

FoldingPack® - The new way to produce the folding shutters

The way to create the folding shutters has changed.

Now there is FoldingPack® the new Sliding Folding Security Shutter.

Until now, the "old" manufacturers have used extruded aluminum profiles assembled with many components.

The assembly required a lot of manpower and the sliding shutter was very expensive.

This system is outdated.

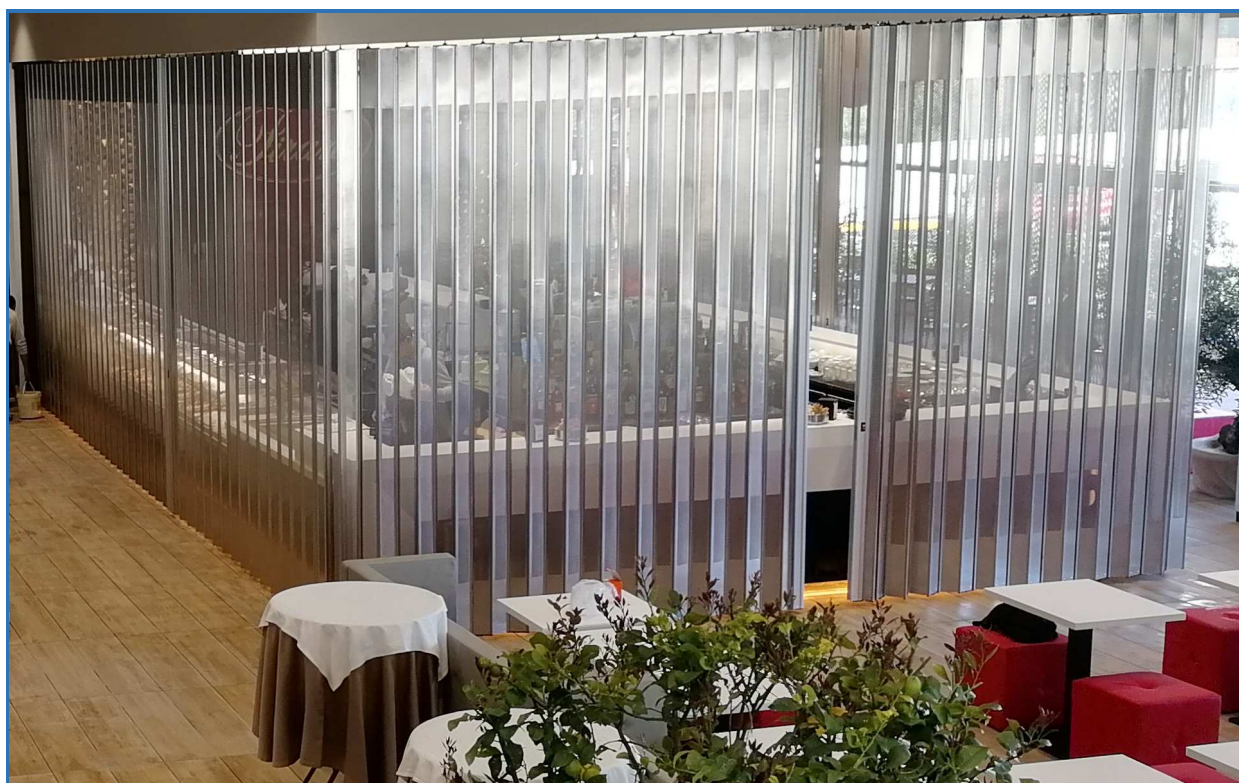
FoldingPack® is much simpler and more functional.

A roll-forming machine produces a specific shaped lamella with joints suitable for accurate folding.

The shutter obtained is perfect, simple and smooth:

better quality and more functionality with a much cheaper price

The roll forming machine computerized can produce full or micro-perforated slats. The micro-perforation can be made entirely or according to design, allowing to customize the shutter.



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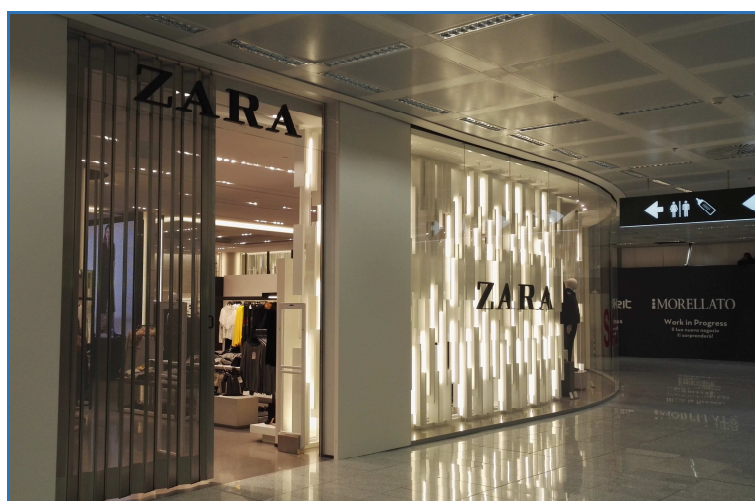
A roll-forming machine makes a specific shaped slats with joints suitable to folding accurately.



The shutter obtained is perfect, simple and smooth.

The roll forming machine control allows the slats to be in the exact requested size, full or micro-perforated. The micro-perforation can be made entirely or according to design, allowing to customize the shutter.

This construction system allows to produce FoldingPack® not only in aluminum but also in all types of steel: galvanized, stainless steel, pre-painted. When required, the simplicity of the structure allows the powder coating in any RAL color.



FoldingPack® - Sliding Folding Security Shutter

FoldingPack® sliding shutters are elegant and strong security barriers. Unlike traditional roller shutters they slide horizontally and fold away to the side.

Sliding shutters leave the opening completely clear, which makes them very suitable for securing shopfronts, restaurants and counters.

Because they can follow any curve, FoldingPack® shutters work very well in curved designs often used in airports and shopping centers.

There are many benefits of sliding folding shutters over traditional roller shutters.

For example, it's very easy to close off wide openings and openings with limited headroom with them.

Also, you can use them in straight runs as well as to follow a curve.



Sliding shutters consist of panels that make floor-to-ceiling barrier.

At regular intervals there are locking posts with shoot-bolts that secure the shutter into the floor. The whole shutter hangs from an aluminum top-track (there's no need for a bottom track) and can slide and fold horizontally to the side.

The beauty of a sliding shutter is that it can fold up into a small space and slide out of the way completely when it's not in use. It's possible to build a floor-to-ceiling compartment for the folded-up shutter to go into.



This can have a hinged door that hides the shutter from view.

Because our sliding shutters only need a top-track (which optionally can be recessed) and no bottom track, an folded open shutter leaves the opening totally clear.

Technical information

Arrangement:

Horizontally operated top hung sliding folding shutter.

The shutter consists of a set of strong slats that form a curtain. The slats hang from an extruded aluminum top-track and form a floor-to-ceiling barrier when the shutter is closed. Integral locking posts secure the shutter into the floor with vertical shoot-bolts. When not in use, the shutter slides horizontally to the side, where it neatly folds away.

Construction & Available finishes:

Constructed from 138 mm wide x 15 mm horizontal slats.

The curtain can be in:

- galvanized steel
- aluminum
- stainless steel
- it is possible the powder coating in any RAL color

Top track:

The top track is an aluminum extrusion 39 mm wide x 39 mm high and takes 25 mm diameter nylon roller wheel bearings. There is not a bottom track.

The curtain hangs from its track through a system of hangers and rollers. This allows the shutter to slide horizontally along the track.

The top track can be bent to follow almost any curve so that the sliding shutter can close off curved openings.

Operation:

FoldingPack is a manual security system. It closes by pulling the curtain shut and opens by pushing it open.

Locking Posts:

The shutter incorporates aluminum rectangular locking posts that ensure the shutter closes securely. Posts can be fitted also at regular intervals along the length of the curtain when it must be divided into several sections.

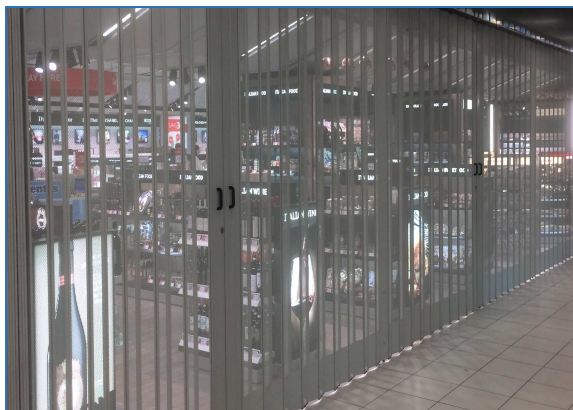
Posts are equipped with a cylinder lock with hooks to close the shutter or to connect the different parts of the curtain one to each other.

Floor sockets

FoldingPack® floor sockets have a stainless steel dust cap that protects the spring mechanism underneath. Their bevelled surfaces are raised only 2mm from the floor so they provide no trip-hazard and are safe for users of the opening.

Curtain realization

The FoldingPack® shutter can have various solutions. The computerized production system allows the control of the micro-perforation.



Standard micro-perforation

The standard solution provides the elements entirely micro-perforated with the exception of a lower and upper section that remains blind to make the closure more secure and allow the various accessories to be fixed on a solid surface.



Custom micro- perforation

In relation to the requests it is possible to customize the aesthetics of the shutter by realizing the micro-drilling in the positions and with the "blind / perforated" intervals indicated by the customer

Curtain "WALL design"

The computerized production system allows the WALL design.

The "WALL" design replicates the grille curtain design; this solution avoids the possibility of passing materials between the mesh profiles.

