

PORTALUM  

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PUERTAS DE ALUMINIO

「  
ROLLER  
DOORS  
」

# Doors

roller doors

At Portalum we manufacture high quality roll-up doors in a wide range of models and finishes. We provide our customers with the service, innovation and security they are looking for.






All our products are tested with the necessary and mandatory CE Marking regulations, in the manufacture, automation and adaptation of industrial doors.

Our automatic roll-up doors come with an extensive guarantee on all their products, as well as on top quality motors and automated items.









[www.portalum.es](http://www.portalum.es)






- OPTIMIS ROLLER DOOR**
-  SOLID
  -  DIE-CUT
  -  DOUBLE DIE-CUT
  -  MICRO-PERFORATED
  -  OVAL MICRO-PERFORATED



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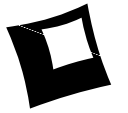




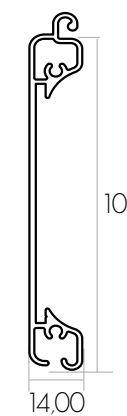
# XT-90

EXTRUDED ALUMINIUM

Single-skin straight slat in extruded aluminium.  
 A highly versatile door model, ideal for replacing doors made of sheet metal or similar without the need for building work. Indicated for ground floor commercial premises.



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## TECHNICAL CHARACTERISTICS

Extruded aluminium

Area Coverage total closed	100 mm
Approximate weight m <sup>2</sup>	9 kg
Maximum width recommended	4500 mm
High recommended maximum	4000 mm
Options roller doors	Solid and Mixed, Perforated with and without methacrylate Microperforated
Perforated measurement	200 x 59 mm / 430 x 59 mm

options roller doors

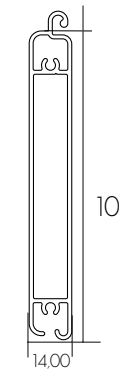




# XT-91

EXTRUDED ALUMINIUM

Double-skin straight slat in extruded aluminium. A highly versatile door model, ideal for replacing doors made of sheet metal or similar without the need for building work. Indicated for ground floor commercial premises.



### TECHNICAL CHARACTERISTICS

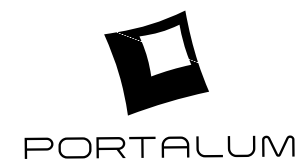
Extruded aluminium

Area Coverage total closed	100 mm
Approximate weight m2	9 kg
Maximum width recommended	4500 mm
High recommended maximum	4000 mm
Compatibility for combining	XT-90

options roller doors



Compatibility for combining with the XT-90 model.  
options roller doors





# XT-79

EXTRUDED ALUMINIUM

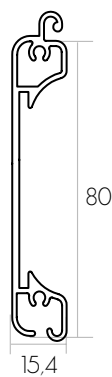
Single-skin straight slat in extruded aluminium. A sturdy, pleasantly-looking and easy-rolling door that makes it the best option for single-family residences, garages and commercial premises.



## TECHNICAL CHARACTERISTICS

Extruded aluminium

Area Coverage total closed	80 mm
Approximate weight m2	11,5 kg
Maximum width recommended	5500 mm
High recommended maximum	4500 mm
Options roller doors	Solid and Mixed, Perforated with and without methacrylte
Perforated measurement	Microperforated 100 x 38 mm



options roller doors





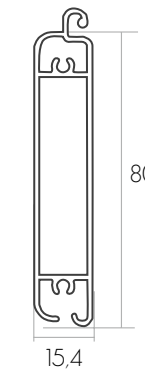


TECHNICAL CHARACTERISTICS

Extruded aluminium

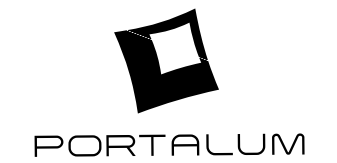
Area Coverage total closed	80 mm
Approximate weight m <sup>2</sup>	12,5 kg
Maximum width recommended	5000 mm
High recommended maximum	4500 mm
Compatibility for combining	XT-79

options roller doors



Compatibility for combining with the XT-79 model.

options roller doors



**XT-80**  
EXTRUDED ALUMINIUM

Double-skin straight slat in extruded aluminium, which can be installed facing inwards or outwards without losing aesthetics or performance.

Its straight style and its firmness make this door suitable for large widths such as garages for single-family residences, business doors, etc. It is a sturdy door, perfect for maintaining a high degree of security.







# [XT-10]

EXTRUDED ALUMINIUM

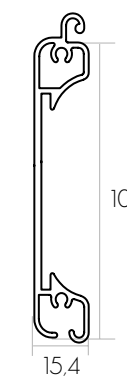
Single-skin straight slat in extruded aluminium. This door model is very versatile, since with the same profile we have three doors of different directions and uses. Indicated for those seeking elegant aesthetics.

**SOLID:** A classic door, conveying a sensation of invulnerability and security.

**DIE-CUT:** For businesses looking to display the shop window, without affecting the security of their product.

**MICRO-PERFORATED:** Offers great visibility of the interior of the premises when it is lit at night, while making it impossible for anyone from the outside to throw anything into the premises.

XT-10



## TECHNICAL CHARACTERISTICS

Extruded aluminium

Area Coverage total closed	100 mm
Approximate weight m2	10 kg
Maximum width recommended	5500 mm
High recommended maximum	4500 mm
Options roller doors	Solid and Mixed, Perforated with and without methacrylate
	Microperforated
Perforated measurement	200 x 59 mm / 430 x 59 mm

options roller doors





# [LM-78]

LAMINATED ALUMINIUM

Curved slats in laminated aluminium filled inside with polyurethane foam.

The polyurethane foam gives the door a thermal, acoustic and resistance insulation, which together with its curved design make this door suitable for single-family residences, community garages, etc. It is a door that is light and very silent, perfect for continuous daily raising and lowering operations.



### TECHNICAL CHARACTERISTICS

#### Laminated aluminium

Area Coverage total closed	77 mm
Approximate weight m2	5,5 kg
Maximum width recommended	5000 mm
High recommended maximum	3500 mm
Compatibility for combining	XT-79

options roller doors



Compatibility for combining with the XT-79 model.

options roller doors



[LM-78]  
LAMINATED ALUMINIUM





self-locking\_



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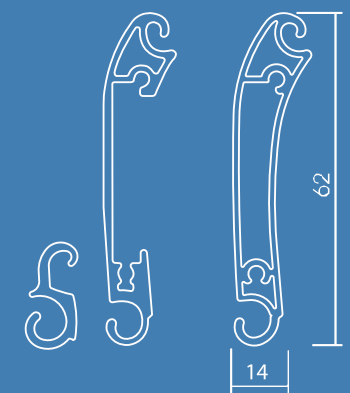


# XT-150

extruded aluminium high security

Double-skin, high security curved slats in extruded aluminium. The door consists of two different types of profiles: main and intermediate slats. Due to the innovative design of its profiles, when the door is lowered, the intermediate profile rotates in the guide and provides a locking point on both sides of the guide. Its slats are locked by configuring its profiles on the descent at all times, without the need for any external element or mechanism.

An ideal door for business premises, and single-family residences with large windows, where security is prioritised and valued first and foremost.



## TECHNICAL CHARACTERISTICS

Extruded aluminium high security

Area Coverage total closed	62 mm
Approximate weight m <sup>2</sup>	11,5 kg
Maximum width recommended	4500 mm
High recommended maximum	5000 mm
Options roller doors	Solid and Mixed, Perforated with and without methacrylte
Perforated measurement	160 x 27 mm y 69 x 27 mm







# [ XT-300 ]

extruded aluminium high security

Double-skin, high security curved slats in extruded aluminium.

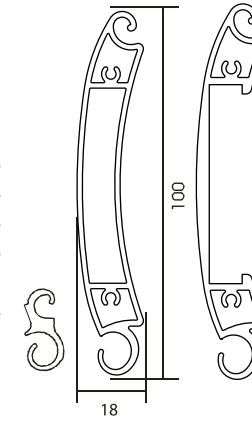
It uses a self-locking system, with a 3 metre high door once closed providing 60 locking points simultaneously. Its slats are locked by configuring its profiles on the descent at all times, without the need for any external element or mechanism.

This door is perfect for all businesses and residences where unexpected visits are not desired and where security is the main priority.

## TECHNICAL CHARACTERISTICS

Extruded aluminium high security

Area Coverage total closed	100 mm
Approximate weight m2	15,5 kg
Maximum width recommended	6000 mm
High recommended maximum	7000 mm
Options roller doors	Solid and Mixed, Perforated with and without methacrylate
Perforated measurement	210 x 45 mm y 82 x 45 mm





# XT-350

extruded aluminium high security



Single-skin straight high security slats in extruded aluminium, with micro perforations that allow a great visibility into the premises when the interior is lit.

It employs the self-locking system, which provides a very high level of security.

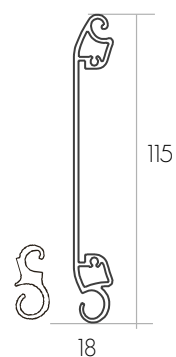
This door is perfect for businesses wishing to avoid objects being thrown inside and to aid the surveillance task.



## TECHNICAL CHARACTERISTICS

Extruded aluminium high security

Area Coverage total closed	115 mm
Approximate weight m <sup>2</sup>	11 kg
Maximum width recommended	6000 mm
High recommended maximum	5000 mm
Options roller doors	Solid and Micorperforated





# protect\_



Protects against  
robberies



Protects  
meteorological  
conditions



Solar protection



Protection  
Cold and heat.



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## [PROTECT SERIES]

The **PROTECT** series is a comprehensive high security door system that offers an elegant solution for businesses, residential homes and industrial ships

### RESISTANCE

The most resistant of the market at the moment, protects of robberies, moon landings and extreme meteorological conditions.

### OPTIONS ROLLER DOOR

Rolling door models for the XT-20, XT-28, XT-250 and XT-230 can be equipped with profiles, perforated with or without methacrylate, microperforated or solid.

### WARRANTY AND QUALITY.

All the elements of the protect range are highly durable, thus reducing the need for maintenance.

### SAMPLES

Any finish of the RAL chart can be used.



## [PROTECT SERIES]

### GREAT QUALITIES.

- . Extruded aluminum profile.
- . High security
- . Resistance to corrosion.
- . Resistance against hurricanes
- . Resistance to impacts.



## [XT-20]

extruded aluminium high security

Single-skin straight slat in extruded aluminium. This door model is very versatile, since with the same profile we have three doors of different directions and uses. Indicated for those seeking elegant aesthetics.

**SOLID:** A classic door, conveying a sensation of invulnerability and security.

**DIE-CUT:** For businesses looking to display the shop window, without affecting the security of their product.

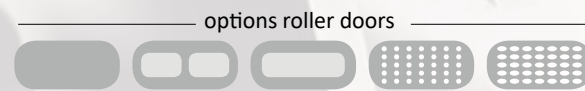
**MICRO-PERFORATED:** Offers great visibility of the interior of the premises when it is lit at night, while making it impossible for anyone from the outside to throw anything into the premises.



#### TECHNICAL CHARACTERISTICS

Extruded aluminium

Area Coverage total closed	100 mm
Approximate weight m2	10 kg
Maximum width recommended	7000 mm
High recommended maximum	7000 mm
Options roller doors	Solid and Mixed, Perforated with and without methacrylate Microperforated
Perforated measurement	200 x 59 mm / 430 x 59 mm



#### TECHNICAL CHARACTERISTICS

Extruded aluminium

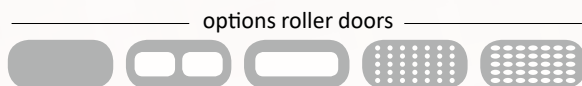
Area Coverage total closed	80 mm
Approximate weight m2	12.5 kg
Maximum width recommended	7000 mm
High recommended maximum	7000 mm
Compatibility for combining	XT-79



options roller doors



Compatibility for combining with the XT-79 model.



## [XT-28]

extruded aluminium high security

The XT28 series of the protect range is an integrated high security door system that offers an elegant solution for shops, residential homes and industrial buildings.

### STRENGTH

The most highly-resistant on the market at the moment, protects against robberies, smash and grabs and extreme meteorological conditions.

### WARRANTY AND QUALITY.

All elements of the XT-28 are highly durable, thus reducing the need for maintenance.

## [XT-250]

extruded aluminium high security

The XT250 series in the protect range is an integrated high security door system that offers an elegant solution for businesses, residential homes and industrial buildings.

### STRENGTH

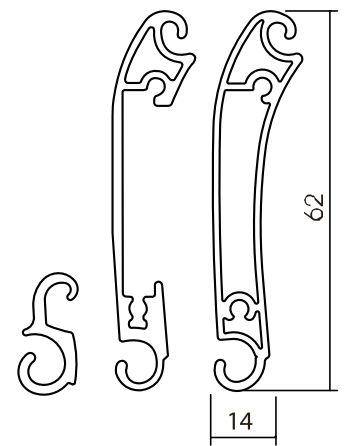
The most highly-resistant on the market at the moment, protects against robberies, smash and grabs and extreme meteorological conditions.

### TYPES OF SLAT

The slat models for the XT250 can be fitted with profiles, perforated with or without methacrylate, microperforated or solid.

### WARRANTY AND QUALITY.

All the elements that make up the XT-250 are highly durable, reducing the need for maintenance.



#### TECHNICAL CHARACTERISTICS

Extruded aluminium high security

Area Coverage total closed	62 mm
Approximate weight m2	11.5 kg
Maximum width recommended	4500 mm
High recommended maximum	5000 mm
Options roller doors	Solid and Mixed, Perforated with and without methacrylate
Perforated measurement	160 x 27 mm y 69 x 27 mm

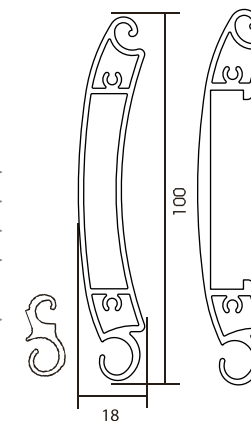


#### TECHNICAL CHARACTERISTICS

Extruded aluminium high security

Area Coverage total closed	100 mm
Approximate weight m2	15.5 kg
Maximum width recommended	7000 mm
High recommended maximum	7000 mm
Options roller doors	Solid and Mixed, Perforated with and without methacrylate
Perforated measurement	210 x 45 mm y 82 x 45 mm

options roller doors



## [XT-230]

extruded aluminium high security

Double-skin, high security curved slats in extruded aluminium.

It uses a self-locking system, with a 3 metre high door once closed providing 60 locking points simultaneously. Its slats are locked by configuring its profiles on the descent at all times, without the need for any external element or mechanism.

This door is perfect for all businesses and residences where unexpected visits are not desired and where security is the main priority.





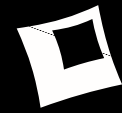
**details**  
that make  
**a difference**



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door lockers

BOX\_

extruded aluminium

**[EXTRUBOX]**



HEIGHT (mm)	BACKGROUND(mm)	WIDTH MAX.	PROFILES	SIDES	TESTER	GUMS
300	300	7,00 m	Extruded Aluminium	4	4mm(Black) Iron	Ok
350	350					
400	400					
450	450					
400	450					
450	500					

Compatible Guides: New GS-100 - GS-130 - HOSTS GUIDES - DOUBLE HOSTS GUIDES

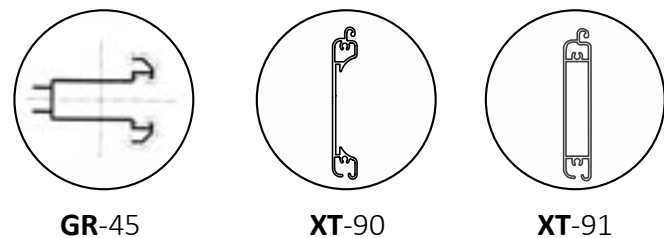
Placement of **door roll-up** no need of works.



**[LAMINATED 45]**



HEIGHT (mm)	BACKGROUND(mm)	WIDTH MAX.	PROFILES	SIDES	TESTER	GUMS
250	250	6,00 m	Laminated Aluminium	4	Zamak - Ion	No
300	300					
350	350					
400	400					



GR-45

XT-90

XT-91



EXTRUDED ALUMINIUM  
SELF-LOCKING

EXTRUDED ALUMINIUM  
HIGH SECURITY PROTECT

EJE	XT-150					XT-300					XT-350					
	80	100	133	133	133	170	220	240	170	220	240	80	100	133	133	
80	16,5	17,5	19,0	20,5	21,5											
100	17,5	18,5	19,5	21,5	22,0	27,0	30,0	32,0	27,0	30,0	32,0	18,0	19,0	21,0	21,5	20,5
120	18,0	19,0	20,0	23,5	22,5	28,0	30,0	32,0	28,0	30,0	32,0	19,0	20,0	21,5	23,5	23,5
140	19,0	20,0	20,5	24,0	24,0	28,0	32,0	33,0	28,0	32,0	33,0	21,0	21,0	22,5	24,0	24,0
160	20,0	20,5	21,5	25,0	25,5	29,5	32,0	33,5	29,5	32,0	33,5	21,0	23,0	24,0	25,0	25,5
180	20,5	21,5	22,0	25,5	26,0	30,0	34,0	35,0	30,0	34,0	35,0	22,5	23,0	24,5	25,5	26,0
200	21,5	22,0	22,5	26,0	26,5	31,5	34,0	36,5	31,5	34,0	36,5	24,0	25,0	25,5	26,0	26,5
220	22,5	23,0	23,0	27,0	27,0	32,5	34,0	36,5	32,5	34,0	36,5	24,0	26,0	27,0	27,0	27,0
240	23,5	24,0	23,5	28,0	28,5	34,0	37,0	38,0	34,0	37,0	38,0	25,0	26,0	27,5	28,0	28,5
260	24,0	24,5	24,5	28,5	29,0	35,0	37,0	38,5	35,0	37,0	38,5	26,5	27,5	29,0	28,5	29,0
280	24,5	25,0	25,0	30,0	29,5	35,0	38,5	39,0	35,0	38,5	39,0	27,5	27,5	29,5	30,0	29,5
300	25,5	25,5	26,0	30,5	30,0	37,0	39,0	40,5	37,0	39,0	40,5	28,0	29,0	31,0	30,5	30,0
320	26,5	26,0	27,0	31,0	30,5	37,0	39,0	40,5	37,0	39,0	40,5	29,0	29,0	31,0	31,0	31,0
340	27,0	27,0	28,0	31,5	31,5	38,0	41,0	41,0	38,0	41,0	41,0	30,0	31,0	32,0	31,5	31,5
360	28,0	28,0	28,5	32,5	32,5	39,0	41,0	42,5	39,0	41,0	42,5	31,0	31,0	32,0	32,5	32,5
380	28,5	29,0	29,0	33,0	33,0	39,5	41,0	42,5	39,5	41,0	42,5	31,5	32,0	32,5	33,0	33,0
400	29,0	29,5	30,0	34,0	33,5	40,0	43,0	43,0	40,0	43,0	43,0	32,0	32,0	34,5	34,0	34,0
420	30,0	30,5	31,0	34,5	34,0	42,0	44,0	44,5	42,0	44,0	44,5	33,0	33,5	34,5	34,5	34,5
440	31,0	31,5	32,0	35,5	35,0	42,0	44,0	45,0	42,0	44,0	45,0	33,5	33,5	35,0	35,5	35,5
460	32,0	32,0	32,5	36,0	35,5	42,0	45,0	45,0	42,0	45,0	45,0	34,0	35,0	35,5	36,0	36,0
480	32,5	33,0	34,0	36,5	36,0	44,0	46,0	46,0	44,0	46,0	46,0	35,0	35,5	36,5	36,5	36,5
500	33,5	34,0	34,5	37,5	36,5	44,0	46,0	47,5	44,0	46,0	47,5	35,0	35,5	36,5	37,5	37,5

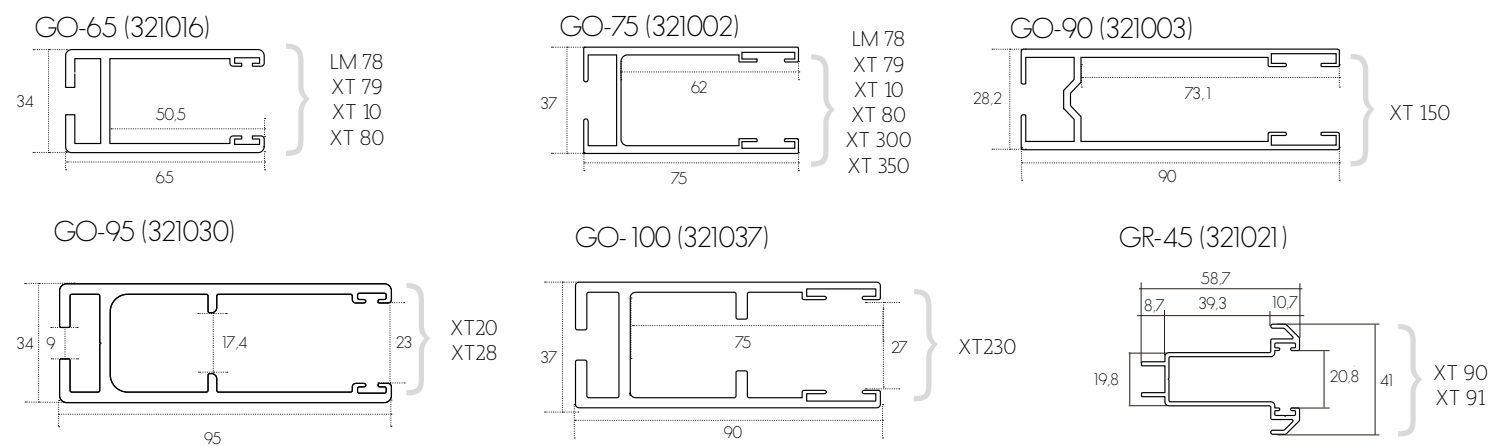
INCREASE / DECREASE IN THE WEAVE WIDTH OF THE DOOR  
ACCORDING TO GUIDE MODEL AND INSTALLATION FORM

	GO-75	GO-90
Total to embed	75 mm	90 mm
Increase over measure light installation guide recessed	105 mm	125 mm
Decrease on measurement light installation guide surface	45 mm	55 mm

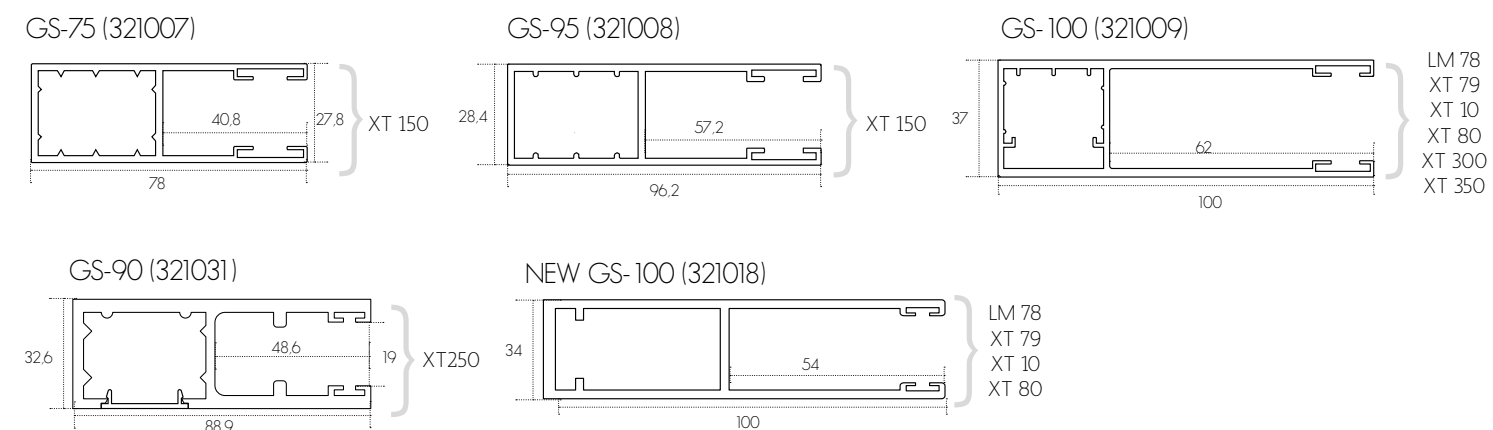
INCREASE / DECREASE IN THE WEAVE WIDTH OF THE DOOR  
ACCORDING TO GUIDE MODEL AND INSTALLATION FORM

	GS-75	GS-95	GS-100	NEW GS-100
Total to embed	78 mm	96 mm	96 mm	100 mm
Increase over measure light installation guide recessed	60 mm	95 mm	95 mm	95 mm
Decrease on measurement light installation guide surface	95 mm	95 mm	95 mm	105 mm

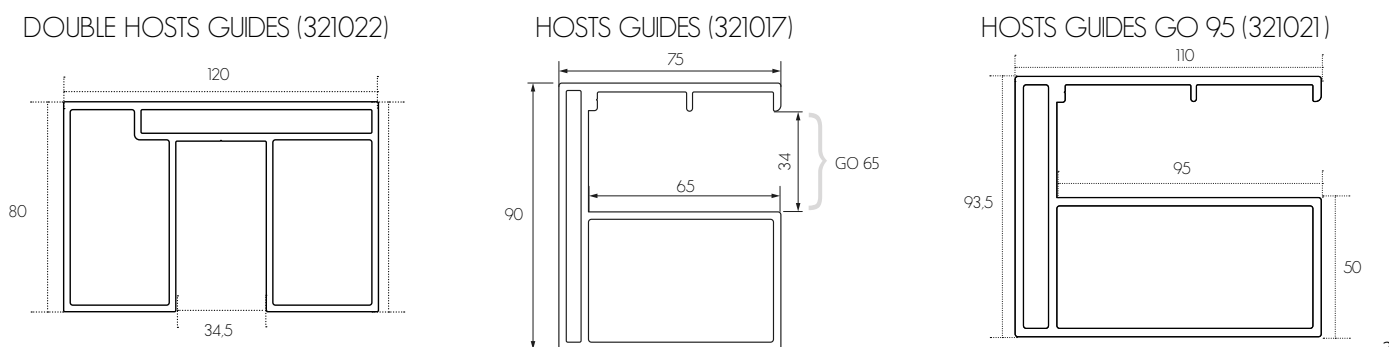
## WORK GUIDES



## SURFACE GUIDES



## HOSTS GUIDES



EXTRUDED ALUMINIUM

LAMINATED ALUMINIUM

EJE	XT-91				XT-90			XT-79				XT-80				XT-10			LM-78				
	100	133	220	240	133	220	240	100	133	220	240	100	133	220	240	133	220	240	100	133	220		
80					19,5	27,5		19,0	20,5	27,0					19,5	27,5		20,0	22,5	28,0			
100	23,0	24,5	29,0	31,5	21,5	28,0	30,5	20,0	21,0	27,5	30,0	20,5	21,5	28,0	30,5	21,5	28,0	30,5	20,5	23,0	28,5		
120	25,5	25,0	30,5	33,0	24,0	29,5	30,5	21,0	22,5	30,5	32,5	21,5	22,5	28,5	30,5	24,0	29,5	30,5	23,0	24,5	29,5		
140	25,5	27,5	31,5	33,0	24,5	30,0	31,5	22,0	23,5	31,0	32,5	22,5	23,5	30,0	31,5	24,5	30,0	31,5	23,5	25,0	30,0		
160	28,0	27,5	32,0	34,5	25,5	30,5	31,5	22,5	24,5	31,5	32,5	23,5	25,0	30,5	31,5	25,5	30,5	31,5	24,5	25,5	31,0		
180	28,0	30,5	32,5	34,5	26,0	31,0	32,0	23,5	25,5	32,5	33,0	24,5	25,5	31,5	32,0	26,0	31,0	32,0	26,0	27,0	31,5		
200	29,5	30,5	34,5	35,0	26,5	31,5	33,0	25,0	26,0	33,5	35,0	25,5	26,5	32,0	33,5	26,5	31,5	33,0	26,5	28,0	32,5		
220	30,5	31,0	34,5	37,0	27,0	32,0	33,0	26,0	27,5	34,0	35,0	26,5	27,5	32,5	33,5	27,0	32,0	33,0	28,0	29,0	33,0		
240	31,0	32,0	36,0	37,0	27,5	32,5	34,0	27,0	28,0	34,5	36,0	27,5	28,5	33,5	35,0	27,5	32,5	34,0	28,5	29,5	33,5		
260	32,5	32,5	36,5	38,5	28,5	33,0	34,5	28,0	29,0	35,0	36,5	28,5	29,0	34,0	35,5	28,5	33,0	34,5	29,5	30,5	34,5		
280	33,0	34,0	36,5	38,5	29,5	34,0	34,5	29,0	30,0	35,5	36,5	29,5	30,5	35,5	36,0	29,5	34,0	34,5	30,0	31,0	35,0		
300	34,5	34,0	39,0	38,5	30,5	35,0	36,5	30,0	30,5	36,0	37,5	30,5	31,5	36,0	37,5	30,5	35,0	36,5	31,0	32,0	36,0		
320	34,5	35,0	39,0	40,5	31,0	35,5	37,0	31,0	31,0	36,5	38,0	31,0	32,5	36,0	37,5	31,0	35,5	37,0	31,5	33,0	36,0		
340	35,5	36,5	39,0	40,5	31,5	36,0	37,5	31,5	32,0	37,0	38,0	31,5	33,0	37,5	38,0	31,5	36,0	37,5	32,0	33,5	37,0		
360	37,0	36,5	41,5	40,5	32,0	36,5	38,0	32,5	33,0	37,5	39,0	32,5	33,5	37,5	39,0	32,0	36,5	38,0	33,5	34,0	37,5		
380	37,0	38,5	41,5	42,5	32,5	37,0	38,0	33,0	34,0	38,5	39,0	33,0	34,5	39,0	39,0	32,5	37,0	38,0	34,0	35,0	38,0		
400	39,0	38,5	42,0	42,5	33,0	37,5	38,5	33,5	34,5	39,0	39,5	34,0	35,0	39,0	39,5	33,0	37,5	38,5	34,5	35,5	39,0		
420	39,5	39,0	43,0	42,5	33,5	38,0	38,5	34,0	35,0	39,5	40,0	34,5	35,5	39,5	41,0	33,5	38,0	38,5	35,0	36,0	39,5		
440	39,5	40,5	43,0	44,0	34,0	38,5	39,0	35,0	36,0	40,0	40,5	35,5	36,5	40,5	41,0	34,0	38,5	39,0	36,0	37,0	40,0		
460	41,0	40,5	43,0	45,0	34,5	39,0	39,5	36,0	36,5	40,5	41,0	36,0	37,0	41,0	41,5	34,5	39,0	39,5	36,5	37,5	40,5		
480	41,0	41,0	45,0	45,0	35,0	39,5	41,0	37,0	37,0	41,0	42,5	37,0	37,5	41,0	42,5	35,0	39,5	41,0	37,0	38,0	41,0		
500	42,5	43,0	45,0	46,0	35,5	40,0	41,5	38,0	38,0	42,0	43,5	38,0	39,0	41,5	43,0	35,5	40,0	41,5	37,5	39,0	41,5		



# COLOR SAMPLES

## STANDARD LACQUERED

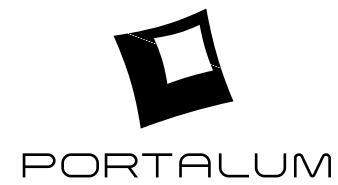


NOTE:

This color chart should only be used for information and guidance on the chosen color. Any other option of RAL letter colors speak with factory.

# COLOR SAMPLES

## WOOD LACQUERED



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