat is manufactured from a galvanized steel coil through a continuous cold roll forming process (roll forming). The sheet passes through a series of forming rollers that give it its characteristic geometry and articulated interlocking.

| - Material

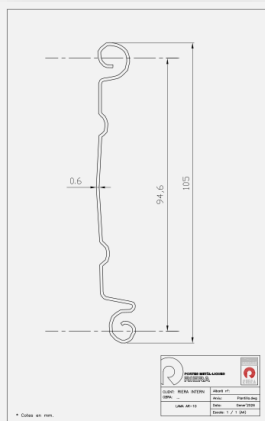
It is a structural steel product coated with zinc through a hot-dip galvanizing process, providing high corrosion resistance and greater durability in outdoor environments.

| - SIDE GUIDES - | STEEL

Single guide



Omega guide



| TERMINALS

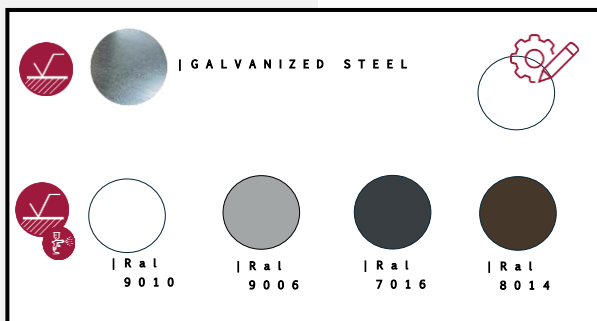
107X18.5 variable thickness
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



| GALVANIZED STEEL BOTTOM RAIL

142 x 28 mm thickness 2 mm
At the bottom, the bottom rail incorporates a rubber seal that improves watertightness. This bottom rail is compatible with the slats indicated above.

- Finishes and models -



The lacquering process also carries the QUALICOAT quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions.



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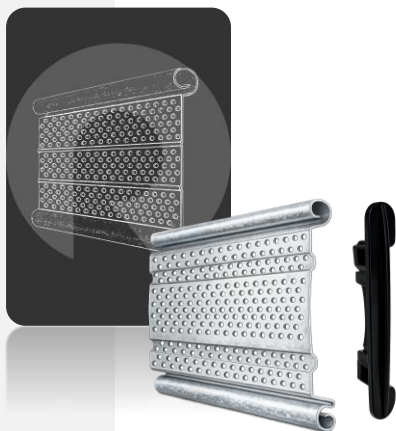
| RIE-10 MICRO

GALVANIZED STEEL SLAT



STEEL RANGE

PRODUCT DATA SHEET



| RIE-10 MICRO

GALVANIZED STEEL SLAT

105 x 15 | MICRO-PERFORATED

Uniform perforation that ensures **continuous ventilation**, **controlled visibility** and **rigidity** with minimal load on the motor.

- Technical data -

The feasibility of the maximum width and height dimensions depends on the **accessories** and **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 analyzed to determine the wind resistance class and the optimum dimensions of the closure.



| • Manufacturing

The galvanized steel slat is manufactured from a galvanized steel coil through a continuous cold roll forming process (roll forming). The sheet passes through a series of forming rollers that give it its characteristic geometry and articulated interlocking.

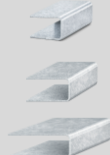
| • Material

It is a structural steel product coated with zinc through a hot-dip galvanizing process, providing high corrosion resistance and greater durability in outdoor environments.

| • SIDE GUIDES • |

STEEL

Single guide

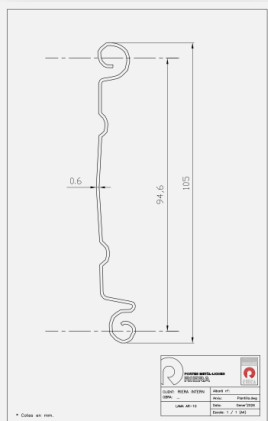


35x25
50x25
80x25

Omega guide



30x25
50x25



| TERMINALS

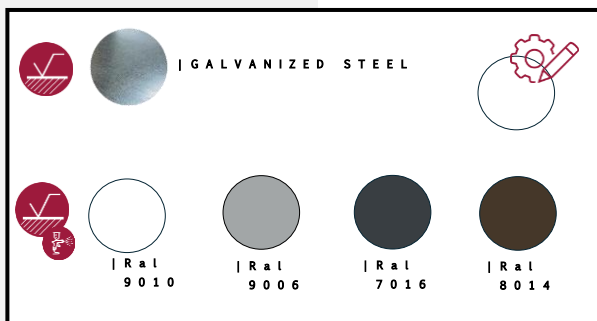
107X18.5 variable thickness
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



| GALVANIZED STEEL BOTTOM RAIL

142 x 28 mm thickness 2 mm
At the bottom, the bottom rail incorporates a rubber seal that improves watertightness. This bottom rail is compatible with the slats indicated above.

- Finishes and models -



The lacquering process also carries the QUALICOAT quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions.



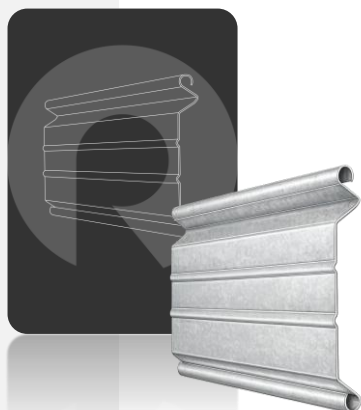


RIE-10 DN

GALVANIZED STEEL DOUBLE-RIB SLAT



STEEL RANGE PRODUCT DATA SHEET



RIE-10 DN

ARTICULATED GALVANIZED STEEL DOUBLE-RIB SLAT

130 x 17,2 | Optimized **slat** that provides **rigidity, stability** and **durability**. The double rib reinforces the section and reduces **flexing, ensuring smooth, safe and stable movement** through the guides and shaft.

- Technical data -

The feasibility of the maximum width and height dimensions depends on the **accessories** and **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 analyzed to determine the wind resistance class and the optimum dimensions of the closure.

| • Manufacturing

The galvanized steel slat is manufactured from a galvanized steel coil through a continuous cold roll forming process (roll forming). The sheet passes through a series of forming rollers that give it its characteristic geometry and articulated interlocking.

| • Material

It is a structural steel product coated with zinc through a hot-dip galvanizing process, providing high corrosion resistance and greater durability in outdoor environments.

| • SIDE GUIDES • | STEEL

Single guide

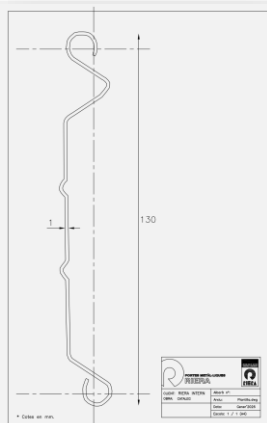


35x25
50x25
80x25

Omega guide



30x25
50x25



| TERMINALS

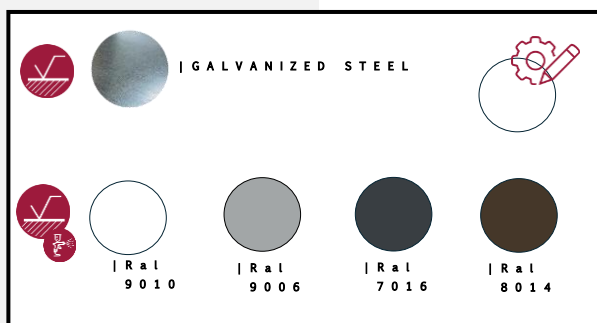
Without terminals



| GALVANIZED STEEL BOTTOM RAIL

142 x 28 mm thickness 2 mm
At the bottom, the bottom rail incorporates a rubber seal that improves watertightness. This bottom rail is compatible with the slats indicated above.

- Finishes and models -



The lacquering process also carries the QUALICOAT quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions.





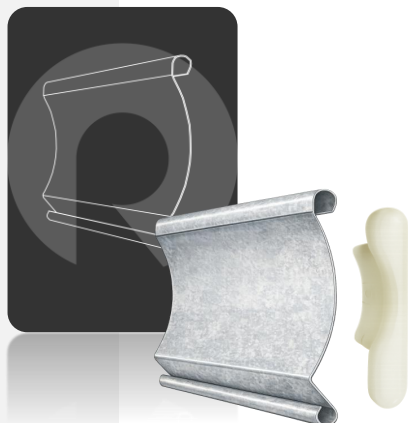
ONDULADA

GALVANIZED STEEL CURVED SLAT



STEEL RANGE

PRODUCT DATA SHEET



| ONDULADA

GALVANIZED STEEL SLAT

142 x 28 mm thickness 2 mm | **Curved galvanized steel slat** with a profile that ensures **rigidity, stable interlocking** and **smooth rolling**. Galvanizing provides **durability** and **corrosion protection**.

- Technical data -

The feasibility of the maximum width and height dimensions depends on the **accessories** and **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 analyzed to determine the wind resistance class and the optimum dimensions of the closure.



| • Manufacturing

The galvanized steel slat is manufactured from a galvanized steel coil through a continuous cold roll forming process (roll forming). The sheet passes through a series of forming rollers that give it its characteristic geometry and articulated interlocking.

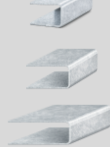
| • Material

It is a structural steel product coated with zinc through a hot-dip galvanizing process, providing high corrosion resistance and greater durability in outdoor environments.

| • SIDE GUIDES • |

STEEL

Single guide

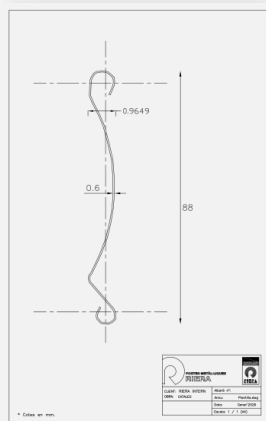


35x25
50x25
80x25

Omega guide



30x25
50x25



| TERMINALS

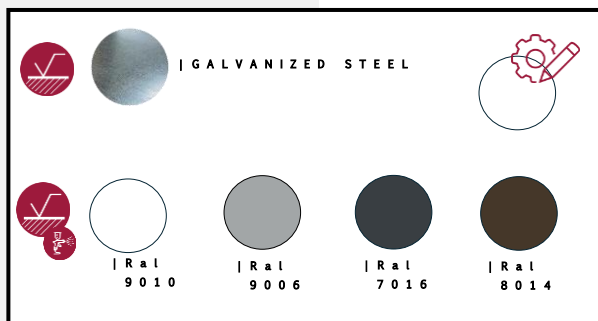
107X18.5 variable thickness
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



| GALVANIZED STEEL BOTTOM RAIL

142 x 28 mm thickness 2 mm
At the bottom, the bottom rail incorporates a rubber seal that improves watertightness. This bottom rail is compatible with the slats indicated above.

- Finishes and models -



The lacquering process also carries the QUALICOAT quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions.



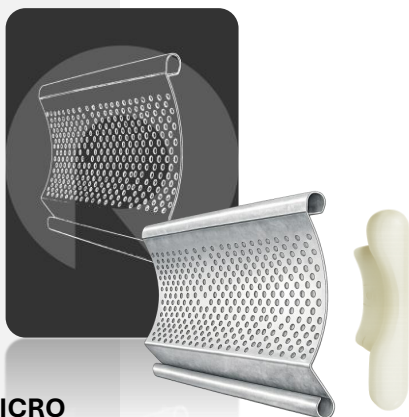
| 02.03

STEEL RANGE PRODUCT DATA SHEET



| ONDULADA MICRO

**GALVANIZED STEEL CURVED
MICRO-PERFORATED SLAT**



| ONDULADA MICRO

ARTICULATED GALVANIZED STEEL SLAT

88x9,6 mm thickness 2 mm | MICRO-PERFORATED

Curved galvanized steel slat that, thanks to its perforation, ensures ventilation, filtered light and reduced weight.

- Technical data -

The feasibility of the maximum width and height dimensions depends on the **accessories** and **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 analyzed to determine the wind resistance class and the optimum dimensions of the closure.

| • Manufacturing

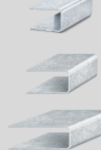
The galvanized steel slat is manufactured from a galvanized steel coil through a continuous cold roll forming process (roll forming). The sheet passes through a series of forming rollers that give it its characteristic geometry and articulated interlocking.

| • Material

It is a structural steel product coated with zinc through a hot-dip galvanizing process, providing high corrosion resistance and greater durability in outdoor environments.

| • SIDE GUIDES • | STEEL

Single guide

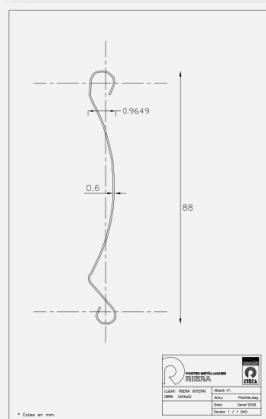


35x25
50x25
80x25

Omega guide



30x25
50x25



| TERMINALS

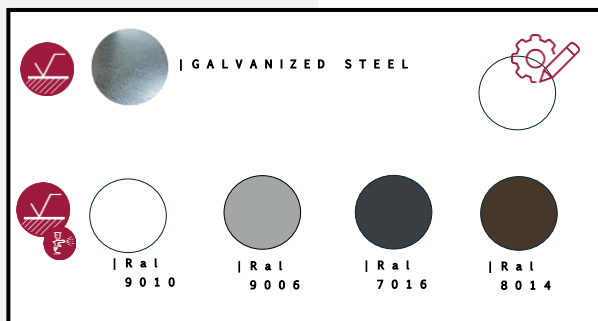
107X18.5 variable thickness
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



| GALVANIZED STEEL BOTTOM RAIL

142 x 28 mm thickness 2 mm
At the bottom, the bottom rail incorporates a rubber seal that improves watertightness. This bottom rail is compatible with the slats indicated above.

- Finishes and models -



The lacquering process also carries the QUALICOAT quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions.





| ThermaBlok GALVA

GALVANIZED STEEL SLAT



STEEL RANGE

PRODUCT DATA SHEET



| ONDULADA

GALVANIZED STEEL SLAT

88 x 9,6 mm thickness 2 mm | **Curved galvanized steel slat with a profile that ensures rigidity, stable interlocking and smooth rolling. Galvanizing provides durability and corrosion protection.**

- Technical data -

The feasibility of the maximum width and height dimensions depends on the **accessories** and **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 analyzed to determine the wind resistance class and the optimum dimensions of the closure.

| • Manufacturing

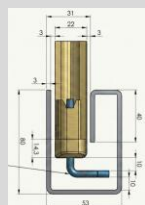
The galvanized steel slat is manufactured from a galvanized steel coil through a continuous cold roll forming process (roll forming). The sheet passes through a series of forming rollers that give it its characteristic geometry and articulated interlocking.

| • Material

It is a structural steel product coated with zinc through a hot-dip galvanizing process, providing high corrosion resistance and greater durability in outdoor environments.

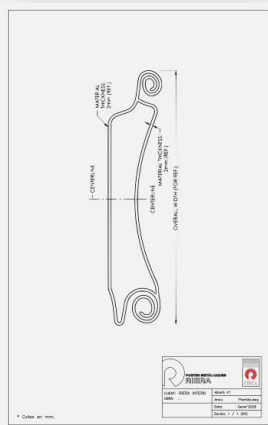
| • SIDE GUIDES • |

STEEL



| GUIDES

Side guides of the door assembly with anti-storm system



| TERMINALS

End-of-slat finishing terminals designed to enter the guide, ensuring straight alignment and improved safety.

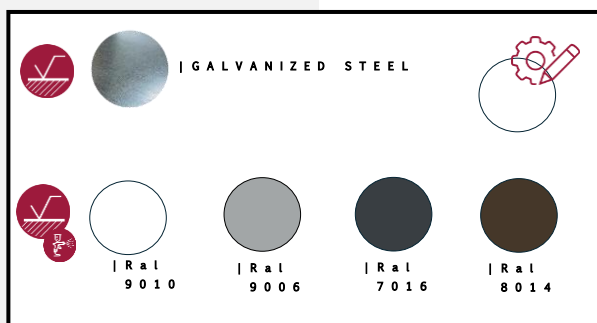


| ThermaBlock BOTTOM RAIL

Bottom finishing component of the door.

Includes sealing profile.

- Finishes and models -



The lacquering process also carries the QUALICOAT quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions.

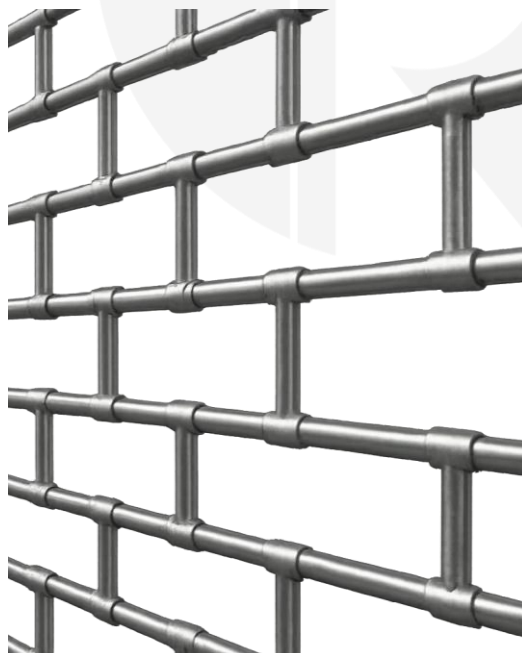
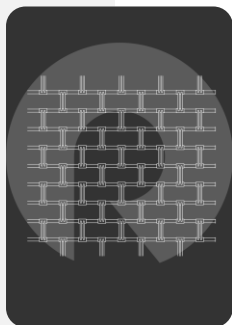


I 03.01

RIDECOR RANGE
PRODUCT DATA SHEET



ITALIA GALVA
GALVANIZED STEEL TUBE Ø18
1.5 mm SECTION



- 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 shaft or tubes selected.

The feasibility of each project must be assessed individually.

| - Manufacturing

Shutter made of steel rods joined by a vertical connecting rod inserted inside the tube. To ensure the connection between both elements, a welding point is applied. At the end, a nylon piece is incorporated and fixed to the tube by means of a plate to ensure lateral alignment. The entire assembly is secured with two screws.

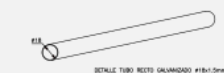
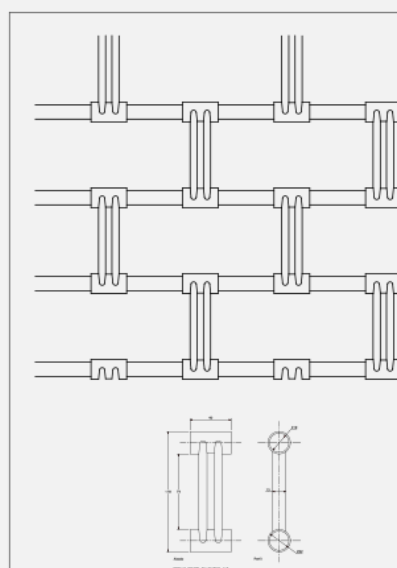
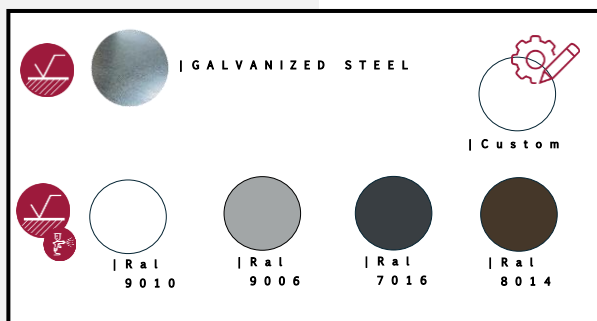
| - Material

Hot-dip galvanizing coats the steel with molten zinc, creating a highly adherent metal-to-metal layer that provides long-lasting corrosion protection. It also ensures a stable and controlled industrial process, provides a durable finish for both indoor and outdoor applications and minimizes maintenance requirements throughout the product's service life.

| - Finishes

The lacquering process carries the **QUALICOAT** quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions. For a **wood-effect finish**, the **QUALIDECO** seal is used, ensuring a natural and elegant appearance that blends seamlessly into any architectural environment.

- Finishes and models -

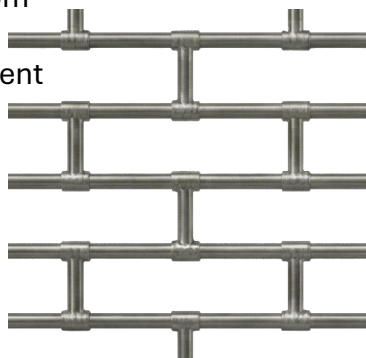


* Cotes en mm.



| Product Description

Assembly consisting of an Ø18 rod with a thickness of 1.5 mm, joined by 96 mm-high connecting rods (centre-to-centre distance: 300 mm). It offers a lightweight yet robust appearance. At the bottom, the door is completed with a galvanized steel bottom rail, which can be selected from the different options indicated.



| CONNECTING
PIECE **



| SHAFT FIXING PIECE
Galvanized steel
Dimensions...



| ROD
Galvanized steel tube
Ø18 mm | Max. Width...

| CONNECTING PIECE **
Plate, plastic stopper and terminals



| • SIDE GUIDES • | STEEL

Single guide



Omega guide



| 1



| 2



| 3



| GALVANIZED STEEL SLAT
At the bottom, solid base
slats are installed.

- 1 | RIE-10 slat (terminal A)
- 2 | RIE-DN slat (terminal A)
- 3 | ONDULADA slat (terminal B)



| TERMINALS
107X18,5 variable thickness
Our curtain is optionally closed
with a PA6 or nylon terminal. We
have two pieces: left and right.



| GALVANIZED STEEL BOTTOM RAIL
142 x 28 mm thickness 2 mm
At the bottom, the bottom rail
incorporates a rubber seal that
improves airtightness.
This bottom rail is compatible
with the slats indicated above.

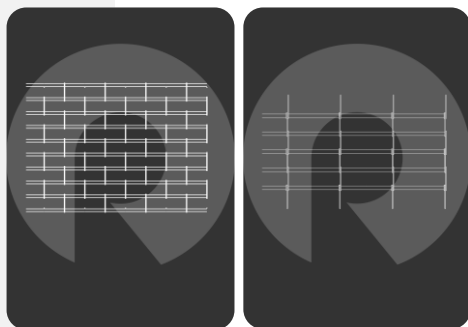


| DECOR ZINCADA

ZINC-PLATED STEEL TUBE Ø8 mm THICKNESS



RIDECOR RANGE PRODUCT DATA SHEET



- 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 shaft or tubes selected.

The feasibility of each project must be assessed individually.

| - Manufacturing

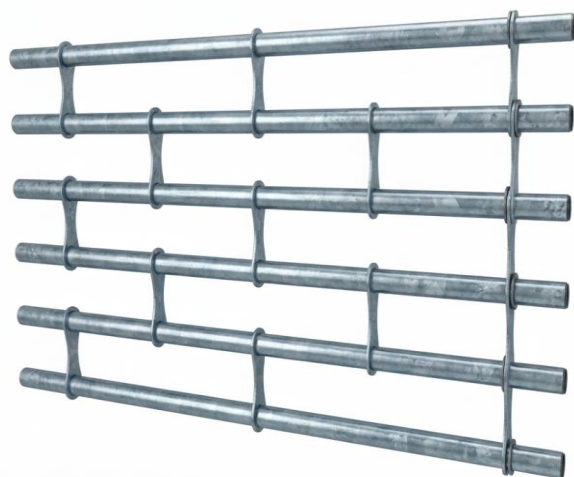
Shutter made of steel rods whose geometry allows two designs (**circles and shells**), joined by metal components to form a flexible and robust curtain. The assembly is then protected by a galvanizing process, ensuring durability and safety.

| - Material

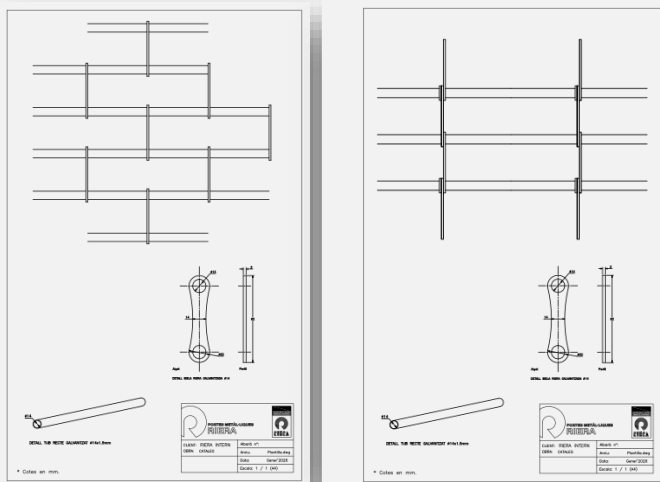
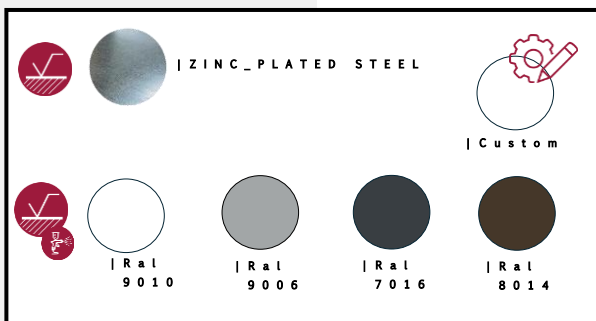
The **zinc-plating process** consists of depositing a thin layer of zinc onto the steel by electroplating, creating a protective barrier and galvanic protection against corrosion. This layer is obtained by **electrodeposition** in an electrolytic bath, following rigorous surface preparation.

| - Finishes

The lacquering process carries the **QUALICOAT** quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions. For a **wood-effect finish**, the **QUALIDECO** seal is used, ensuring a natural and elegant appearance that blends seamlessly into any architectural environment.



- Finishes and models -



| DECOR ZINCADA

| RECTA

ZINC-PLATED STEEL SLAT

Ø14 thickness

1.5 mm wall thickness

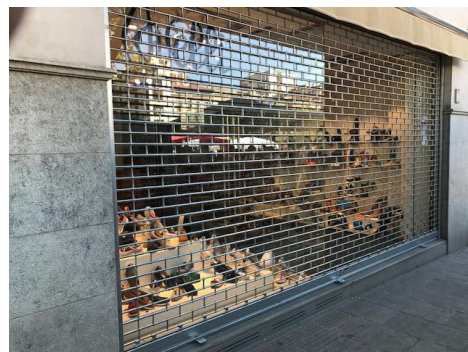
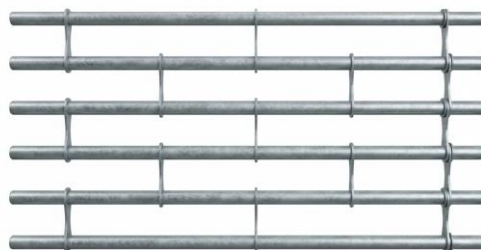


| INTERCALADA

ZINC-PLATED STEEL SLAT

Ø14 thickness

1.5 mm wall thickness



| SHAFT FIXING PIECE

Galvanized steel
Dimensions...



| ROD

Galvanized steel tube
Ø14 mm | 1.5 mm wall thickness
Max. width....



| CONNECTING PIECE

Galvanized Steel
Dimensions...



| END TERMINAL PIECE

Washer and caps



| • SIDE GUIDES • | STEEL

Single guide



35x25
50x25
80x25

Omega guide



30x25
50x25

| 1



| 2



| 3



| GALVANIZED STEEL SLAT

At the bottom, solid base slats are installed.

1 | RIE-10 slat (terminal A)

2 | RIE-DN slat (terminal A)

3 | ONDULADA slat (terminal B)

| A



| B



| TERMINALES

107X18,5 variable thickness
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



| GALVANIZED STEEL BOTTOM RAIL

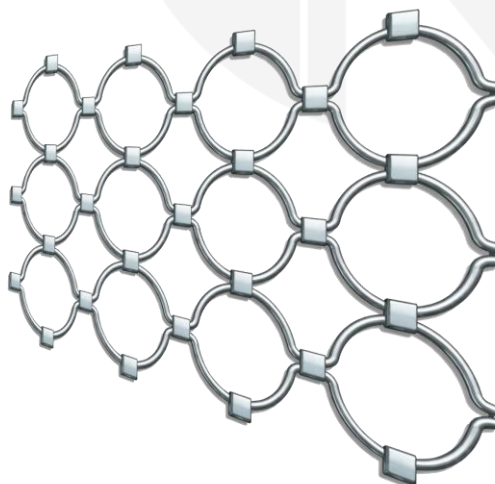
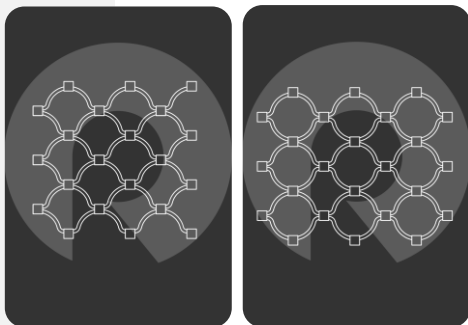
142 x 28 mm thickness 2 mm

At the bottom, the bottom rail incorporates a rubber seal that improves airtightness.

This bottom rail is compatible with the slats indicated above.



RIDECOR RANGE PRODUCT DATA SHEET



- 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 shaft or tubes selected.

The feasibility of each project must be assessed individually.

| • Manufacturing

Shutter made of steel rods whose geometry allows two designs circles and shells, joined by metal components to form a flexible and robust curtain. The assembly is then protected by a galvanizing process, ensuring durability and safety.

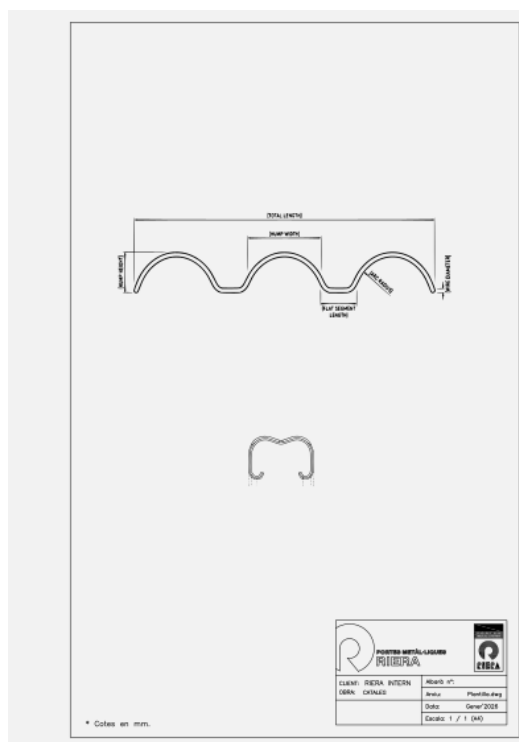
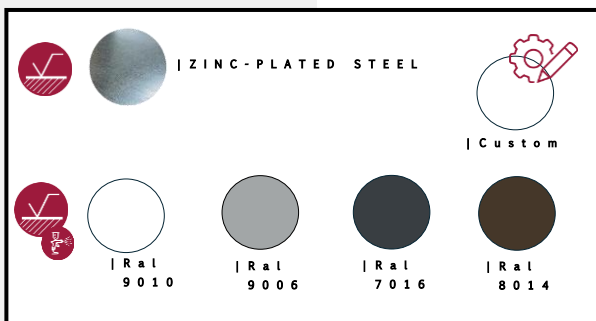
| • Material

The **zinc-plating process** consists of depositing a thin layer of zinc onto the steel by electroplating, creating a protective barrier and galvanic protection against corrosion. This layer is obtained by **electrodeposition** in an electrolytic bath, following rigorous surface preparation.

| • Finishes

The lacquering process carries the **QUALICOAT** quality seal, ensuring a uniform coating resistant to the most demanding environmental conditions. For a **wood-effect finish**, the **QUALIDECO** seal is used, ensuring a natural and elegant appearance that blends seamlessly into any architectural environment.

- Finishes and models -

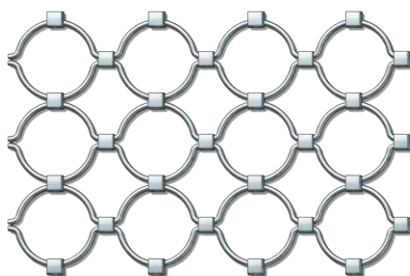


| VARILLA ZINCADA

| AROS

ZINC-PLATED STEEL SLAT

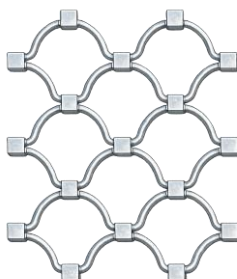
Thickness 0.8 mm
Distance 180 mm



| CONCHA DALT

ZINC-PLATED STEEL SLAT

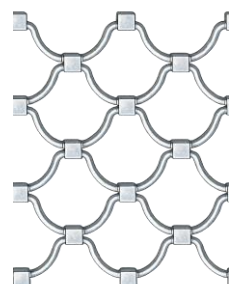
Thickness 0.8 mm
Distance 180 mm



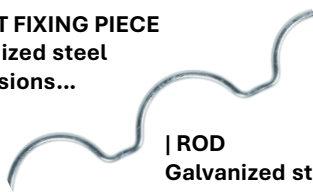
| CONCHA BAIX

ZINC-PLATED STEEL SLAT

Thickness 0.8 mm
Distance 180 mm



| SHAFT FIXING PIECE
Galvanized steel
Dimensions...



| ROD
Galvanized steel
Ø8 mm | Max. width...

| CONNECTING PIECE
Galvanized Steel
Dimensions...



| • SIDE GUIDES • | STEEL

Single guide



Omega guide



| 1



| 2



| 3



| GALVANIZED STEEL SLAT

At the bottom, solid base slats are installed.

1 | RIE-10 slat (terminal A)

2 | RIE-DN slat (terminal A)

3 | ONDULADA slat (terminal B)

| A



| B



| TERMINALS

107X18,5 variable thickness
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



| GALVANIZED STEEL BOTTOM RAIL

142 x 28 mm thickness 2 mm

At the bottom, the bottom rail incorporates a rubber seal that improves airtightness.

This bottom rail is compatible with the slats indicated above.

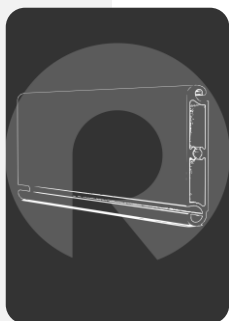
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SELF-LOCKING RANGE PRODUCT DATA SHEET



| MINI BLOC

SMALL ALUMINUM SLAT with a height of 45 mm, a width of 7 mm and a thickness of 1.2 mm

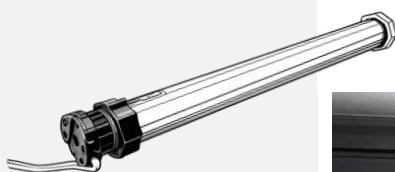


- Technical data -

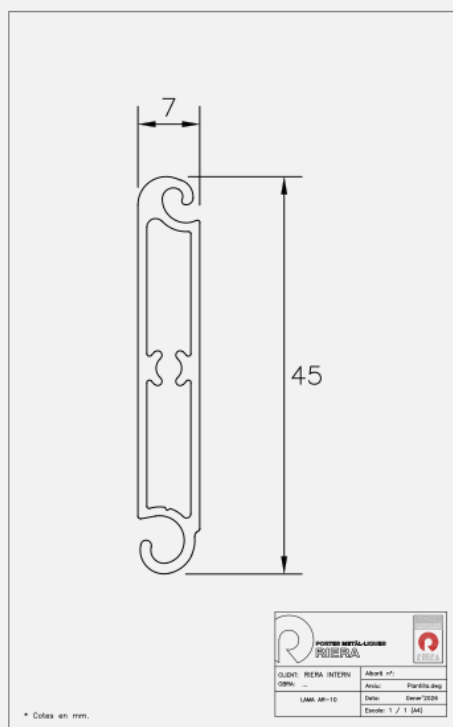
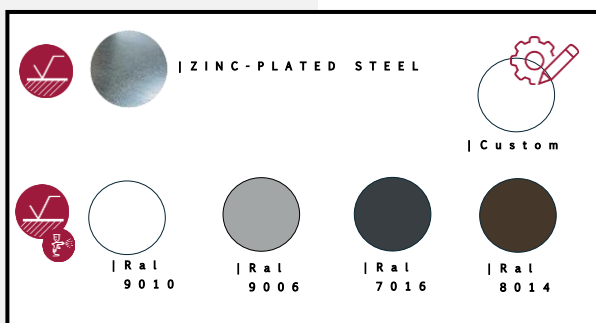
The feasibility of the maximum width and height dimensions depends on the **accessories** and the **automation system**. Technical specifications—such as weight, wind resistance and opening speed—also vary depending on the type of curtain.

Each project must be assessed individually.

The roller shutter door is made up of a set of extruded aluminium components and safety elements that ensure rigidity, durability and quiet operation.



- Finishes and models -



| MINI BLOC

| Aluminium slat

The slat is manufactured from double-sided extruded aluminium with a thickness of 1.2 mm, providing high rigidity and stability. The usable height is 4.5 cm, with a flat geometry to ensure smooth and quiet rolling. Each end is fitted with 1 mm nylon end pieces, ensuring smooth movement, preventing metal-to-metal contact and reducing wear on the assembly.

| Aluminium bottom rail

The bottom rail is made of aluminium, with a height of 76.2 mm and a special U-shaped configuration on its rear face. This geometry allows the black EPDM sealing profile to be housed, improving closure and reducing air, dust and noise infiltration. Like the slats, it incorporates 1 mm nylon end pieces at both ends to ensure smooth and stable operation.

| Extruded aluminium side guide

The guide is manufactured from 1.2 mm thick extruded aluminium, with a total width of 6.6 cm and a 2.2 cm clear opening for the vertical travel of the door. It incorporates a 1.2 cm internal chamber for reinforcement and machining. Its U-shaped internal configuration is designed to accommodate the self-locking rubber profile, which prevents direct contact between the guide and the door curtain, reduces noise and enhances the system's self-locking effect.

| S-shaped overlap profile

An S-shaped aluminium profile is integrated between the slats, creating a firm and secure overlap. This design prevents the manual lifting of the door, acting as an anti-lift system and enhancing the security of the closure.



| CONNECTING PIECE
Between slats

| · SIDE GUIDES · | ALUMINIUM

65x22



ADAPTATION TO EXISTING GUIDES



| TERMINALS

61,2x16,4 variable thickness
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



| GALVANIZED STEEL BOTTOM RAIL 76,2 X 10,95 mm thickness 1,2 mm

At the bottom, the bottom rail incorporates a rubber seal that improves airtightness. This bottom rail is compatible with the slats indicated above.

Goma ... imatge!!!

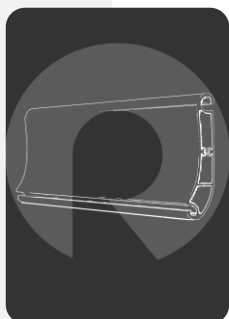
I 04.02

SELF-LOCKING RANGE PRODUCT DATA SHEET



| MAXI BLOC

LARGE ALUMINUM SLAT with a height of 63 mm,
a width of 13.5 mm and a thickness of 1.2 mm

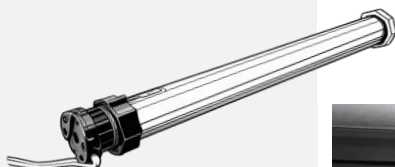


- Technical data -

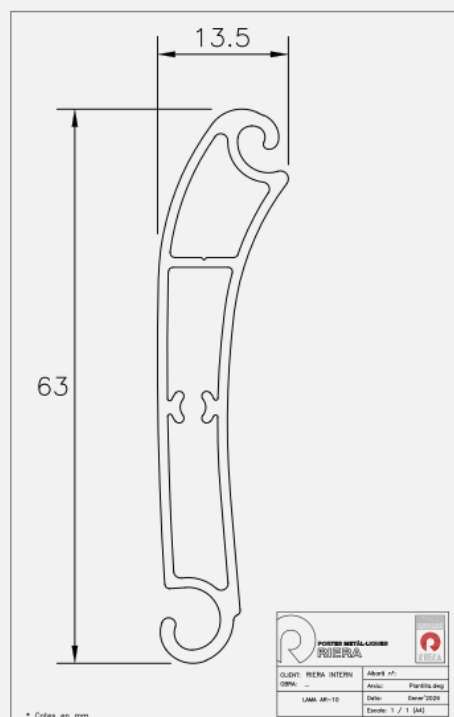
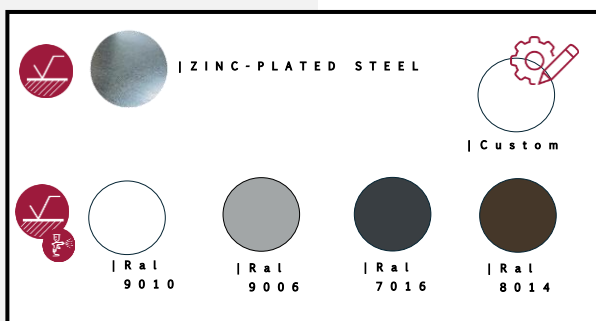
The feasibility of the maximum width and height dimensions depends on the **accessories** and the **automation system**. Technical specifications —such as weight, wind resistance and opening speed— also vary depending on the type of curtain.

Each project must be assessed individually.

The roller shutter door is made up of a set of extruded aluminium components and safety elements that ensure rigidity, durability and quiet operation.



- Finishes and models -



| MAXI BLOC

| Aluminium slat

The slat is manufactured from double-sided extruded aluminium with a thickness of 1.2 mm, providing high rigidity and stability. The usable height is 4.5 cm, with a flat geometry to ensure smooth and quiet rolling. Each end is fitted with 1 mm nylon end pieces, ensuring smooth movement, preventing metal-to-metal contact and reducing wear on the assembly.

| Aluminium bottom rail

The bottom rail is made of aluminium, with a height of 76.2 mm and a special U-shaped configuration on its rear face. This geometry allows the black EPDM sealing profile to be housed, improving closure and reducing air, dust and noise infiltration. Like the slats, it incorporates 1 mm nylon end pieces at both ends to ensure smooth and stable operation.

| Extruded aluminium side guide

The side guides are manufactured from 1.2 mm thick extruded aluminium, with a total width of 7.6 cm. They incorporate a 2.7 cm opening for the panel's vertical travel and a 1.2 cm internal chamber for guide reinforcement and machining. Their U-shaped internal configuration accommodates the self-locking rubber profile, which prevents direct contact between the guide and the door curtain, reduces noise and enhances the self-locking effect in the event of an attempted manual lift.

| S-shaped overlap profile

An S-shaped aluminium profile is installed between each slat, creating a secure overlap. This system prevents the door from being manually lifted from the outside, as the assembly automatically locks in place.



| CONNECTING PIECE
Between slats

| • SIDE GUIDES • | ALUMINIUM



76X27,7



| TERMINALS

61,2x16,4 variable thickness
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



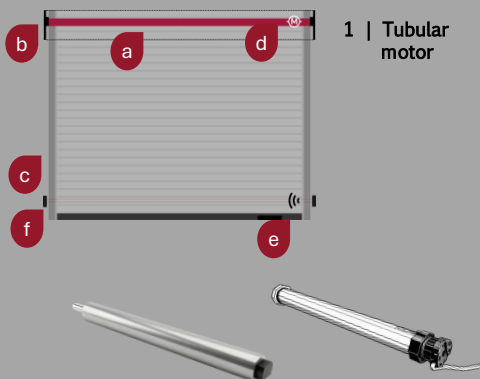
| GALVANIZED STEEL BOTTOM RAIL
76,2 X 10,95 mm thickness 1,2 mm

At the bottom, the bottom rail incorporates a rubber seal that improves airtightness. This bottom rail is compatible with the slats indicated above.

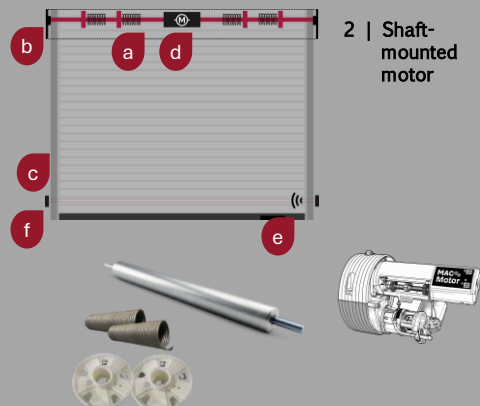
Goma ... imatge!!!

TECHNICAL SPECIFICATIONS

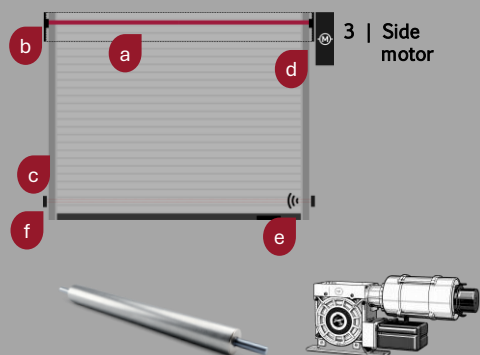
1 | Tubular motor



2 | Shaft-mounted motor

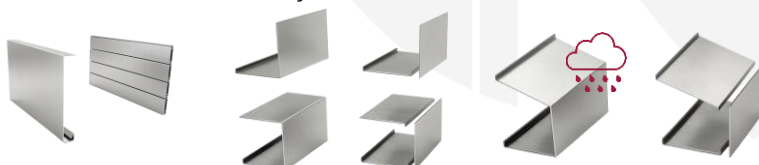


3 | Side motor



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

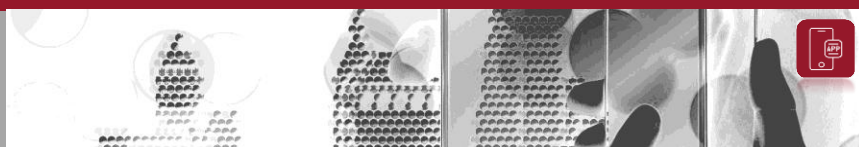


ACCESSORIES

TO BE DEFINED ACCORDING TO THE DOOR'S USE
(warning light, unlocking box location, mailbox, letter slot, AppRiera app, etc.)



PRODUCT APPLICATIONS





GRUP RIERA

Ctra. Sant Feliu de Guíxols 27 · 17004 GIRONA

972 212 255 · 972 208 288

info@portesriera.com

www.portesriera.com