



DATA SHEET

new SOLAR®
European Patent EP3184726B1
a product by Tenda System Italia

secure 3IR



**BURGLAR PROOF
 RESISTANCE
 CLASS 3***

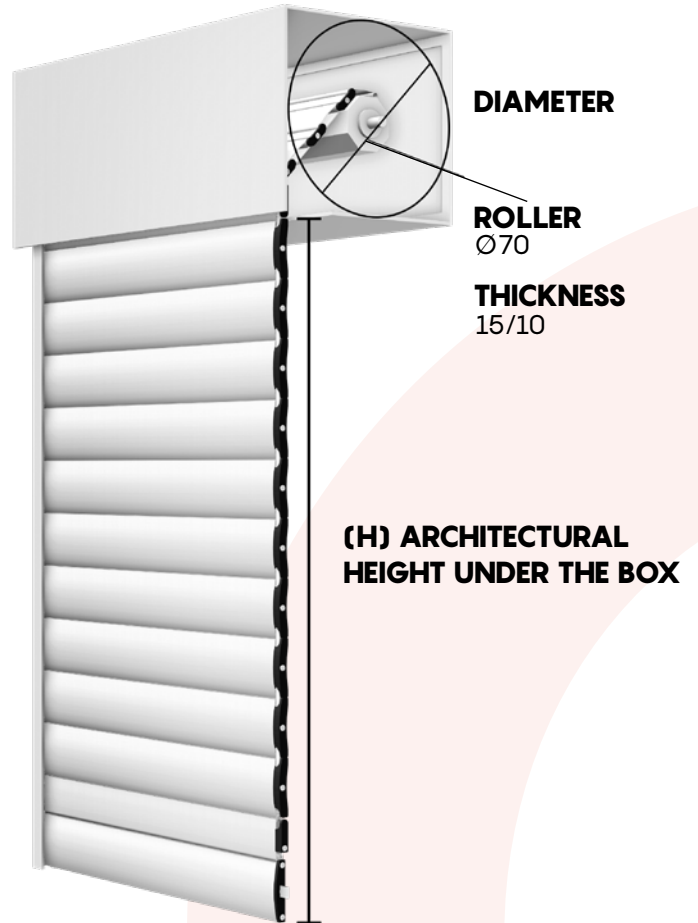


Total weight per square meter	11 kg
Maximum recommended dimensions	250 cm x 300 cm width x height

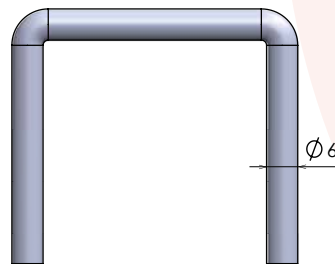
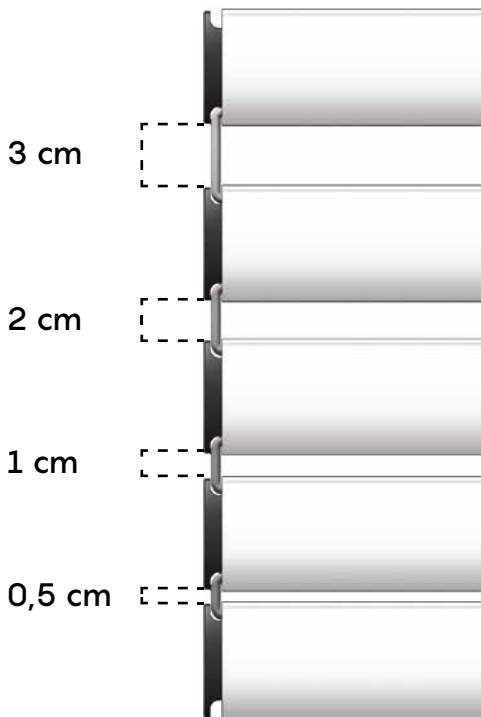
PACKAGE CONTENTS:

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

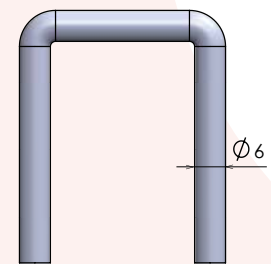
**ESSENTIAL REQUIREMENT:
 ROLL Ø 70, THICKNESS 15/10**



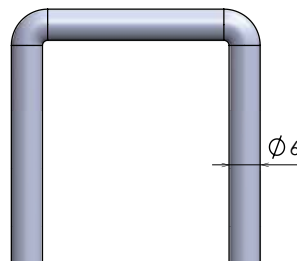
AVAILABLE DISTANCES BETWEEN THE ROLLER SHUTTER CURTAIN SLATS: 4



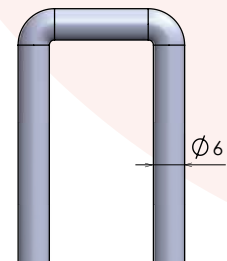
HOOK newSolar[®] 3 cm



HOOK newSolar[®] 1 cm



HOOK newSolar[®] 2 cm



HOOK newSolar[®] 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, **newSolar[®] 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

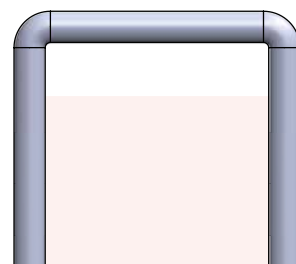
FINISHED HEIGHT	DIAMETER
120	19,7
140	20,3
160	22,6
180	23,2
200	23,5
220	23,9
240	24,8
260	26,2
280	27,2
300	28,0

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

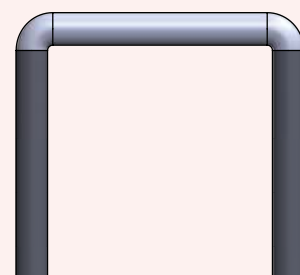
UP TO 250 CM WIDTH ROLLER SHUTTER CURTAIN

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 FE37 cod. **SOL2S4TS3AS**
stainless steel cod. **SOL2S4TS3IS**

OVERALL DIMENSIONS TABLE

SPACER HOOKS 2 cm

UP TO 130 CM WIDTH ROLLER SHUTTER CURTAIN

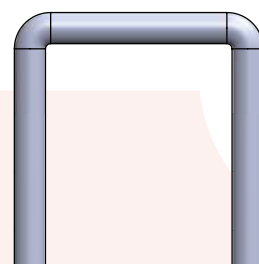
FINISHED HEIGHT	DIAMETER
120	18,8
140	20,0
160	21,5
180	22,2
200	22,5
220	23,6
240	24,4
260	25,8
280	26,0
300	27,0

UP TO 200 CM WIDTH ROLLER SHUTTER CURTAIN

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

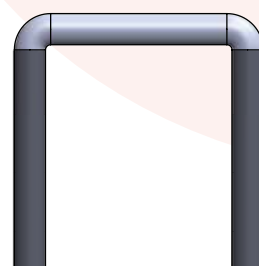
UP TO 250 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,8
140	21,0
160	22,5
180	22,9
200	23,9
220	24,8
240	25,0
260	26,7
280	27,2
300	27,7



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

SPACER HOOKS 1 cm

UP TO 130 CM WIDTH ROLLER SHUTTER CURTAIN

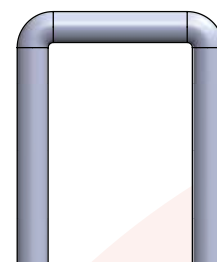
FINISHED HEIGHT	DIAMETER
120	18,7
140	20,8
160	21,0
180	21,8
200	22,8
220	24,2
240	24,4
260	25,2
280	26,0
300	27,3

UP TO 200 CM WIDTH ROLLER SHUTTER CURTAIN

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

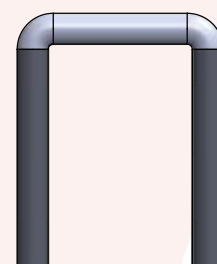
UP TO 250 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,2
140	20,8
160	21,4
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 FE37 cod. **SOL2TSG28AS**
 stainless steel cod. **SOL2TSG28IS**

OVERALL DIMENSIONS TABLE

SPACER HOOKS 0,5 cm

UP TO 130 CM WIDTH ROLLER SHUTTER CURTAIN

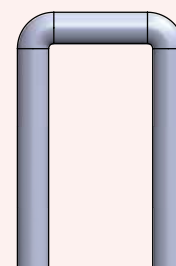
FINISHED HEIGHT	DIAMETER
120	18,8
140	19,0
160	20,4
180	23,4
200	23,5
220	24,0
240	25,1
260	25,5
280	26,1
300	27,3

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

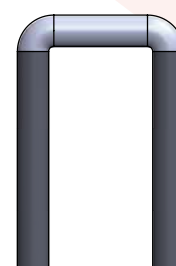
UP TO 250 CM WIDTH ROLLER SHUTTER CURTAIN

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

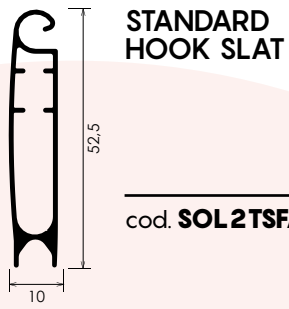
galvanized steel FE37 cod. **SOL2TSG20A**
 stainless steel cod. **SOL2TSG20I**



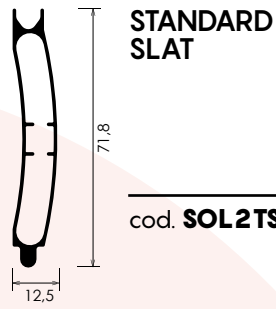
silent 0,5 cm

galvanized steel FE37 cod. **SOL2TSG20AS**
 stainless steel cod. **SOL2TSG20IS**

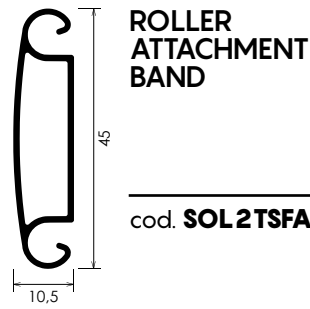
EXTRUDED ALUMINUM PROFILES



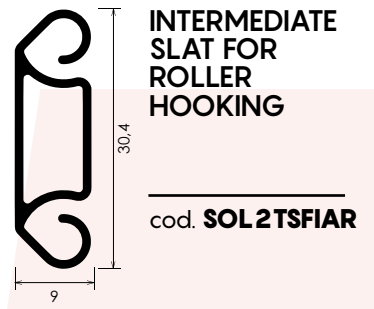
cod. **SOL2TSFAS**



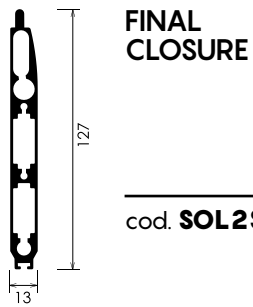
cod. **SOL2TSFS**



cod. **SOL2TSFAR**



cod. **SOL2TSFIAR**



cod. **SOL2S4TSFT**

CAPS



SMALL CAP
cod. **SOL21TP**



STD SLAT CAP
cod. **SOL2S4TSTFS**



HALF SLAT CAP
cod. **SOL2TSTMF**



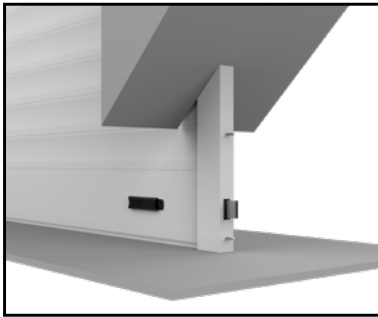
SAFETY FINAL CAP (PAIR)
cod. **SOL2S4TSTT**

CLOSURES



LATCH FOR TOP BAND AND FOR TERMINAL ELEMENT
cod. **SOL2S4TSFC**

SAFETY



Lower anti-lifting stop



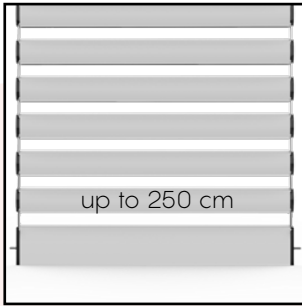
Upper anti-lifting stop



Frontal overall view

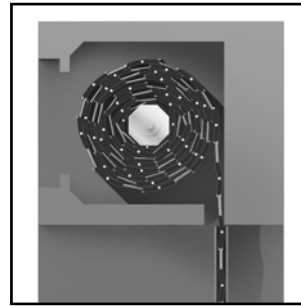


DETAIL UPPER AND LOWER CLOSURE STOP



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.



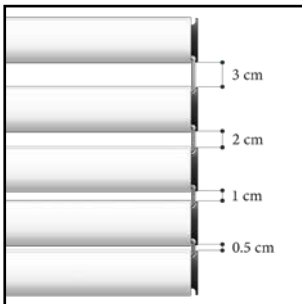
REGULAR SYSTEM

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

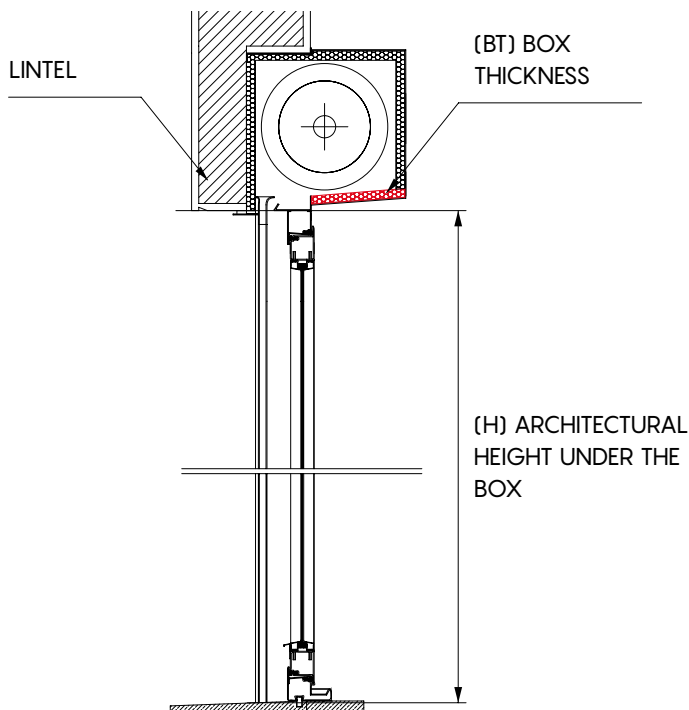
ROLLER SHUTTER CURTAIN WIDTH: measure the width by referring to the inside of the rails and report the measurement after subtraction of -7 mm.

EXAMPLE: in case of real dimension 92,7 cm, you need to communicate 92 cm at the order placement



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

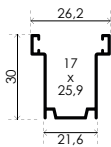


upper stop

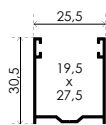


lower stop

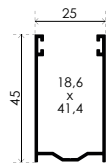
RAILS TO RECESS



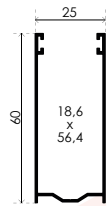
GATS 002N
required brush:
up to width 100 cm bristle height 0,7
over 100 cm bristle height 0,9



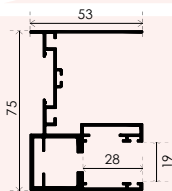
GATS 004N
required brush:
up to width 100 cm bristle height 0,7
over 100 cm bristle height 0,9



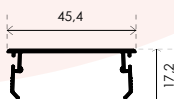
GATS 007N
required brush:
up to width 100 cm bristle height 0,7
over 100 cm bristle height 0,9



GATS 008N
required brush:
up to width 100 cm bristle height 0,7
over 100 cm bristle height 0,9



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.