



ITALDOOR

ISO-Thermal Industrial Doors

ABOUT US

ITALDOOR was established in 2019 as a limited liability company LLC under Egyptian investment law NO. 72/2017. Specialized in manufacturing of ISO-Thermal insulated and semi-insulated doors.

The factory was built inside the industrial zone, 6th of October City, Giza Egypt. Covering a total area of 2000 m². Our production capacity from 6000 to 8000 doors yearly.

All of our materials and door components meet with European standards and have been tested and approved. Our doors are completely secure and safe for the food & beverage and pharmaceutical sectors.

We have created and covered a strong worldwide sales network reaching 20 countries with our extensive selection of doors during the previous four years.



CEO WORD

The greatest precious asset in any firm is its people; such asset do not depreciate with time. When the firm considers its employees, a strong link of loyalty will develop between them, holding a limitless potential to constantly thrive in the proper atmosphere and establish the company's culture.

We have a wonderful devoted and self-motivated staff at ITALDOOR, a team that will make ITALDOOR a well-known leader in the Egyptian and global markets. I want to congratulate my teammates for all of your hard work and unwavering devotion in getting us to this point.

We have great aspirations and expectations for the next few years, based on good planning, market intelligence, and economic trend analysis, and we trust in our own talents to constantly exceed.

ITALDOOR would not have been able to make it in the market without its valued and respected clientele, who have helped us get to where we are now. We are really fortunate to have such clients.

No company in the world can really operate on its own or claim excellence in all fields of activities. And hence, several partnerships have been forged over the years, partnership of an international as well as local. Our team, in association with our valued partners, made it possible for us to radically enrich our solutions and services offerings to our clients.

I hope you enjoy reading it as much as we enjoy creating it.

TABLE OF CONTENT

ISO-THERMAL INSULATED DOORS

Hinged doors.....	1
Overlap & flush hinged doors.....	2
Sliding doors.....	11
Light sliding doors.....	12
Industrial sliding doors	16

SEMI-INSULATED SERVICE DOORS

Swing doors.....	24
Office doors.....	29

CLEAN ROOM DOORS

Clean room doors.....	34
-----------------------	----

ISO-THERMAL INSULATED DOORS

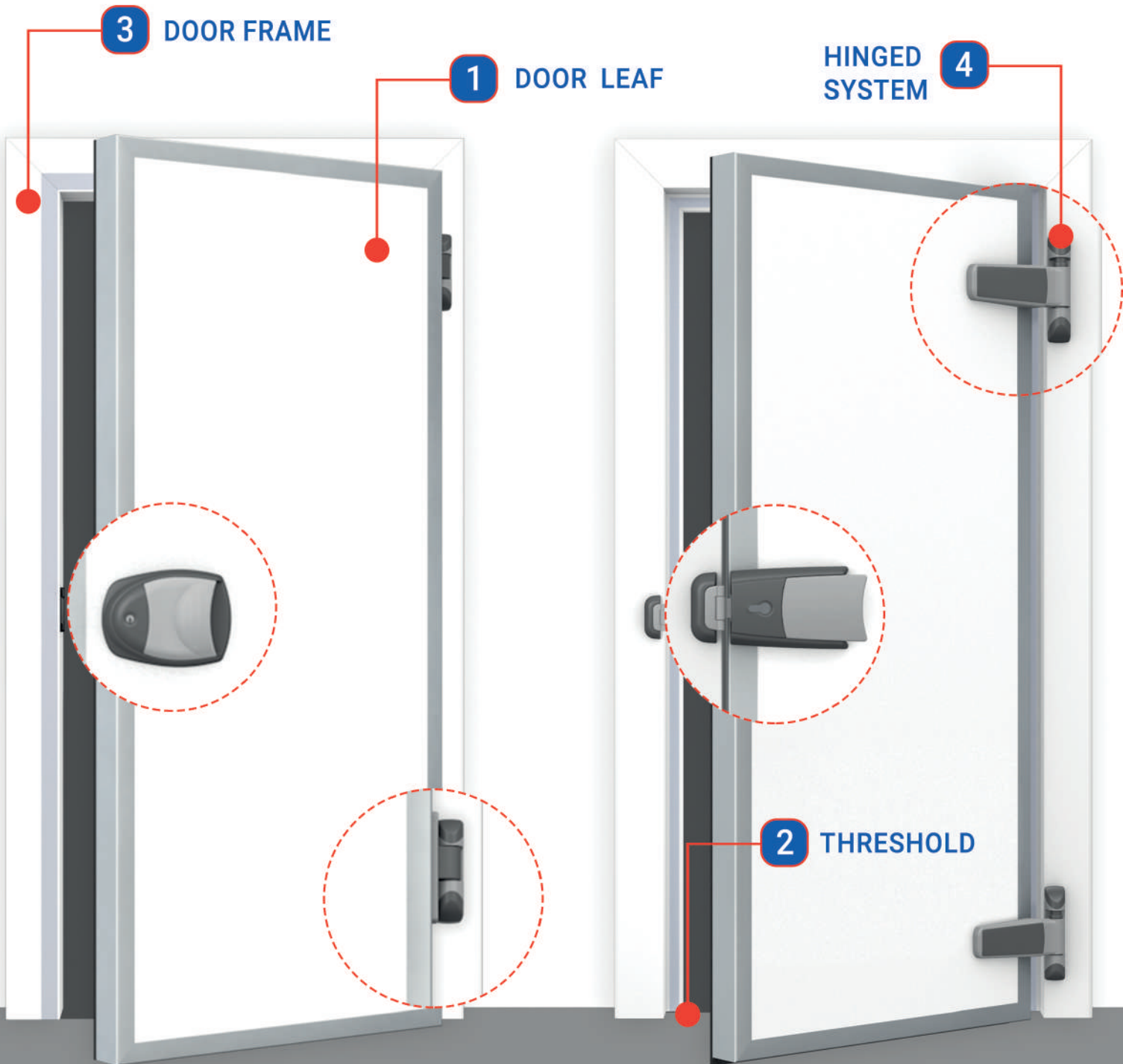
HINGED DOORS



HINGED DOORS

Overlap & Flush

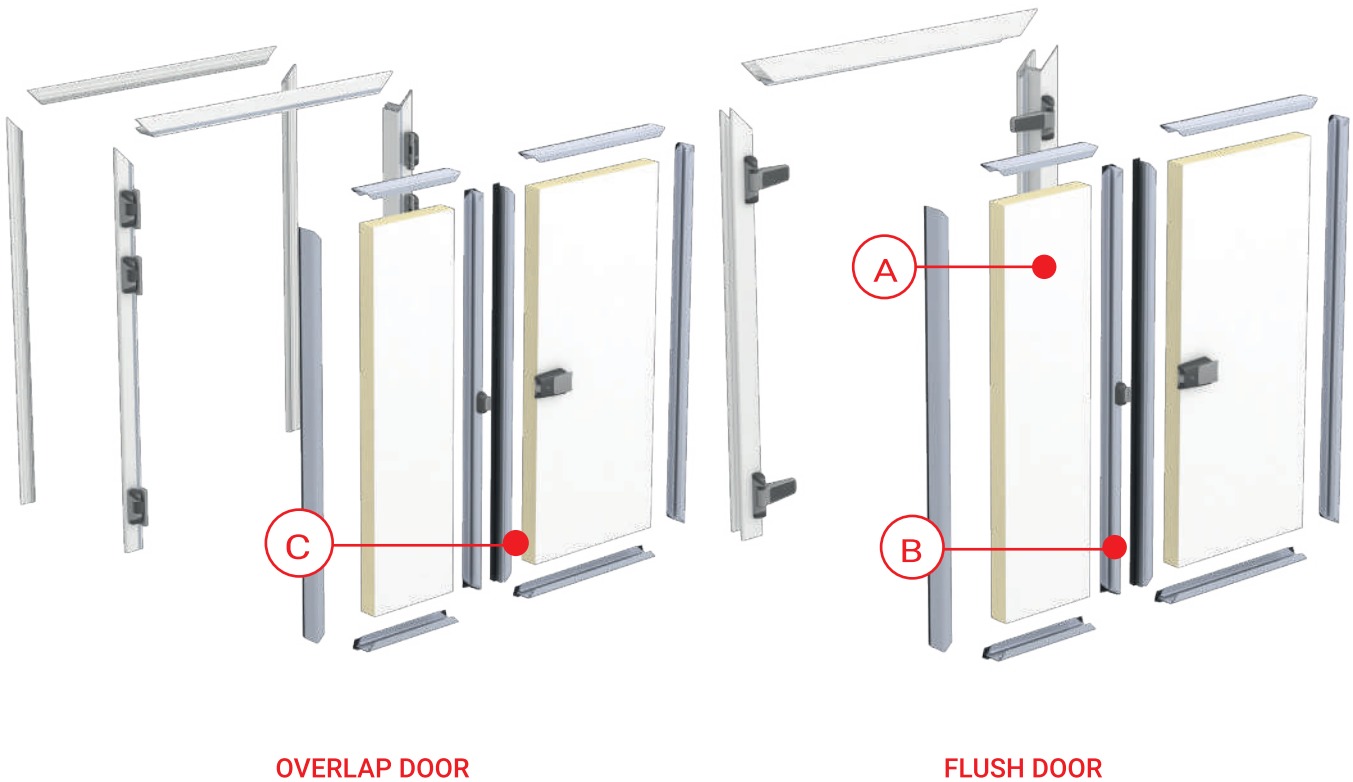
Single & Double Leaves



Hinged Door

Modular dimensions

- WIDTH up to 1500 mm for single-leaf door.
- WIDTH up to 3000 mm for double-leaf door.
- HEIGHT up to 3000 mm for both single and double leaf door.
- Thickness 70 mm up to 150 mm.



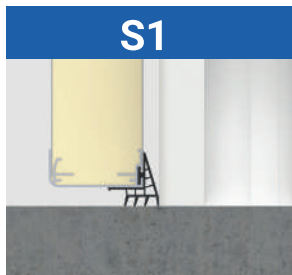
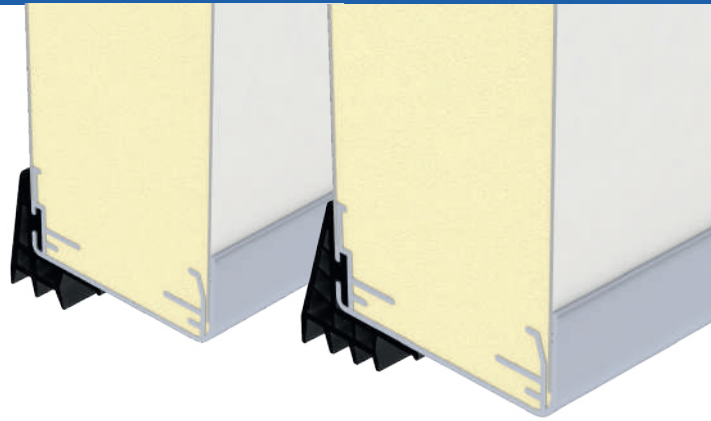
1-Door Leaf

- A- Cladding both sides of two pre-painted hot dip-galvanized steel sheets thickness 0.50mm RAL 9002 (Standard), thicker sheets available (on request) surrounded by an anodized aluminum profile 70,100,120 and 150mm, Injected with Polyurethane rigid foam (PUR) density of 40 Kg/ m3 (± 2 kg).
- B- Along the edge of the anodized aluminum profile insert a special EPDM rubber gasket double density in order to avoid leakage.
- C- Special 3 or 4 lines EPDM rubber gaskets are fixed at the bottom of the door leaf.

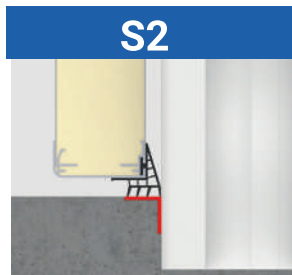
Hinged Door

2-Threshold

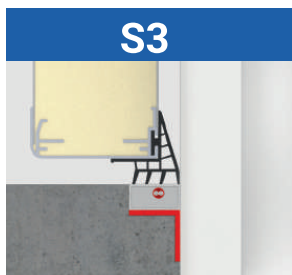
Four types of thresholds are available depending on door application and temperature of the room.



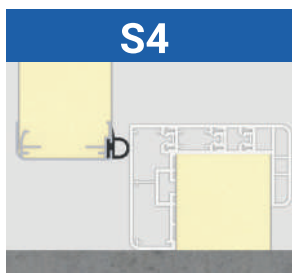
frame is only 3 parts without a threshold connected to it for positive and negative temperature.



frame is only 3 parts and a 50x50 mm pre-painted steel angle is connected to the frame at the bottom and recessed into the concrete floor.



frame is only 3 parts, A metal tube Angle of 40 x 40 mm joined with another stainless-steel tube (20 x 40 mm) Both are connected to the frame at the bottom and recessed into the concrete floor.



frame is 4 parts of P.V.C consisting of (2 jambs + 2 transoms) for both positive and negative temperature.

Hinged Door

3-Door Frame

Overlap Doors

1- Extruded P.V.C profile L shape for 100 mm panel thickness reinforced internally by steel, thermo-welded at (45o).

2- For thicker panels another frame connecting type is provided and comes in 3 parts:

- a- Outside part/ fixed size - 2 types - one for positive and the other
- b- for negative temperature.

Side part/ in two sizes 30 ,20, and 100 mm to be connected to

c- the outside part in order to reach the right panel thickness.

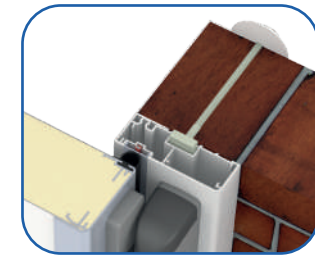
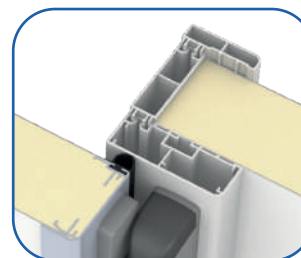
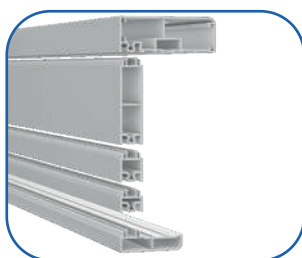
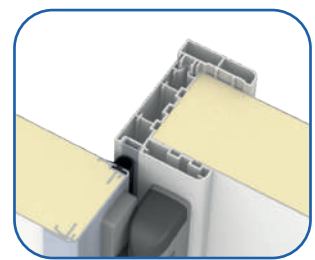
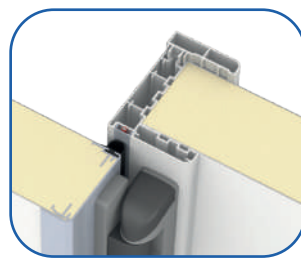
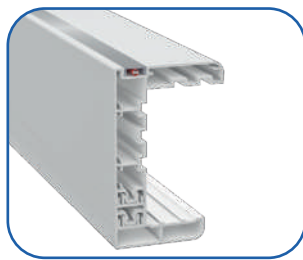
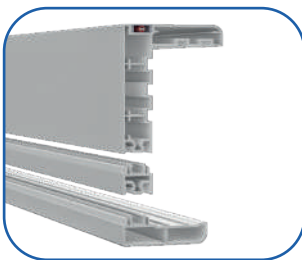
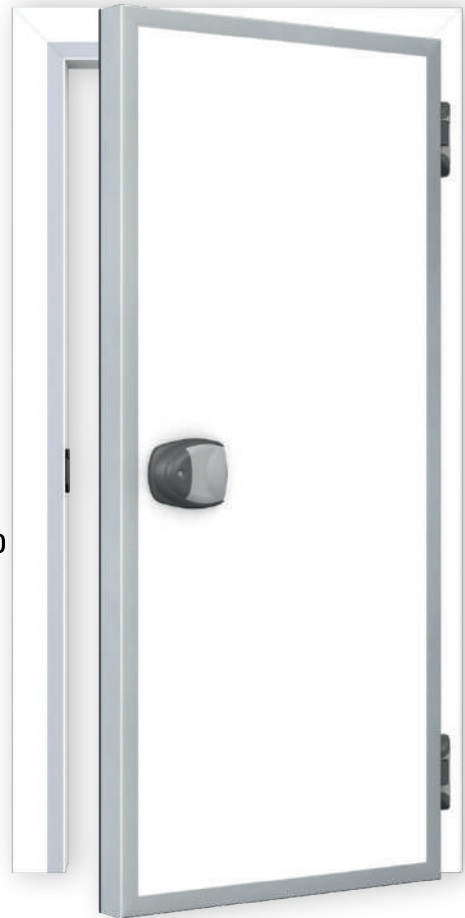
Counter frame/ inside of the cold rooms.

3- For negative temperature, a heating cable 30 w/m powered at 220

V is inserted inside the frame covered by an aluminum profile.

4- A special opening for rail passage Inside meat processing plants:

- The opening size will be 200 x 400 mm or customized.
- The opening will be surrounded by the P.V.C.
- Two rubber seals will be fixed on the opening to let pass the Guideway.

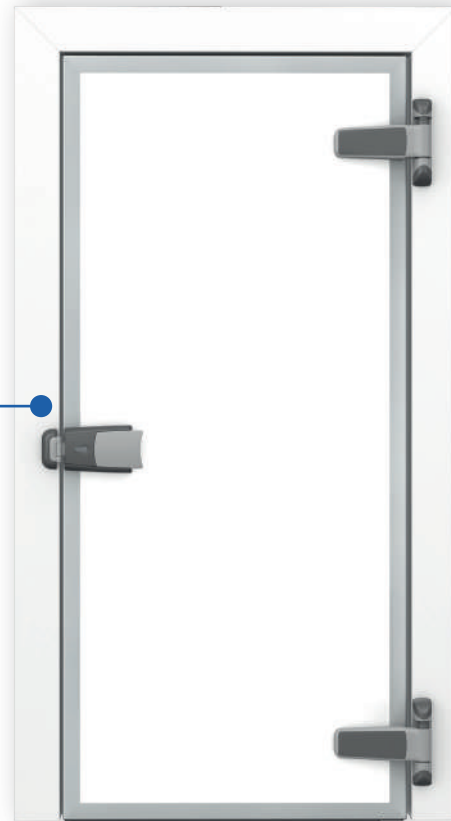


Hinged Door

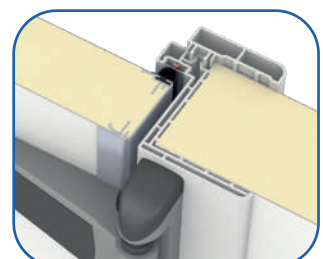
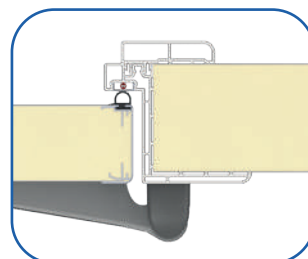
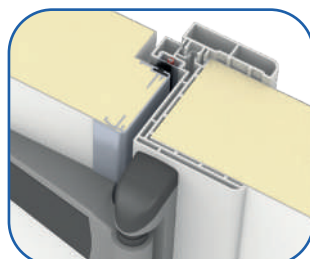
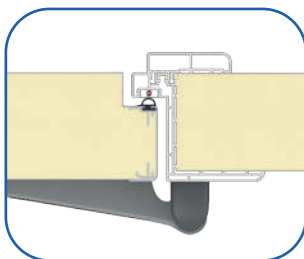
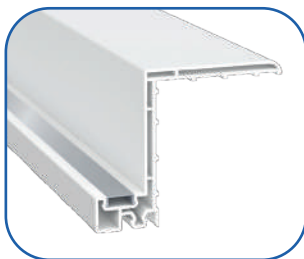
Flush Doors

1- Extruded P.V.C profile Z shape ending with a square box to install the heating cable covered with extruded aluminum, installed on 100 mm panel thickness, reinforced internally by steel.

2- A heating cable 20 w/m powered at 220 V is inserted inside the frame negative temperature.



Flush Door



Hinged Door

4-Hinged System

Overlap Doors

According to the application and type of the door we use high-quality Italian hinged hardware, all models are CE certified and tested up to 10,000 times.

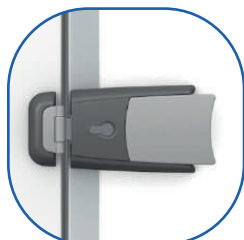
The hinged system consists of the following parts:

1-External fastener with key lock and emergency safety release.

2-Hinges

Hinged system technical data:

- No door Clearance encumbrance.
- Interchangeable right or left.
- Inside emergency safety release push-button.
- Adjustments: horizontal/dual vertical adjustment.
- Recessed auto-lubricating ramp.



Hinged Door

Flush Doors

According to the application and type of the door we use high-quality Italian hinged hardware, all models are CE certified and tested up to 10,000 times.

The hinged system consists of the following parts:

1-External fastener with key lock and emergency safety release.

2-Hinges

Hinged system technical data:

- No door Clearance encumbrance.
- Interchangeable right or left.
- Inside emergency safety release push-button.
- Adjustments: horizontal/dual vertical adjustment.
- Recessed auto-lubricating ramp.



Hinged Door

Overlap Models



Model	Leaf Thickness	Temperature	Threshold	Rail passage
H70-TN	70 mm	+5	S1/S2/S4	–
H100-TN	100 mm	+2	S1/S2/S4	--
H70-TNG	70 mm	+5	S1/S2/S4	Yes
H100-TNG	100 mm	+2	S1/S2/S4	Yes
H100-BT	100 mm	-18	S3/S4	--
H120-BT	120 mm	-30	S3/S4	--
H150-BT	150 mm	-40	S3/S4	--
HD-70TN	70 mm	+5	S1/S2/S4	–
HD-70TNG	70 mm	+5	S1/S2/S4	Yes
HD-100TN	100 mm	+2	S1/S2/S4	–
HD-100TNG	100 mm	+2	S1/S2/S4	Yes

Hinged Door

Flush Models



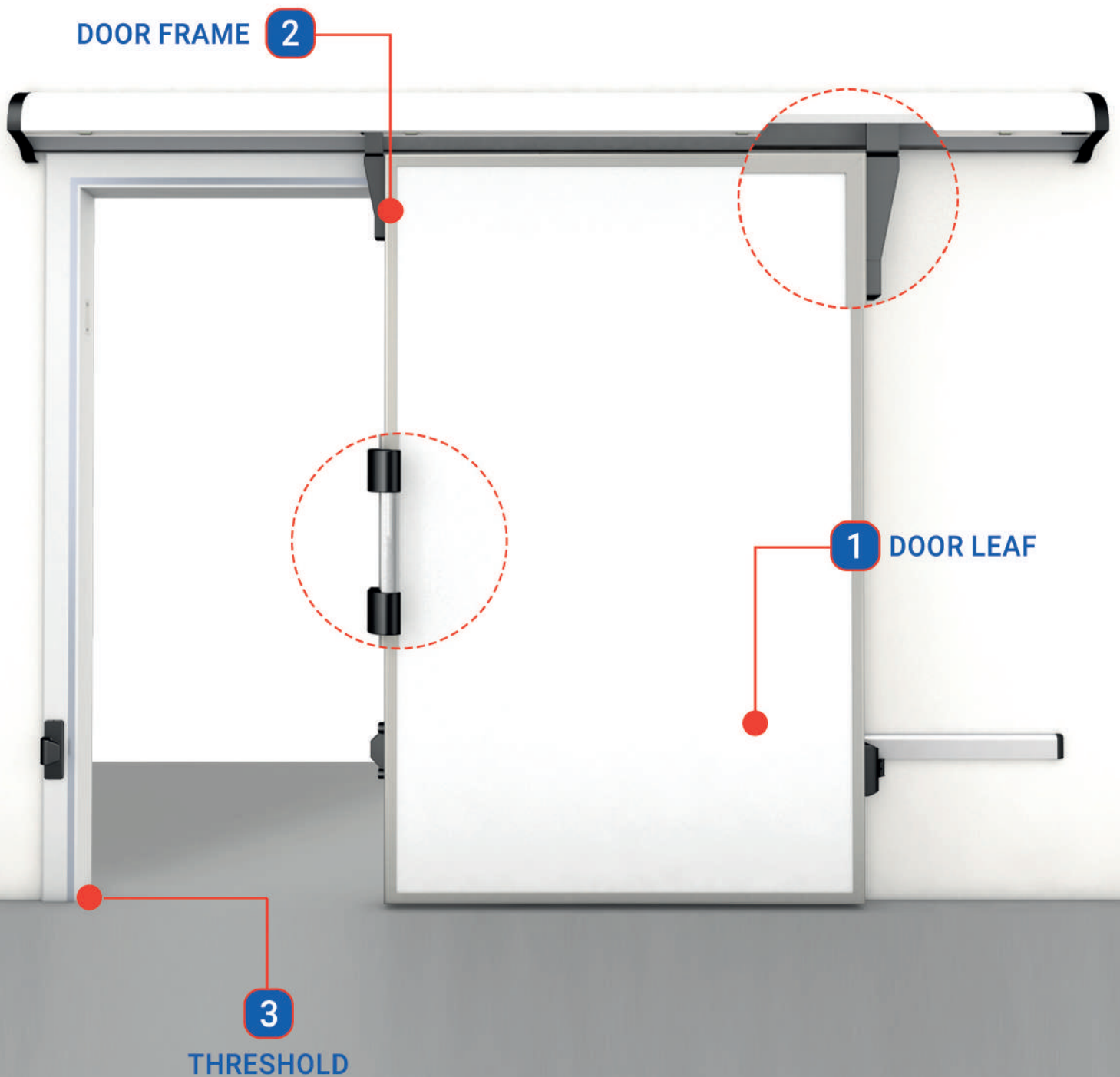
Model	Leaf Thickness	Temperature	Threshold
HF70-TN	70 mm	+5	S1/S2/S4
HF100-TN	100 mm	+2	S1/S2/S4
HF100-BT	100 mm	-18	S1/S2/S3/S4
HFD70-TN	70 mm	+5	S1/S2/S4
HFD100-TN	100 mm	+2	S1/S2/S4
HFD100-BT	100 mm	-18	S1/S2/S3/S4

ISO-THERMAL INSULATED DOORS

SLIDING DOORS



LIGHT SLIDING DOORS



Light Sliding Door

Modular dimensions

- WIDTH up to 1400 mm for single-leaf door.
- HEIGHT up to 2200 mm for both single and double leaf door.
- Thickness 70 mm and 100 mm.



1- Doors Leaf

- Cladding both sides of two pre-painted hot dip-galvanized steel sheets thickness 0.50mm RAL 9002 (Standard), thicker sheets available (on request) surrounded by an anodized aluminum profile 70 mm, Injected with Polyurethane rigid foam (PUR) density of 40 Kg/ m3 (± 2 kg).
- Along the edge of the anodized aluminum profile insert a special EPDM rubber gasket double density.
- Special 3 lines EPDM rubber gaskets fixed at the bottom of the door leaf.

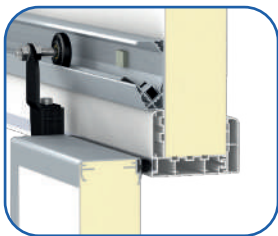
Light Sliding Door

2- Door Frame

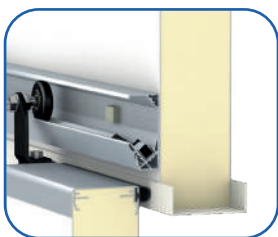
- Upper rail in Anodized aluminum supplied in detached pieces to allow fixing the falling ramps with the possibility of setting up the right or left opening.
- Wall Guide in anodized aluminum.
- Brackets in reinforced composite material and zinc-coated metal.
- Two pulleys made of composite plastic materials.
- Fixed external handle in composite plastic material with stainless steel 304 tube.
- Fixed deep internal handle in luminescent plastic material.
- Adjustable lower register.
- Vertical and horizontal door leaf adjustment

Optional

- 1-Lock with key and safety release



Frame 100mm

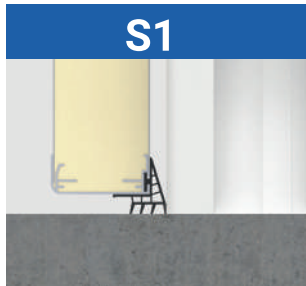


Frameless

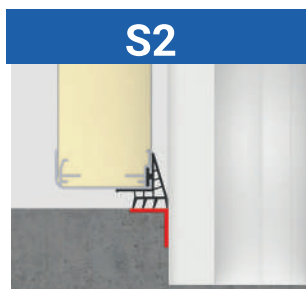


3-Threshold

Three types of thresholds are available depending on door application and temperature of the room.



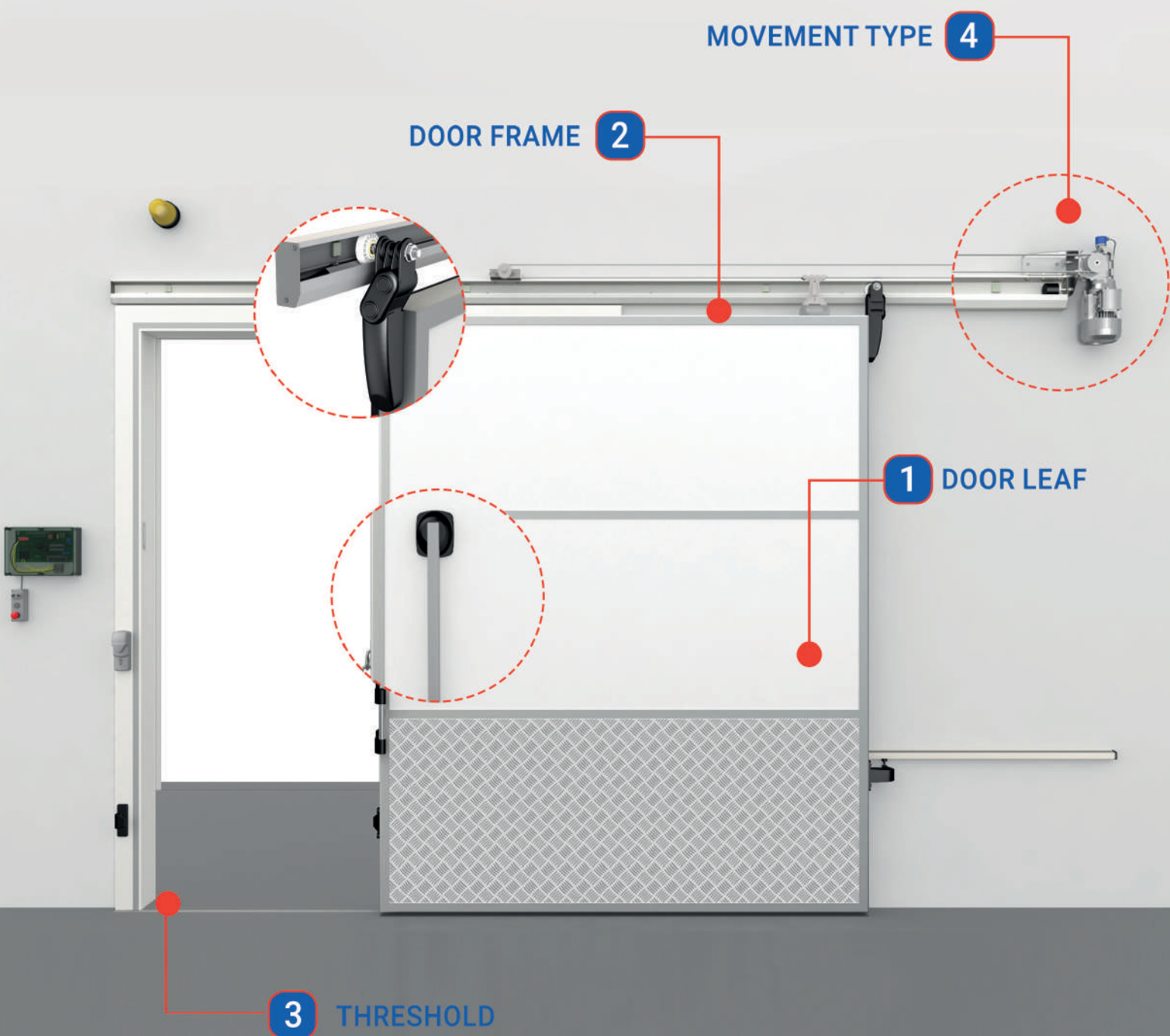
without threshold, the frame is only 3 parts (2 jambs + 1 transom) for positive temperature for rooms with or without floor.



frame is only 3 parts and a special 40x40 mm thickness 4mm pre-painted steel angle is connected to the frame at the bottom and recessed into the concrete floor at 80mm, used for both positive for rooms without a floor.

INDUSTRIAL SLIDING DOORS

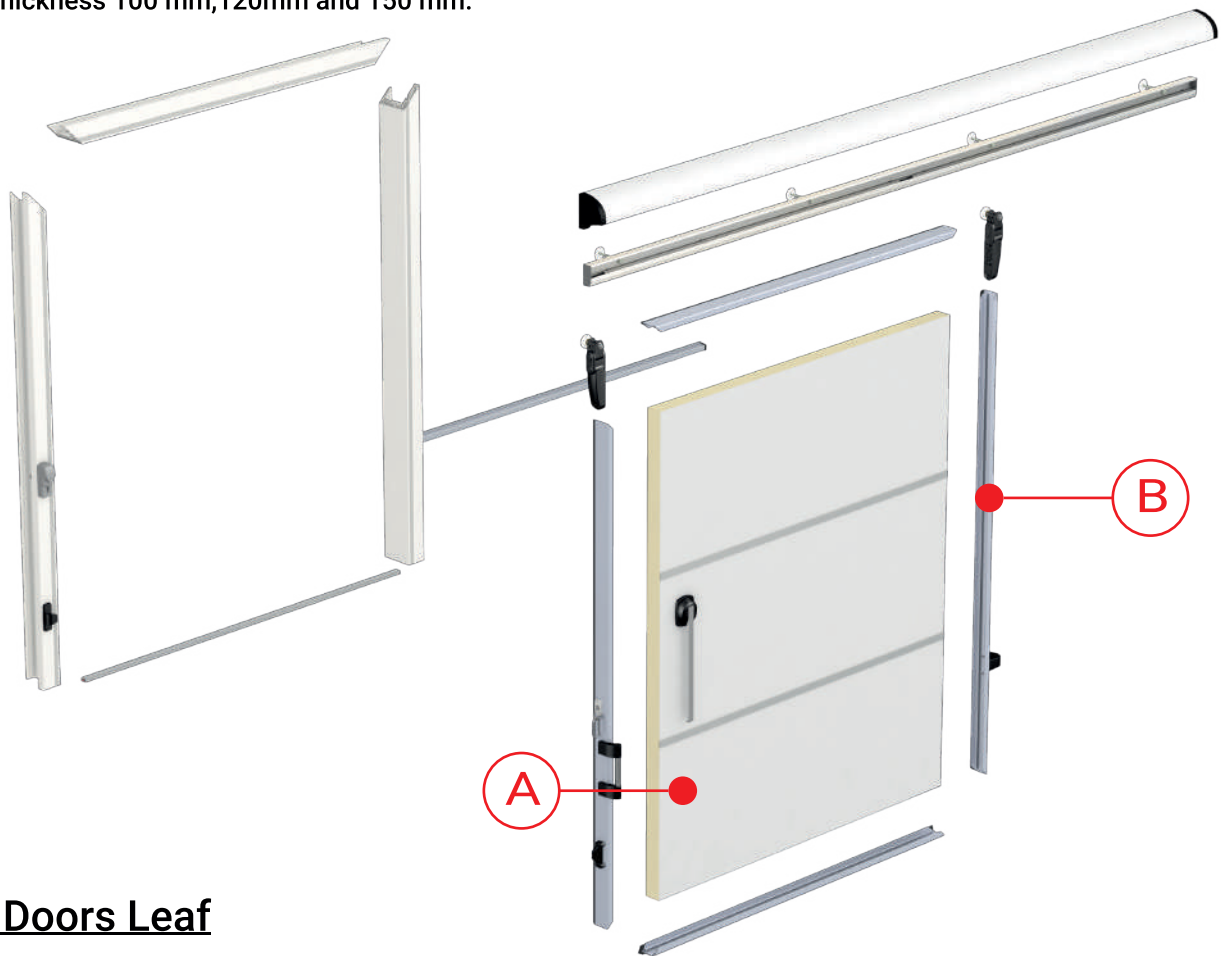
single & double leaves



Industrial Sliding Door

Modular dimensions

- WIDTH up to 3400 mm for single-leaf door.
- WIDTH up to 6800 mm for double leaves door.
- HEIGHT up to 4300 mm for both single and double leaf door.
- Thickness 100 mm, 120mm and 150 mm.



1- Doors Leaf

- A- Cladding both sides of two pre-painted hot dip-galvanized steel sheets thickness 0.50mm RAL 9002 (Standard), thicker sheets available (on request) surrounded by an anodized aluminum profile 100,120 and 150mm, Injected with Polyurethane rigid foam (PUR) density of 40 Kg/ m³ (±2 kg).
- B- Along the edge of the anodized aluminum profile insert a special EPDM rubber gasket double density, in deep freezers up to - 40 degrees insert two double-density gaskets, Special 3 lines EPDM rubber gasket is fixed at the bottom.
- Leaf is reinforced internally with a metal tube connecting four sides of anodized aluminum in perfect shape and condition.
 - Along the anodized aluminum internally special metal plates are inserted to allow fixing sliding system parts.

Industrial Sliding Door

2- Door Frame

A- Frame is made up of extruded P.V.C profiles reinforced internally by steel and it is thermo-welded at (45o) and delivered in 3 main parts:

- Outside part/ fixed size - 2 types - one for positive and the other for negative temperature.
- Side part/ in two sizes 30 ,20, and 100 mm to be connected to the outside part in order to reach the right panel thickness.
- Counter frame/ inside of the cold rooms.

B- Optional/ framed can be covered by welded stainless steel 304 along with a door leaf made on both sides from stainless steel.

C- For negative temperature, a heating cable 30 w/m powered at 220v is inserted inside the frame covered by an aluminum profile.

D- For deep freezers, up to 40-co heating cable 30 w/m powered at 220v is inserted in both leaf and frame.

E- For meat processing plants a special opening for rail is done as follows:

- The opening size will be 200 x 400 mm or as the customer requests.
- The opening will be surrounded by the P.V.C counter frame.
- Two rubber seals will be fixed on the opening to let pass the Guideway.



Optional

1- Higher door up 6000 mm

2- lock with key and safety release

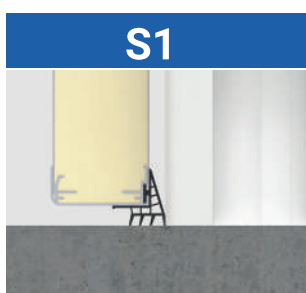
3- Automatic Sliding system SA100

- Electronic control unit power supply 265/90V Single-phase.
- Full control with magnetic encoder.
- Obstacle detection in closing, with adjustable drive-torque.
- Electric gear motor 380/220V50-Hz with magnetic encoder.
- External push button switch box.
- Emergency stop switch.
- External flashing light.
- Degree of protection: IP55

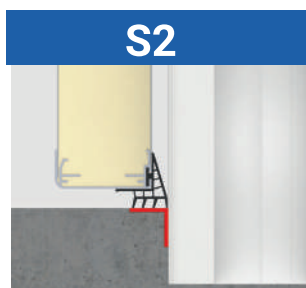
Industrial Sliding Door

3-Threshold

Three types of thresholds are available depending on door application and temperature of the room.



frame is only 3 parts without a threshold connected to it for positive and negative temperature.



frame is only 3 parts and a 50x50 mm pre-painted steel angle is connected to the frame at the bottom and recessed into the concrete floor.



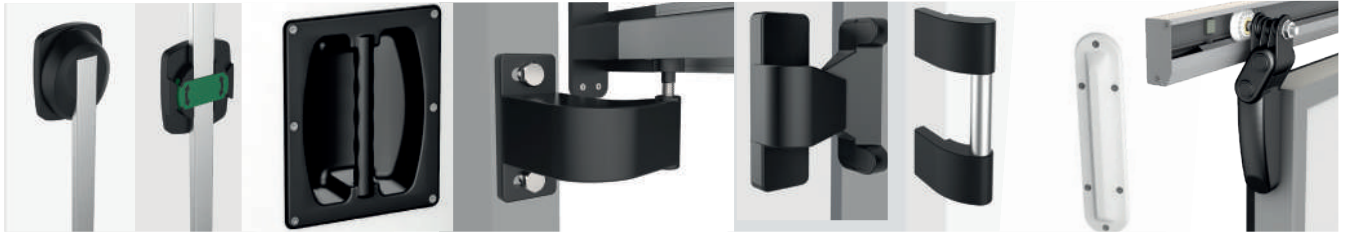
frame is only 3 parts, A metal tube Angle of 40 x 40 mm joined with another stainless-steel tube (20 x 40 mm) Both are connected to the frame at the bottom and recessed into the concrete floor.

A heating cable 20 or 30 w/m powered at 220 V. is inserted inside the upper stainless-steel tube which remains visible at the same floor level only for negative temperature.

Industrial Sliding Door

Sliding System

A- Manual Movement



Optional

- Lock
- SS kick Plate
- AL Kick Plate



B- Automatic Movement

- | | | | |
|------------------------|---------------------------------|---------------------------|-------------------------------|
| ● Control Panel | ● Three-Phase Gear Motor | ● Magnetic Encoder | ● Degree of Protection |
| power | power | Resolution 2048 | IP55 |
| 90/265 Vac 50-60 Hz | 220/380V-50Hz 550 Watt | pulses/revolution - IP64 | |



Model for single leaf

Model	Leaf Thickness	Temperature	Threshold	Rail passage
SI-100TN	100 mm	+2	S1/S2	–
SI-100BT	100 mm	-18	S3	–
SI-120BT	120 mm	-30	S3	–
SI-150BT	150 mm	-40	S3	–
SI-100TNG	100 mm	+2	S1/S2	Yes

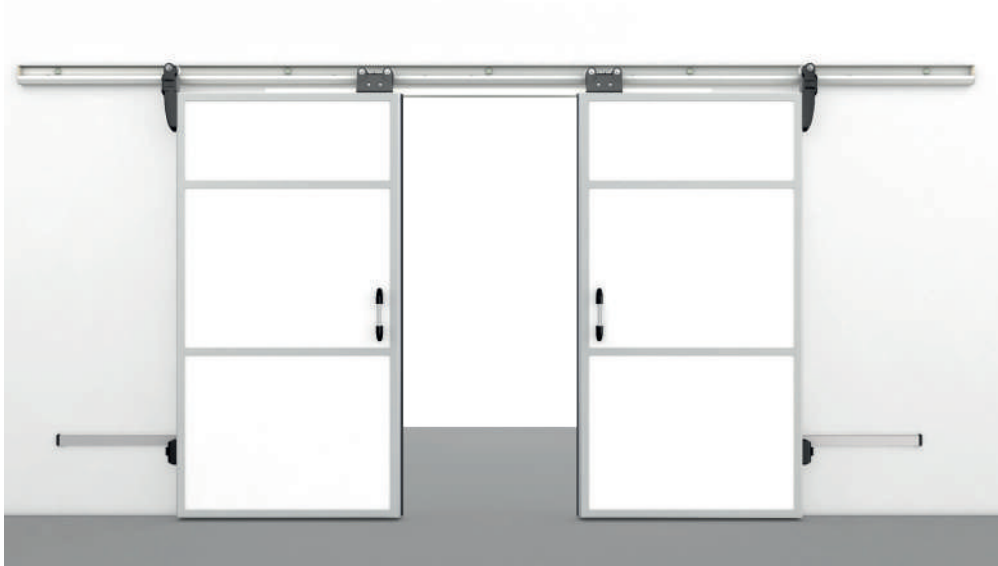
Industrial Sliding Door

4- Movement Type for double leaves

A-Manual (Independent opening of each leaf)

- Upper rail in Anodized aluminum supplied in detached pieces to allow fixing the falling ramps with the possibility of setting up the right or left opening.
- Adjustable patented brackets "FSS" (Flex System Support) in reinforced composite material, suitable for doors with different counter-frame thicknesses and without counter-frame.
- Wall Guide in anodized aluminum.
- Brackets in reinforced composite material and zinc-coated metal.
- Two pulleys made of composite plastic materials.
- Fixed external handle in composite plastic material with stainless steel 304 tube.
- Fixed deep internal handle in luminescent plastic material.
- Vertical and horizontal door leaf adjustment.

Model for double leaves



Model	Leaf Thickness	Temperature	Threshold
SD-100TN	100 mm	+5	S1/S2
SD-100BT	100 mm	-18	S3
SD-120BT	120 mm	-30	S3
SD-150BT	150 mm	-40	S3

Industrial Sliding Door

B-Mechanical Movement (simultaneous opening of both leaves)

- Belt pensioner tooth bracket.
- Rubber drive belt.
- Connection bracket door/belt

Model for double leaves



Model	Leaf Thickness	Temperature	Threshold
SD-100TNC	100 mm	+2	S1/S2
SD-100BTC	100 mm	-18	S3
SD-120BTC	120 mm	-30	S3
SD-150BTC	150 mm	-40	S3

Industrial Sliding Door



C-Automatic Movement (simultaneous opening of both leaves)

- Electronic control unit power supply 265/90V Single-phase.
- Full control with magnetic encoder.
- Obstacle detection in closing, with adjustable drive-torque.
- Adjustable opening and closing speed.
- Re-close pause timer adjustable from 1 to 60 seconds.
- Optional temperature controller and heater (for low temperature).
- Electric gear motor 380/220V50-Hz with magnetic encoder, supplied with assembling Kit.
- Belt pensioner tooth bracket.
- Rubber drive belt.
- Connection bracket door/belt.
- External flashing light.
- Control panel: Power 265/90 Vac 60-50 Hz.
- Three-phase gear motor: Power 380/220V50-Hz 550 Watt.
- Magnetic encoder: Resolution 2048 pulses/revolution - IP64.
- Degree of protection: IP55

SEMI-INSULATED SERVICE DOORS

SWING DOORS



SWING DOORS

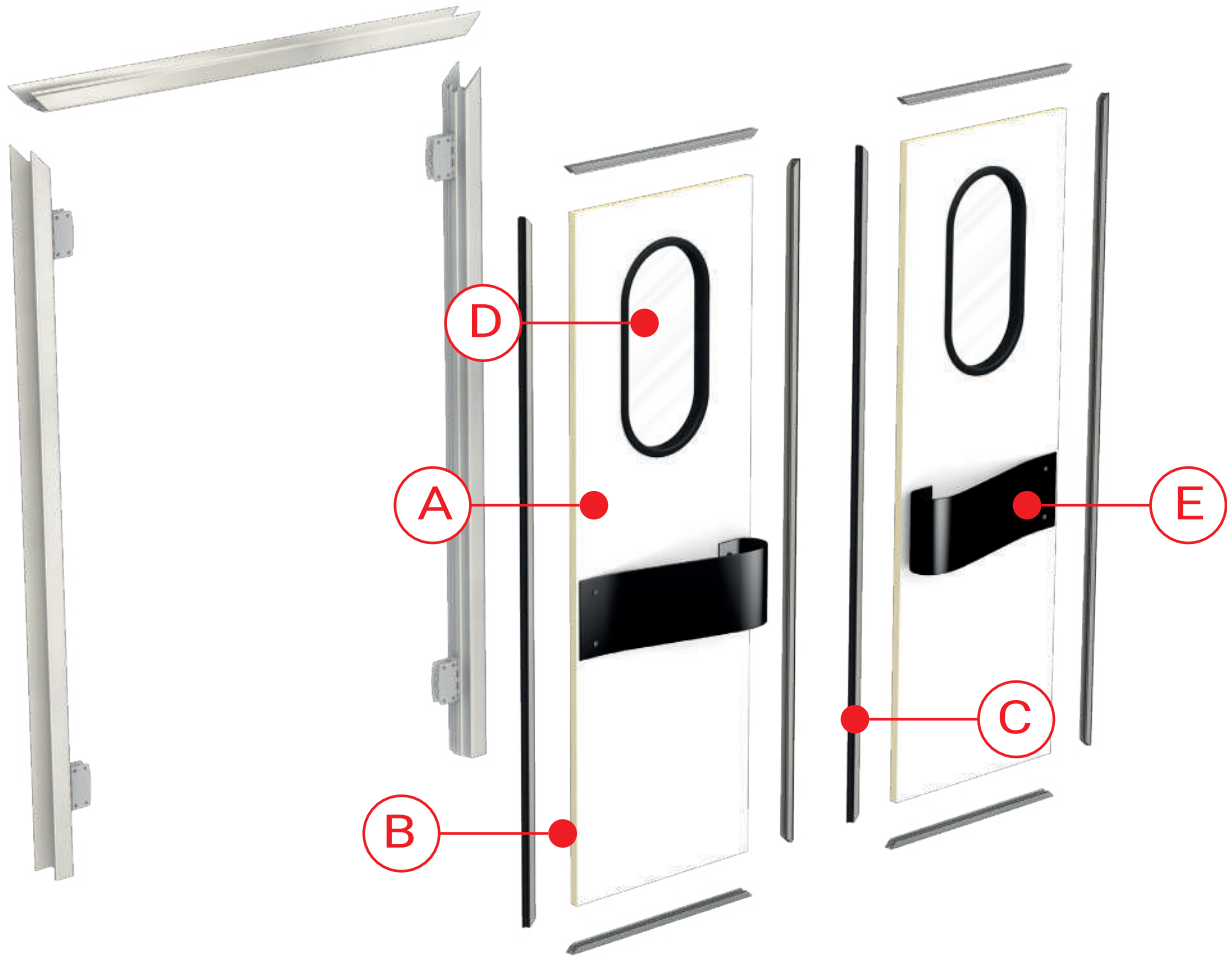
single & double leaves



Swing Door

Modular dimensions

- WIDTH up to 1200 mm for single-leaf door.
- WIDTH up to 2400 mm for double-leaf door.
- HEIGHT up to 2500 mm for both single and double leaf door.
- Thickness 40 mm.



1-Door Leaf

- A- Cladding pre-painted hot dip-galvanized steel sheets thickness 0.50mm RAL 9002 (Standard), surrounded by anodized aluminum profile thickness 40mm.
- B- Injected with Polyurethane rigid foam (PUR) density 40 Kg/ m3 (± 2 kg).
- C- Along the two jambs of the leaf insert a special EPDM rubber gasket.
- D- Oval Sight vision 300 x 700mm made of 5 mm polycarbonate sheet surrounded by a special rubber gasket.
- E- Polycarbonate thickness 4mm pumper fixed on both sides of the leaf.

Swing Door

2-Door Frame

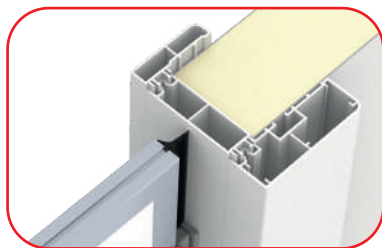
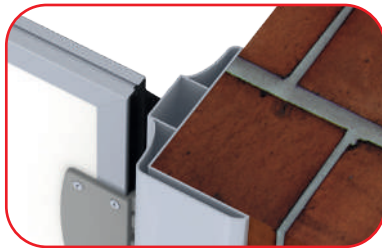
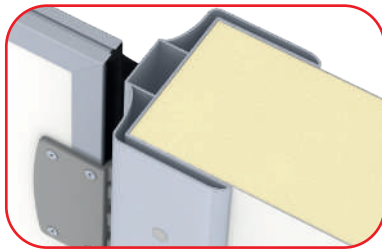
Two types of frames are used with swing doors

1-Extruded PVC profiles reinforced internally by steel, thermo-welded at (45o) delivered in 3 main parts.

2-Extruded Anodized Aluminum profiles.

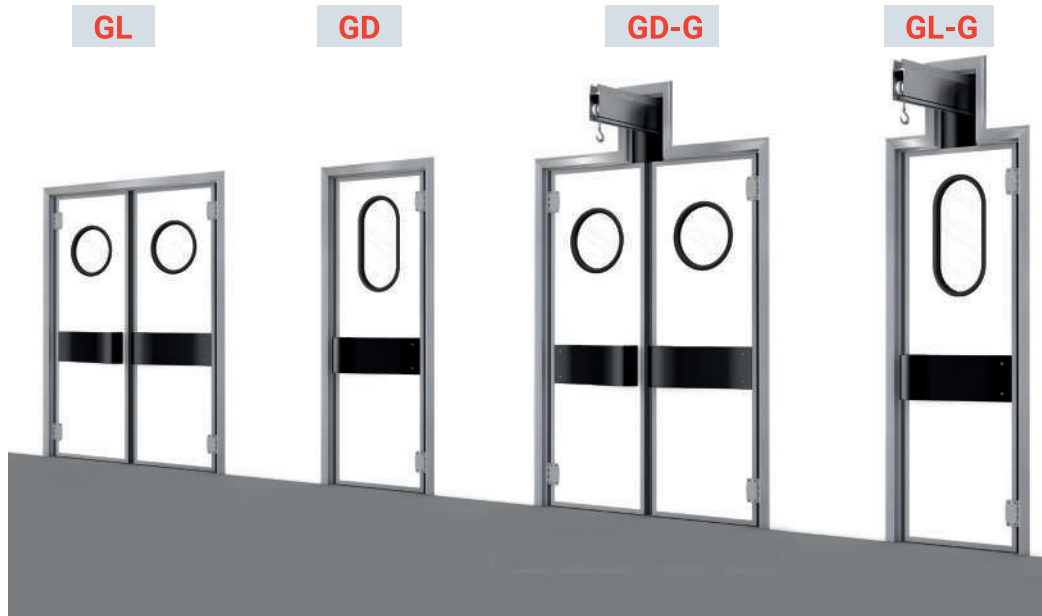
Inside meat processing plants with rail passages for meat a special opening for rail is done as follows:

- The opening size will be 200x 400 mm or as the customer requests.
- The opening will be surrounded by the P.V.C or aluminum frame.
- Two rubber seals will be fixed on the opening to let pass the Guideway.



Swing Door

Swing Doors Models



Model	Leaf Thickness	Temperature	Threshold	Rail passage	Single&Double
GL	40 mm	+12	S1	No	Single
GL-G	40 mm	+12	S1	Yes	Single
GD	40 mm	+12	S1	No	Double
GD-G	40 mm	+12	S1	Yes	Double

Optional



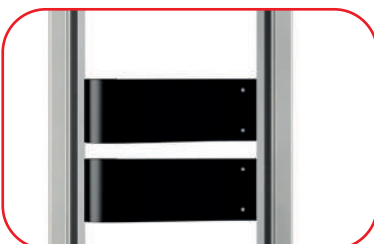
Rounded sight vision 350 x 350 mm



stainless steel pumper



stainless steel pumper



double pumper



350 mm stainless steel sheet protection.



Rail passages for meat

SEMI-INSULATED SERVICE DOORS

OFFICE DOORS



OFFICE DOORS

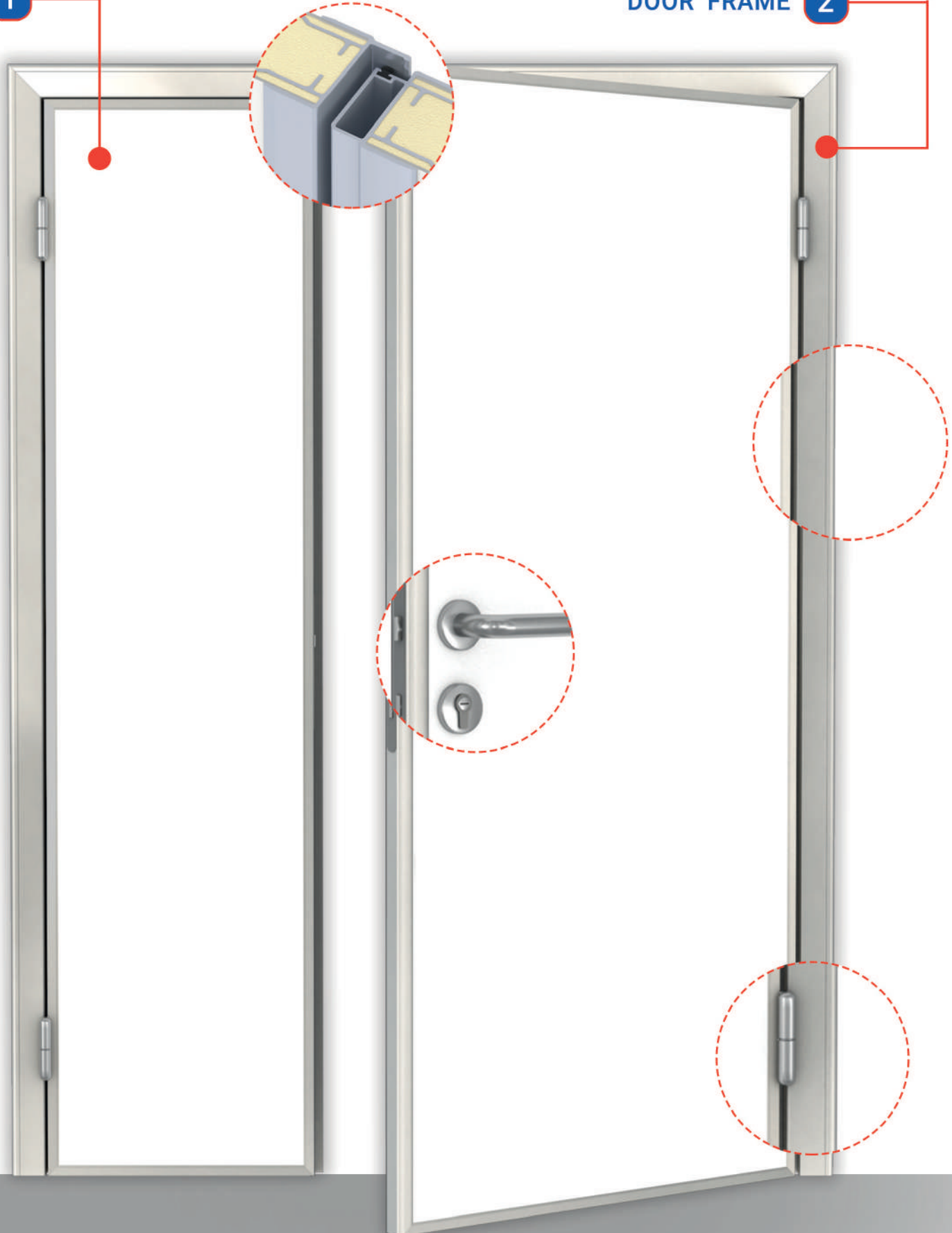
single & double leaves

DOOR
LEAF

1

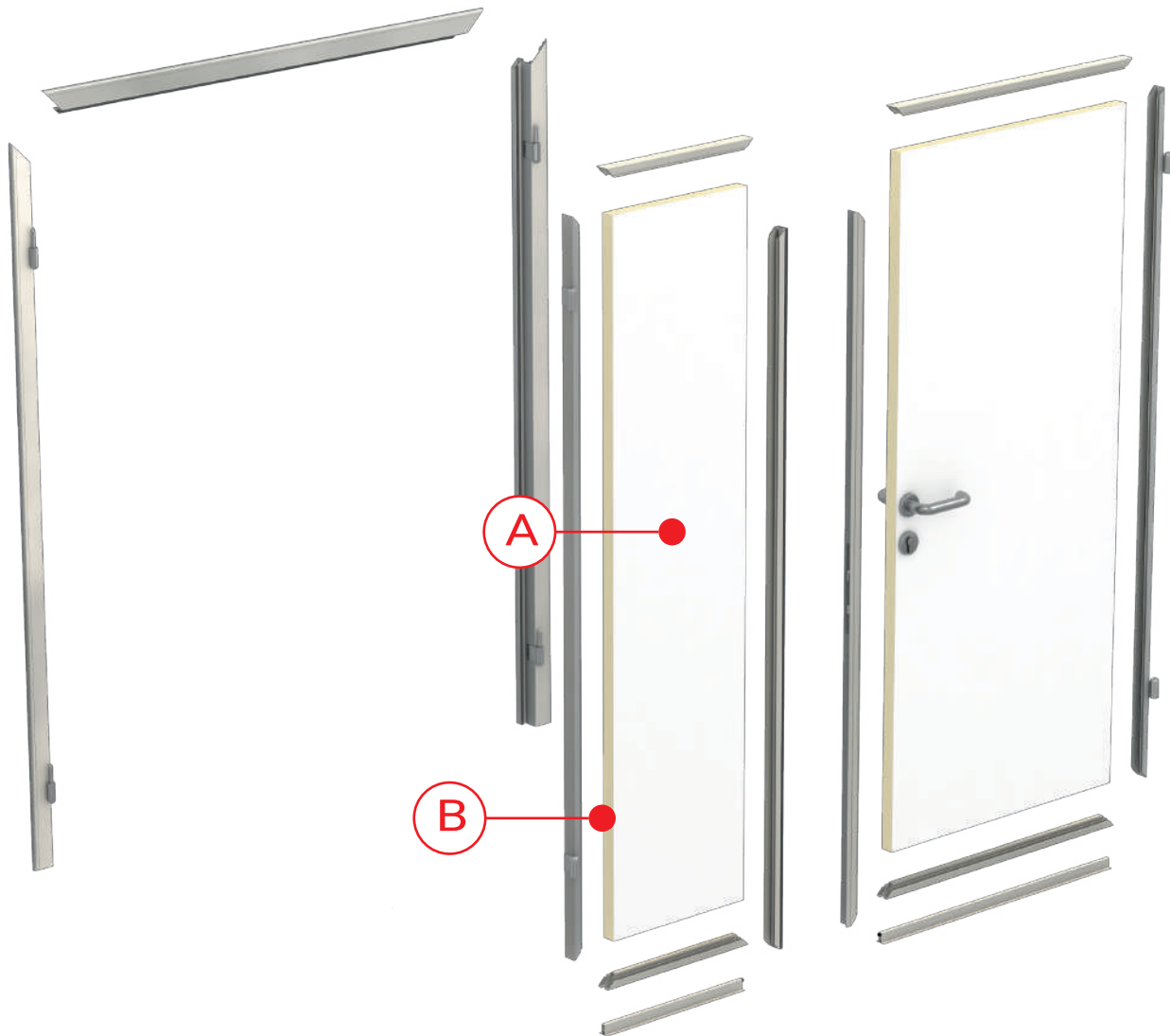
DOOR FRAME

2



Modular dimensions

- WIDTH up to 1200 mm for single-leaf door.
- WIDTH up to 2400 mm for double-leaf door.
- HEIGHT up to 2500 mm for both single and double leaf door.
- Thickness 40 mm.



1-Door Leaf

A- Cladding pre-painted hot dip-galvanized steel sheets thickness 0.50mm
RAL 9002 (Standard), surrounded by anodized aluminum profile
thickness 40mm.

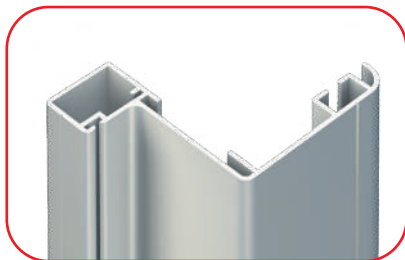
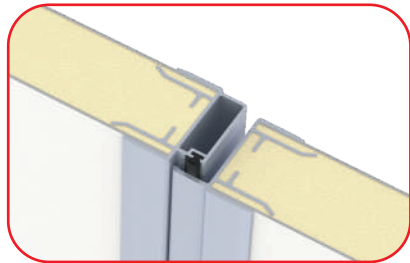
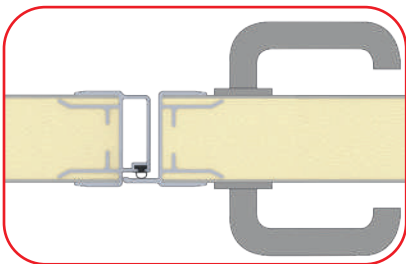
B- Injected with Polyurethane rigid foam (PUR) density 40 Kg/ m³ (±2 kg).

2-Door Frame

The frame is made up of Extruded Anodized Aluminum profiles fixed on brick wall L shapes or sandwich panels thicknesses up to 150 mm.

1-Outside (Z) shape with invisible fastening along the two jambs.

2-Inside (L) mirrored with the outside with invisible fastening.



Office Door

Office Doors Models

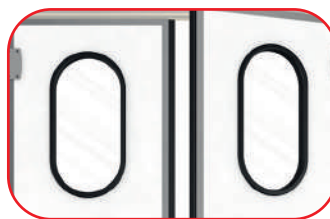


Model	Leaf Thickness	Temperature	Threshold	No.of leaves
CL	40 mm	+12	S1	Single
CD	40 mm	+12	S1	Double

Optional



Protection at the bottom of the leaf (interior & exterior)



Oval Sight vision 300 x 700mm made of 4 mm polycarbonate sheet surrounded by a special rubber gasket allows fixing into the leaf



Rounded sight vision 350 x 350 mm



Stainless steel cladding 304 or 316

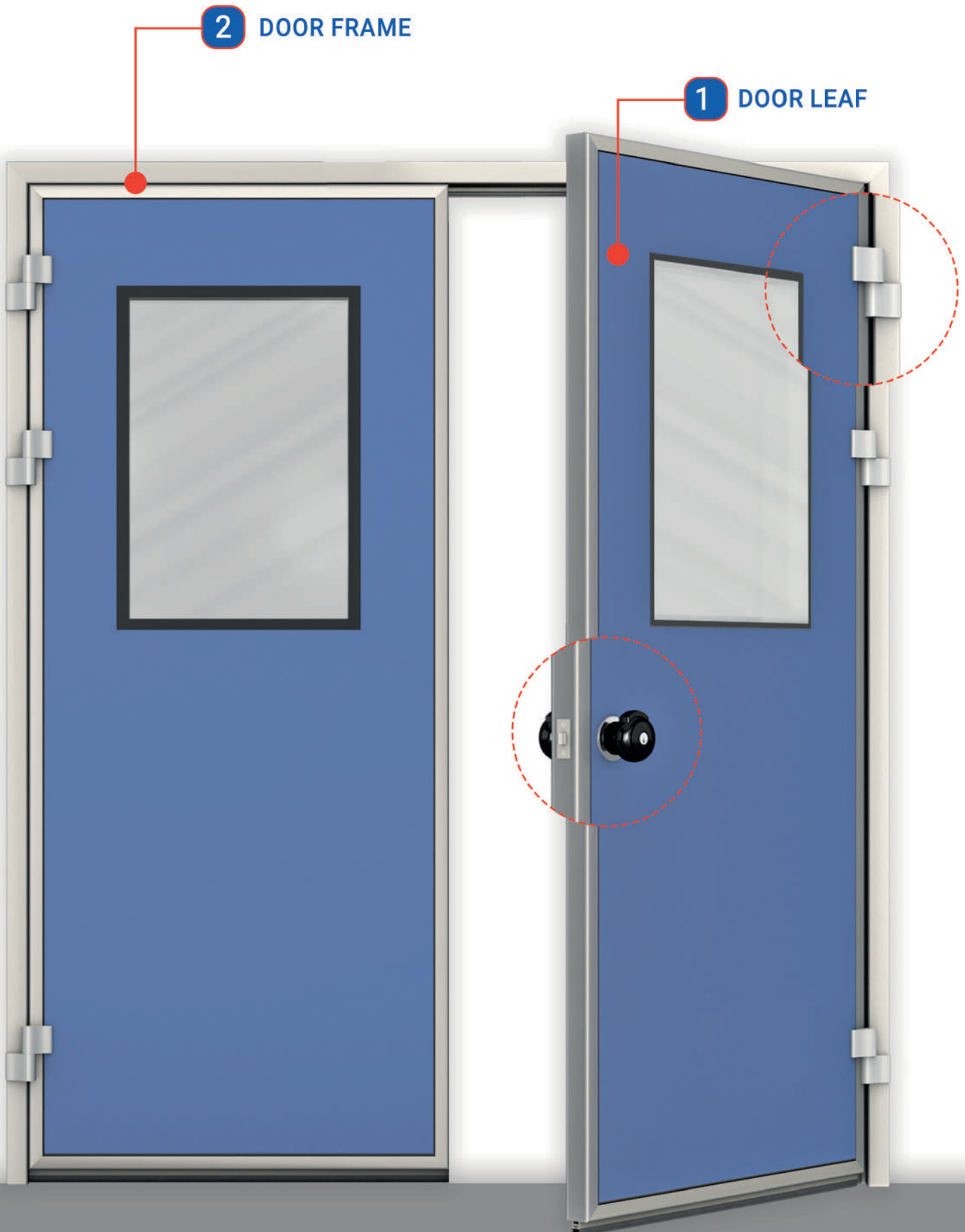


Automatic door closer

CLEAN ROOM DOORS



CLEAN ROOM DOORS



Clean Room Door

Designed to comply with the special requirements established by GPM guidelines for sterile environments.

Advantages and Characteristics

- Non-corrosive and non-flammable materials
Chemical resistance.
- Easy to clean.
- Flush door with 50 mm clean room panels.
- Can be fixed on cleanroom partitions, Sandwich panels, and Brick walls.
- Long life expectancy

Modular dimensions

- WIDTH up to 1200 mm for single-leaf door
- WIDTH up to 2400 mm for double leaves door
- FIXED leaf size not less than 400 mm.
- HEIGHT up to 3000 mm
- THICKNESS 50 mm

Optional accessories:



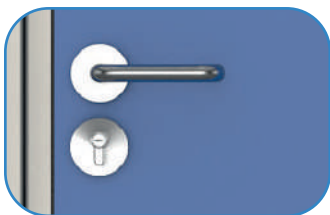
Stainless steel 304 or 2 316B for both internal and external leaf cladding



Panic handle



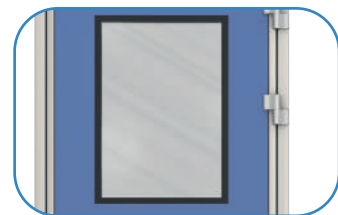
Automatic or manual door closer



Stainless steel handles with key lock

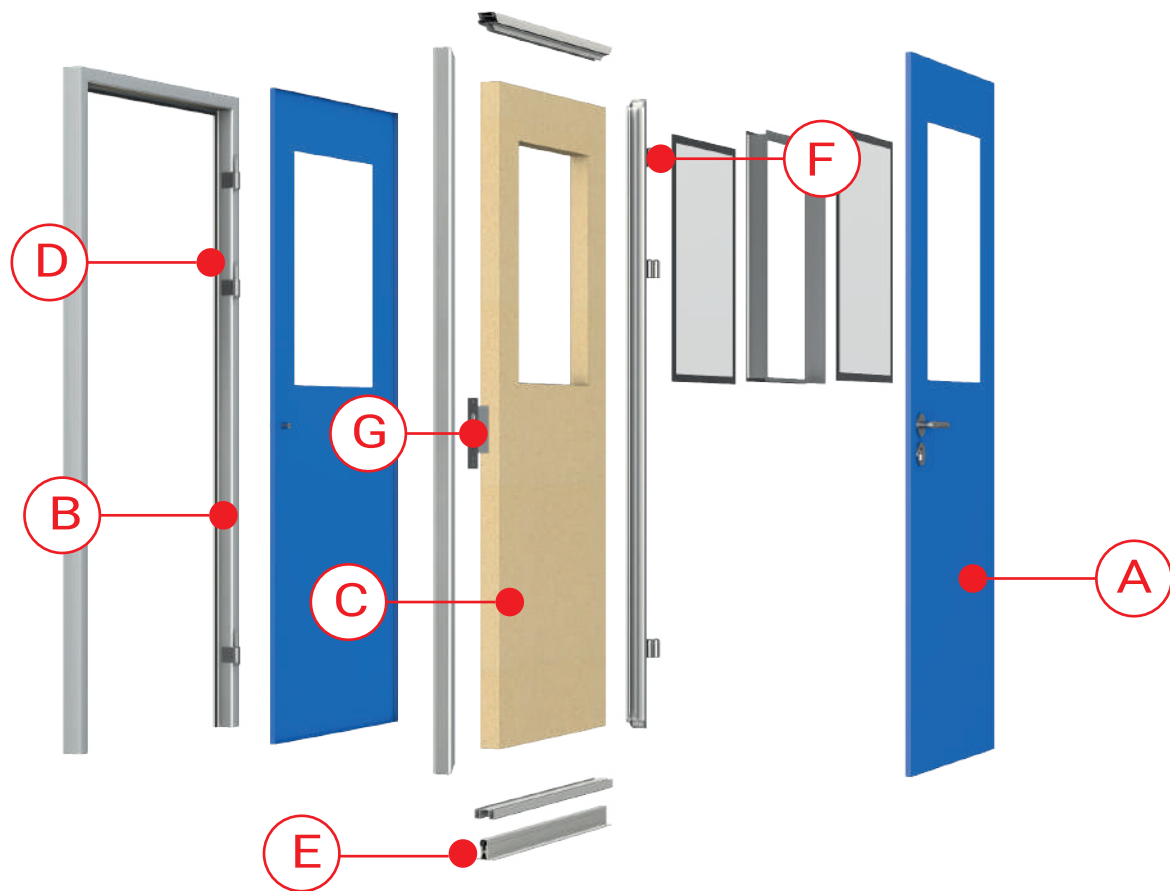


Interlocking system



Glass window 400 x 600 mm thickness 50 mm injected with hydrogen gas for thermal break.

Clean Room Door



1-Door Leaf

A-Both sides are made up of pre-painted hot dip-galvanized steel sheets thickness 0.50 mm RAL 9002 (Standard).

B-Surrounded by a high anodized aluminum profile thickness 50 mm.

C-Injected with Polyurethane rigid foam (PUR) density 40 Kg/ m³ (±2 kg) or rock wall 100 kg/m³.

D-Inserted in both columns and the ransom special EPDM rubber gasket for perfect sealing.

E- Drop seal at the bottom of the leaf.

F- Aluminum flush hinge.

G-Aluminum knob or handle with key lock.

2-Door Frame

- An anodized profile thickness 50 mm can be fixed on 50 mm panels or brick walls.

RAL COLORS

RAL 9002
standard color

grey white

RAL 9006
white aluminum

RAL 9010
white

RAL 5010
gentian blue

RAL 5012
light blue

RAL 6032
signal green

RAL 1021
colza yellow

RAL 1014
ivory

RAL 3000
flame red

RAL 2004
pure orange

Factory & Warehouse

📍 Plot No. 194 Extension of Sixth to Industrial Zone, 6th of October City, Giza, Egypt.

☎ (+202) 383 182 21

✉ cs@italdoor.org

🌐 www.italdoor.org