

SUPERHERMIC®

PORTONI INDUSTRIALI COIBENTATI

CATALOGO PRODOTTI





The Company

Founded in 1973 by Mr Imes Tinti in association with his son Vanni Tinti.

In 1999 the locksmith workshop became a modern industrial company specialising in the production of a new generation of bi-folding doors with high thermal insulation.

Within a few years the company had grown to a turnover exceeding 8 million Euros with more than 60 employees and several sole ownership patents developed in collaboration with the Democenter of the Faculty of Engineering in Modena.

Our Business Concept

IM.VA. is the leading Italian provider of industrial folding door.

We offer total solutions with an emphasis on tailor made solutions and expertise to drive long-term customer relations.

Our Business Focus

Business-to-business orientation where the company will focus on customer solutions for selected customer groups for which IM.VA.'s long experience and applications know-how can create added value.



IMVA
INDUSTRIAL DOORS

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ERTHER



LIBER

FOLDING DOOR
WITHOUT BOTTOM TRACK



LIBER

Folding door without bottom track

- Opening to one or two sides
- Manual with provision for drive unit or electrically operated

Sliding system by means of an exclusive top rail in galvanised steel (PATENT PENDING):

- reduced headroom needed (150 mm)
- automation by drive unit with exclusive system of "arm traction"
- opened leaves can be stored either at 90° or 180°

Side frames in galvanised steel with compensation seals and brackets with slots for an optimal adjustment during installation.

Closing system with shoot bolt. Floor fixing secured by a strike plate and keep in nylon plastic.

Certified wind load resistance: Class 4 (EN 12424).







Door installed outside the building
equipped with steel cover to top rail and side frames.

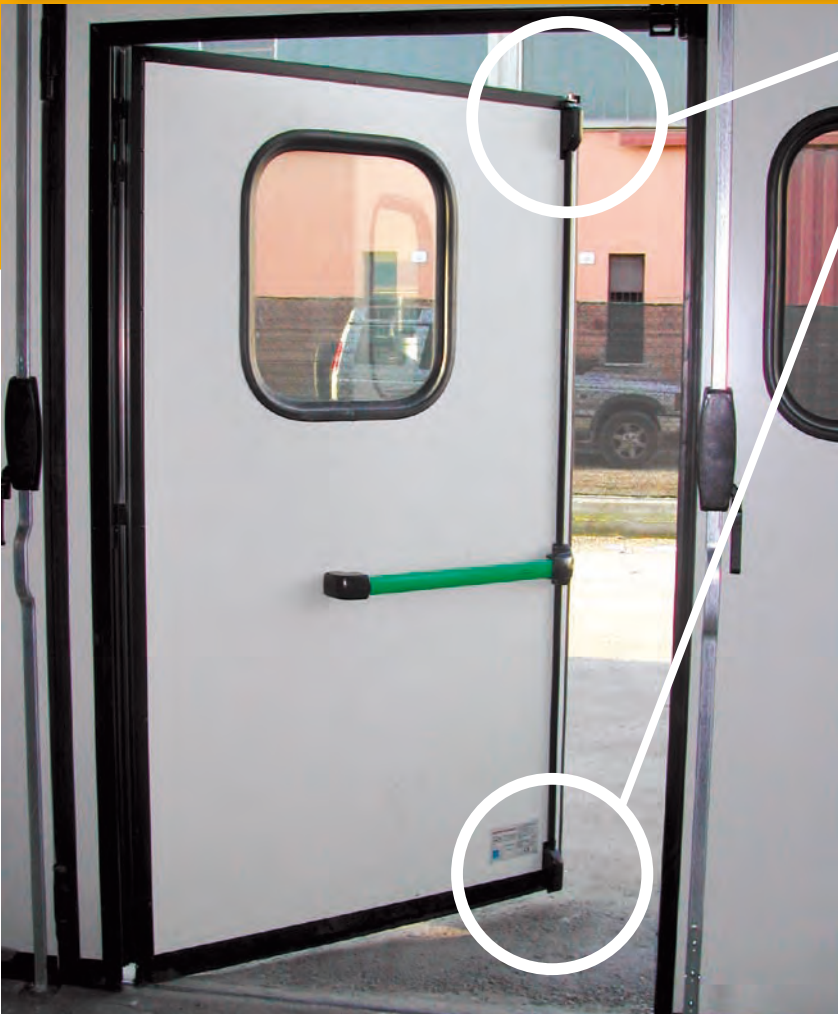




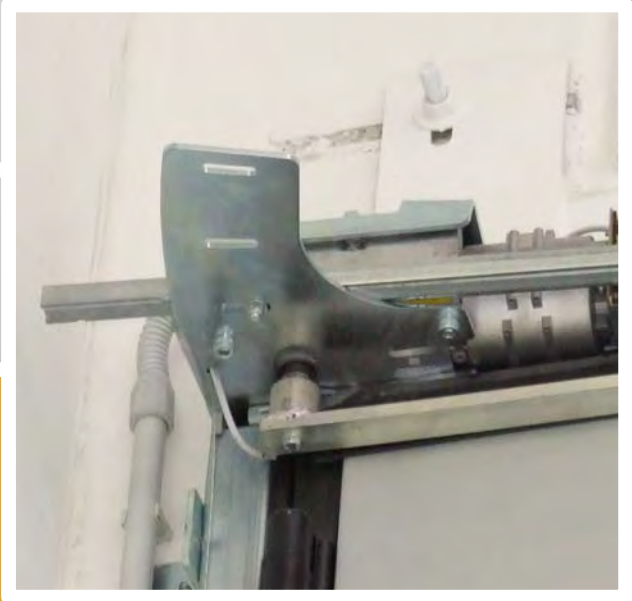
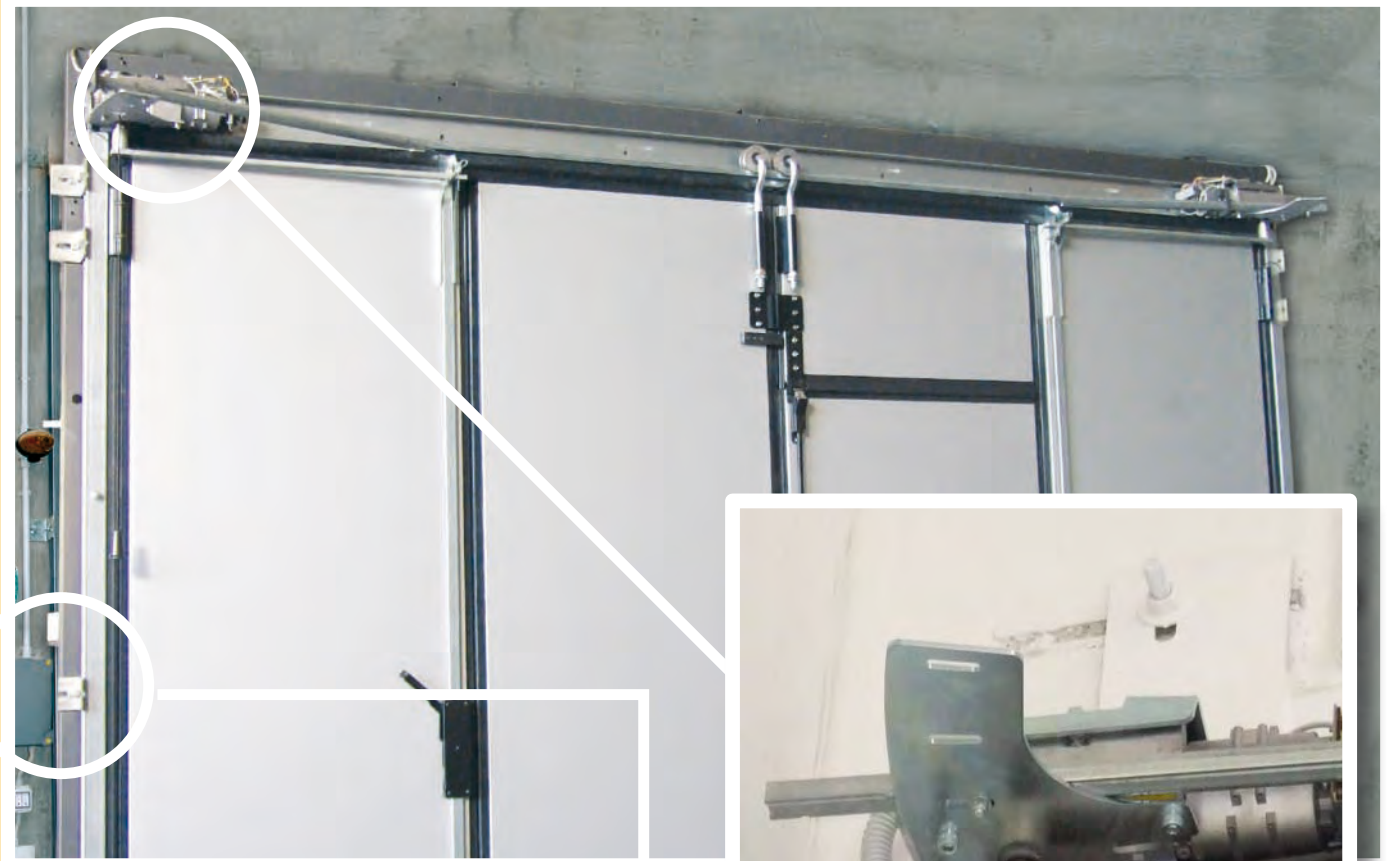
Wicket door without threshold
(available only on selected configurations)

As wide as the entire leaf, with special top frame in black aluminium; panic bar with two point locking, external handle with cylinder and key.

An exclusive system increases the stability to a considerable extent; the overhead hook connects the wicket door with the upper and side panels whilst a special bracket allows the optimum connection against the strike plate on the floor.



Door installed outside the building



Operator with exclusive arm traction system. 240v single-phase motor provided with manual override facility in the event of power failure. **PATENT PENDING**



Fully adjustable frame fixing brackets ensure quick installation



VERTICAL



LIBRUM

FOLDING DOOR
WITH BOTTOM TRACK



LIBRUM

Folding door with floor track

- Opening to one or both sides
- Manual with provision for drive unit or electrically operated
- Maximum height 10m.

The ideal door for large openings

Top rail manufactured from galvanised steel, painted in black colour, equipped with door leaves deflector and storage arrangement designed in accordance with the number and size of the leaves. Fully adjustable roller trolleys are fitted with adjustable 20 mm dia. pins.

Electric Operation

Provided with either 415v 3PHNE or 240v single phase motor driving the traction chain system with manual override in the event of power failure.

Floor rail made of galvanised steel. Rollers with ball bearings easy to adjust or change.

Heavy duty floor tracks are available, reinforced in case of traffic with heavy loads.

Certified wind load resistance:
Class 4 (EN 12424).







Wicket door with threshold

Equipped with handle and cylinder or panic push bar.

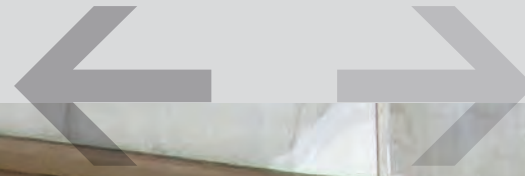


SMART
FOLDING DOOR



SMART

THE EVOLUTION OF THE FOLDING DOOR
WITHOUT BOTTOM TRACK



Smart is the simplified version of the folding door with 2+2, 2+1, 2+0, 1+1 leaf arrangements and is the ideal solution for medium sized openings.



Top fixing



Bottom fixing



Ergonomic, user-friendly, very competitive

Smart has been designed to provide the highest quality product at a competitive price as well as being installed easily in the minimum amount of time thus keeping installation costs to a minimum.

The product safety features together with the thermal insulation value, the wind load resistance and the durability are perfectly in line with the Superthermic range of products.

Product features

- Surface finish in embossed steel sheet
- 90 degree opening
- Options: wicket door (with or without threshold), glass windows, electrical operation
- Maximum opening size 5900mm wide x 5200mm high offering clear opening size of 5500mm wide x 5050mm high

VERTICAL FOLDING DOOR

VERTIGO

VERTICAL FOLDING DOOR



PATENT PENDING



VERTIGO

Vertical Folding Door

- electrically operated door
- vertically opening with 4 leaves
- reduced side and headroom space needed

Vertigo is a revolutionary industrial door designed to finally solve the space problem inside the building.

Thanks to the exclusive patented opening system, it reduces the side and top dimensions, optimising space to the maximum possible extent.

Vertigo is made of 55mm thick monobloc panels, provided with a newly designed internal load-bearing frame.

The movement system involves the use of 20mm diameter pins and lifting is by means of a chain drive.

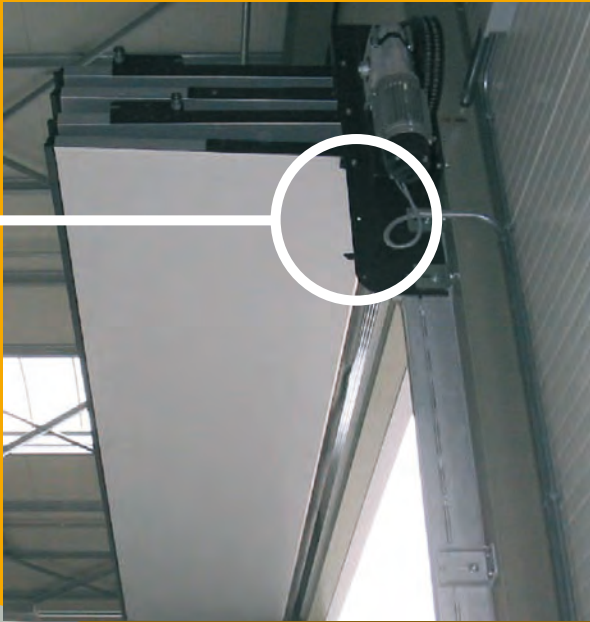
The absence of torsion springs and hoist cables drastically reduces the need for maintenance.

Certified wind load resistance: Class 4 (EN 12424).



Wicket door with threshold

Made of black aluminium surround frame that can be painted as required; Panic bar two point locking, external handle with cylinder and key available. Maximum dimensions: 1200x2100mm.





SUPERTHERMIC
CHIUSURE INDUSTRIALI DI NUOVA GENERAZIONE

VERTIGO

FLUX
SLIDING DOOR

ERTHER

FLUX

SLIDING DOOR



FLUX

Sliding door

- Opening to one or two sides
- With or without bottom rail
- Manual operation with optional electrical drive
- Maximum height 10m.

Exclusive assembly system

System for joining door panels by means of black hinges fixed to the integral load-bearing frame by means of contrast plates perfectly hidden by the EPDM seals (inner side).

This gives the door a special “folding effect” so it is possible to combine different door concepts in the same building facade and keep a harmonised outlook.

Exclusive top rail with:

- reduced headroom needed (150 mm)
- provision for automation (motor with chain drive)

Certified wind load resistance:
Class 4 (EN 12424).





Wicket door without threshold

Two point locking panic bar, external handle with cylinder and key.

The unique assembly system makes it possible to incorporate a wicket door as wide as the entire panel, without the need for a perimeter frame.





SUPERTHERMIC
CHIUSURE INDUSTRIALI DI NUOVA GENERAZIONE

FLUX

LINE



EXIT SWINGING DOOR

ERTHER



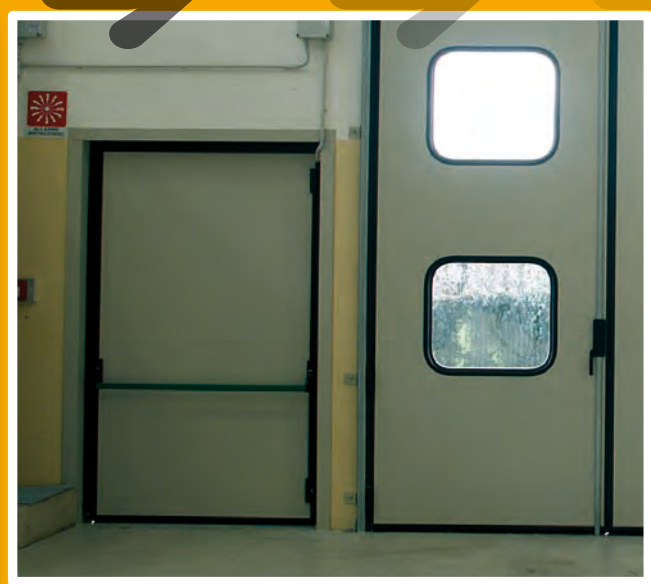
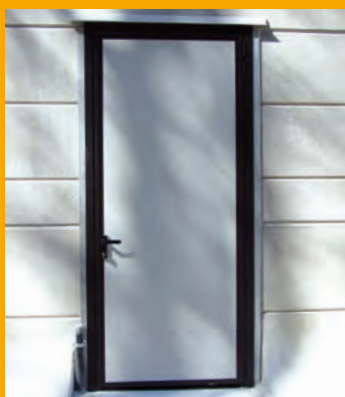
EXIT

Swinging door

Opening with one or two leaves (the secondary leaf is provided with up/down shoot bolt) made of 52mm thick superthermic insulated panel.

Manufactured from an aluminium frame with 90° mitred corners (powder coated black as standard, other colours available on request), the door is designed for easy and quick installation.

Lock system with handle and cylinder or panic push bar. Optional window or ventilation grilles can be fitted.



ERTHER



ISOMAX

THE ENERGY-SAVING
INDUSTRIAL DOOR SOLUTION





$U=1,15$

ISOMAX

The solution for industrial doors with a requirement for high thermal insulation.



$U=1,30$



Industrial door

- Available for all door versions (Folding, Sliding, Vertigo)
- Height (Width for Vertigo) max. 5000mm
- Panel thickness 54 mm
- **U Value = 1,15** measured on door 4500 x 4500 mm (no windows)



Swinging door

- Opening with 1 or 2 leaves
- Panel thickness 54 mm
- Closure mechanism with lever handle key and lock or panic bar two point locking
- Large sized adjustable hinges
- Options: window or ventilation grilles
- **U Value = 1,30** measured on door 1300x2200 mm (no windows)



ISOMAX provides a unique industrial door with a higher thermal insulation value, unchanged technical specification and unbelievable robustness.

The new structure of panels with **thermal break cut** technology allows to upgrade all type of Superthermic industrial doors with great thermal insulation characteristic, maintaining the doors robust construction, (durability and wind load resistance).

COLOURS AND ACCESSORIES LIBER, LIBRUM, FLUX, EXIT, ISOMAX, VERTIGO

Standard Colours available



Windows

Can be inserted in every leaf of the door; the dimensions can be customised according to the size of the door leaves.

• Rubber

Made with black EPDM frame, rounded corners (radius approx. 130 mm) which makes it possible to insert safety glass up to 10 mm thick.



• Aluminium with thermal break

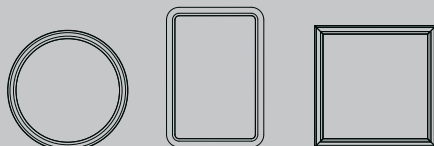
Manufactured from an aluminium profile with 90° mitred corners, frame allows for safety or double glazed glass up to 40 mm thick. Available in any geometric shape.



On request, special glass with "low U-values" can be fitted to ensure compliance with relevant building control requirements.

Dimensions

As standard the following window sizes are available in both the rubber and aluminium frames with transparent 8/9 safety glass,



Ø 530 mm.	700 x 700 mm.
500 x 600 mm.	700 x 1.000 mm.
500 x 800 mm.	700 x 1.500 mm.
580 x 880 mm.	700 x 2.000 mm.

Concealed hinges *

Manufactured from galvanised steel, painted black, with ball bearings.

The exclusive concealed hinge system provides the door with greater aesthetics and improved security. The hinges are fixed to the load-bearing frame by means of an adaptor plate, perfectly hidden in the seals of the door (patented system).



*Not on EXIT door

Locking system

Locking black shoot bolt with galvanised steel rods; on request, can be fitted with external handle with cylinder and key.



COLOURS ESSENTIA

Standard Colours available



ONLY VERTIGO

• Aluminium with thermal break

Manufactured from an aluminium profile with 90° mitred corners, frame allows for safety or double glazed glass up to 40 mm thick. Available in any geometric shape.



On request, special glass with "low U-values" can be fitted to ensure compliance with relevant building control requirements.

Dimensions

As standard windows are available with transparent 8/9 safety glass, in following sizes



Ø 530 mm.	580 x 880 mm.
500 x 600 mm.	700 x 700 mm.
500 x 800 mm.	



On request, powder coated finishes are available in RAL colours. The unique manufacturing process allows us to customise the aesthetics of the door with plain door leaves, vertical mouldings, rounded panes etc.

SPECIAL APPLICATIONS



Framed door with glass

Door leaves consist of a frame of powder-coated steel profiles glazed with safety glass, double glazed glass or steel sandwich panel.



Door leaf with wooden effect



The new generation of industrial doors

The door leaf consists of laminated panels with inner load-bearing frame insulated by means of CFC-free polyurethane. The new structural design allows the perfect thermal insulation and eliminates the thermal bridges present in traditional structures. Certified wind load resistance: Class 4 (EN 12424).



Product designed and manufactured in accordance with UNI EN 13241-1.



DIFFERENT BY CHOICE - BETTER FOR APTITUDE

The production of large volumes has always been marked by the high competence for customized solutions and the innovative design, specially appreciated by the architects as well as the end users.

The IM.VA. business vision is based on cutting edge technology of its products, certified by many exclusive patents, to provide solutions with added value for its customers. Sustained by these solid roots the company is the ideal partner for every design engineer, builder or end user who is looking for door solutions that combine quality, functionality and high levels of aesthetics.

IM.VA. is also the ideal partner for the maintenance of your industrial door.

An IM.VA. service agreement is your best assurance for a safe and reliable door operation.



Folding doors



Sliding doors



Swinging doors



Vertical folding door



Sectional doors



High speed folding doors



High speed rolling doors



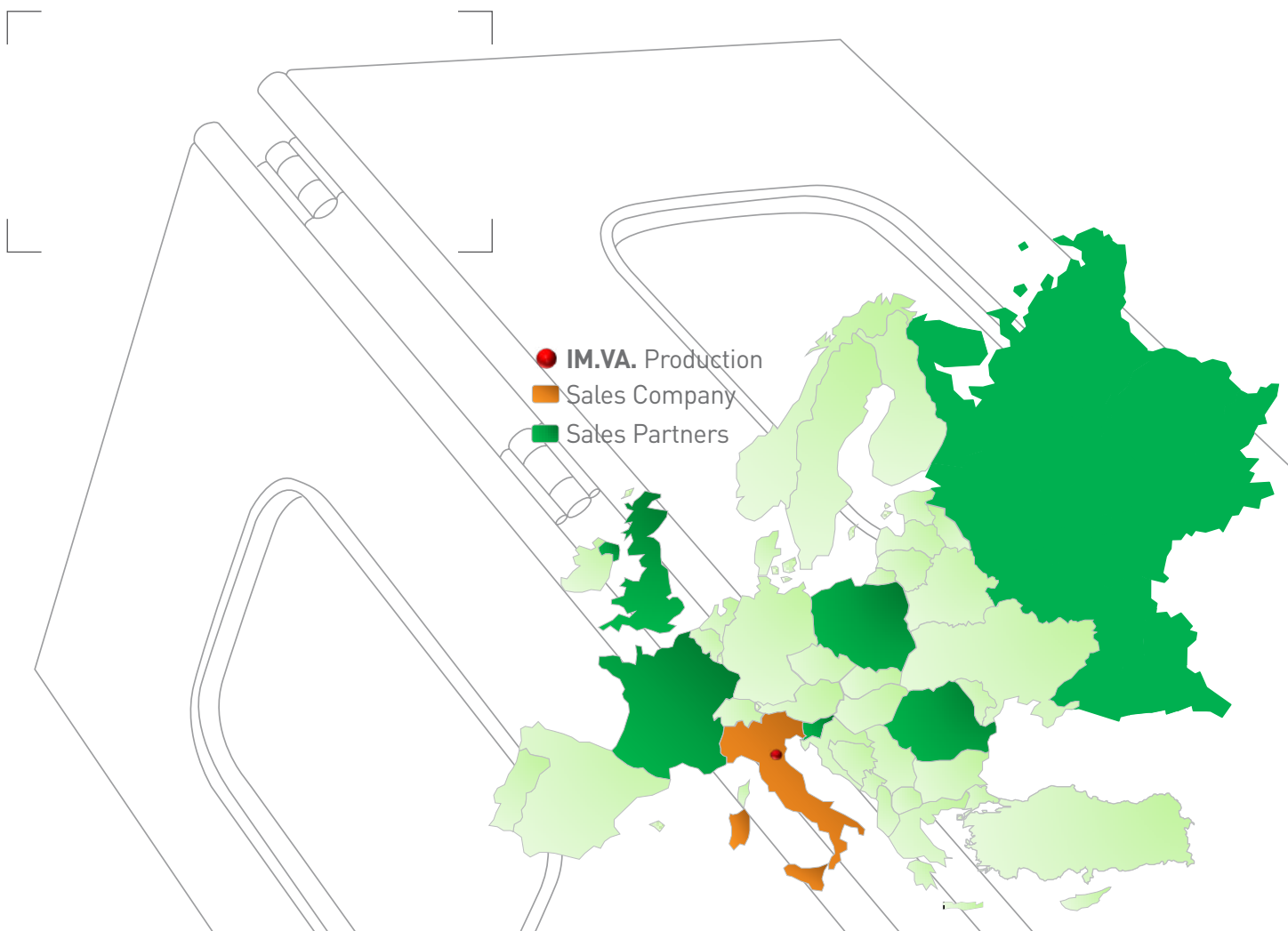
Fire-proof doors



Logistics



Energy Saving



IN VIEW OF PRODUCT DEVELOPMENTS, WE RESERVE THE RIGHT TO MAKE APPROPRIATE TECHNICAL MODIFICATIONS WITHOUT PRIOR NOTICE



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