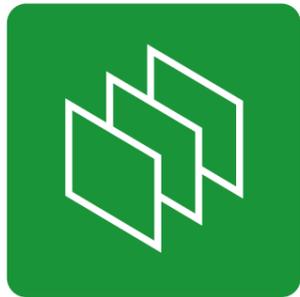


TECNOSERRANDA

**CHIUSURE
METALLICHE PER L'EDILIZIA**



**Industrial
Rolling Shutter**



TECNOSERRANDA

**CHIUSURE
METALLICHE PER L'EDILIZIA**

The great challenge of Tecnoserranda from the first day of its institution was the development and evolution of an innovative philosophy which would have anthropocentric and customer base.

Looking at today's leading position in this specific sector as well as the high esteem gained by its customers, one can easily realize that the challenge has been met.

Investing in a stable workforce, which works daily under excellent working conditions and generally within an environment where high respect dominates as well as the development and rewarding of work, has managed to establish the most appropriate production and distribution conditions of products.

At the same time however, has managed to build an ideal system of values with strong foundations, where responsibility and respect for the consumer dominates, placing the customer in the center of developments meeting the needs and requirements through an interactive relationship of trust and integrity.





“

*All
Tecnoserranda
company
products
are man-
ufactured
with
certified
quality”*



CERTIFICATIONS

All doors and rolling shutters that are developed and manufactured by Tecnoserranda, are perfectly matched to each other, tested and certified by independent recognised institutes to ensure your safety.



TECNOSERRANDA

CHIUSURE
METALLICHE PER L'EDILIZIA



*“Elegance,
Aesthetic
Design &
Quality meet
up to make
the perfect
product to
secure your
property”*

DOUBLE PROFILE

For the construction of the residential rolling shutters, TECNOSERRANDA uses only high quality and durable materials. With a wide range of choices between small and big windows, ventilation and a wide range of colors you are able to create a completely customized product that fits perfectly with your building and its surroundings. TECNOSERRANDA mission is to provide you with all the advantages of safety, thermal insulation and soundproofing by creating a durable and elegant rolling shutter. The double sided profile filled with polyurethane is manufactured from either hot galvanized steel sheet or aluminum. Joining great quality and unmatched design TECNOSERRANDA has created a profile that is both durable and functional.

Certified Dimensions: Steel - W:10000xH:10000 Class 2 / W:7000xH:10000 Class 3
Aluminum - W:6000xH:6000 Class 3/ W:4000xH:4000 Class 2 High Speed
Sound Reduction: R~21dB
Thermal Transmittance: Up [W/(m²K)] 4,46



Windows

Double PLEXI GLASS (130x60mm) windows option, for natural lighting.



Ventilation Grills

Ventilation grills from double PLEXI GLASS (134x64mm) option, for natural ventilation.



Windows

PLEXI GLASS (150x60mm) windows on aluminum extrusion profile (40502) option, for natural lighting.



Windows

PLEXI GLASS (600x64mm) windows on aluminum extrusion profile (40502) option, when additional natural lighting is required.



RAL COLORS

You can choose from a wide range of powder coating colours with excellent resistance to outdoor conditions and excellent colour retention that meets the requirements of all major European architectural standards. Also, two wood imitation colors are available.



TECNOSERRANDA

CHIUSURE METALLICHE PER L'EDILIZIA



*“Suitable for
warehouses,
facilities, as
well as any
place that
must be
restricted
and fully
secured”*



TECNOSERRANDA

CHIUSURE
METALLICHE PER L'EDILIZIA



P 115



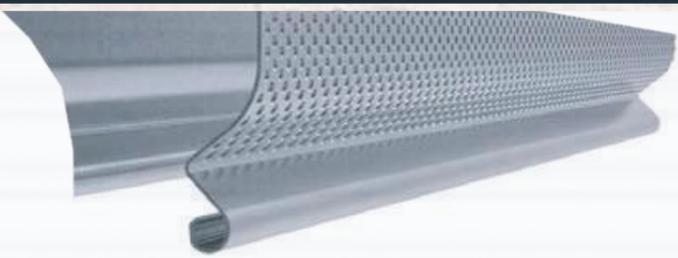
P 97



TECNOSERRANDA

CHIUSURE
METALLICHE PER L'EDILIZIA

SINGLE PROFILES



B₉₅



B₇₁



TECNOSERRANDA

CHIUSURE
METALLICHE PER L'EDILIZIA

SINGLE STEEL SHEET PROFILE

Hot galvanized steel sheet profile, suitable for warehouse, garage or shop security. In your absence rolling shutters can effectively protect your property. If you are a shop owner you will find the perforated version of the profiles quite useful as it combines in-store vision, ventilation and maximum security.

You can choose from a wide range of powder coating colours with excellent resistance to outdoor conditions and excellent colour retention that meets the requirements of all major European architectural standards.



Choose between 25 RAL
tints.



Windows can be placed on
FP97 profile that can be
combined with any other of
the profiles.



Profile Name	P115	P97	B95	B71	DB
Height/Step (mm)	128,5/113	128,5/113	82,5/71	82,5/71	129,7/113
Thickness (mm)	0,8/1,0/1,2	0,8/1,0/1,2	0,8/1,0/1,2	0,8/1,0/1,2	0,8/1,0
Weight (kg/m)	1,15/1,43/1,72	1,15/1,43/1,72	0,98/1,23/1,48	0,85/1,06/1,28	2,3/2,88



“In your absence rolling shutters can effectively protect your property.”



TECNOSERRANDA

CHIUSURE
METALLICHE PER L'EDILIZIA



DB - Double Wallet

Double steel sheet profile, hot galvanized (140gr/m²) that is made with two steel sheets that slide one into each other. The inner space that is created can be filled with an insulating material of your choice. Double Wallet profile is commonly used in shops but is usable in any other facility. You can choose from a variety of RAL powder coated colors to creating a rolling shutter that fits your needs.

Profile Name	DB
Height/Step (mm)	129,7/113
Thickness (mm)	0,8/1,0
Weight (kg/m)	2,3/2,88



**“Ideal for
installing in
storefronts,
especially
jewellery
shops where
security
requirements
are stricter”**



TECNOSERRANDA

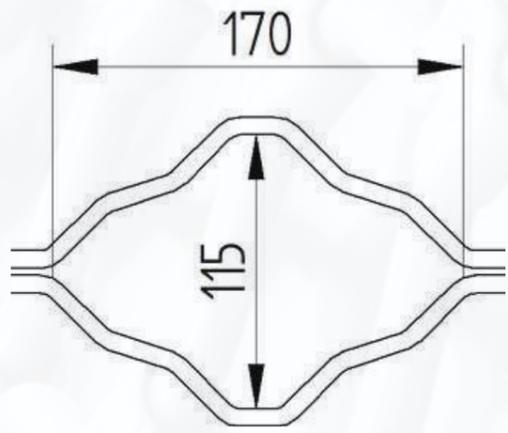
CHIUSURE
METALLICHE PER L'EDILIZIA

NET ROLLING SHUTTERS

Specially shaped rods of galvanized solid iron diameter Ø8 that are linked between with special ties to create the overall net. Ideal for installation in storefronts due to the combination of high security and in-store vision.

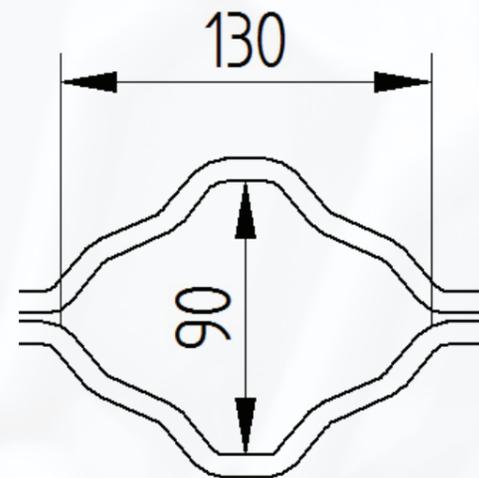
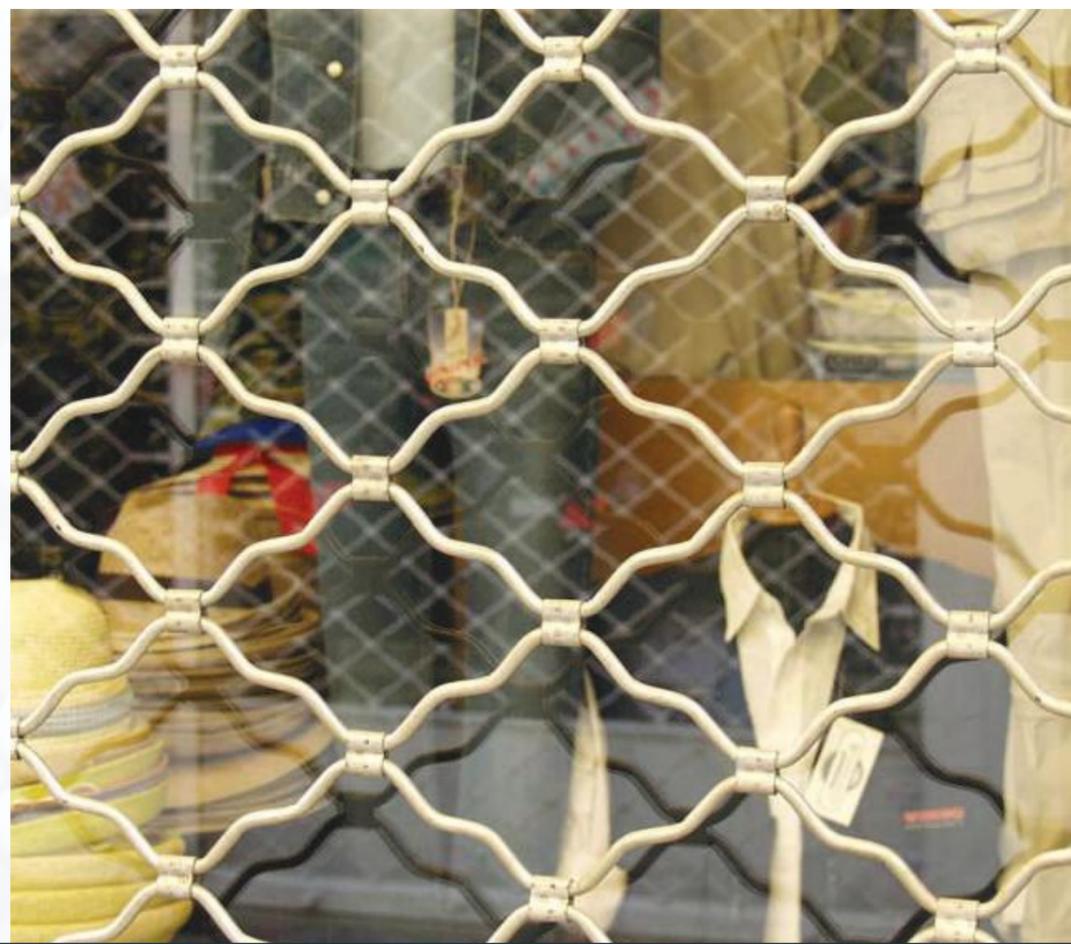
A rolling shutter that is largely hand- assembled with great persistence and patience by experienced technical staff. You can choose between three different patterns: Sparse (170x115) , Medium (130x90) and Dense (70x45).

You can choose from a wide range of powder coating colours with excellent resistance to outdoor conditions and excellent colour retention that meets the requirements of all major European architectural standards.



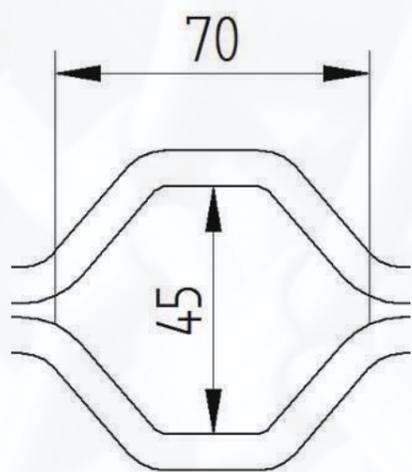
Sparse Profile

Solid Iron tube (Ø8) with 170x115mm holes. Weight: 9,0 kg/m²



Medium Profile

Solid Iron tube (Ø8) with 130x90mm holes. Weight: 11,4 kg/m²



Dense Profile

Solid Iron tube (Ø8) with 70x45mm holes. Weight: 17,5 kg/m²



TECNOSERRANDA

CHIUSURE
METALLICHE PER L'EDILIZIA

With a flanged shaft end for more stability and durability, TECNOSERRANDA industrial shafts are made to last forever.

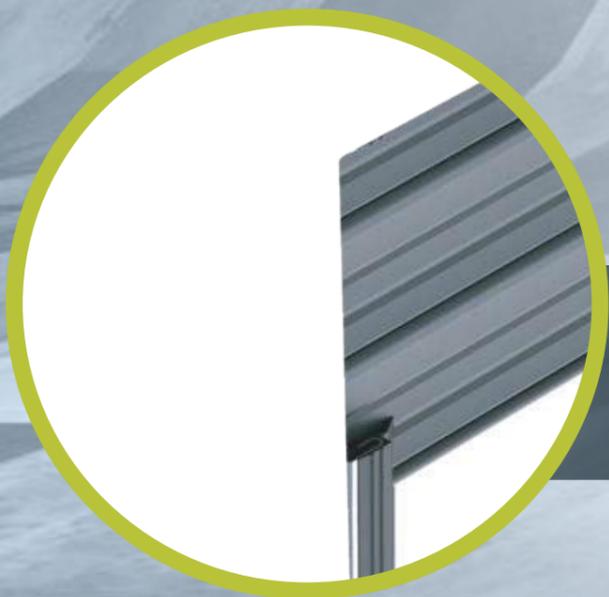


Specially specially designed straps that connect the shutter with the shaft.



SHAFT

The shaft is one of the most important parts in the operation of the shutter. In TECNOSERRANDA we do everything in our hand to manufacture highly functional and long lasting shaft to accompany your rolling shutter. Industrial rolling shutter shafts come in five different sizes:
Ø 133(4mm), Ø 159(4mm), Ø 168(4mm),
Ø 193(4mm), Ø 219(5-6mm)



Actual representation of the aluminum hook inside the guide.

HOOKS

Aluminum Hooks for bigger shutters that need to be reinforced.
The hook is accompanied with a plastic slider that helps it to move into the guide more freely.



TECNOSERRANDA

CHIUSURE
METALLICHE PER L'EDILIZIA



“Three-sided box that protects the shaft and the motor from external damage.”



GUIDES

Special shaped guides with various cross sections of 1,5mm or 2mm thick steel sheet, with integrated rubbers and brushes to reduce thermal losses help with sound reduction. Guides are painted with the same color as the rolling shutter.

Guide “Omega” with lip

Dimensions	80x80mm	110x80mm
Weight	4,7kg/m	5,5kg/m
Max. Length	12m	12m

Guide “Omega”

Dimensions	60x80mm	80x80mm	100x80mm	120x80mm
Weight	2,5kg/m	4kg/m	4,5kg/m	5,6kg/m
Max. Length	5m	5m	5m	5m

Guide “U”

Dimensions	40x30mm	60x30mm
Weight	1,8kg/m	2,4kg/m
Max. Length	5m	5m



TECNOSERRANDA

CHIUSURE
METALLICHE PER L'EDILIZIA



Secure your facility with Industrial Rolling Shutter series by TECNOSERRANDA. A product designed specifically to cover anything you will ever ask from a rolling shutter. Elegant, durable and customized according to your needs TECNOSERRANDA rolling shutter will leave you with nothing less than satisfaction.



TECNOSERRANDA

CHIUSURE
METALLICHE PER L'EDILIZIA



TECNOSERRANDA

**CHIUSURE
METALLICHE PER L'EDILIZIA**

TECNOSERRANDA 2013 S.r.l.
Via Palazzolo, 31/b
25032 Chiari (BS) - Italia
Tel: +39 030 712121
Fax: +39 030 7001584
E-Mail: commerciale@tecnoserranda.com
Sito Web: www.tecnoserranda.it