

Technical Catalogue

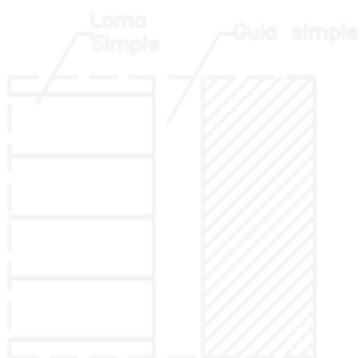


20

26

Roller SHUTTERS





Alzado



Planta

DETALLE D2
E: 1/10



Alzado



Planta

DETALLE D4
E: 1/10



Perfil



Planta

DETALLE D3
E: 1/10



Perfil



Tornillo
Inox

DETALLE TERMINALES
E: 1/5

ELEMENTOS PRINCIPALES	
Lama Doble	
Lama Simple	
Bajo Doble	
Goma Bajo	
Terminal Doble	
Terminal Simple	
Guía Simple	
Tubo eje	
Enganche hoja-polea	
Polea portamuellos	
Bandera	
Soporte regulable	
Platina	



DETALLE LAMA SIMPLE
E: 1/5



DETALLE LAMA BAJO
E: 1/5

PORTES METÁL-LIQUES RIERA	
CLIENTE:	Alberan nº:
OBRA:	ArchivosP.eup.bandera.dwg
PERSIANA LAMA SIMPLE CON GUÍA SIMPLE Y SOPORTES	Fecha: 08/02/2017
TPO BANDERA	Escala: 1/25, 1/10, 1/5



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HISTORY

Since 1947

Portes Metàl·liques Riera is a family business founded in Girona in 1947, a pioneer in the development of the metal door sector in the province.

Growth

The founder, **Josep Riera Collell**, and subsequently **Rosa Maria Riera Pigem** and **Gerard Camps Mitjà**, representing the second generation, drove a process of solid and constant growth. Currently, thanks to the dedication and effort of the third generation, this growth continues to expand and consolidate.

Today, Riera quality and security are present all over the world.

Live the experience

Years of experience have allowed us to understand and adapt to our clients' needs, transforming our service into an experience based on trust, proximity and added value.



WE ARE A TEAM!

*From the beginning, the Company has expanded its **human team**. Today, all our **departments** work in a coordinated manner to guarantee strict compliance with current regulations for all our products, ensuring the highest standards of safety and quality.*

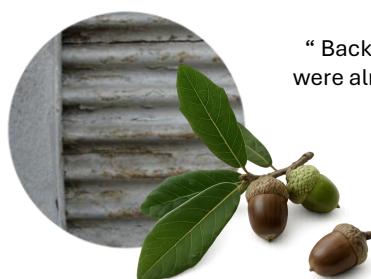
*Our **R+D+I department** continuously develops product improvements, expansions and safety enhancements in close collaboration with the management team –responsible for decision-making– and the production team, which turns each project into a tangible reality.*

Imagine a **cork oak** planted 80 years ago in land near Girona. When it was Young, it was just a fragile sprout, surrounded by uncertainty, wind and difficult seasons. Its first roots had to break through stones, seeking water where others saw nothing. This is how great **family business** are born: with silent effort, patience and long-term vision.

Over the years, the oak grew firm and its trunk became robust, not grow fast, but to resist every winter, drought and storm. Similarly, a **metallurgical Company** like **PORTES RIERA** reaches this point by overcoming economic crises, technological changes and market transformations, generation after generation.

The **cork oak** has a unique quality: its bark regenerates. Cork is extracted and, far from weakening, it grows back even stronger over time. This is a powerful metaphor for a **solid Company**: a Company that knows how to reinvent itself without losing its essence, modernizing machinery and incorporating new talent while maintaining lifelong values.

The oak does not grow alone: it creates an **ecosystem**, provides shade and life around it. Just like a Company rooted in Girona likes **PORTES RIERA**, which generates employment, trains professionals and contributes to the development of the region.



“ Back when doors looked this, we were already manufacturing them. “

Josep Riera Collell
Founder

PORTES METÀL·LIQUES RIERA

For that reason, this Company is not just a **metalworking industry**. It is like a **cork oak**: deeply rooted, resilient and built to **keep growing** over time.

RESIDENTIAL | Solutions designed for daily home, life, where reliability and aesthetics go hand in hand. Our garage doors –up-and-over and roller– along with our hinged and sliding doors and our fencing systems, combine robustness, ease of use and architectural integration. Products built to last, with minimal maintenance and a finish that meets the expectations of the private customer.

RETAIL SOLUTIONS | The roller shutter as a key business asset: secure, agile and designed for intensive use. We develop solutions that enhance the day-to-day operation of retail and service environments, prioritizing durability, speed and protection. Consistent performance, with an industrial mindset applied to everyday commercial use.

INDUSTRIAL | Solutions conceived for demanding environments, where every detail impacts productivity. Our aluminium and steel roller shutters ensure security, efficiency and operational continuity. We rely on high-performance materials, optimized processes and continuous product evolution to anticipate sector demands. Manufacturing heritage with a forward-looking vision: technology and reliability serving industry.



Like a **sturdy trunk** of a cork oak that supports and strengthens all its branches, **PORTES RIERA** grows on a solid foundation.

From this **solid core** emerge three main branches that expand with their own strength: the **commercial, residential and industrial** sectors.

Each addresses different needs, yet all share the same **roots of quality, innovation and commitment** that define the Company

| SECTORS



| ALUMINIUM SERIES

BASIC

AIRE

L

XL

CUSTOM

VISIO

MICRODOT

SECURE

PANORAMIK L

XL

CUSTOM

OPAK – PC

AISLA

– PUR

– PIR

BlindaBlock 

| STEEL SERIES

RIE-10

RIE-10 PRELACADA

RIE-10 TROQUEL

RIE-10 MICRO

RIE-10 DN

ONDULADA

ONDULADA MICRO

ThermaBlock GALVA

| RIDECOR SERIES

ITALIA GALVA

DECOR ZINCADA

RECTA

INTERCALADA

VARILLA ZINCADA

AROS

CONCHA

Our **range of curtains** covers different **roller shutter** slat systems. It is design to provide reliable, versatile technical solutions adapted to the needs of each Project. We work with high-quality materials and manufacturing processes that ensure optimal performance, great durability and excellent mechanical and aesthetic properties.

CURTAIN

We offer three main product lines: **aluminium slats**, **galvanised steel slats** and **decorative slats**, all designed to meet different functional and design requirements. Each of those families can be customised in **terms of dimensions and finishes**, allowing perfect integration into a wide range of architectural environments.



The **acorn** symbolises the origin of great potential: small and seemingly simple, yet capable of **growing into a strong, mature tree** over time.

Similarly, the **double-walled aluminium slat** is conceived as a discreet yet essential technical component, designed to provide strength and functionality within a larger structure.

Like a seed that grows into a cork oak, this component evolves in **reliability** and **performance**, proving that the most robust solutions often originate from something simple yet carefully designed.

| ALUMINIUM SERIES

BASIC

AIRE L

AIRE XL

AIRE CUSTOM

AIRE VISIO

MICRODOT



SECURE

PANORAMIK L

PANORAMIK XL

PANORAMIK CUSTOM

OPAK – PC

AISLA – PUR

AISLA – PIR



BlindaBlock 



ALUMINIUM SERIES | CURTAIN

| · SIDE GUIDES · | ALUMINIUM

Single | 70x33,4



Reinforced guide



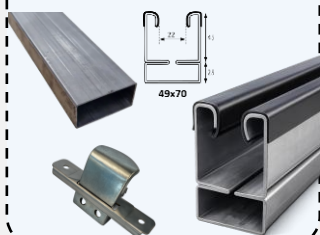
80x76,9



double
116,90x80

| · ACCESSORIES · |

Storm guides



| · BOTTOM BARS · |



Model

Description

End caps



BASIC

Solid single slat



AIRE L *

Single slat small perforation



AIRE XL *

Single slat large perforation



AIRE CUSTOM *

Single slat custom perforation



AIRE VISIO *

Single slat fully perforated

* option to insert a 1 mm Polycarbonate sheet



MICRODOT

Single slat microperforated



SECURE

Double slat



PANORAMIK L

Double slat small perforation



PANORAMIK XL

Double slat large perforation



PANORAMIK CUSTOM

Double slat custom perforation



OPAK - PC *

Security double slat
| Polycarbonate core 12 mm



AISLA-PUR

Double slat | PUR/D35 infill
Thermal performance



AISLA-PIR

Double slat | PIR ALU 45 infill
in accordance with thermal
insulation material standards



BOTTOM BAR

Aluminium bottom bar with end cap



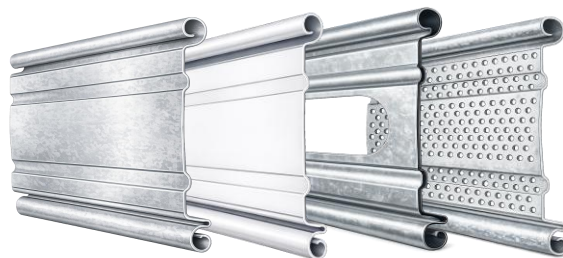
| STEEL SERIES

RIE-10 *

RIE-10 PRELACADA

RIE-10 TROQUEL *

RIE-10 MICRO *

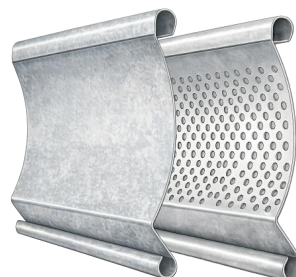


RIE – DN *

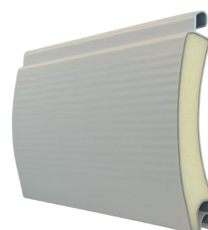


ONDULADA *

ONDULADA MICRO *



ThermaBlock GALVA



*** Same for stainless steel models**



STEEL SERIES | CURTAIN

| · SIDE GUIDES · |

STEEL

Single guide

 35x25

 50x25

 80x25

Omega guide

 30x25

 50x25

| · SIDE GUIDES · |

ALUMINI

Single | 70x33,4



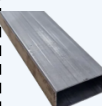
Reinforced guide double

 80x76,9

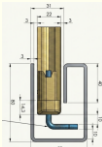
 116,90x80

| · ACCESSORIES · |

Storm guides



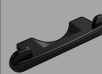
Storm guides



| · BOTTOM BARS · |



Sealing gasket →

Model	Description	End caps
 RIE-10 *	Articulated galvanised slat	
 RIE-10 LACADA *	AR-10 articulated galvanised slat Pre-coated in white & grey	
 RIE-10 TROQUEL *	AR-10 articulated galvanised slat Perforated 100X27	
 RIE-10 MICRO *	AR-10 articulated galvanised slat Microperforated	
 RIE-10 DN *	Articulated galvanised slat Double rib	
 ONDULADA *	Curved galvanised slat	
 ONDULADA MICRO *	Curved galvanised slat Microperforated	

 **ThermaBlock GALVA**

Injected aluminium slat with PUR core
compliance with thermal insulation
material standards



 **GROUP RIE-10 BOTTOM BAR**

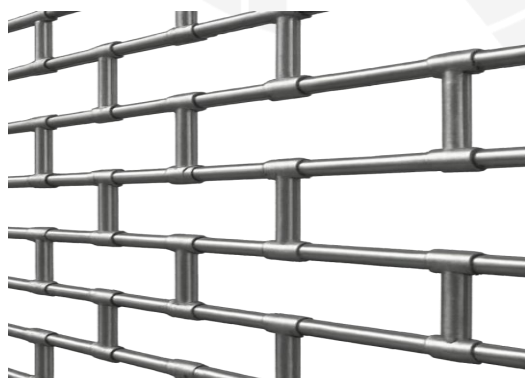
Bottom bar in galvanised steel



* Same for stainless steel models

| RIDECOR SERIES

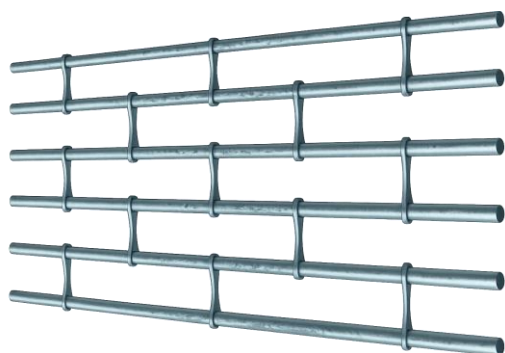
ITALIA GALVA



DECOR ZINCADA

RECTA

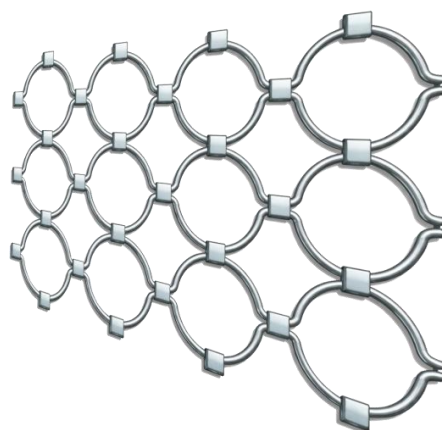
INTERCALADA



VARILLA ZINCADA

AROS

CONCHA



RIDECOR SERIES | CURTAIN

· SIDE GUIDES · STEEL

Single guide



Omega guide



· SIDE GUIDES · ALUMINIUM

Single | 70x33,4

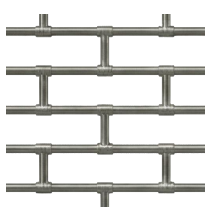


Reinforced guide



Model

ITALIA GALVA



Tubes

Ø18 Tube
(wall thickness
15 mm)



Upper
profile



Connection End caps



DECOR ZINCADA

RECTA



INTERCALADA

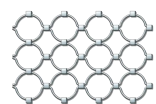


Ø14 Tube
(Wall thickness
15 mm)

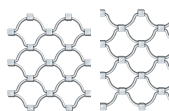


VARILLA ZINCADA

AROS



CONCHA



Rods



RIE-10

AR-10 articulated galvanised steel



RIE-10 LACADA

AR-10 articulated galvanised steel
Pre-coated white & grey



RIE-10 DN

Articulated galvanised steel slat
Double rib



ONDULADA

Curved galvanised steel slat



GROUP RIE-10 BOTTOM BAR Bottom bar in galvanised steel

· BOTTOM BARS ·



Sealing
gasket

Our range of curtains offers, in addition to the base finish in **anodised aluminium, galvanised steel or stainless steel**, a wide variety of customisable finishing options to match each client's corporate image or aesthetic requirements.

We can match **colour samples**, adapt to **standard RAL colour chart**, and apply different **surface finishing** treatments.



FINISH

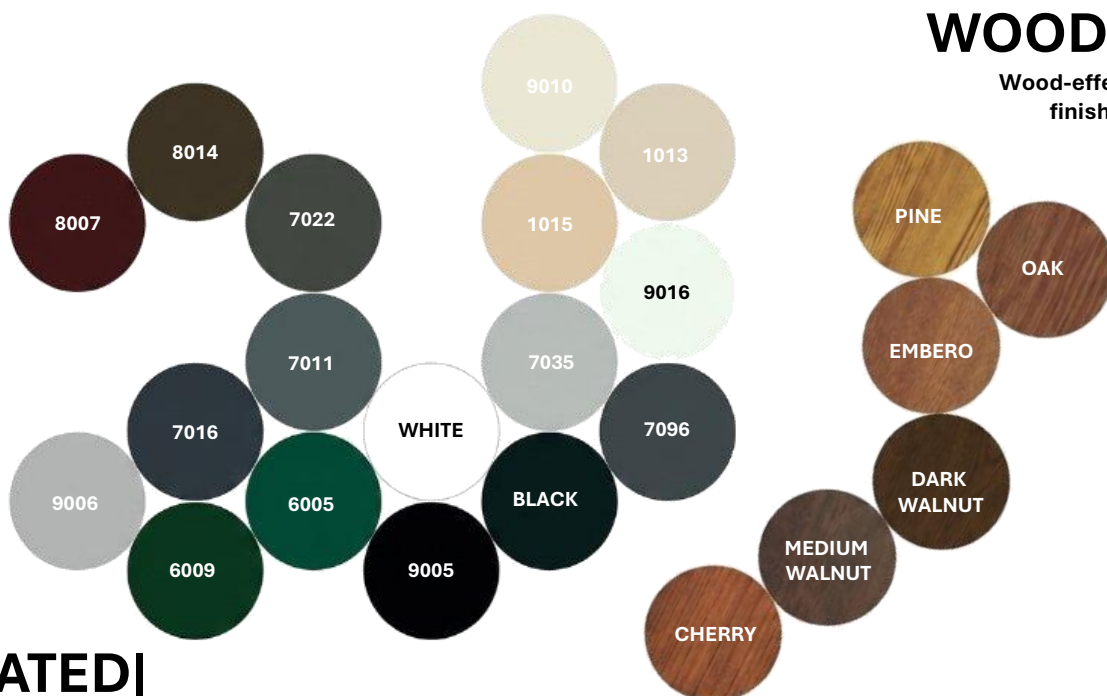
BASE |

The essence of the finish



WOOD |

Wood-effect finishes

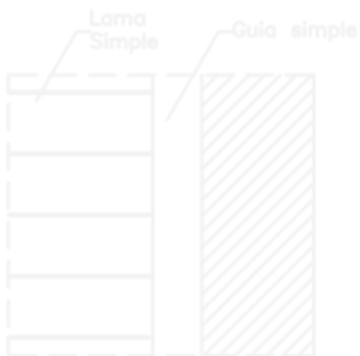


COATED|

RAL colour chart and Custom options



The **cork oak**, with its common structure but natural variations in **leaves** and **acorns**, presents **unique nuances** in colour and shape, just as each slat or rod can be configured with different **aesthetic finishes** (colours and textures).



Alzado

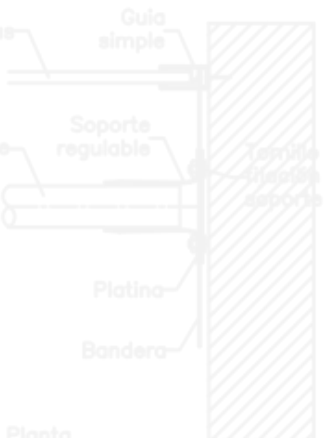


Planta

DETALLE D2
E: 1/10



Alzado



Planta

DETALLE D4
E: 1/10



Perfil-Guía simple



DETALLE TERMINALES
E: 1/5

ELEMENTOS PRINCIPALES	
Llama Doble	
Llama Simple	
Bajo Doble	
Goma Bajo	
Terminal Doble	
Terminal Simple	
Guía Simple	
Tubo eje	
Enganche hoja-polea	
Polea portamuellos	
Bandera	
Soporte regulable	
Platina	



DETALLE LAMA SIMPLE
1/5



DETALLE LAMA BAJO
E: 1/5

PORTES METAL-LIQUES RIERA	
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PERSIANA LAMA SIMPLE CON GUÍA SIMPLE Y SOPORTES	Fecha: 08/02/2017
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PRODUCT SERIES



CONTENT

ALUMINIUM

SERIES	BASIC	17-18
	SECURE	19-20

STEEL

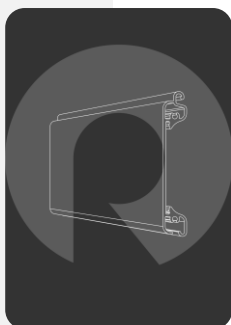
SERIES	RIE-10	21-22
	RIE-10 DN & ONDULADA	23-24
	ThermaBlock GALVA	25-26

RIDECOR

SERIES	ITALIA GALVA	27-28
	VARILLA ZINCADA	29-30
	DECOR ZINCADA	31-32

| 17-18

ALUMINIUM SERIES



Description | BASIC

SINGLE-WALL ALUMINIUM SLAT with a height of 95 mm, a width of 15,5 mm and a thickness of 2 mm



- Technical data -

The feasibility of the maximum dimensions and height depends on the **accessories** and **automation** system selected. Technical specifications –such as weight, wind and resistance and opening speed– also very according to the slat type chosen.

Under standard conditions, the doors can reach approximately **10 metres**, while wind resistance can be classified in categories 3, 4 or 5.

| - Manufacturing and materials

The single-wall slat is manufactured through a high-quality aluminium extrusion process. Its structure complies with international standards UNE-EN 755-9 and UNE-EN 12020-2, as well as UNE-EN515 and UNE-EN516, ensuring durability and safety application.

| - Alloy

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

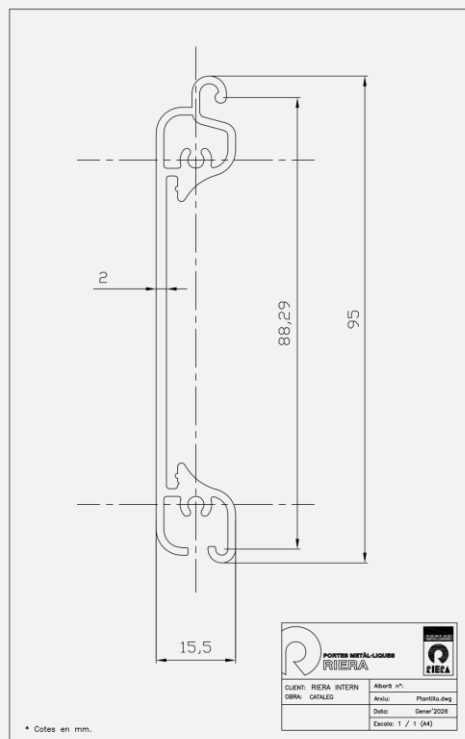
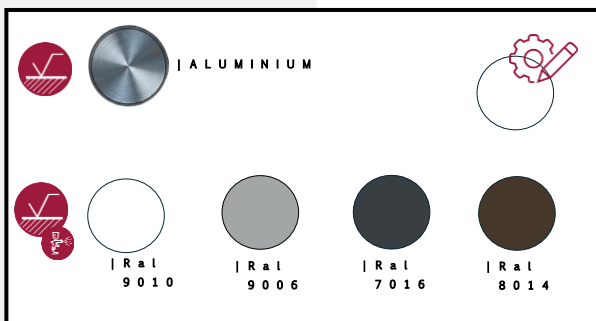
| - Finishes

The anodized finish is certified with the QUALANOD quality label, ensuring superior corrosion resistance and a uniform aesthetic finish.

The powder coating process is also certified with the QUALICOAT quality label, guaranteeing homogeneous coverage and high resistance to adverse environmental conditions.

For a wood-effect finish, the coating is carried out under the QUALIDECO quality label, providing a natural and elegant appearance that integrates seamlessly into different architectural environments.

- Finishes and models -



BASIC | PRODUCT

| BASIC

SINGLE-WALL ALUMINIUM SLAT

95 x 15,5 · 2 mm thickness

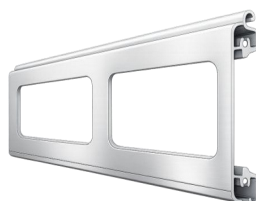


| AIRE L

SINGLE-WALL ALUMINIUM SLAT PERFORATED 145X43

95 x 15,5 · 2 mm thickness

OPTIONAL
POLYCARBONATE INSERT
1 mm



| AIRE XL

SINGLE-WALL ALUMINIUM SLAT PERFORATED 310X43

95 x 15,5 · 2 mm thickness

INTERIOR OPTION
POLYCARBONATE INSERT
1 mm



| AIRE CUSTOM

SINGLE-WALL ALUMINIUM SLAT CUSTOM PERFORATION

95 x 15,5 · 2 mm thickness

OPTIONAL
POLYCARBONATE INSERT
1 mm



| AIRE VISIO

SINGLE-WALL ALUMINIUM SLAT MAXIMUM PERFORATION

95 x 15,5 · 2 mm thickness

POLYCARBONATE INSERT
1 mm



| · SIDE GUIDES · | ALUMINIUM

Single | 70x33,4



Reinforced guide



80x76,9



double
116,90x80



| END CAPS

96X15,8 · 1 thickness

Our curtain is finished with a **stainless steel** bottom bar made from 304&316 alloy



| ALUMINIUM BOTTOM BAR

138,3X15,5 · 1,7 thickness

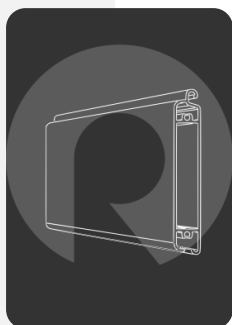
The lower part of the bottom bar includes a sealing rubber that improves airtightness, as well as a sliding insert that facilitates smooth movement within the guides

| 19-20

ALUMINIUM SERIES

Description | SECURE

DOUBLE-WALL ALUMINIUM SLAT 95 mm height · 1,5 mm thickness



- Technical data -

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

Under standard conditions, the doors can reach approximately **12 metres**, while wind resistance can be classified in categories 3, 4 or 5.

| - Manufacturing and materials

The single-wall slat is manufactured through a high-quality aluminium extrusion process. Its structure complies with international standards UNE-EN 755-9 and UNE-EN 12020-2, as well as UNE-EN515 and UNE-EN516, ensuring durability and safety application.

| - Alloy

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

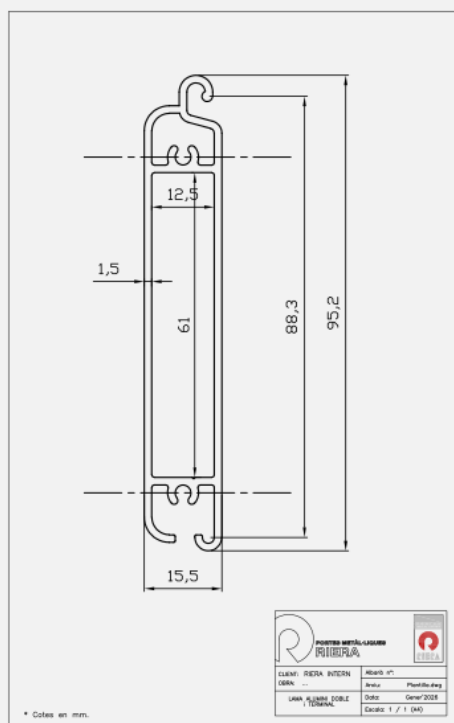
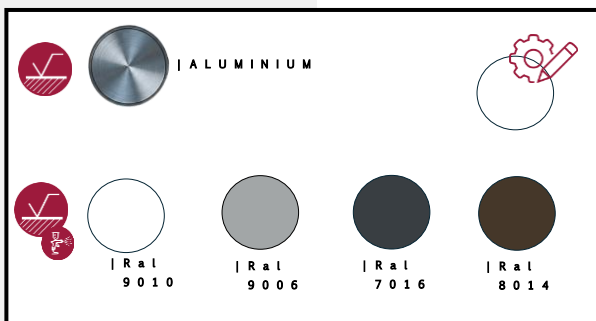
| - Finishes

The anodized finish is certified with the QUALANOD quality label, ensuring superior corrosion resistance and a uniform aesthetic finish.

The powder coating process is also certified with the QUALICOAT quality label, guaranteeing homogeneous coverage and high resistance to adverse environmental conditions.

For a wood-effect finish, the coating is carried out under the QUALIDECO quality label, providing a natural and elegant appearance that integrates seamlessly into different architectural environments.

- Finishes and models -



SECURE | PRODUCT

| SECURE DOUBLE ALUMINIUM SLAT

95 x 15,5 · 1,5 mm
thickness



| PANORAMIK DOUBLE ALUMINIUM SLAT

95 x 15,5 · 1,5 mm
thickness
12 mm POLYCARBONATE
(various perforation
options)



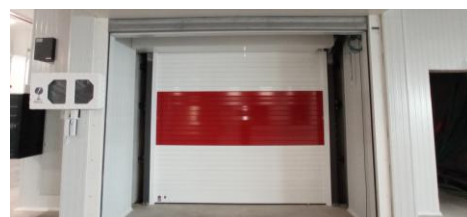
| OPAK - PC DOUBLE ALUMINIUM SLAT

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



| AISLA PUR DOUBLE ALUMINIUM SLAT

95 x 15,5 · 1,5 mm
thickness
10 mm FOAMED
POLYURETHANE



| AISLA PIR DOUBLE ALUMINIUM SLAT

95 x 15,5 · 1,5 mm
thickness
10 mm
POLYISOCIANURATE



| · SIDE GUIDES · | ALUMINIUM

Single | 70x33,4



Reinforced guide



80x76,9



double
116,90x80



| END CAPS

85,4X17,8 · 1 thickness

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

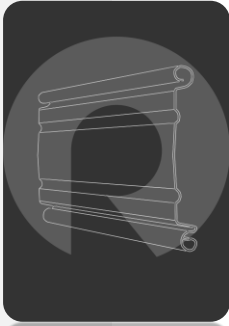


| ALUMINIUM BOTTOM BAR

138,3X15,5 · 1,7 thickness

The lower part of the bottom
bar includes a rubber strip
that improves sealing and a
pad that facilitates smooth
sliding within the guides.

Description | RIE-10 GALVANISED STEEL SLAT 105 mm thickness



- Technical data -

The feasibility of the maximum dimensions and height depends on the **accessories** and **automation** system selected. Technical specifications –such as weight, wind resistance and opening speed– also very according to the type chosen.

Under standard conditions, the doors can reach approximately **10 metres**, and wind resistance can be classified in categories 3 or 4 depending on the installation location.

| • Manufacturing

The galvanised steel slat is manufactured from galvanised steel coil through a continuous cold roll forming process. The sheet passes through a series of progressive rollers that shape its profile and create the articulated interlocking system.

| • Material

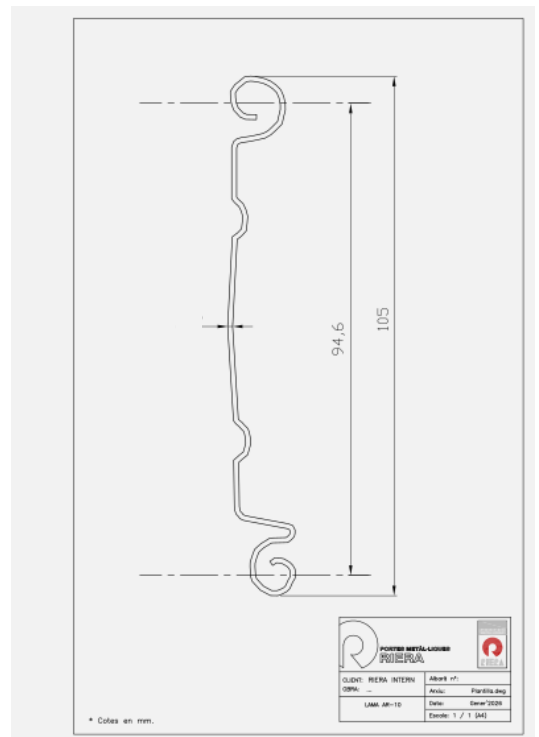
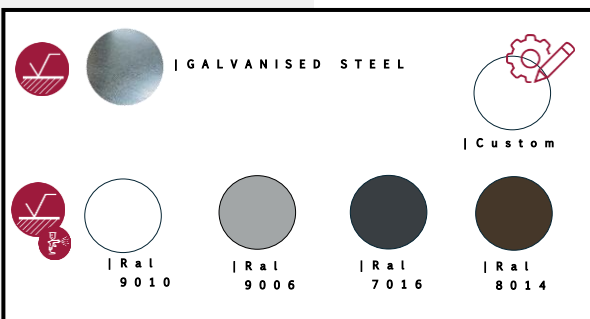
It is structural steel product coated with zinc through a hot-dip galvanizing process, providing high corrosion resistance and enhanced durability in outdoor environments.

| • Finishes

The powder coating process is also certified with the QUALICOAT quality label, ensuring a uniform coating and high resistance to adverse environmental conditions.

For a wood-effect finish, the coating is carried under the QUALIDECO quality label, providing a natural and elegant appearance that integrates seamlessly into different architectural environments.

- Finishes and models -



RIE-10 | PRODUCT

**| RIE-10
SLAT
GALVANISED STEEL**
105 X15 mm



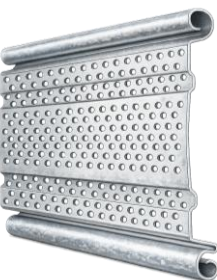
**| RIE-10 COATED
SLAT
GALVANISED STEEL**
105 x 15 mm
PRE-COATED WHITE
(rear side grey)



**| RIE-10
PERFORATED
SLAT
GALVANISED STEEL**
105 x 15 mm



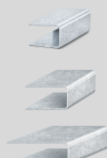
**| RIE-10 MICRO
SLAT
GALVANISED STEEL**
105 x 15 mm



| • SIDE GUIDES • |

STEEL

Single guide



35x25

50x25

80x25

Omega guide



30x25

50x25



| END CAPS

107X18,5 variable thickness

Our curtain is finished with a PA6 (nylon) end cap. Two versions are available: left-hand and right-hand.



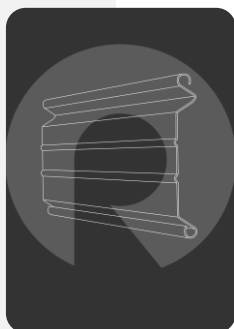
| GALVANISED STEEL BOTTOM BAR
142 x 28 mm · 2 mm thickness

The lower part of the bottom bar includes a sealing rubber that improves performance.

This bottom bar is compatible with the slats indicated above.

| 23-24

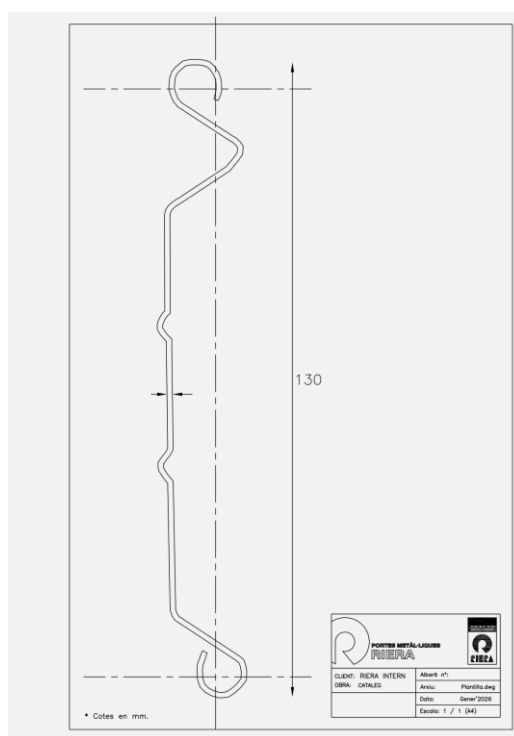
STEEL SERIES



| RIE-10 DN
INTERLOCKING SLAT
IN GALVANISED STEEL
DOUBLE RIB PROFILE
130 x 17,2



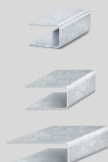
RIE-10 DN | PRODUCT



| · SIDE GUIDES · |

STEEL

Single guide



35x25

50x25

80x25

Omega guide



30x25

50x25

| END CAPS

Without end caps



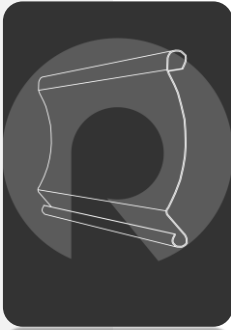
| GALVANISED STEEL BOTTOM BAR

142 x 28 mm · 2 mm thickness

The lower part of the bottom bar includes a sealing rubber that improves performance.

This bottom bar is compatible with the slats indicated above.

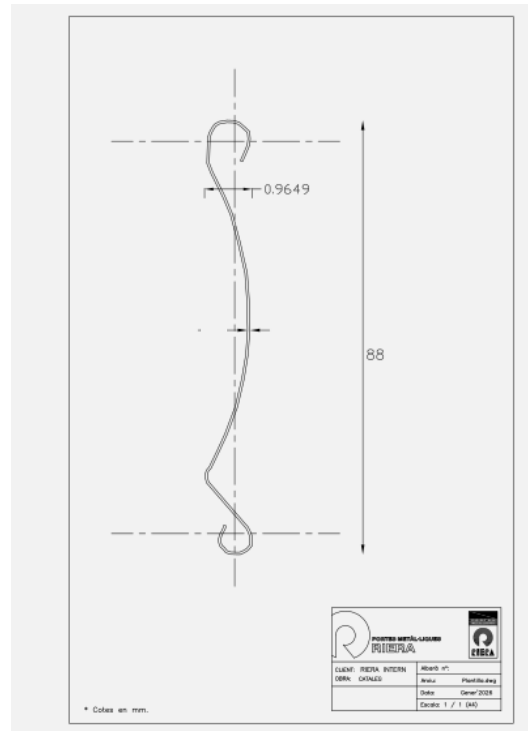
ONDULADA | PRODUCT



| ONDULADA
INTERLOCKING SLAT
GALVANISED STEEL
CURVRD PROFILE
88 x 9,6



| ONDULADA
MICRO
INTERLOCKING SLAT
GALVANISED SLAT
CURVED PROFILE
WITH PERFORATIONS
88 x 9,6



| • SIDE GUIDES • | STEEL

Single guide

	35x25
	50x25
	80x25

Omega guide

	30x25
	50x25



| END CAPS
107X18,5 variable thickness

Our curtain is finished with a PA6 (nylon) end cap. Two versions are available: left-hand and right-hand.

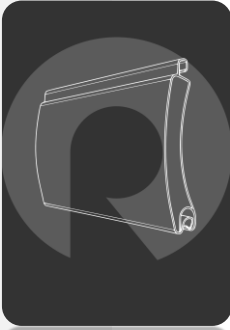


| GALVANISED STEEL BOTTOM BAR
142 x 28 mm · 2 mm thickness

The lower part of the bottom bar includes a sealing rubber that improves performance.

This bottom bar is compatible with the slats indicated above.

STEEL SERIES

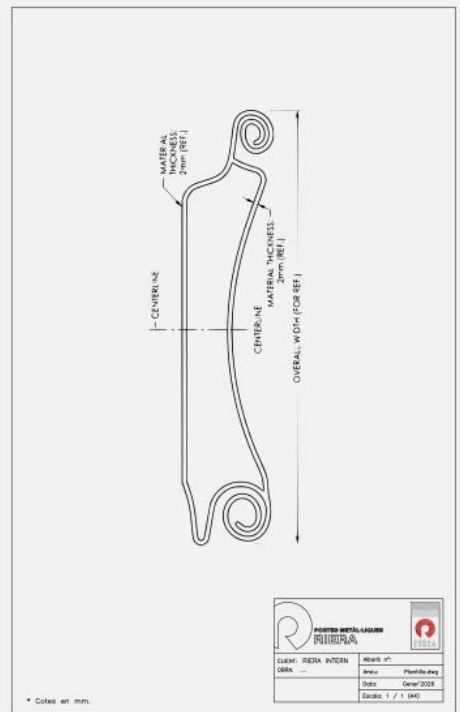


| ThermaBlock Galva

ALUMINIUM SLAT
PUR FOAM INJECTED
DENSITY 85-90 KG/M3
GALVANISED STEEL
90 mm height
0,8/1 mm thickness



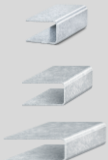
ThermaBlock GALVA | PRODUCT



| • SIDE GUIDES • |

STEEL

Single guide



35x25
50x25
80x25

Omega guide

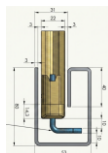


30x25
50x25



| END CAPS

Finishing end components fitted to end of the slat to guide it into the track, ensuring straight entry and improving safety.

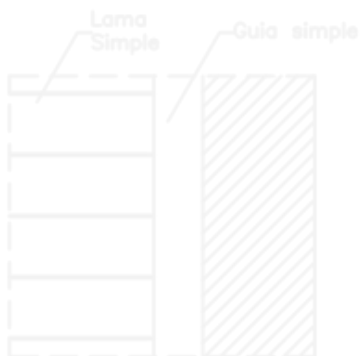


| GUIDES

Side tracks of the door assembly with storm system.

| ThermaBlock BOTTOM BAR
Bottom finishing component of the door assembly.
Includes a sealing profile.





Alzado



Planta

DETALLE D2 E: 1/10



Alzado



Planta

DETALLE D4 E: 1/10



Perfil



Perfil



DETALLE TERMINALES E: 1/5

ELEMENTOS PRINCIPALES	
Lama Doble	
Lama Simple	
Baja Doble	
Goma Baja	
Terminal Doble	
Terminal Simple	
Guia Simple	
Tubo eje	
Enganche hoja-polea	
Polea portamuelles	
Bandera	
Soporte regulable	
Platina	



DETALLE LAMA SIMPLE E: 1/5

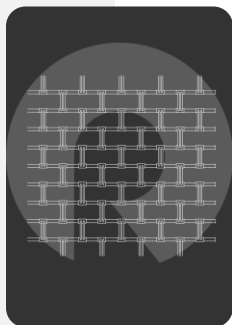


DETALLE LAMA BAJO E: 1/5

PORTES METÀL·LIQUES RIERA	
CLIENTE:	Albarán n°:
OBRA:	ArchivosP.eup.bandera.deg
PERSIANA LAMA SIMPLE CON GUIA SIMPLE Y SOPORTES TIPO BANDERA	Fecha: 08/02/2017
	Escala: 1/25, 1/10, 1/5

Description | ITALIA GALVA
Ø18 GALVANISED TUBE WITH 1,5 mm THICKNESS

RIDECOR SERIES



- Technical data -

The feasibility of maximum width and height 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 rods or tubes selected.

Each project must be assessed individually.

| • Manufacturing

The shutter is manufactured using steel rods joined by a vertical link road. At the end, a nylon component is incorporated which, through a metal plate, is fixed to the tube to ensure lateral alignment. The entire assembly is secured with two screws.

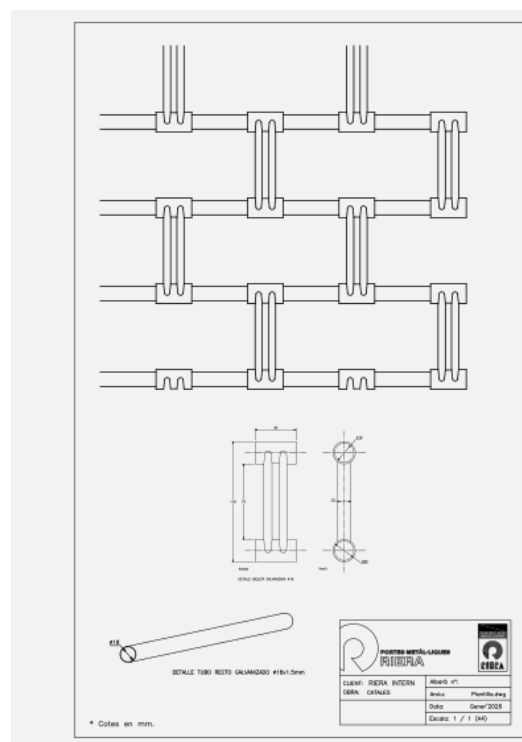
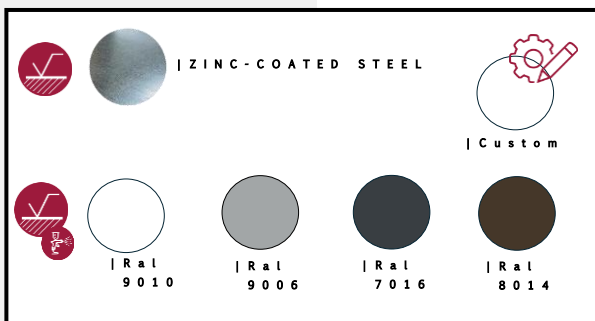
| • Material

Hot-dip galvanizing coats the steel with molten zinc, creating a highly adherent metal-to-metal layer. This process ensures long-lasting corrosion protection, provides a stable and controlled industrial finish, delivers high resistance for both indoor and outdoor use and minimizes maintenance throughout the product's lifecycle.

| • Finishes

The powder coating process is certified with the **QUALICOAT** quality label, ensuring a uniform coating and resistance to adverse environmental conditions. For a **wood-effect** finish, the **QUALIDECO** certification guarantees a natural and elegant appearance, integrated into any architectural environment.

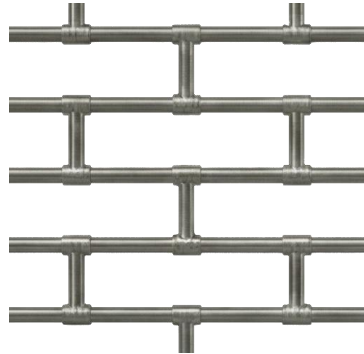
- Acabats i models -



| Product description

Assembly composed of a Ø18 rod with 1,5 mm thickness, joined by link rods with a height of 96 mm (spacing 300 mm). Lightweight and resistant design.

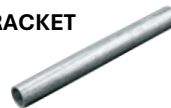
The lower part of the door must be finished with a galvanised steel slat, which can be selected from the indicated variants.



**| CONNECTING
PIECE



| SHAFT FIXING BRACKET
Galvanised steel
Dimensions ...



| ROD
Galvanised tube
Ø18 mm | Max. width ...

| CONNECTING PIECE **
Steel flat bar, plastic stop and
end caps.

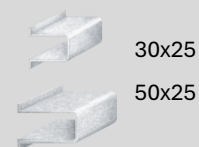


| · SIDE GUIDES · | STEEL

Simple guide



Omega guide



| 1



| 2



| 3



| GALVANISED STEEL SLAT
Blind base slats are installed
at the bottom section.
1 | RIE-10 slat (terminal A)
2 | RIE-DN slat (terminal A)
3 | ONDULADA slat (terminal B)

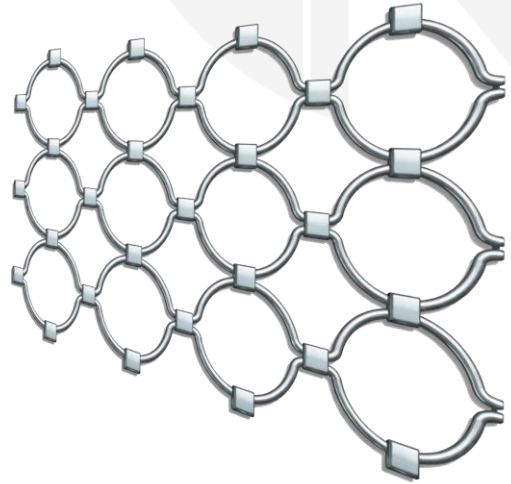
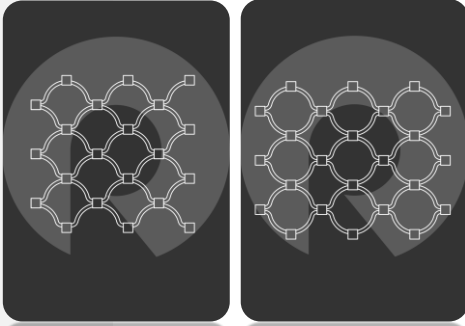


| END CAPS
107X18,5 variable thickness
Our curtain is finished with a
PA6 (nylon) end cap. Two
versions are available: right-
hand and left-hand.



| GALVANISED STEEL BOTTOM BAR
142 x 28 mm · 2 mm thickness
The lower part of the bottom
bar includes a sealing rubber
that improves performance.
This bottom bar is compatible
with the slats indicated
above.

Description | **VARILLA ZINCADA**
ZINC COATED STEEL Ø8 mm TUBE



- Technical data -

The feasibility of maximum width and height depends on the **accessories** and the **automation** system. Technical specifications –such as weight, wind resistance and opening speed- also very depending on the type of rods or tubes selected.

Each project must be assessed individually.

| • Manufacturing

The shutter is manufactured using steel rods whose geometry allows two design options (circles and shells). The rods are joined by metal components forming a flexible and resistant panel, which is then zinc-coated to ensure durability and safety.

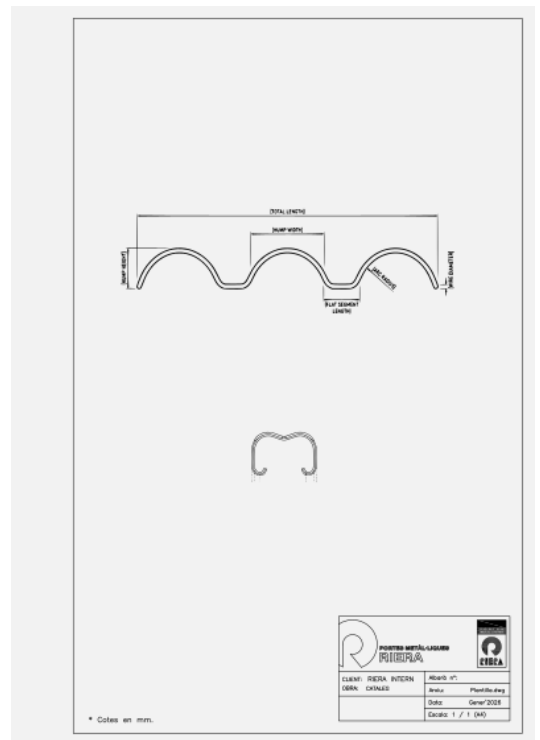
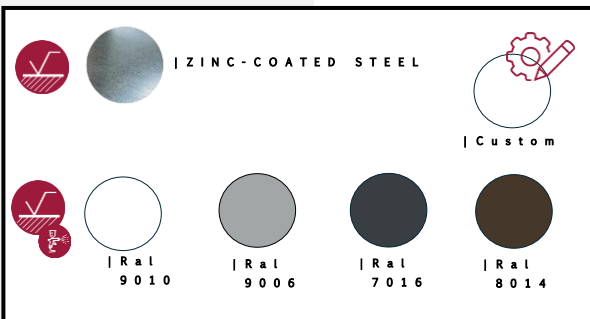
| • Material

The zinc **coating process** consists of depositing a thin layer of zinc onto steel through electroplating, creating a protective barrier and galvanic protection against corrosion. This layer is formed by **electrodeposition** in an electrolytic bath, following a thorough surface preparation process.

| • Finishes

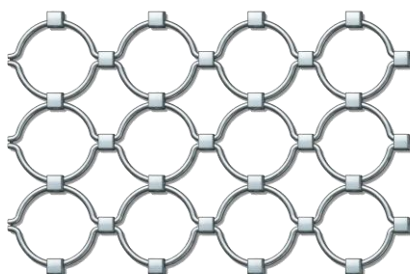
The powder coating process is certified with the **QUALICOAT** quality label, ensuring a uniform coating and resistance to adverse environmental conditions. For a **wood-effect** finish, the **QUALIDECO** certification guarantees a natural and elegant appearance, integrated into any architectural environment.

- Finishes and models-

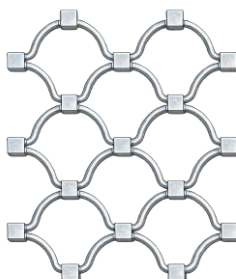


VARILLA ZINCADA | PRODUCT

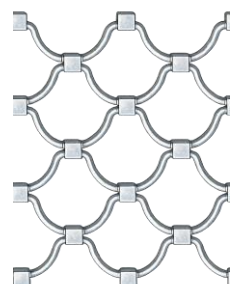
| AROS
SLAT - RING
ZINC-COATED STEEL
0,8 mm thickness
Spacing 180



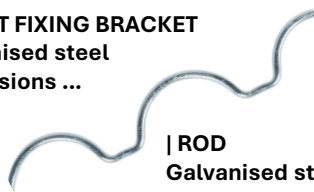
| CONCHA DALT
SLAT - UP
ZINC-COATED STEEL
0,8 mm thickness
Spacing 180



| CONCHA BAIX
SLAT - DOWN
ZINC-COATED STEEL
0,8 mm thickness
Spacing 180



| SHAFT FIXING BRACKET
Galvanised steel
Dimensions ...



| ROD
Galvanised steel
Ø8mm | Max. width ...

| CONNECTING PIECE
Galvanised steel
Dimensions



| · SIDE GUIDES · | STEEL

Single guide



Omega guide



| 1



| 2



| 3



| GALVANISED STEEL SLAT
Blind base slats are installed at the bottom section.
1 | RIE-10 slat (terminal A)
2 | RIE-DN slat (terminal A)
3 | ONDULADA slat (terminal B)



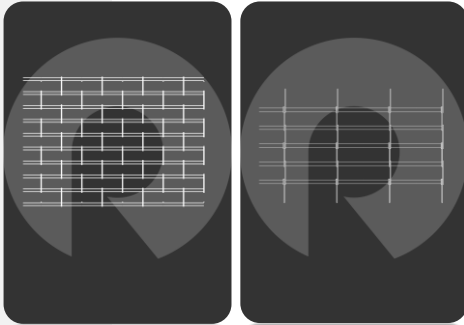
| END CAPS
107X18,5 variable thickness
Our curtain is finished with a PA6 (nylon) end cap. Two versions are available: right-hand and left-hand.



| GALVANISED STEEL BOTTOM BAR
142 x 28 mm · 2 mm thickness

The lower part of the bottom bar includes a sealing rubber that improves performance. This bottom bar is compatible with the slats indicated above.

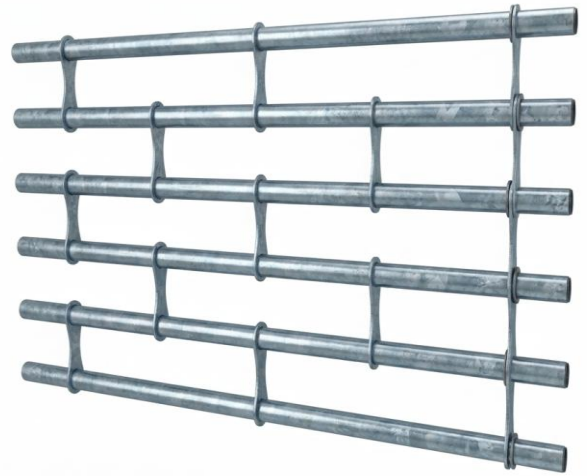
Description | DECOR ZINCADA
ZINC-COATED STEEL Ø8 mm TUBE



- Technical data -

The feasibility of maximum width and height depends on the **accessories** and the **automation** system. Technical specifications –such as weight, wind resistance and opening speed- also very depending on the type of rods or tubes selected.

Each project must be assessed individually.



| • Manufacturing

The shutter is manufactured using steel rods whose geometry allows two design options (circles and shells). The rods are joined by metal components forming a flexible and resistant panel, which is then zinc-coated to ensure durability and safety.

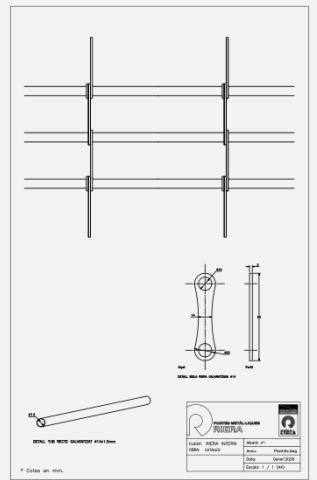
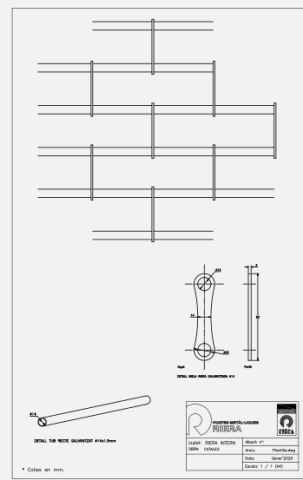
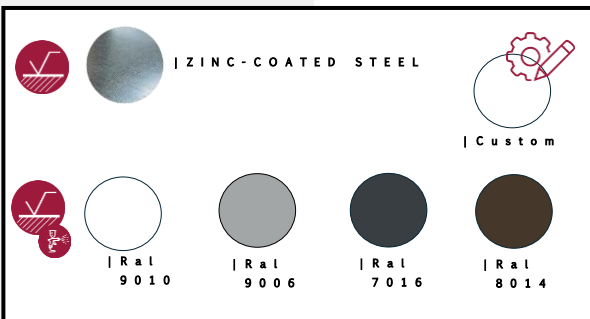
| • Material

The **zinc coating process** consists of depositing a thin layer of zinc onto steel through electroplating, creating a protective barrier and galvanic protection against corrosion. This layer is formed by **electrodeposition** in an electrolytic bath, following a thorough surface preparation process.

| • Finishes

The powder coating process is certified with the **QUALICOAT** quality label, ensuring a uniform coating and resistance to adverse environmental conditions. For a **wood-effect** finish, the **QUALIDECO** certification guarantees a natural and elegant appearance, integrated into any architectural environment.

- Finishes and models -

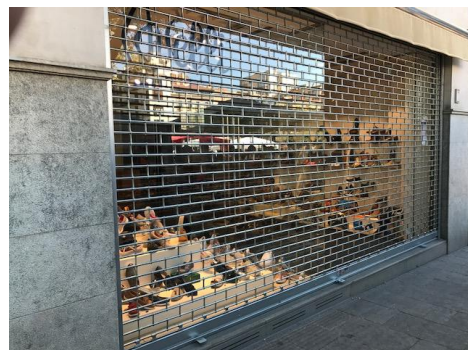
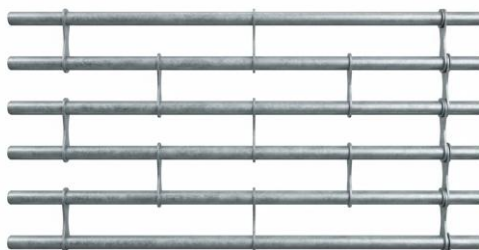


DECOR ZINCADA | PRODUCT

| RECTA
SLAT
ZINC-COATED STEEL
 Ø 14 thickness
 1,5 mm wall



| INTERCALADA
SLAT
ZINC-COATED STEEL
 Ø 14 thickness
 1,5 mm wall



| SHAFT FIXING BRACKET
 Galvanised steel
 Dimensions ...



| TUBE
 Galvanised steel
 Ø14mm wall 1,5 mm
 Max. width



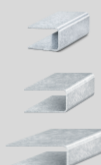
| CONNECTING PIECE
 Galvanised steel
 Dimensions



| END CAP
 Washer and caps

| · SIDE GUIDES · |
STEEL

Simple guide



35x25
 50x25
 80x25

Omega guide



30x25
 50x25

| 1



| 2



| 3



| GALVANISED STEEL SLAT

Blind base slats are installed at the bottom section.

1 | RIE-10 slat (terminal A)

2 | RIE-DN slat (terminal A)

3 | ONDULADA slat (terminal B)

| A



| B



| END CAPS

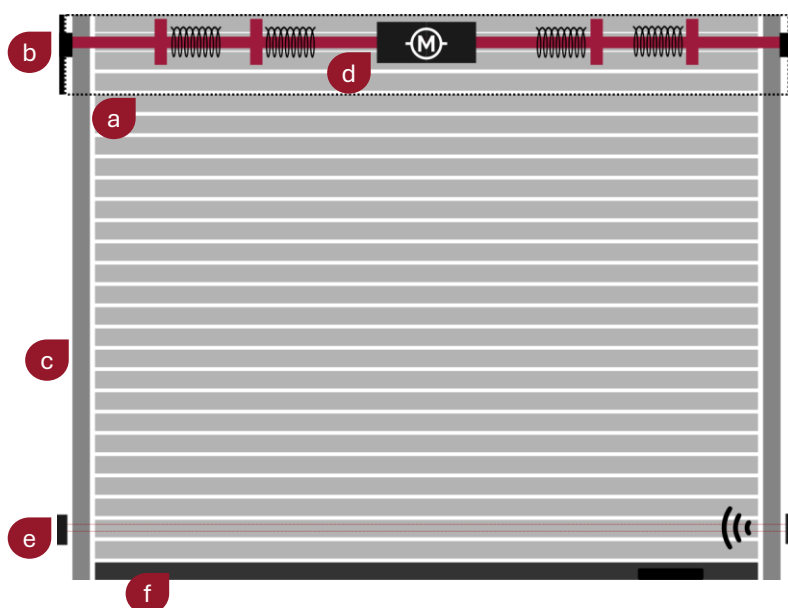
107X18,5 variable thickness
 Our curtain is finished with PA6 (nylon) end cap. Two versions are available: right-hand and left-hand.



| GALVANISED STEEL BOTTOM BAR
 142 x 28 mm · 2 mm thickness

The lower part of the bottom bar includes a sealing rubber that improves performance. This bottom bar is compatible with the slats indicated above.

| DOOR COMPONENTS



- a** Cover casing
- b** Supports and shafts
- c** Guides
- d** Drive units
- e** Safety systems
- f** Bottom bar and end components

The **roller shutter** door operates like a **cork oak tree**. The **side guides** act as the roots, ensuring the fixation and stability of the entire structure. The **rolling shaft** performs the role of the trunk, supporting the structure and enabling movement. The **slats** are equivalent to the cork bark: they form the protective layer, flexible and resistant to impacts. The accessory profiles function like branches, distributing loads and connecting the different parts. Finally, the motor and electronics act as the vital system, generating and controlling the movement of the door.

DIMENSIONAL SPECIFICATION

COMPONENTS

MEDIDAS INICIALES

- INTERIOR -

** Medidas siempre desde dentro **

Ancho	Alto
C Dintel	
D Derecha	
E Izquierda	
F Techo	

M² porta

< - Espacio enrolla puerta

G |

H |

A | rollo interior

B | rollo superior

C | rollo exterior

DETALLE
 - Elementos especiales -

MEDIDAS ENROLLADO

DETALLE GUIAS

- Detalle situación -

TIPO A | GUÍA FRONTAL ☐



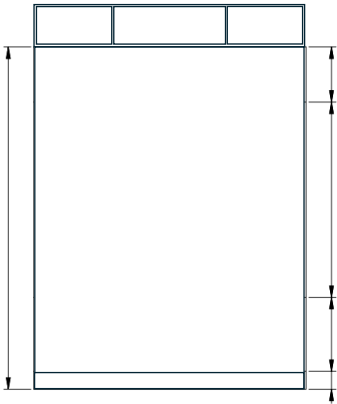
TIPO B | GUÍA ENTRE MUROS ☐



The diagrams illustrate two types of guide systems. Tipo A, 'GUÍA FRONTAL', shows a sun icon above a horizontal guide rail with two wheels on either side. Tipo B, 'GUÍA ENTRE MUROS', shows a sun icon above a horizontal guide rail with two wheels on either side, but the wheels are positioned between two vertical walls.

MODELO PUERTA





OPCIONES:

Cerradura NO ☐ SI ☐

☐ Interior
☐ Exterior

Modelo

ACABADO

☐ Anodizado

☐ Lacado RAL

PLACAS

☐ Placa Riera

☐ Placa Cliente

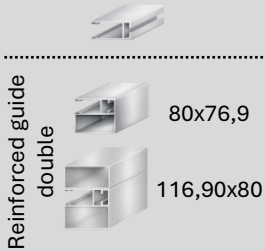
☐ Ninguna

| • SIDE GUIDE • |
STEEL



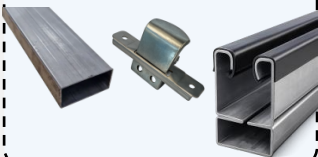
| • SIDE GUIDES • |
ALUMINIUM

Single | 70x33,4

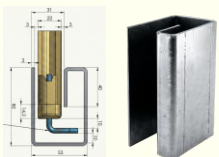


| • ACCESSORIES • |

Storm guides



Storm guides



The guides of a roller shutter door are side profiles —typically made of aluminium or galvanised steel— that ensure smooth, stable and controlled vertical movement of the slats. Their function is to guide, stabilise and retain the curtain, preventing lateral deviation, vibration and uneven loads.

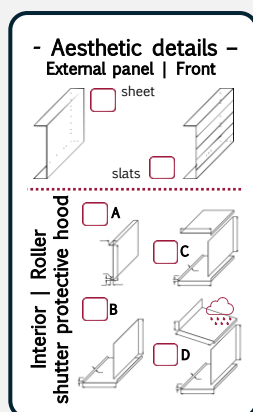
In addition, guides can:

- | Be manufactured in **different materials**: extruded aluminium, galvanised steel, coated steel or stainless steel depending on the application and exposure level.
- | Be customised in section, thickness, tolerances and sealing type according to the **door model** and required level of airtightness.
- | Be painted or powder-coated in any **RAL colour** to match the façade or the door finish.
- | Integrate **safety elements** such as anti-jamming systems, reinforced guide, anti-intrusion seals or profiles prepared for sensors.

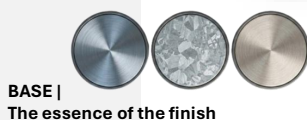
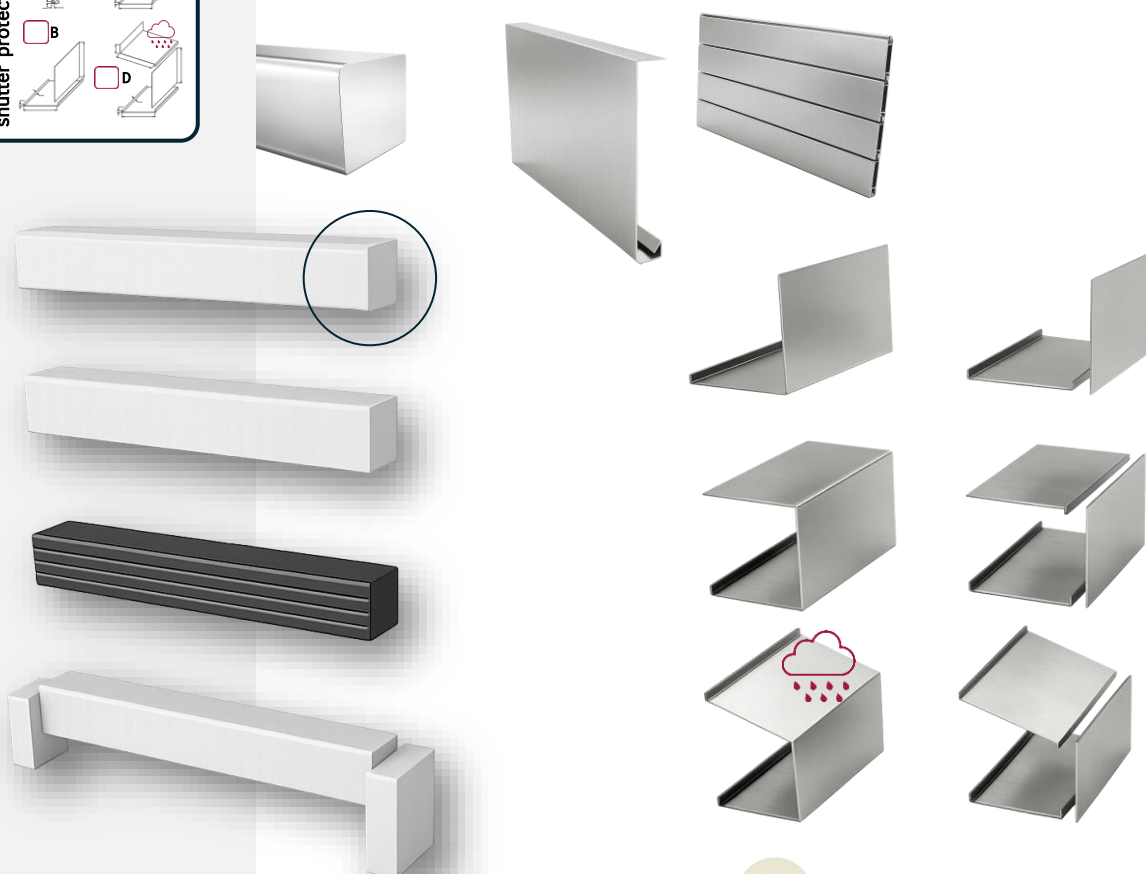


Just as the **roots of the cork oak** anchor themselves to the ground to ensure stability and strength, the guides of a roller shutter door provide a **solid fixation** and perfectly aligned movement. They are the element that keeps the entire system firm, reliable and ready to withstand daily use.

PROTECTIVE HOOD | COMPONENTS



Galvanised steel or aluminium housing designed to **conceal and integrate the rolling system**. Available in **different geometries and finishes** to adapt to any aesthetic requirement: from a **discreet front cover** to a **full enclosure** that houses the entire assembly. It allows **colour customisation, façade integration and additional security options**.



COATED FINISHES |
Defined RAL colours
And custom finishes

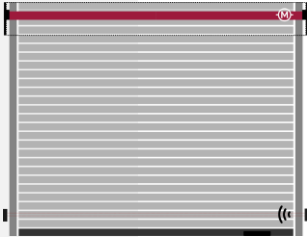


The **protective hood** covering the motor and shaft works like the **leaves of a cork oak**: it protects, regulates and visually integrates the whole system.

DRIVE UNITS | COMPONENTS

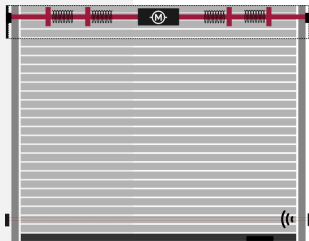
Motor, shaft and brackets form the mechanical core of the roller shutter door: the motor generates the movement, transmits it with precision and the brackets ensure the structural stability of the assembly.

Motors are technically selected according to each application and dimension. The most suitable manufacturers are chosen, such as Trik and Elektromaten, together with control panels such Daspi and JCM, adapting of each requirements product.



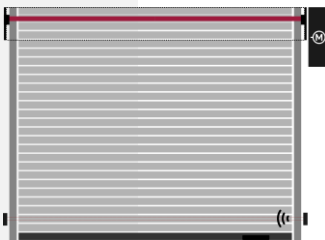
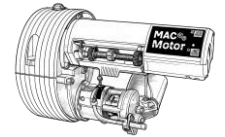
1|

Tubular motor
Compact cylindrical motor
available in different
dimensions.



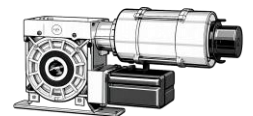
2|

Central shaft motor
with helical springs for
enhanced durability, available
in two options: DC (direct
current) for intensive use and
AC (alternating current).



3|

Side motor
with customizable positioning
depending on the installation
requirements.



SHAFTS.. AVAILABLE IN DIFFERENT
DIMENSIONS, VARYING ACCORDING TO
THE SIZE OF THE DOOR



The **sap** that drives the cork oak is the **motor** that **activates** the roller shutter door: internal energy, controlled movement, safe operation.

SUPPORTS and SHAFTS | COMPONENTS

The **fixing brackets** ensure secure anchoring of the **roller shutter winding shaft**, with variants adapted to geometry and requirements of each installation. For installations **exceeding 4 metres in height**, the **mobile bracket** is recommended, as it compensates for expansion and ensures stable and quiet operation.

FIXED BRACKETS



MOBILE BRACKETS



SHAFTS



MOTOR tipo / cables / detalles

IZQ. < Indicar salida de cables > DCHA.

☐ MOTOR MODEL TUBULAR

☐ MOTOR CENTRO EJE

☐ CORRIENTE CONTINUA **TRICK**

☐ MOTOR LATERAL ☐ MONOFASICO
☐ TRIFASICO

ACCESORIOS DE MANIOBRA Y SEGURIDAD

☐ PASAR CABLES AUTOMÁTICA ☐ CORTINA ☐ PULSADOR

☐ FOTOCÉLULA ☐ Int. ☐ Ext. ☐ BANDA SEGURIDAD

RECEPTOR

CUADRO MODELO

EMISOR MODELO CANT..... TIPO

SAFETY SYSTEMS | COMPONENTS



Safety elements include safety edges, controls and photocells, ensuring precise obstacle detection, controlled operation at all time and active protective that guarantees compliance with regulations and safe door operation.

DETAIL MAILBOXES

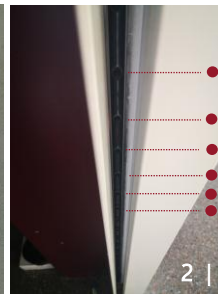


DETAIL SECURITY LOCK



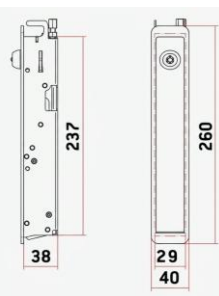
DETAIL PHOTOCELL

- 1 | Photocell
- 2 | Light curtain photocell
- 3 | Push button



DETAIL EMERGENCY RELEASE BOXES

- 1 | Integrated into the guide
- 2 | Wall-mounted (flush-mounted)



Corks acts as a **protective layer**, absorbing impacts, providing insulation and preventing damage to the trunk. Safety elements (automatic locking systems, locks, detectors and anti-lifting devices) perform the same function: **protecting the structure**, preventing intrusion and absorbing unwanted stresses.

**ACCESORIOS DE MANIOBRA Y SEGURIDAD**

☐ PASAR CABLES AUTOMÁTICA

☐ CORTINA

☐ PULSADOR

☐ FOTOCÉLULA ☐ Int. ☐ Ext.

☐ BANDA SEGURIDAD

RECEPTOR

CUADRO MODELO

EMISOR MODELO CANT..... TIPO

ROLLING SYSTEM | COMPONENTS

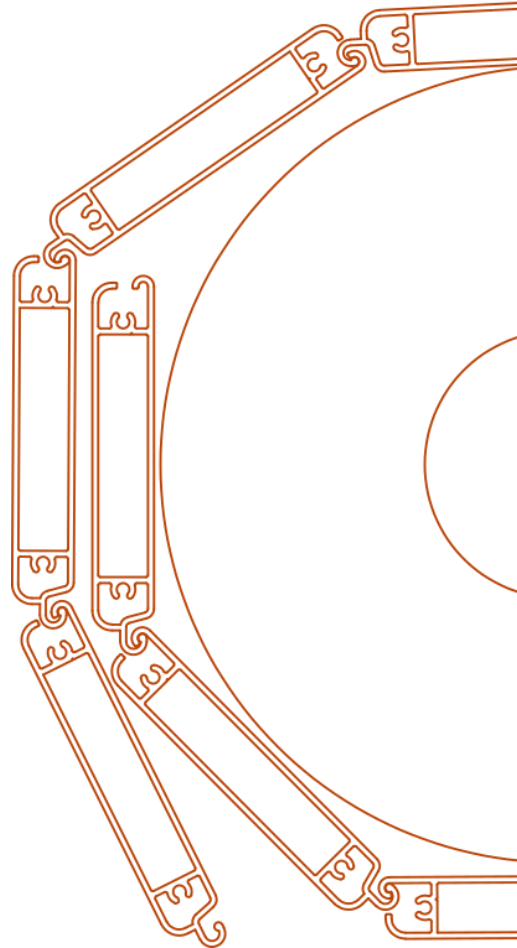
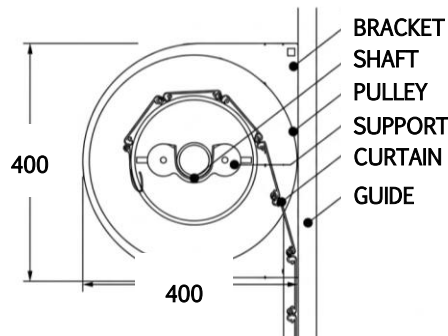
The rolling system of an aluminium slat, galvanised steel slat or rod for garage doors is the opening and closing mechanism through which the articulated slat assembly (horizontal panels) is wound or unwound vertically around an upper shaft, being stored inside a drum or protective hood.

It is a compact system designed to optimize space both inside the garage and at the front area.

The system may vary depending on slat height, geometry, shaft type, pulley size, motor type, etc.

An indicative chart is attached to help to determinate the required lintel size.


**DETAIL
SECTIONAL
VIEW OF THE
MECHANISM
OF A ROLLER
SHUTTER DOOR**



The **cross-section of a cork oak trunk** and the rolling of a curtain share the same structural logic: the formation of a cylinder through **layered accumulation with a protective function**. In the tree, the natural layers (cork, cambium, xylem) grow radially; in the shutter, the slats roll up, forming a compact mechanical cylinder.



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