



DATA SHEET

new SOLAR[®]
European Patent EP-3184726B1
a product by Tenda System Italia

secure4



**BURGLAR PROOF
 RESISTANCE
 CLASS 4***



Total weight per square meter 16 kg

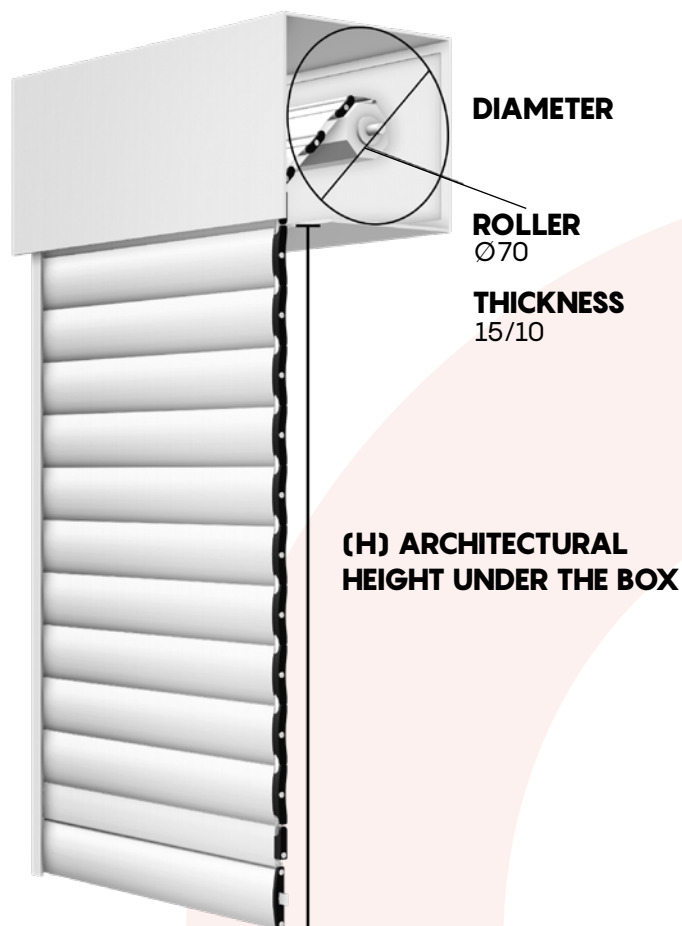
Maximum recommended dimensions 250 cm x 300 cm width x height

PACKAGE CONTENTS:

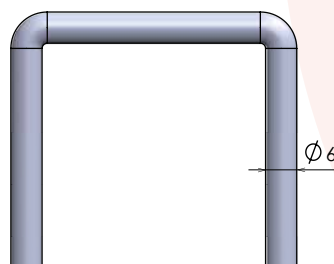
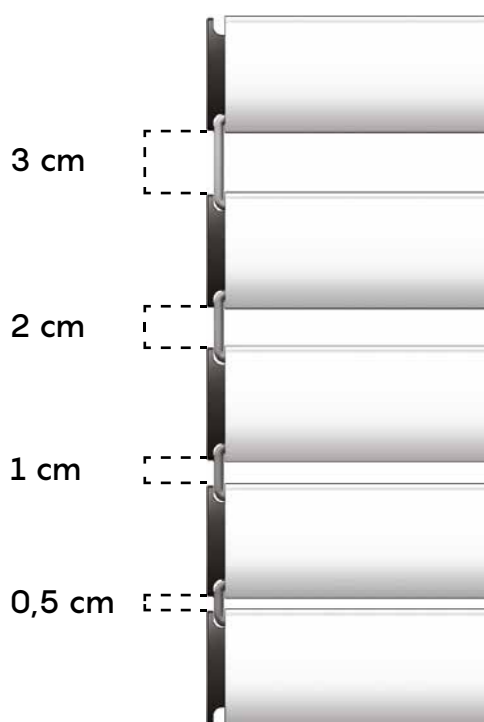
- Complete roller shutter curtain
- Upper closing stops
- Lower closing stops
- Anti-lifting safety blocks complete with $\varnothing 70$ rings to be positioned at the ends of the new Solar[®] roller shutter curtain as described in the installation manual

FOR THE VALIDITY OF THE RC4 CERTIFICATION, PLEASE USE EXCLUSIVELY THE BUILT-IN RAILS AS INDICATED IN THE TECHNICAL DATA SHEET

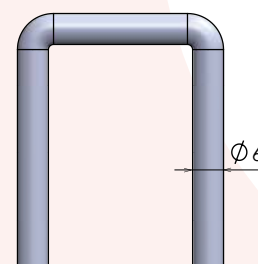
ESSENTIAL REQUIREMENT:
 ROLL $\varnothing 70$, THICKNESS 15/10



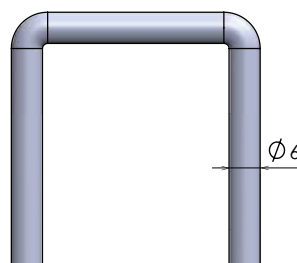
AVAILABLE DISTANCES BETWEEN THE ROLLER SHUTTER CURTAIN SLATS: 4



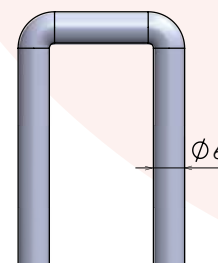
HOOK new Solar[®] 3 cm



HOOK new Solar[®] 1 cm



HOOK new Solar[®] 2 cm



HOOK new Solar[®] 0,5 cm

The distance between one slat and the other can have a variation of up to 3 mm

For a more customized management of light and shade, **new Solar[®] elephant** can also be configured with a combination of spacer hooks of different sizes into the same roller shutter curtain.

* Tests performed on a 160 cm x 270 cm sample.

OVERALL DIMENSIONS TABLE

SPACER HOOKS 3 cm

UP TO 130 CM
WIDTH ROLLER
SHUTTER CURTAIN

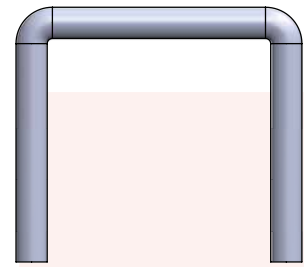
FINISHED HEIGHT	DIAMETER
120	19,7
140	20,3
160	22,6
180	23,2
200	23,5
220	23,9
240	24,8
260	26,2
280	27,2
300	28,0

UP TO 200 CM
WIDTH ROLLER
SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,9
140	20,5
160	22,9
180	24,0
200	24,3
220	24,9
240	25,2
260	26,8
280	27,9
300	28,3

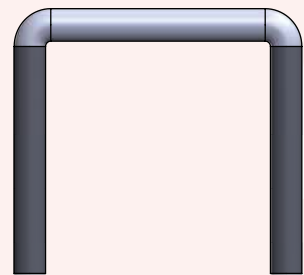
UP TO 250 CM
WIDTH ROLLER
SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,9
140	21,7
160	23,1
180	24,4
200	24,5
220	25,0
240	25,3
260	26,9
280	28,0
300	28,5



regular 3 cm

galvanized steel FE37 cod. **SOL2S4TS3A**
stainless steel cod. **SOL2S4TS3I**



silent 3 cm

galvanized steel FE37cod. **SOL2S4TS3AS**
stainless steel cod. **SOL2S4TS3IS**

OVERALL DIMENSIONS TABLE

SPACER HOOKS 2 cm

UP TO 130 CM
WIDTH ROLLER
SHUTTER CURTAIN

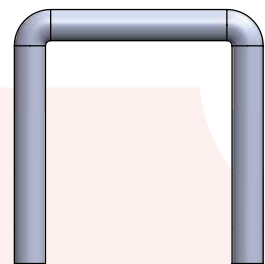
FINISHED HEIGHT	DIAMETER
120	19,2
140	20,0
160	22,2
180	22,8
200	23,2
220	23,8
240	24,6
260	25,8
280	26,0
300	27,3

UP TO 200 CM
WIDTH ROLLER
SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,2
140	20,4
160	22,4
180	22,8
200	23,6
220	24,7
240	24,8
260	26,2
280	27,0
300	27,5

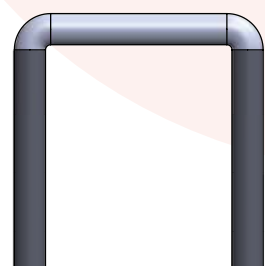
UP TO 250 CM
WIDTH ROLLER
SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,8
140	21,0
160	22,5
180	22,9
200	23,7
220	24,8
240	25,0
260	26,7
280	27,3
300	27,8



regular 2 cm

galvanized steel FE37 cod. **SOL2TSG36A**
stainless steel cod. **SOL2TSG36I**



silent 2 cm

galvanized steel FE37 cod. **SOL2TSG36AS**
stainless steel cod. **SOL2TSG36IS**

OVERALL DIMENSIONS TABLE

UP TO 130 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	18,7
140	20,8
160	21,0
180	21,8
200	22,8
220	24,2
240	24,4
260	25,2
280	26,0
300	27,3

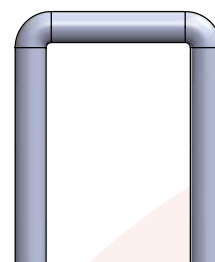
UP TO 200 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,0
140	20,9
160	21,2
180	22,0
200	23,5
220	24,3
240	24,8
260	25,6
280	26,4
300	27,5

SPACER HOOKS 1 cm

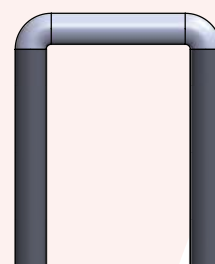
UP TO 250 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,2
140	21,0
160	21,3
180	22,7
200	25,2
220	25,5
240	25,8
260	26,4
280	27,3
300	28,0



regular 1 cm

galvanized steel FE37 cod. **SOL2TSG28A**
 stainless steel cod. **SOL2TSG28I**



silent 1 cm

galvanized steel FE37cod. **SOL2TSG28AS**
 stainless steel cod. **SOL2TSG28IS**

OVERALL DIMENSIONS TABLE

UP TO 130 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	18,8
140	19,0
160	20,4
180	23,4
200	23,5
220	24,0
240	25,1
260	25,5
280	26,1
300	27,3

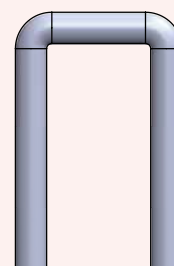
UP TO 200 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,0
140	19,5
160	21,2
180	23,6
200	23,8
220	24,2
240	25,7
260	26,0
280	26,5
300	27,6

SPACER HOOKS 0,5 cm

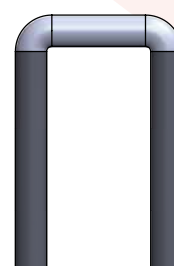
UP TO 250 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,3
140	20,3
160	22,3
180	23,9
200	24,0
220	24,5
240	25,9
260	26,2
280	26,8
300	27,9



regular 0,5 cm

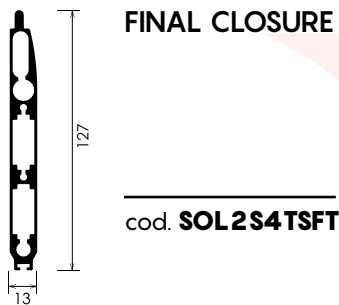
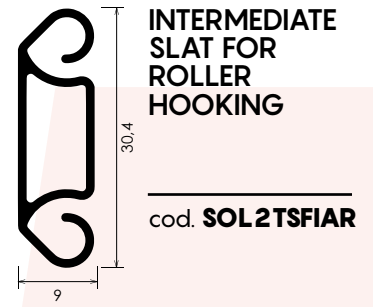
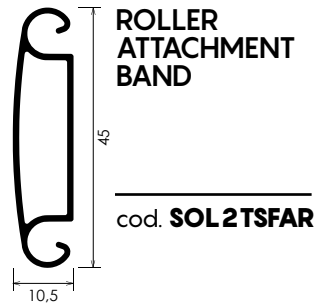
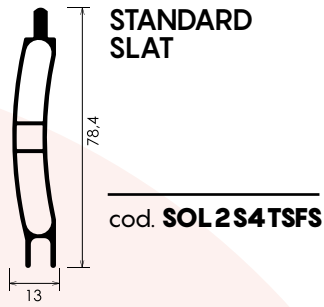
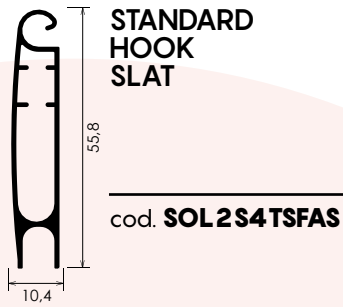
galvanized steel FE37 cod. **SOL2TSG20A**
 stainless steel cod. **SOL2TSG20I**



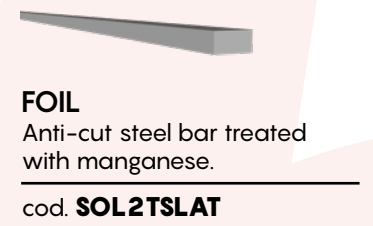
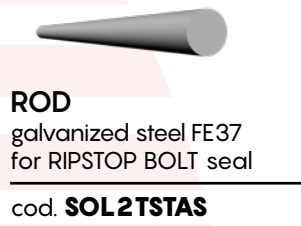
silent 0,5 cm

galvanized steel FE37cod. **SOL2TSG20AS**
 stainless steel cod. **SOL2TSG20IS**

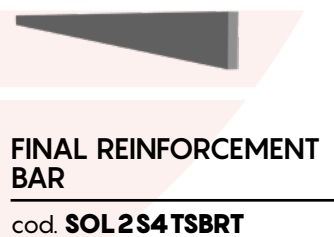
EXTRUDED ALUMINUM PROFILES



INTERNAL PROFILE ACCESSORIES



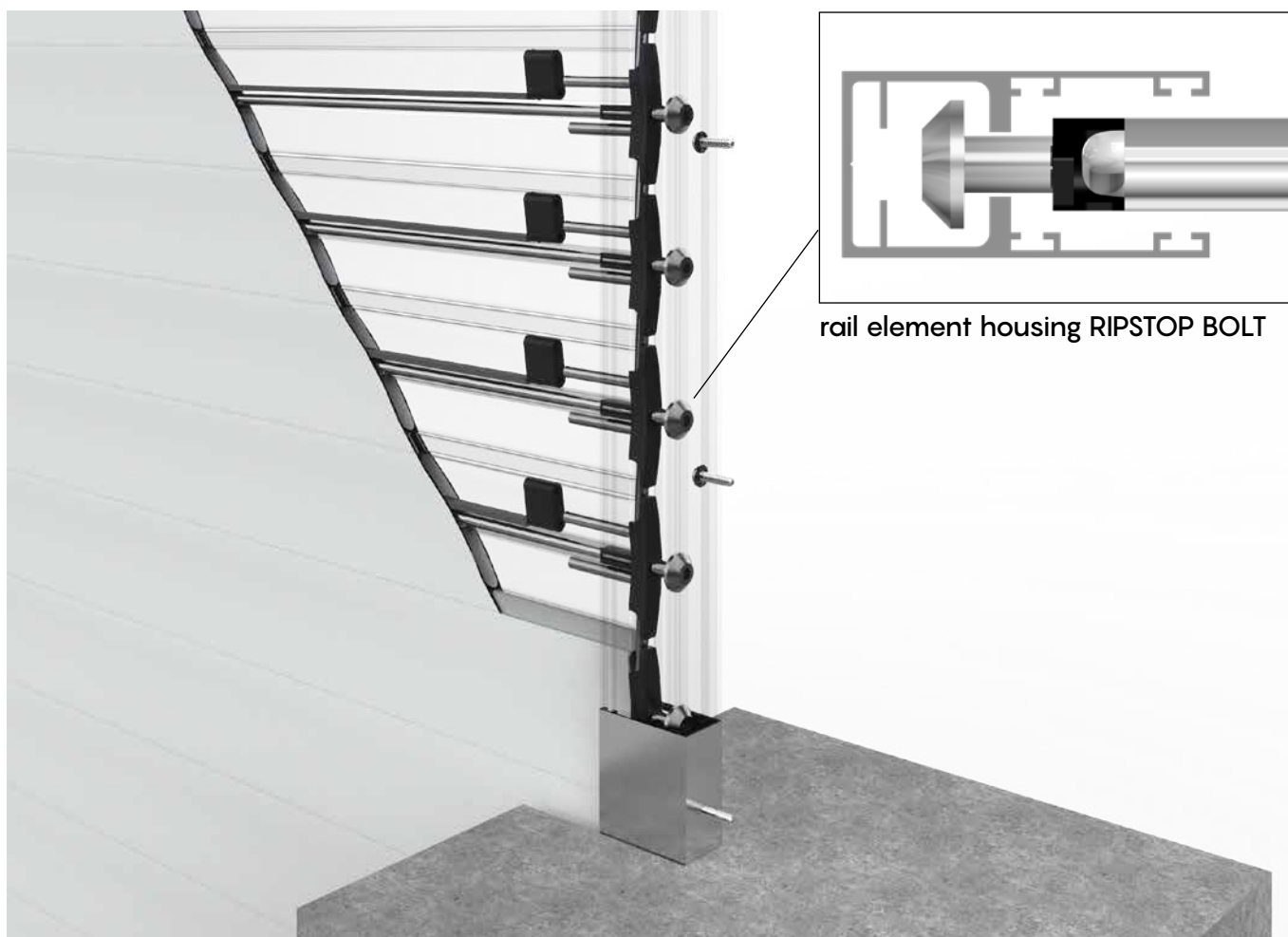
CAPS



CLOSURES



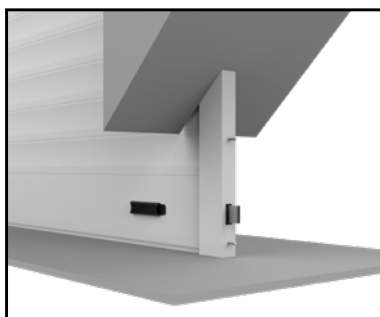
SAFETY



rail element housing RIPSTOP BOLT

Anti-burglary system:

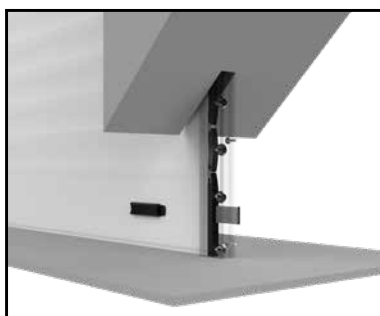
- Internal armor made up of a round steel profile with ripstop bolt at both ends.
- Anti-cut steel bar treated with manganese.
System repeated in all slats.
- Safety rails.

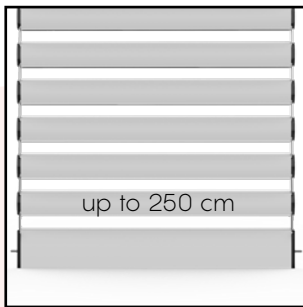


Lower anti-lifting stop



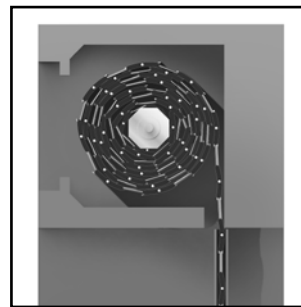
Upper anti-lifting stop





MAXIMUM DIMENSIONS

This new Solar® model is available with a maximum width of 250 cm per single roller shutter curtain.



REDUCED FOOTPRINT

Despite being a rolling shutter with detachable slats-profiles, newsolar® can be allocated in the most popular boxes on the market.



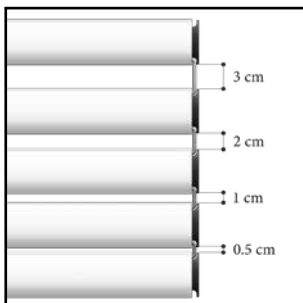
REGULAR SYSTEM

Patented feature that turns the new Solar® into a sunshade.



SILENT SYSTEM

Patented feature that allows the new Solar® to have maximum silence during opening and closing operations.



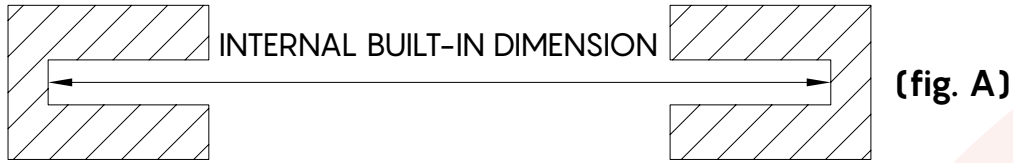
4 DISTANCES

Maximum configuration. The roller shutter curtain of this new Solar® can be ordered with 4 different spacer sizes: 3 cm, 2 cm, 1 cm, 0.5 cm, also in different combinations. Configuration to be communicated upon ordering.

HOW TO TAKE MEASUREMENTS

ROLLER SHUTTER CURTAIN WIDTH: measure the width by referring to the **INSIDE OF THE RECESS**. (fig. A)

EXAMPLE: In case of real dimension 120 cm, you need to communicate 120 cm at the order placement



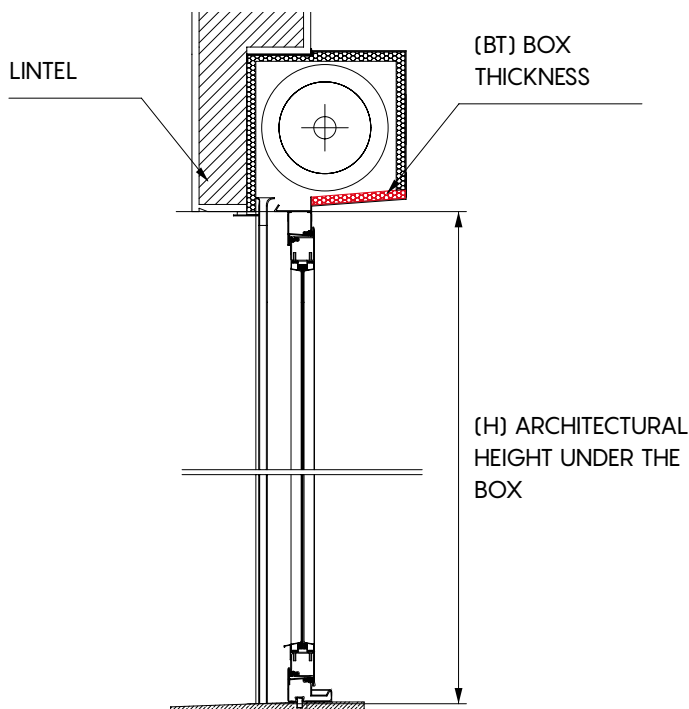
Alternatively, if the rails were already installed, measure the net width **AT THE BEGINNING OF THE RAILS** (fig. B).



At the order placement, be careful to indicate the **INTERNAL RECESS** or **BEGINNING RAIL** dimension.

ROLLER SHUTTER CURTAIN HEIGHT: measure the height referring to the **ARCHITECTURAL LIGHT** and report the measurement after addition of **+10 cm**.

EXAMPLE: in case of exact dimension 210 cm, you need to communicate 220 cm at the order placement
For $BT > 5$ cm add 1 cm to the finished dimension for each additional cm



To calculate the finished height, add 10 cm up to a BT of 5 cm ($H + 10$ cm) to the dimension of the architectural height under the box H.

For box thickness BT over 5 cm, add 1 cm to the final dimension for each additional cm.
E.g.: box thickness BT 6 cm = $H + 11$ cm
E.g.: box thickness BT 8 cm = $H + 13$ cm

Example:
H = 210 cm dimension to be communicated 220 cm

Example:
BT 6 cm dimension to be communicated 221 cm
Example:
BT 7 cm dimension to be communicated 222 cm

WARNING

At the order placement it is necessary to communicate only final dimensions: inner rail **WIDTH -7mm** light **HEIGHT + 10 cm** if $BT > 5$ cm then add 1 cm to the final dimension for each additional cm

OPTIONS FOR CURTAIN CLOSING

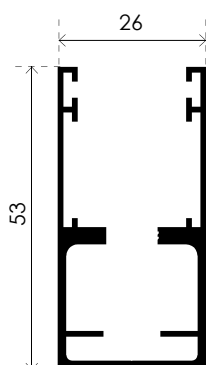


upper stop

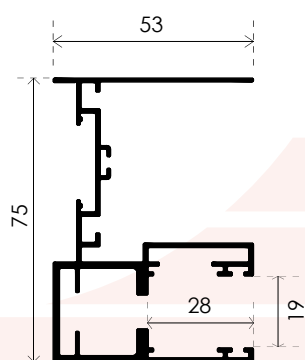


lower stop

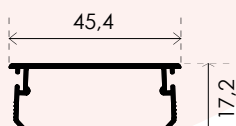
RAILS TO RECESS



GATS 009N EQUIPPED
WITH ENTRY
Required brush:
bristle height 0,7 mm



RAIL 75 EQUIPPED
WITH ENTRY
Required brush:
bristle height 0,7 mm



CARTER

WARNING: for regular operation of the **newSolar®** it is necessary to use only the brush supplied with the configured and ordered rail, which is included in the package already cut at the required dimension.