

INSECT SCREENS



THIRAL

COMPANY PROFILE

Thiral company was founded in 1993. The company was initially involved in the field via aluminium panel manufacturing. In the years that followed Thiral expanded and developed new products which led to the incorporation of aluminium screens during 2000.

Thiral eventually became a recognized and burgeoning company in the field of aluminium screens manufacturing, which led to it's highlight invention of the delay mechanism (break) that is now registered as a European patent.

The evolution continues until today.

As a result we are glad to present to you our new line of Plisse aluminium screens, which include the models Plisse, Smart Horizontal, Smart Vertical and Flat. These new models are extremely well designed, functional and ideal for balconies and windows.

The new systems are here to complement the already well know range of THIRAL's products. Combined with our technologically advanced equipment (Electrostatic Paint Facilities, Wood-like paint facilities etch) we are ready to cover any quality and service needs you might have, regarding aluminium screens.



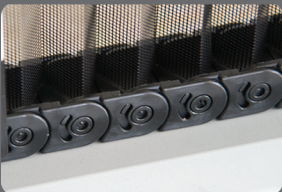
PLISSE

It is the ideal choice for balcony doors. Its movement is horizontal and the combination of the plisse cloth with the special caterpillar offers excellent function and beautiful results.

For technical reasons the height must be 20 cm longer than the width.

- There is no floor guide, facilitating the passage and the cleaning. It is ideal for people with special needs.
- The special plastic clips provide extremely easy installation as well as removal for cleaning or storing at any time.
- Single, double or triple leaf screen. In general, it can cover openings up to 6m.

The high quality materials used for the construction of the plisse screen are extremely resistant. The origin of its cloth is Italian while the Kevlar string is high resistant and it is an original, made in Japan, material.



Caterpillar



Clips



Plisse cloth



Floor strip



Kevlar string

FLAT

It is the perfect choice for balcony doors. It has got a plastic caterpillar so there is no need for a floor guide to be used. It has also got a flat cloth which offers much better visibility compared to other plisse systems.

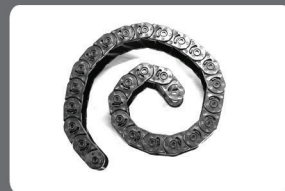
- It is ideal for people with special needs because there is no floor guide.
- The special plastic clips provide extremely easy installation as well as removal for cleaning or storing at any time.
- Single or double leaf screen construction. It can cover openings up to 3.2m.
- The screen can be blocked at any desired position.



Floor strip



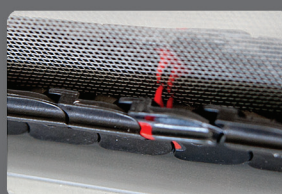
Clips



Caterpillar



Magnet



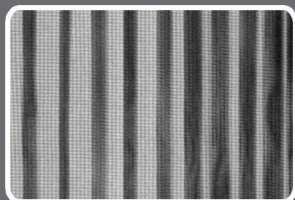
Windproof hook for extra cloth grip.

SMART HORIZONTAL



It is an horizontally moving screen which can be installed into balcony doors and windows. It has got a bottom floor guide (8mm aluminum sheet) which facilitates passage and plisse cloth is used. Its function is based on the KEVLAR strings which make the screen functional and easy to use.

- The special plastic clips provide extremely easy and quick installation.
- There is the possibility of two-sided opening (reversible).
- Option of a single or double leaf screen construction. It can cover openings up to 5m.



Plisse cloth



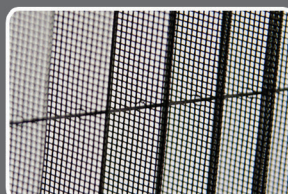
Low bottom floor guide 8mm



Clips



Smart reversible

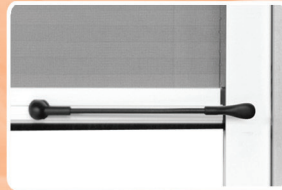


Kevlar string

SMART VERTICAL



It is a pleise cloth vertically moving screen. Its advantage is that it can be blocked at any desired position. It is mostly installed into window frames but it can be installed into balcony door frames as well.



Special grip handle



Plise cloth



Handle

HORIZONTAL



Sliding sole



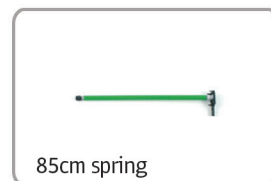
Security slider



Polyacetal rings



Folding bottom guide

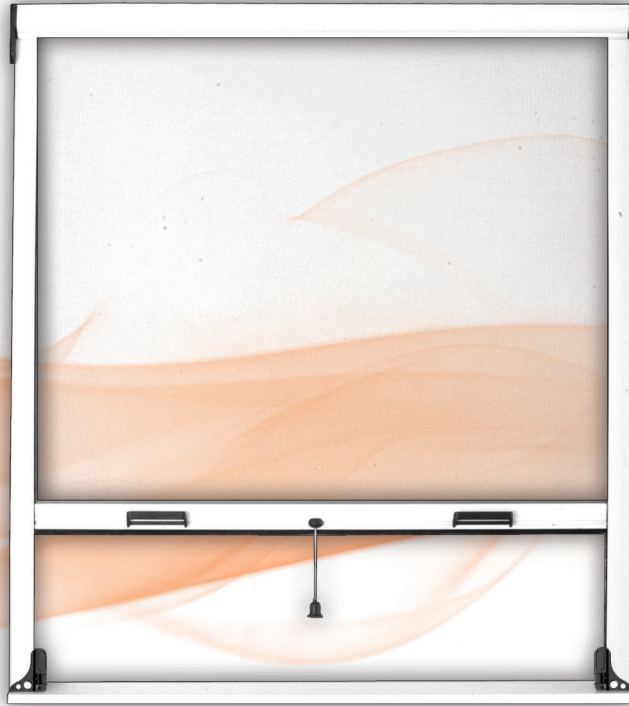


85cm spring

- Folding bottom floor guide
- Reinforced axle for large openings
- Latches that lock when we close the screen or they block the screen at any desired position (For two leaf frames)
- Two closing hooks which offer safety and steadiness

- Anti-wind brush
- Possibility of magnet installation into the same profiles
- Spring 85cm long for better function
- Sliding rings made of polyacetal
- Slide plate simulated by skis for better sliding

VERTICAL



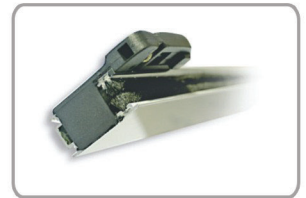
- Anti-wind harsh hair brush
- Optional brake installation into the screen (European Patent)
- Handle on both sides of the screen (inside and outside)
- During screen opening we do not have to bend. It unlocks by pressing the handle with our foot. (Only using the brake system)
- Quality screen stiff
- Reinforced axle for better function



Break (European Patent)



Sliding sole taht emulates skis, for better sliding and handling



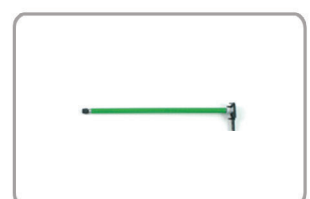
Hooks that keep the screen's guide open at the right position for hassle free functionality



Durable polyacetal rings



NEW: secured and sturdy hooks (stop) without metallic regulator



Galvanized and reinforced springs

OPENING Z SERIES



- Lath on the aluminum plate
- Magnet
- Return spring
- Pressed bottom rail that fits perfectly
- Bottom rail Dimensions 100cm x 35cm (Z4)
Pattern Dimensions 50cm x 17cm (Z4)
- Reinforced tubular profiles and metal connection corners
- Dimensions 230cm x 110cm
- Mullion latches for double leaf door frames
- **Types of opening insect screen**
ZA Pressed bottom rail and laths
Z3 Wide bottom rail and lath
Z2 No wide bottom rail or laths



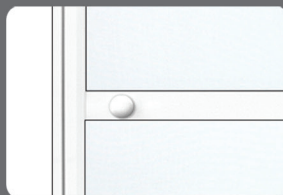
Molded connection corners



Curves reinforces profiles

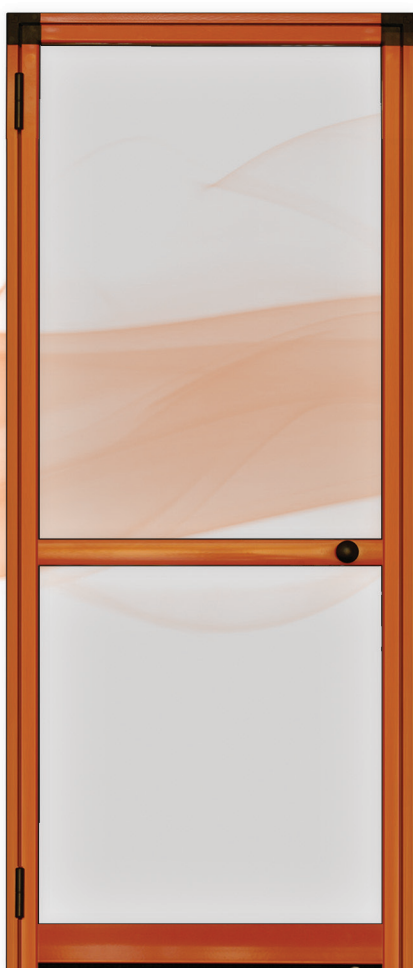


Lathed aluminium plate



Handle

OPENING S SERIES



- External plastic corners for vertical cuttings
- Special plastic wedge so that the screen can be blocked
- Magnet

- Very quick installation
- Dimensions 230cm x 110cm
- Mullion latches for double leaf door frames



Special aid guide for safe and fast drilling



Handle



Corners with screws that swell the corners within the construction



Special caps that allows full bottom brush coverage

SLIDING INSECT SCREEN



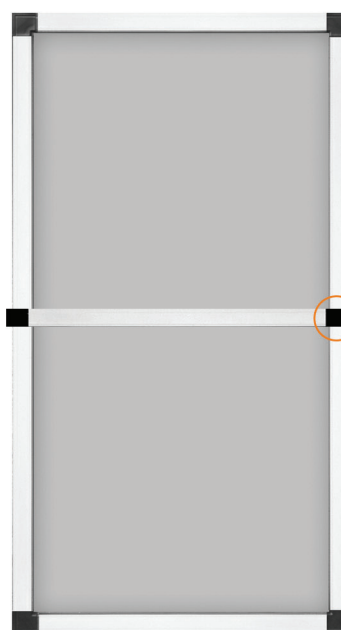
- Single or double leaf screen
- Steady-state tubular profiles
- Metal rollers
- Easy and quick assembly with special metal corners



FIXED INSECT SCREEN



- Easy and quick assembly
- Tubular profiles
- Special bearings so that it can be installed on the wall



Fixed screen frames with a crossbar for large openings

