



SHD[®]

— I T A L I A —

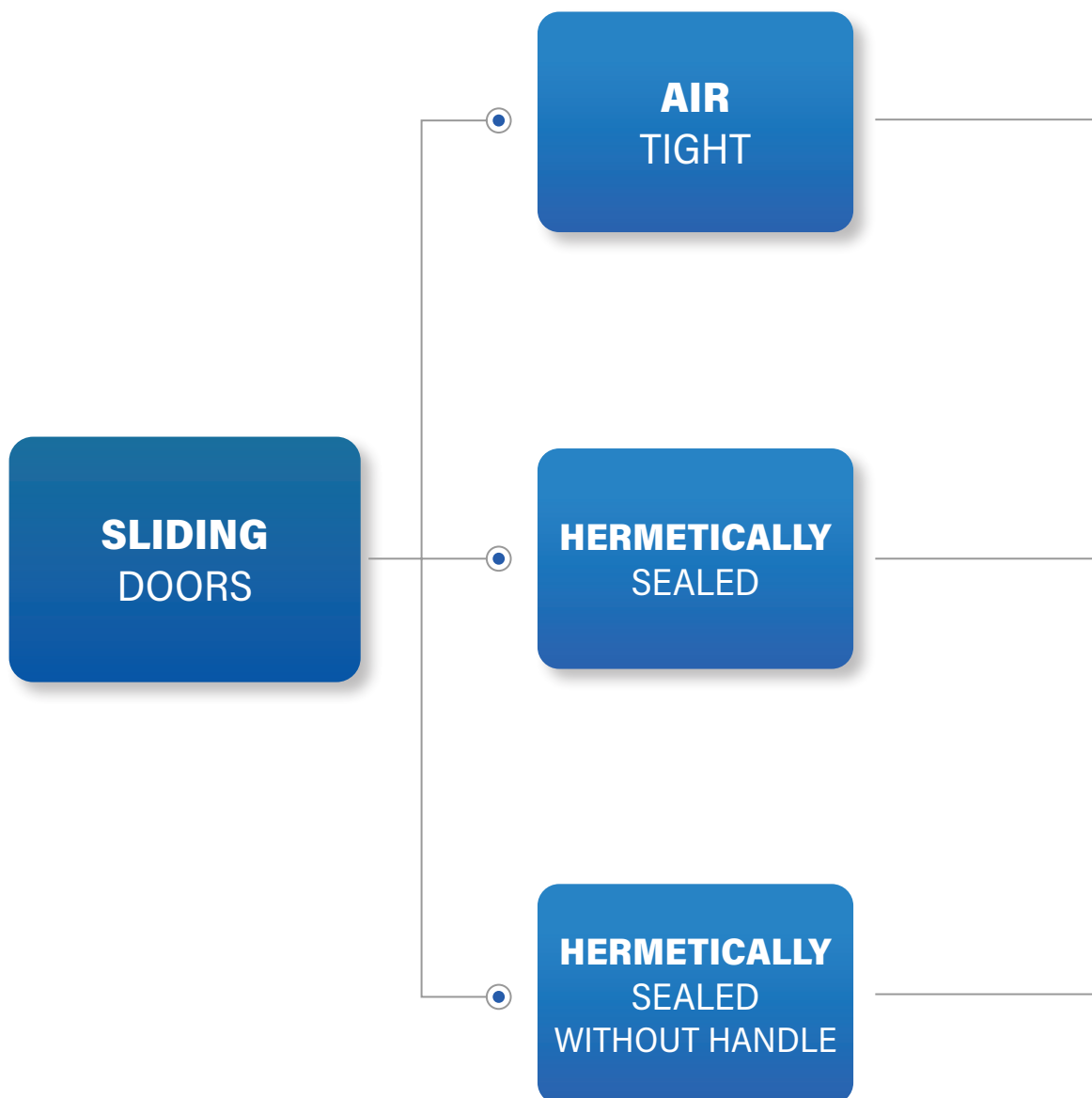
ENGINEERING TECHNOLOGIES EQUIPMENT SUPPLIES

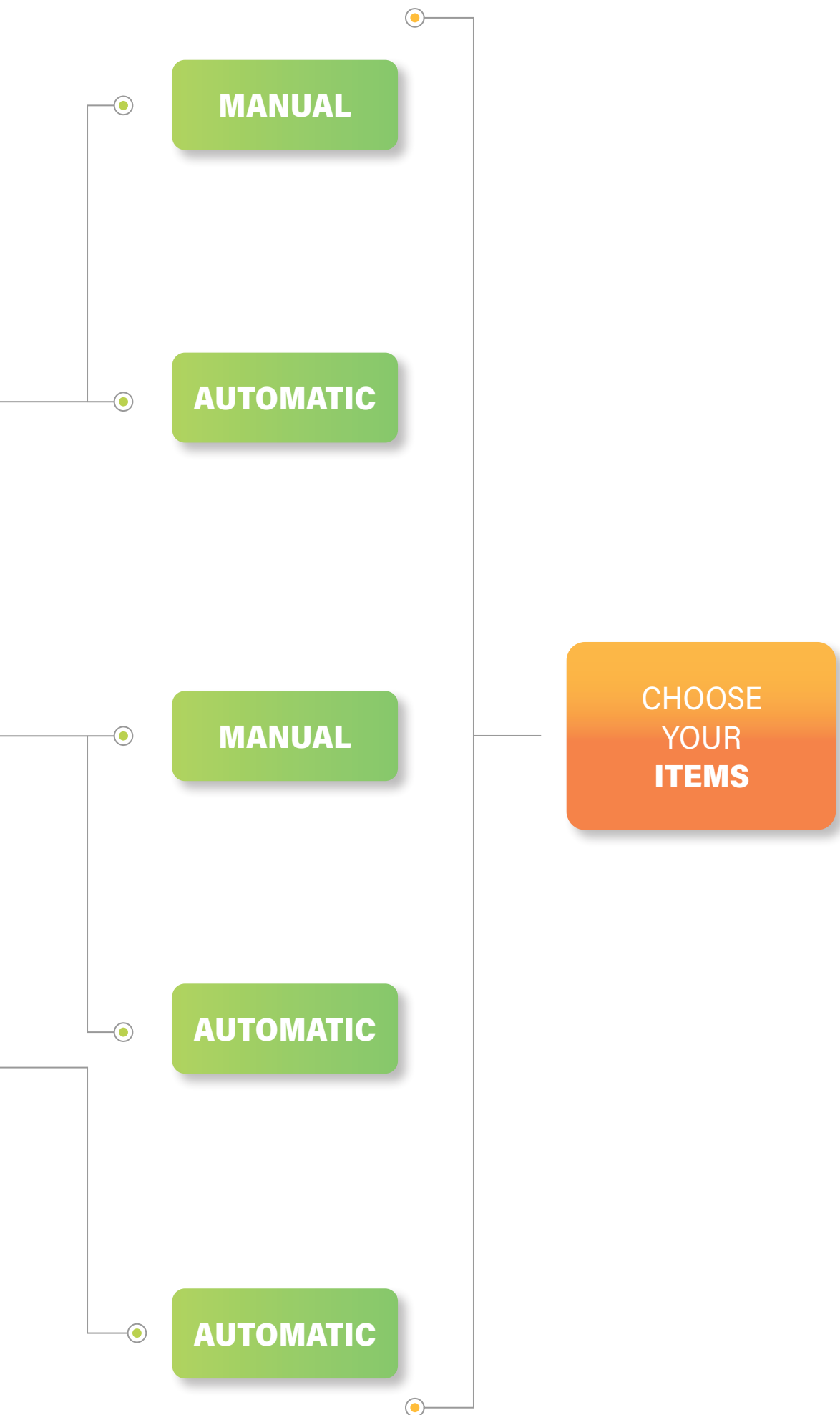
SLIDING DOORS

GUIDE TO SHD HEALTHCARE SLIDING DOOR

The HOSPITAL range by SHD ITALIA is designed to enable designers and contractors to meet the different requirements of their customers with a product featuring an elegant design that allows an extreme customization, while maintaining an excellent quality/price ratio.

The modularity of the different components allows an infinite range of solutions to meet the most stringent international regulations relative to automations for controlled access, laboratories, operating theatres, radiology rooms and public spaces.





ICONS

DOOR



SLIDING DOOR
1-LEAF



SLIDING DOOR
2-LEAVES

SOLUTION



Air tight
(Semi-Hermetic)



Hermetically
sealed

OPERATOR



Automatic door



Manual door

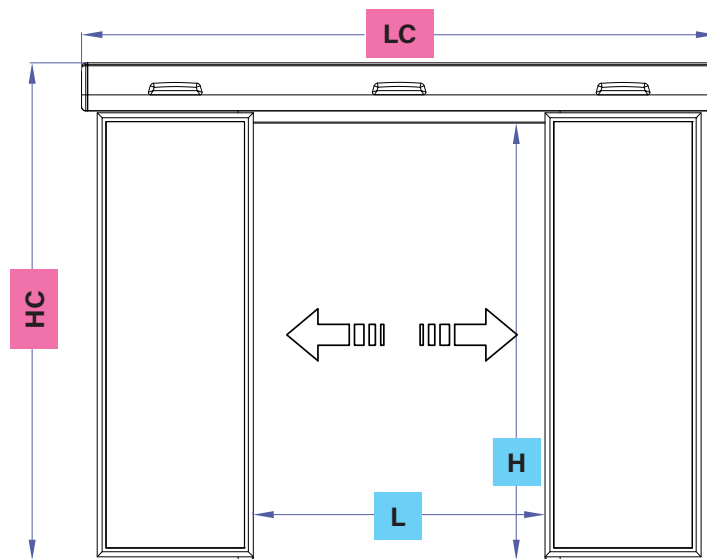
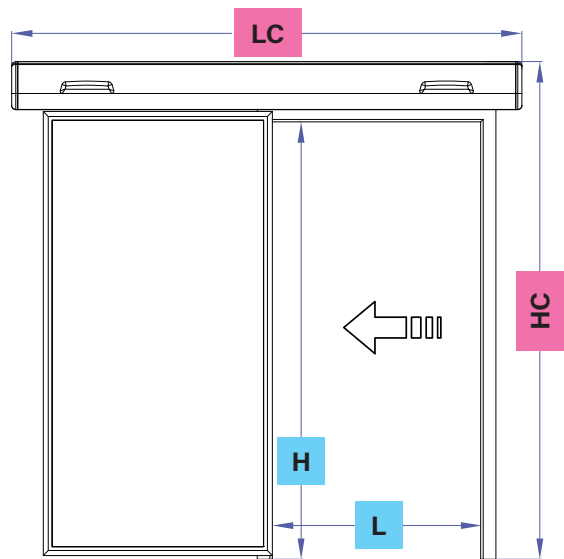
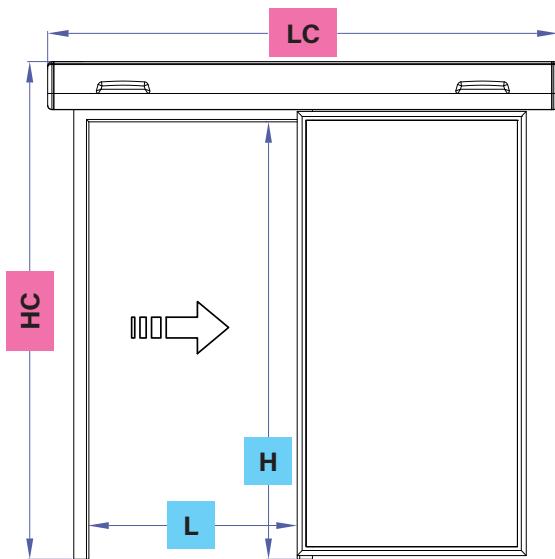
LEAD



X-Ray
PROTECTION

OPENING DIRECTION

STANDARD DIMENSIONING



DIMENSIONAL PARAMETERS	
L	WIDTH - CLEAR OPENING
H	HEIGHT - CLEAR OPENING
LC	WIDTH - CANOPY
HC	HEIGHT - CANOPY

DESCRIPTION

Lindo door manufactured in a UNI EN ISO 9001 certified regime, for use in controlled bacteria environments; the door can be installed in conventional masonry walls or prefabricated self-loading systems.

LINING

SIMPLE FRAME - STANDARD

Frame made of extruded aluminium elements shaped with wide radius curves. The simple frame profile, which covers just one side of the existing wall, is equipped with a specific cavity used for fixing purposes. That cavity is closed by means of a cover gasket that is completely coplanar with the frame profile. The profiles can be finishing in anodized aluminium or painted with durable thermosetting epoxy powder finish in colours from the RAL chart. Surcharge for the double application (on both sides of the wall).

COMPLETE FRAME - ALUMINIUM *

Telescopic linings on three sides, made in two parts, the frame profile and the subframe profile, made of extruded aluminium elements shaped with wide radius curves. The frame profile is equipped internally with specific cavities designed to accommodate the friction gasket that joins it to the subframe profile. In addition, the frame profile is equipped with a specific cavity used for fixing purposes. The foregoing cavity is closed by means of a cover gasket that is completely coplanar with the frame profile. The profiles can be finishing in anodized aluminium or painted with durable thermosetting epoxy powder finish in colours from the RAL chart.

COMPLETE FRAME - STAINLESS STEEL *

Telescopic linings on three sides, made in two parts, the frame profile and the subframe profile, made of stainless steel elements shaped with wide radius curves. The frame profile is equipped internally with specific cavities designed to accommodate the friction gasket that joins it to the subframe profile. The profiles are Scotch Brite finishing or painted with durable thermosetting epoxy powder finish in colours from the RAL chart.

LEAF

The door leaf, 50mm thick, is made of extruded aluminium profiles shaped with wide radius curves. The top profile of the door leaf is made with a special cross section that allows the direct application of the hanger kit without having to fill an adapter profile. A special extruded non-toxic silicone sealing gasket, offering a high level of resistance to the chemical reaction of disinfectants used in the healthcare field, is mounted in a specific groove on the vertical profiles and top profile of the door leaf, on the frame profile side. A special dual component lower sealing gasket with lip facing the frame profile side is fitted in a specific groove on the bottom profile of the door leaf. The leaf profiles can be finished in anodized aluminium or painted with durable thermosetting epoxy powder finish in colours from the RAL chart. Equipped with hermetic handle.

* OPTIONAL ARTICLE

DESCRIPTION

FINISHING AVAILABLE

Solid door leaf panels are available in various materials:

- **HPL - HIGH PRESSURE LAMINATE** with a thickness of 0.9 mm. The panel is sandwiched with a perimeter frame, an internal core of extruded or expanded polystyrene, and external sides in HPL. The panel has a fire reaction of class B-s2-d0. It is extremely rigid and offers a high level of acoustic and thermal insulation. Available in colours specifically created for the healthcare sector.
- **STAINLESS STEEL** with a sheet thickness of 0.8 mm. The panel is sandwiched with a perimeter frame, an internal core of extruded or expanded polystyrene, and external sides in stainless steel. The panel has a fire reaction of class 1. It is extremely rigid and offers a high level of acoustic and thermal insulation.
- **POWDER COATED STAINLESS STEEL** with a sheet thickness of 0.8 mm and paint thickness of 100 microns. The panel is sandwiched with a perimeter frame, an internal core of extruded or expanded polystyrene, and external sides in powder-coated stainless steel. The panel has a fire reaction of class 1. It is extremely rigid and offers a high level of acoustic and thermal insulation. Available in colours from the RAL chart.
- **ANTIBACTERIAL ASEPSI SOLID MINERAL SURFACE SMS®** sheet with a thickness of 3 mm. The panel is composed of a uniform blend of 1/3 acrylic resin (methyl methacrylate) and 2/3 natural mineral substances. This bacteriostatic, dense, and non-porous material is easy to clean and extremely hygienic. The panel is sandwiched with a perimeter frame, an internal core of extruded or expanded polystyrene, and cladding in Antibacterial Asepsi Solid Mineral Surface SMS®. It has a fire reaction of class B2 according to DIN 4102. The panel is extremely rigid and offers a high level of acoustic and thermal insulation. Available in colours specifically created for the healthcare sector.
- **TRANSPARENT** and/or **MILKY OPAL GLASS**. The leaf is composed of security natural float glass, 3+3 mm, with a cavity of 38 mm and another layer of security natural float glass, 3+3 mm. The panel has a fire reaction of class 3,4 NPD.

DESCRIPTION

HOUSING

Housing profile to protect and cover the sliding mechanism made of extruded aluminium shaped with a wide radius curve without live edges or protrusions, to ensure ease of cleaning. The housing profile features a groove designed to receive the masking gasket that allows the complete closure of the lower side in correspondence with top profile of the door leaf. The ends of the housing profile are fitted with end caps having an identical radius of curvature to the profile and performing a closing function. The housing profile allows easy maintenance that can be performed by a single operator thanks to a lever that makes it possible to hold it in the open position. The housing profile can be finished in anodized aluminium or painted with durable thermosetting epoxy powder finish in colours from the RAL or Pantone tables or with special colours to specifications chosen by Works Management.

SLIDING MECHANISM

Horizontal and vertical sliding movements are achieved by means of a beam profile made of heavy gauge extruded aluminium with anodised finish, prearranged for secure fixing both on masonry walls and on prefabricated self-loading systems. The beam profile is designed to carry two hangers per leaf, each of which having a single nylon wheel running on ball bearings. The two hanger wheels are designed to guarantee silent operation and distribute the weight of the door leaf over the full length of the beam. The hangers are positioned symmetrically to ensure balanced suspension of the weight of the door leaf. The hangers enable adjustment of the door leaf in both a horizontal direction towards the frame profile and in a vertical direction to make it possible to adapt to floor level differences. The beam profile features a groove designed to receive the masking gasket that allows complete closure of the underside in correspondence with the top profile of the door leaf. The interior of the beam profile is also prearranged to receive an anti-derailing profile made of extruded aluminium. The travel limit stops are made with a specific extruded aluminium profile and equipped with rubber buffers. Specific floor track made of Teflon coated steel.

- *Automation for sliding doors, complete with:*
- *Operating system transmission with antistatic drive belt reinforced with Kevlar beads*
- *230 V AC - 50/60 Hz power supply with short-circuit protection*
- *High-performance low-wear DC motor*
- *Status signalling and fault indicator LEDs*
- *Electronic controller*
- *Teach-in function with self-diagnostics and error recognition with evaluation of door leaf weight and sliding friction for adaptation of transmitted drive torque*
- *Automatic adaptation of pause time (door open) on the basis of traffic intensity*
- *Pause time for fully open door and for door with adjustable reduced opening dimension*
- *Independently adjustable opening and closing speeds*
- *Automatic limitation of closing torque to below 150 N*
- *Anti-crushing function with closing movement reversal and locking in open position*
- *Battery powered emergency opening or closing*
- *Back-up battery to open or close the door in the event of an electrical power outage, alarm, or fault.*

DESCRIPTION

CONTROLS AND SAFETY DEVICES

The door is equipped as standard with two large size elbow-operated push buttons, three radars, two positioned on the beam group and the other in the opposite room in order to ensure stopping the door in case of obstacle, back-up battery unit for emergency opening during power outages (the door stops in the open position in order to identify the presence of a fault in the electrical circuit) and a key selector.

The key selector has 6 settings:

- Monodirectional opening
- Permenant opening
- Standard function
- Partial opening
- Locked
- Manual opening

Optional equipment includes touch-type opening controls and magnetic badge reader.



According to UNI EN ISO 14021 minimum content of recycled aluminium: pre-consumer 29-35% / post-consumer 50-58%.

CERTIFICATIONS

**Machinery Directive 2006/42/CE and subsequent amendments and additions;
Low Voltage Directive 2014/35/UE and subsequent amendments and additions;
Community Directive of Electromagnetic Compatibility: 92/31/CEE d.lgs 4/12/92 n° 476
and subsequent amendments and additions;
Safety Directive in use: UNI EN 16005.***

* data valid for automatic doors only

Class C certification of air permeability according to UNI EN 12207: 2017; harmonized
UNI EN 14351-2: 2018. Noise reduction according to UNI EN ISO 10140-2: 2010 equal to
33 dB.**

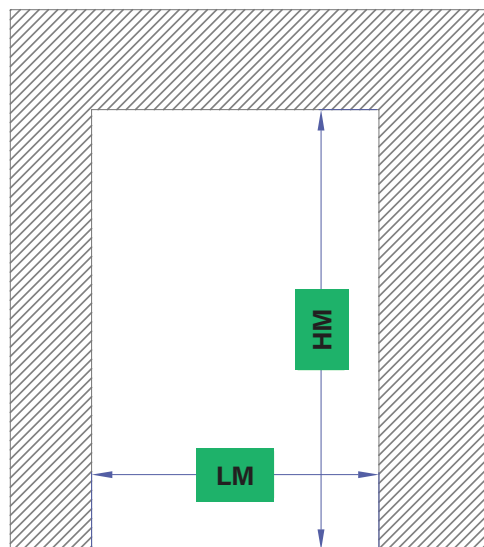
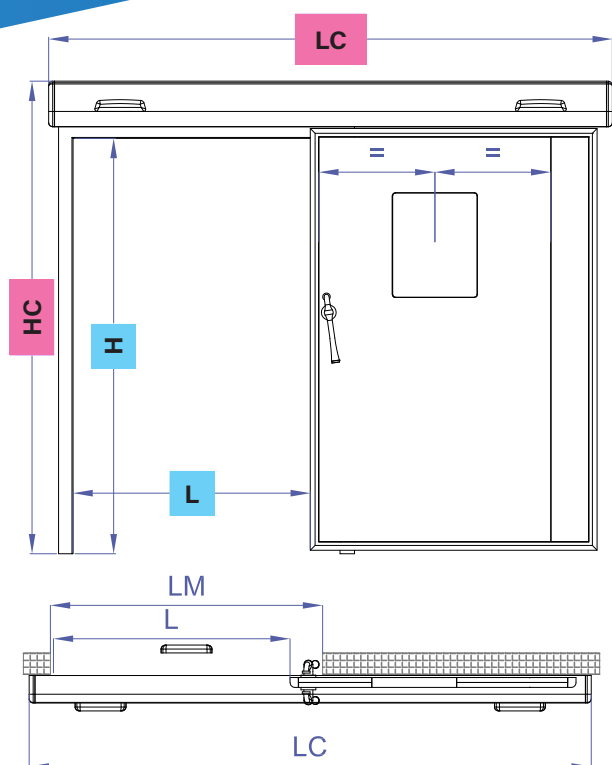
DOCUMENTS ISSUED:

- USER AND MAINTENANCE MANUAL
- CE DECLARATION

** data valid for hermetically sealed doors only

SLIDING DOORS

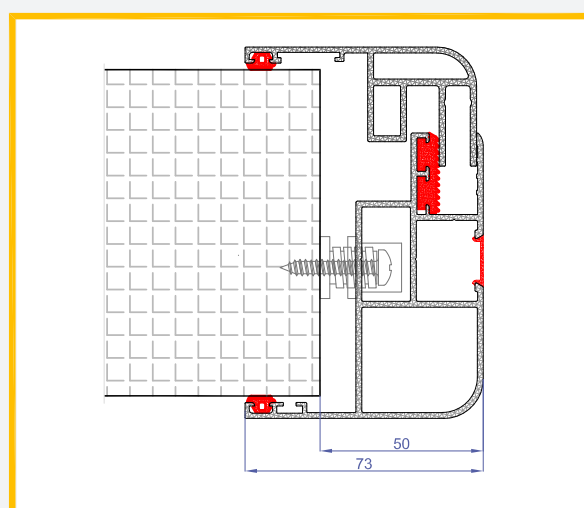
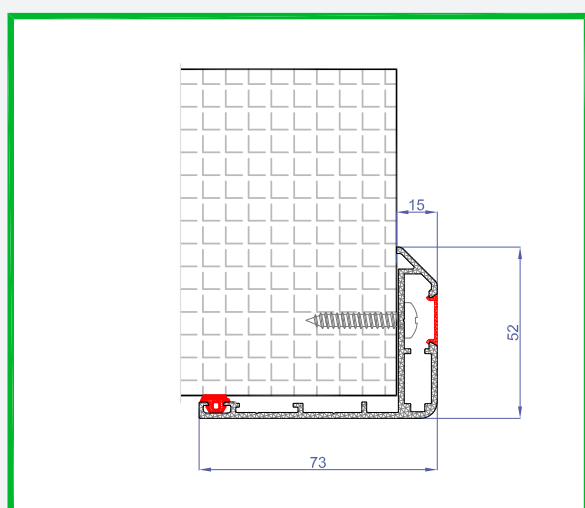
TECHNICAL INFORMATION



The range is designed to enable designers and contractors to meet the different requirements of their customers with a product featuring an elegant design.

DIMENSIONAL PARAMETERS

L	WIDTH - CLEAR OPENING
H	HEIGHT - CLEAR OPENING
LM	WIDTH - WALL CUT OUT
HM	HEIGHT - WALL CUT OUT
LC	WIDTH - CANOPY
HC	HEIGHT - CANOPY

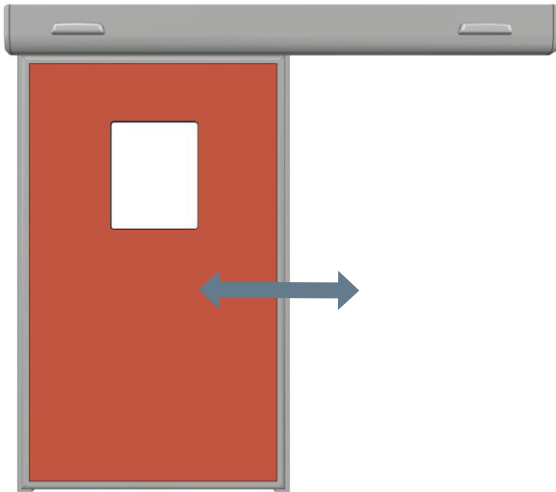


DIMENSIONS CLEAR OPENING		SIMPLE FRAME Aluminium		COMPLETE FRAME Aluminium - Stainless Steel		CANOPY Aluminium	
L mm	H mm	LM mm	HM mm	LM mm	HM mm	LC mm	HC mm

SLIDING DOORS

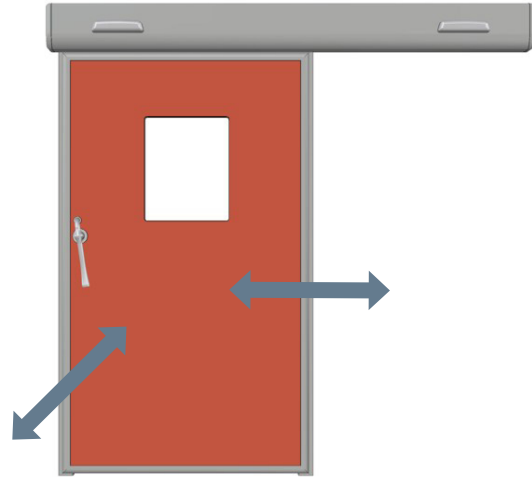
TECHNICAL INFORMATION

AIR TIGHT (SEMI-HERMETIC)

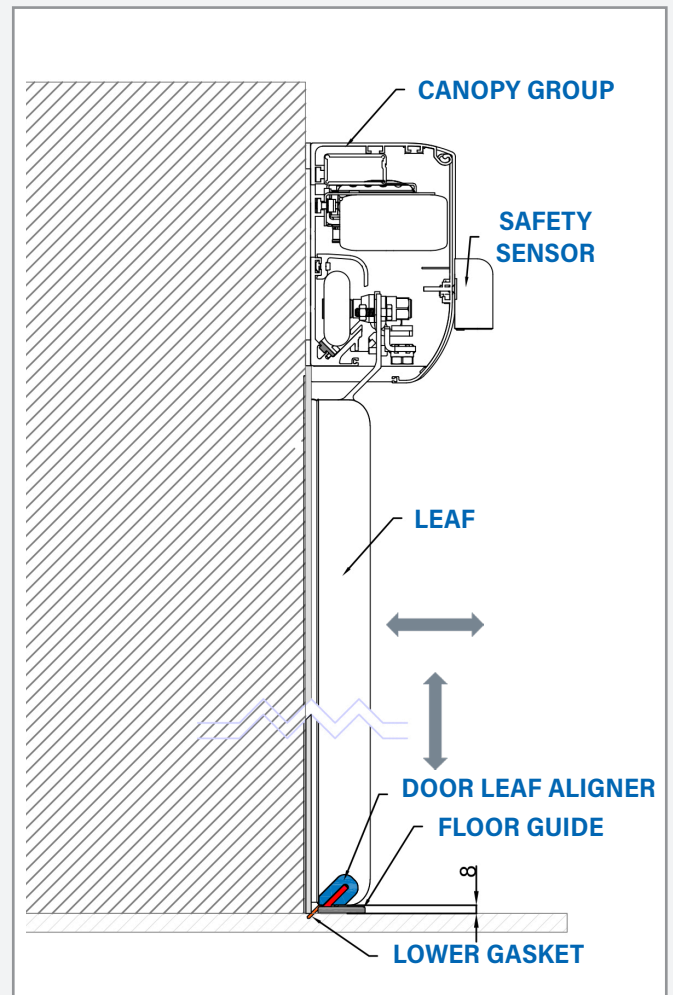
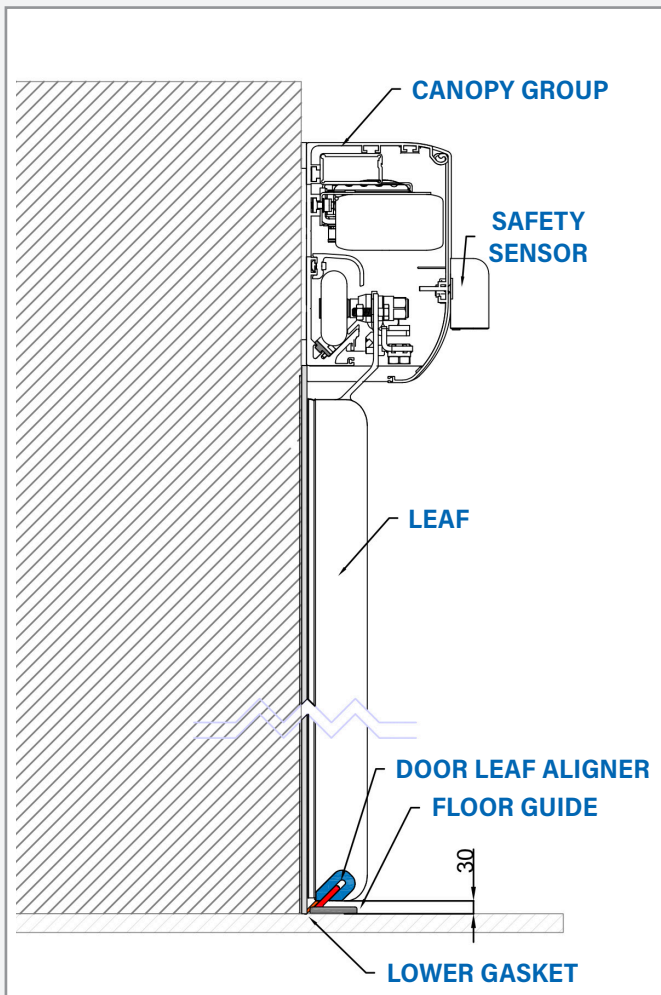


The leaf slides parallel with the frame with a horizontal movement only

HERMETICALLY SEALED



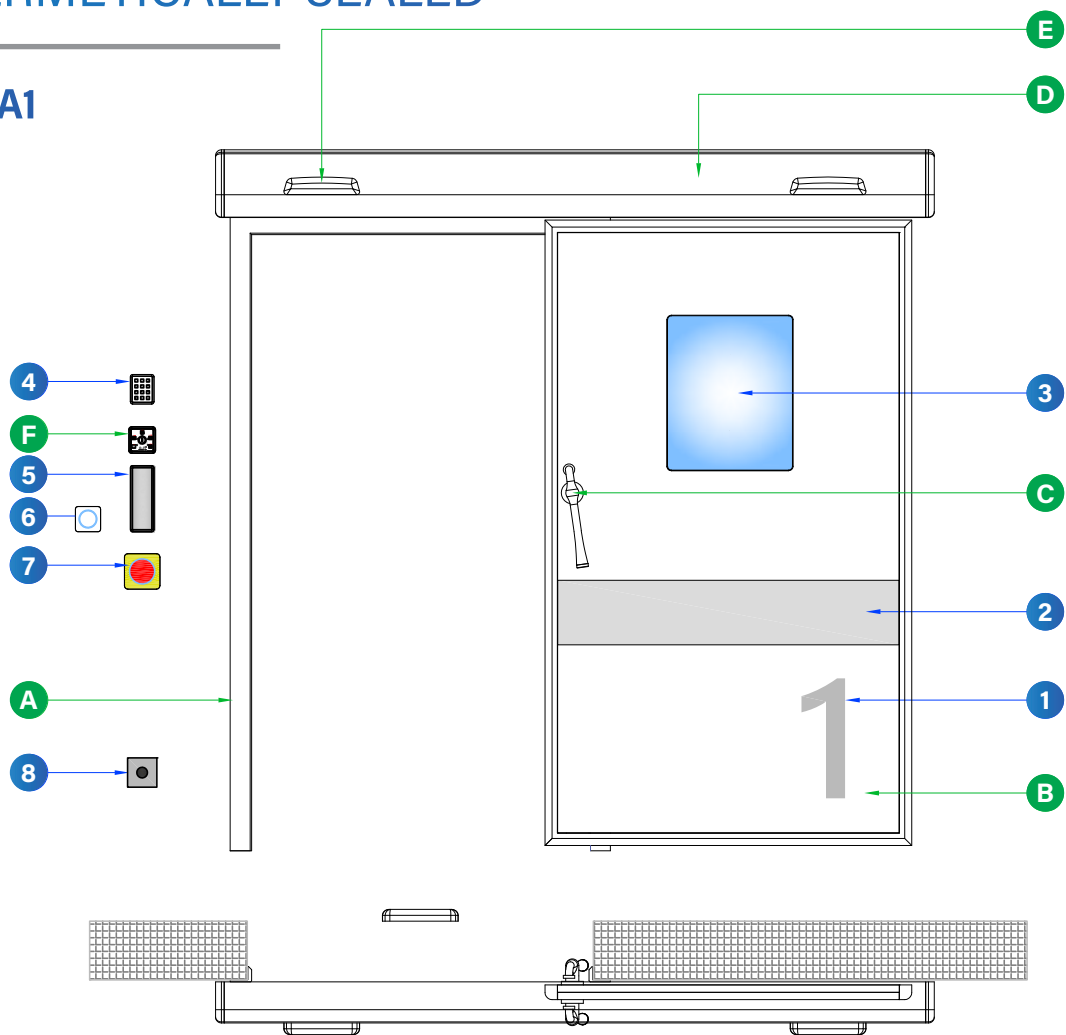
The leaf slides parallel with the frame, in the closing phase it slides downwards and towards the frame carrying out 3 movements in total.



AUTOMATIC SLIDING DOOR

1-LEAF HERMETICALLY SEALED

code: **PS.TE.A1**



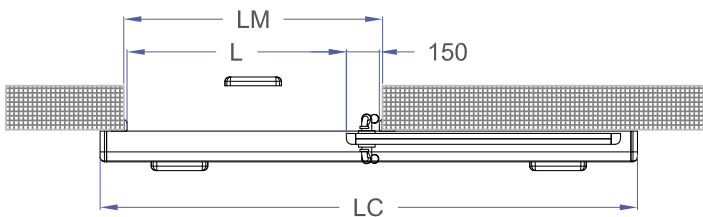
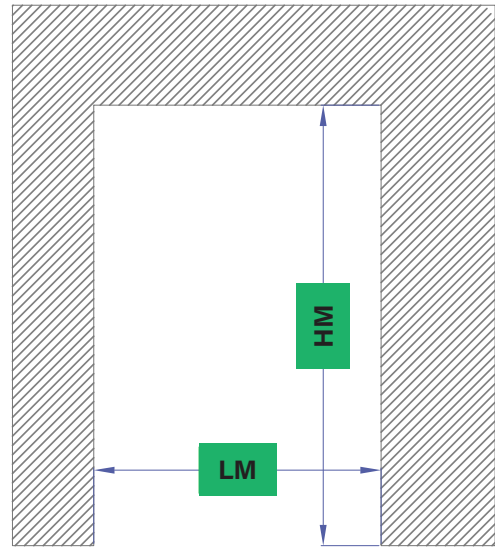
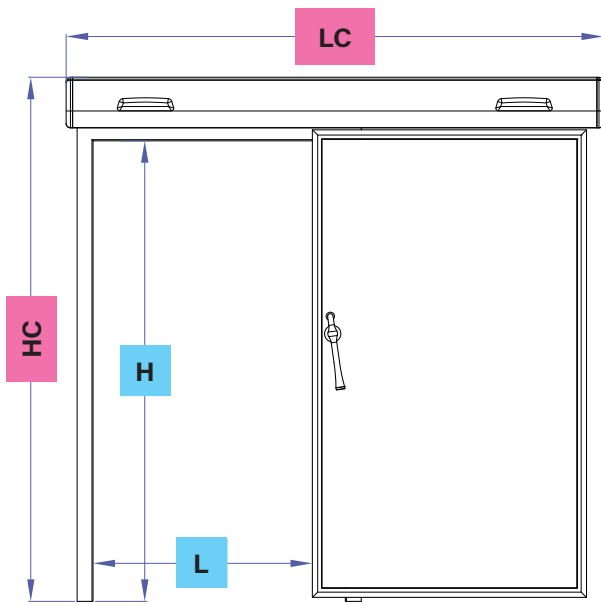
FEATURES:



STANDARD	
Reference	Description
A	SIMPLE FRAME
B	LEAF
C	LEVER ALUMINIUM HANDLE
D	CANOPY
E	INFRARED SENSORS
F	KEY SELECTOR

OPTIONAL	
Reference	Description
1	NUMBER / LETTER STICKER
2	TROLLEY CRASH RAIL
3	VIEWING WINDOW
4	NUMERIC KEYPAD / BADGE READER
5	ELBOW SWITCH
6	CONTACTLESS SENSOR
7	EMERGENCY BUTTON
8	FOOT SWITCH

DIMENSIONAL PARAMETERS



DIMENSIONAL PARAMETERS	
L	WIDTH - CLEAR OPENING
H	HEIGHT - CLEAR OPENING
LM	WIDTH - WALL CUT OUT
HM	HEIGHT - WALL CUT OUT
LC	WIDTH - CANOPY
HC	HEIGHT - CANOPY

DIMENSIONS CLEAR OPENING		SIMPLE FRAME Aluminium		COMPLETE FRAME Aluminium - Stainless Steel		CANOPY Aluminium	
L	H	LM	HM	LM	HM	LC	HC
800	2100	980	2115	1050	2150	2050	2390
900	2100	1080	2115	1150	2150	2250	2390
1000	2100	1180	2115	1250	2150	2450	2390
1100	2100	1280	2115	1350	2150	2650	2390
1200	2100	1380	2115	1450	2150	2850	2390
1300	2100	1480	2115	1550	2150	3050	2390
1400	2100	1580	2115	1650	2150	3250	2390
1500	2100	1680	2115	1750	2150	3450	2390
1600	2100	1780	2115	1850	2150	3650	2390
1700	2100	1880	2115	1950	2150	3850	2390
1800	2100	1980	2115	2050	2150	4050	2390
1900	2100	2080	2115	2150	2150	4250	2390
2000	2100	2180	2115	2250	2150	4450	2390

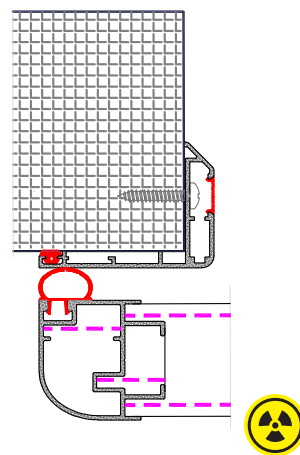
X-Ray

LEAF PROTECTION

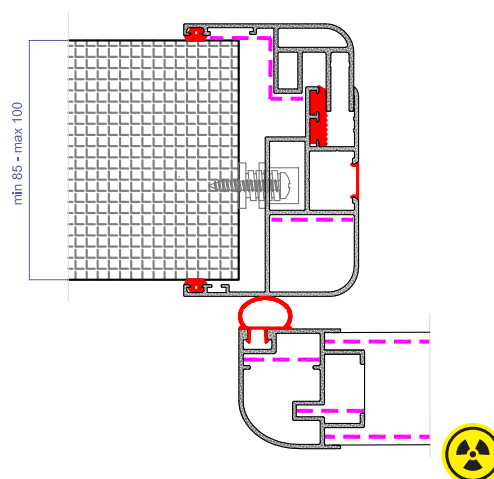


X-Ray PROTECTION
DONE BY SHD ITALIA

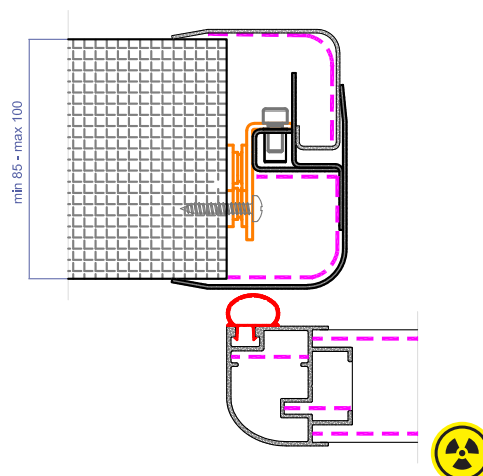
SIMPLE FRAME



COMPLETE FRAME IN ALUMINIUM



COMPLETE FRAME IN STAINLESS STEEL

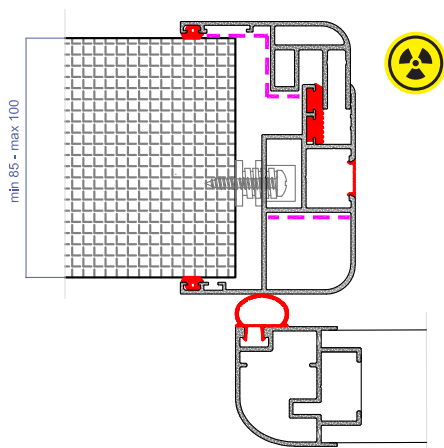


X-Ray

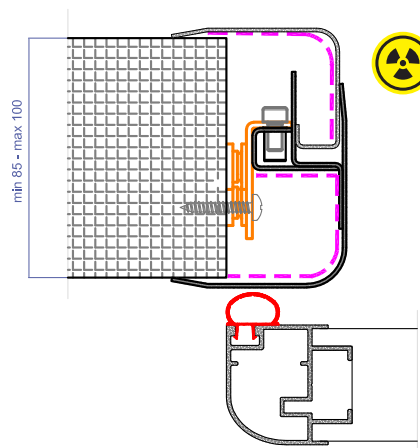
FRAME PROTECTION



X-Ray PROTECTION
DONE BY SHD ITALIA

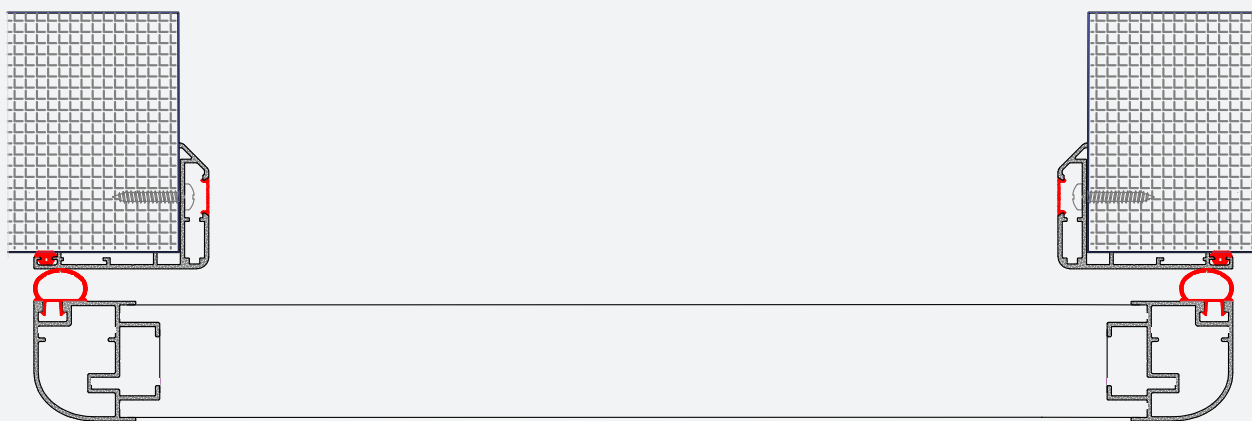


**COMPLETE FRAME
IN ALUMINIUM**



**COMPLETE FRAME
IN STAINLESS STEEL**

SIMPLE FRAME IN ALUMINIUM



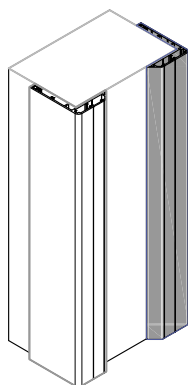
NOTE:

Wall shoulders and simple frame lead lining is not included in SHD offering.

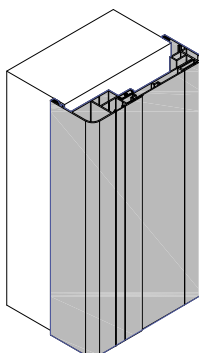
OPTIONAL ITEMS

TYPES OF LININGS

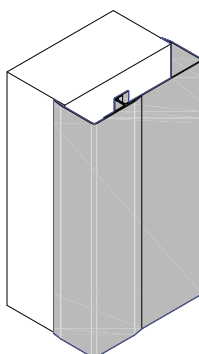
ADDITIONAL SIMPLE FRAME (on the opposite side)



COMPLETE FRAME



COMPLETE FRAME IN STAINLESS STEEL



CODE	DIMENSIONS CLEAR OPENING	
	L	H
SUP.TS.0700.01	700	2100
SUP.TS.0800.01	800	2100
SUP.TS.0900.01	900	2100
SUP.TS.1000.01	1000	2100
SUP.TS.1100.01	1100	2100
SUP.TS.1200.01	1200	2100
SUP.TS.1300.01	1300	2100
SUP.TS.1400.01	1400	2100
SUP.TS.1500.01	1500	2100
SUP.TS.1600.01	1600	2100
SUP.TS.1700.01	1700	2100
SUP.TS.1800.01	1800	2100
SUP.TS.1900.01	1900	2100
SUP.TS.2000.01	2000	2100
SUP.TS.2100.01	2100	2100
SUP.TS.2200.01	2200	2100
SUP.TS.2300.01	2300	2100
CODE	L	H
SUP.PS.00.0700	700	2100
SUP.PS.00.0800	800	2100
SUP.PS.00.0900	900	2100
SUP.PS.00.1000	1000	2100
SUP.PS.00.1100	1100	2100
SUP.PS.00.1200	1200	2100
SUP.PS.00.1300	1300	2100
SUP.PS.00.1400	1400	2100
SUP.PS.00.1500	1500	2100
SUP.PS.00.1600	1600	2100
SUP.PS.00.1700	1700	2100
SUP.PS.00.1800	1800	2100
SUP.PS.00.1900	1900	2100
SUP.PS.00.2000	2000	2100
SUP.PS.00.2100	2100	2100
SUP.PS.00.2200	2200	2100
SUP.PS.00.2300	2300	2100
CODE	L	H
SUP.PS.01.0700	700	2100
SUP.PS.01.0800	800	2100
SUP.PS.01.0900	900	2100
SUP.PS.01.1000	1000	2100
SUP.PS.01.1100	1100	2100
SUP.PS.01.1200	1200	2100
SUP.PS.01.1300	1300	2100
SUP.PS.01.1400	1400	2100
SUP.PS.01.1500	1500	2100
SUP.PS.01.1600	1600	2100
SUP.PS.01.1700	1700	2100
SUP.PS.01.1800	1800	2100
SUP.PS.01.1900	1900	2100
SUP.PS.01.2000	2000	2100
SUP.PS.01.2100	2100	2100
SUP.PS.01.2200	2200	2100
SUP.PS.01.2300	2300	2100



SHD[®]

— I T A L I A —

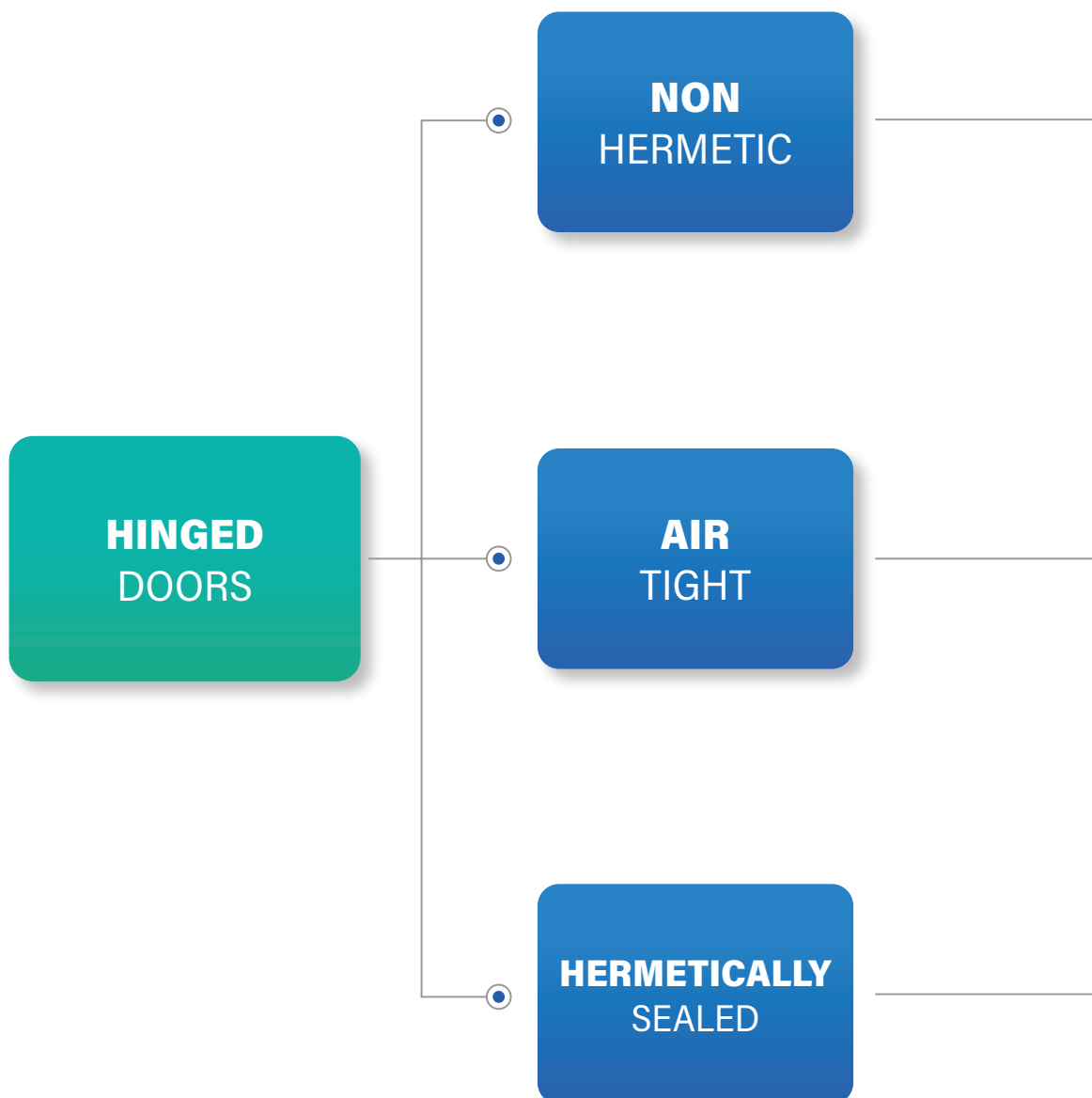
ENGINEERING TECHNOLOGIES EQUIPMENT SUPPLIES

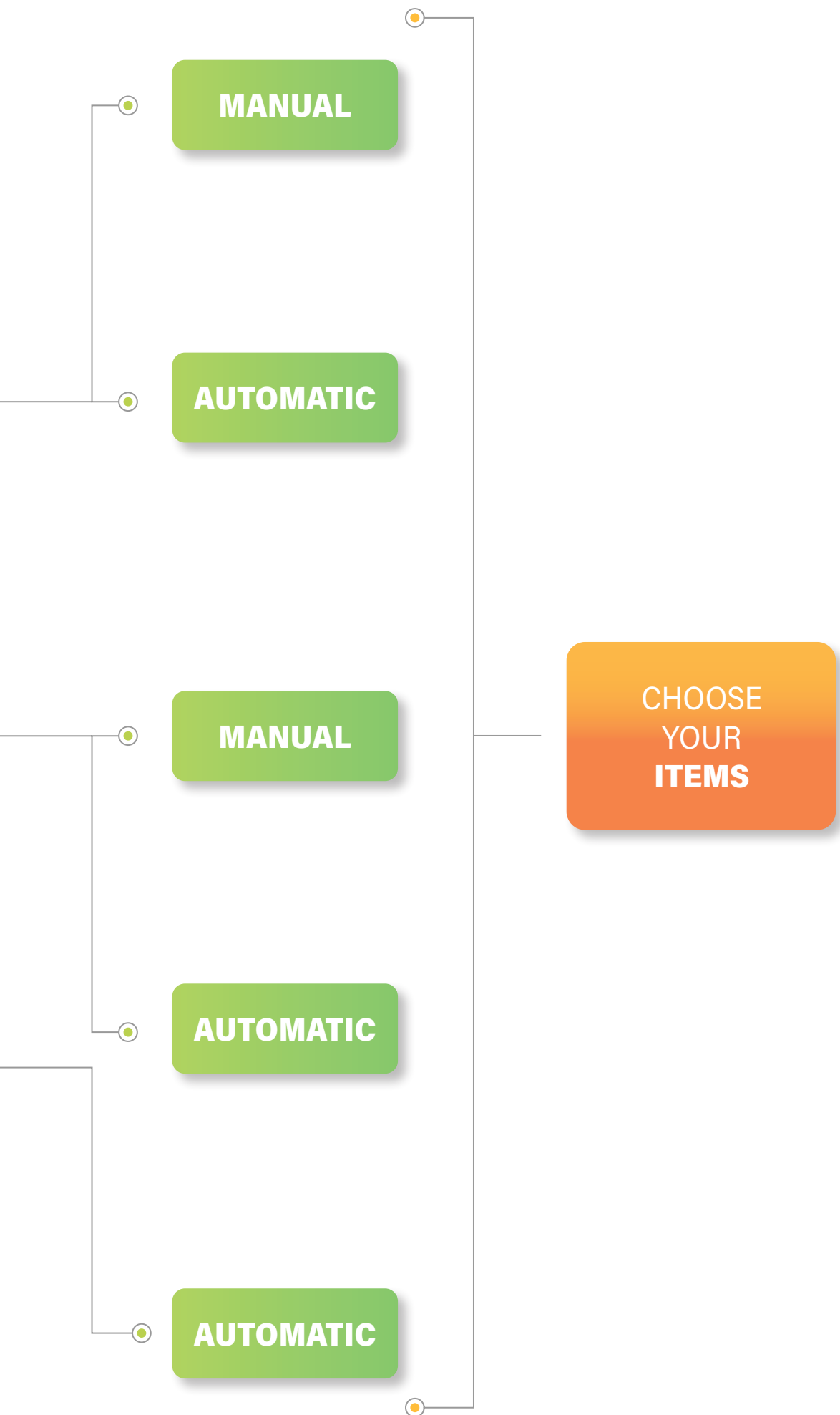
HINGED DOORS

GUIDE TO SHD HEALTHCARE HINGED DOORS

The HOSPITAL range by SHD ITALIA is designed to enable designers and contractors to meet the different requirements of their customers with a product featuring an elegant design that allows an extreme customization, while maintaining an excellent quality/price ratio.

The modularity of the different components allows an infinite range of solutions to meet the most stringent international regulations relative to automations for controlled access, laboratories, operating theatres, radiology rooms and public spaces.



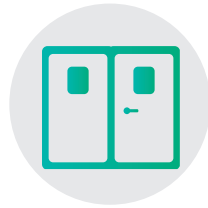


ICONS

DOOR



HINGED DOOR
1-LEAF



HINGED DOOR
2-LEAVES



HINGED DOOR
2-LEAVES ASYMMETRIC

SOLUTION



Not Air tight



Air tight
(Semi-Hermetic)



Hermetically
sealed

OPERATOR



Automatic door



Manual door

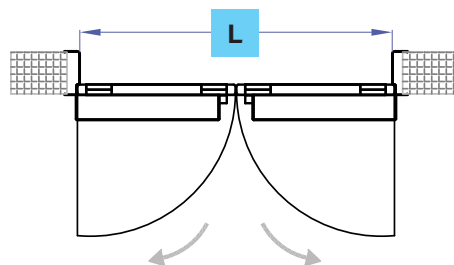
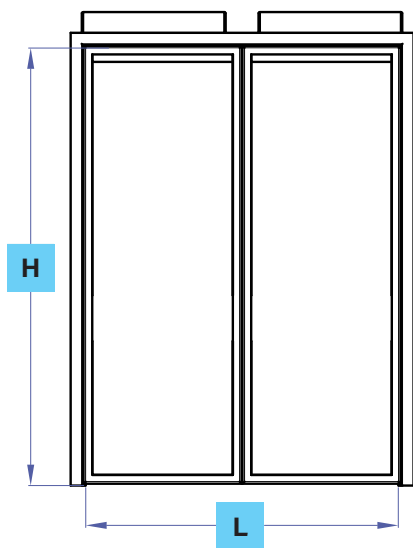
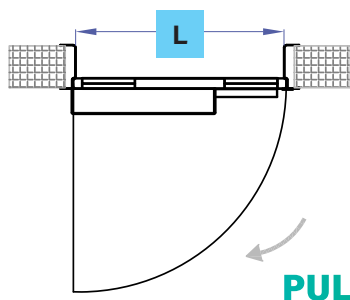
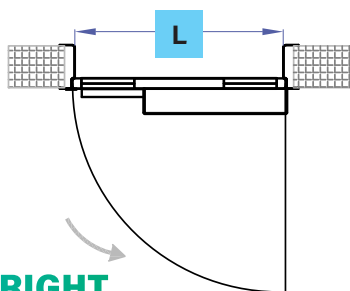
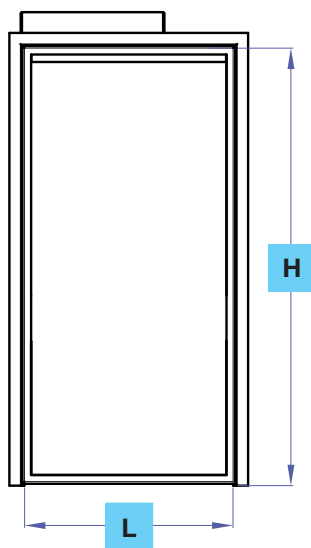
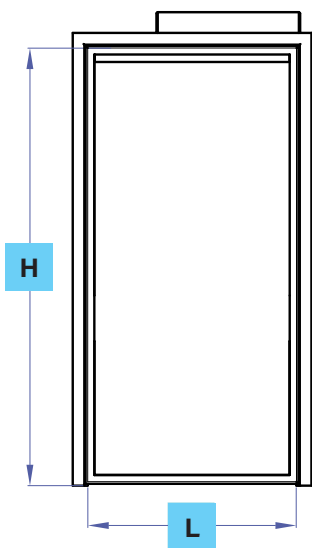
LEAD



X-Ray
PROTECTION

OPENING DIRECTION

STANDARD DIMENSIONING



DIMENSIONAL PARAMETERS	
L	WIDTH - CLEAR OPENING
H	HEIGHT - CLEAR OPENING

DESCRIPTION

Lindo door manufactured in a UNI EN ISO 9001 certified regime, for use in controlled bacteria environments; the door can be installed in conventional masonry walls or prefabricated self-loading systems.

COMPLETE FRAME - ALUMINIUM STANDARD

Telescopic frame on three sides, made in two parts, the jamb frame profile and the subframe profile are made of extruded aluminium elements shaped with wide radius curves. The jamb frame profile is disposed internally with specific grooves designed to accommodate the friction gasket that joins it to the subframe profile. The jamb frame profile is also equipped with specific grooves designed to accommodate the jamb sealing gasket. The profiles can be finished in anodized aluminium or painted with durable thermosetting epoxy powder finish in colours from the RAL or Pantone tables or with special colours to samples, as selected by Works Management. Surcharge for extension for wall reveal depths in excess of mm 240.

COMPLETE FRAME - STAINLESS STEEL *

Telescopic linings on three sides, made in two parts, the frame profile and the subframe profile, made of stainless steel elements shaped with wide radius curves. The frame profile is equipped internally with specific cavities designed to accommodate the friction gasket that joins it to the subframe profile. The profiles are Scotch Brite finishing or painted with durable thermosetting epoxy powder finish in colours from the RAL chart.

COLOUR LEAF

Leaf made of extruded aluminium profiles shaped with wide radius curves. The leaf bottom profile is designed to accept a bottom gasket that drops automatically to provide a compression seal against the floor when the door is in the closed position. A stop profile is applied on the opposite side of the hinges. The leaf profiles can be finished in anodized aluminium or painted with durable thermosetting epoxy powder finish in colours from the RAL or Pantone tables or with special colours to samples, as selected by Works Management.

* OPTIONAL ARTICLE

DESCRIPTION

FINISHING AVAILABLE

Solid door leaf panels are available in various materials:

- **HPL - HIGH PRESSURE LAMINATE** with a thickness of 0.9 mm. The panel is sandwiched with a perimeter frame, an internal core of extruded or expanded polystyrene, and external sides in HPL. The panel has a fire reaction of class B-s2-d0. It is extremely rigid and offers a high level of acoustic and thermal insulation. Available in colours specifically created for the healthcare sector.
- **STAINLESS STEEL** with a sheet thickness of 0.8 mm. The panel is sandwiched with a perimeter frame, an internal core of extruded or expanded polystyrene, and external sides in stainless steel. The panel has a fire reaction of class 1. It is extremely rigid and offers a high level of acoustic and thermal insulation.
- **POWDER COATED STAINLESS STEEL** with a sheet thickness of 0.8 mm and paint thickness of 100 microns. The panel is sandwiched with a perimeter frame, an internal core of extruded or expanded polystyrene, and external sides in powder-coated stainless steel. The panel has a fire reaction of class 1. It is extremely rigid and offers a high level of acoustic and thermal insulation. Available in colours from the RAL chart.
- **ANTIBACTERIAL ASEPSI SOLID MINERAL SURFACE SMS®** sheet with a thickness of 3 mm. The panel is composed of a uniform blend of 1/3 acrylic resin (methyl methacrylate) and 2/3 natural mineral substances. This bacteriostatic, dense, and non-porous material is easy to clean and extremely hygienic. The panel is sandwiched with a perimeter frame, an internal core of extruded or expanded polystyrene, and cladding in Antibacterial Asepsi Solid Mineral Surface SMS®. It has a fire reaction of class B2 according to DIN 4102. The panel is extremely rigid and offers a high level of acoustic and thermal insulation. Available in colours specifically created for the healthcare sector.
- **TRANSPARENT** and/or **MILKY OPAL GLASS**. The leaf is composed of security natural float glass, 3+3 mm, with a cavity of 38 mm and another layer of security natural float glass, 3+3 mm. The panel has a fire reaction of class 3,4 NPD.

DESCRIPTION

AUTOMATION

Door leaf automation with electro-hydraulic actuator and electromagnetic holding restraint.

Continuously adjustable force from 3 to 6 gr in compliance with EN 1154.

Adjustable closing speed, opening damping, final push and control pulse delay interval. In the event of a power outage the system functions as a normal door closer: manual opening and hydraulically assisted closing.

0 to 60 second adjustable opening pause by means of electro-hydraulic holding restraint.

Power supply: 220 VAC Power consumption: 200 WAC.

Integral 3-position function selector.

Adjustable control pulse delay.

Electro-hydraulic actuator tested in compliance with low voltage directives and electromagnetic compatibility standards; tested to DIN 18 263, p. 4; certified by materials testing organisation MPA NRW (Dortmund, Germany).

CONTROLS AND SAFETY DEVICES

The door is equipped as standard with two large size elbow-operated push buttons, three radars, two positioned on the beam group and the other in the opposite room in order to ensure stopping the door in case of obstacle, back-up battery unit for emergency opening during power outages (the door stops in the open position in order to identify the presence of a fault in the electrical circuit) and a key selector.

The key selector has 6 settings:

- Monodirectional opening
- Permanent opening
- Standard function
- Partial opening
- Locked
- Manual opening

Optional equipment includes touch-type opening controls and magnetic badge reader.



According to UNI EN ISO 14021 minimum content of recycled aluminium: pre-consumer 29-35% / post-consumer 50-58%.

CERTIFICATION

LINDO system is compliant to the directive CE

- Machinery Directive 2006/42/CE and subsequent amendments and additions
- Low Voltage Directive 2014/35/UE and subsequent amendments and additions
- Community Directive of Electromagnetic Compatibility: 92/31/CEE d.lgs 4/12/92 n° 476 and subsequent amendments and additions

Noise reduction according to UNI EN ISO 10140-1, UNI EN ISO 10140-2, UNI EN ISO 717-1 equal to 33 dB (Certification performed by CSI test report n°0068\DC\ACU\14).

In compliance with norm EN 16005

“Power Operated Pedestrian Doorsets - Safety in Use - Requirements and Test Methods”

* data valid for automatic doors only

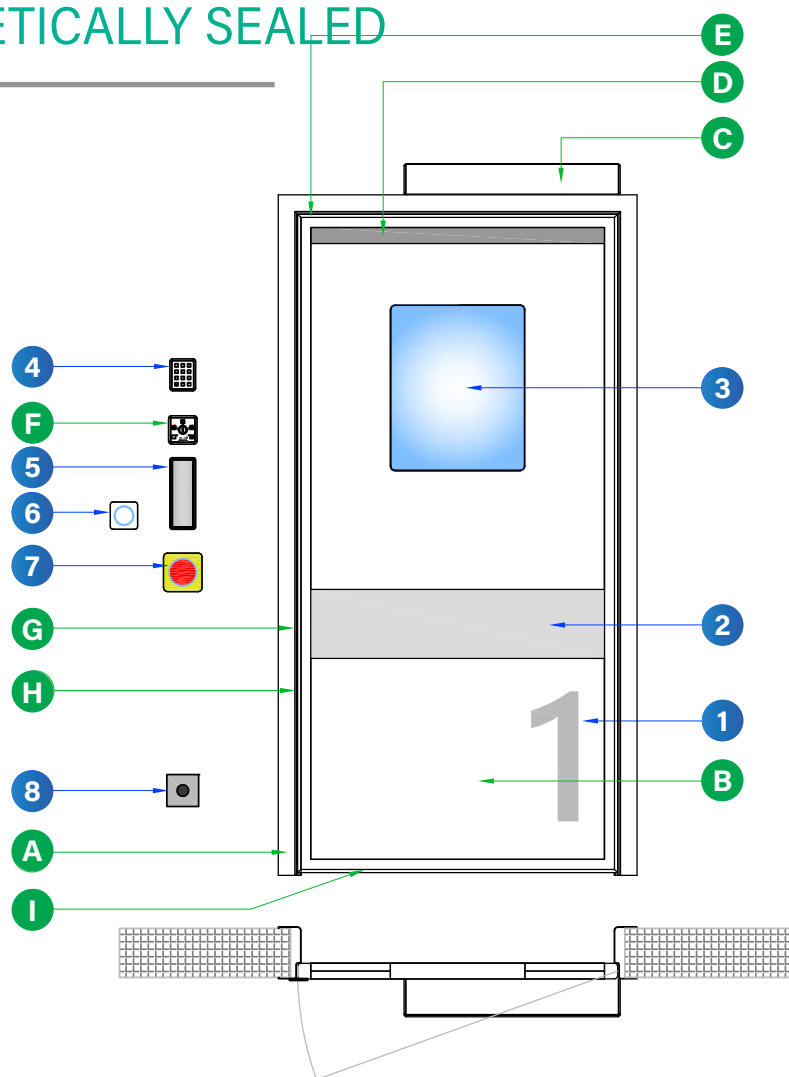
Certification air permeability Class 1 according to UNI EN 14351 (Certification performed by CSI test report n°0015\DC\AAV\14)

* data valid for hermetically sealed doors only

AUTOMATIC HINGED DOOR

1-LEAF HERMETICALLY SEALED

code: **PB.TE.A1**



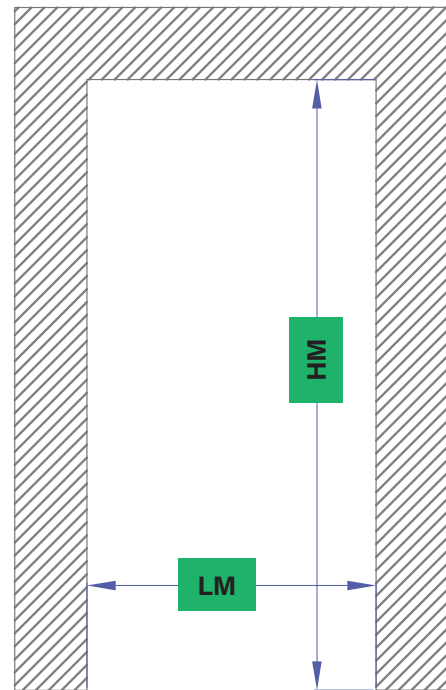
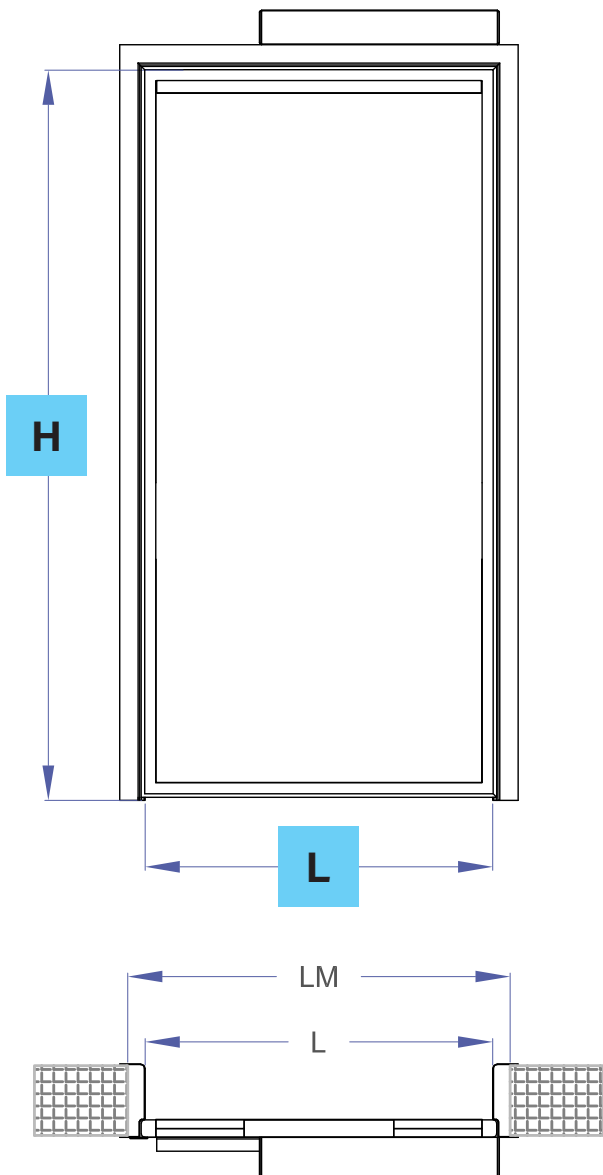
FEATURES:



STANDARD	
Reference	Description
A	FRAME
B	LEAF
C	AUTOMATIS
D	INFRARED SENSORS
E	KEY SELECTOR
F	LOWER GASKETS
G	ELECTRIC LOOK
H	COVER PROFILE
I	LOWER GASKET

OPTIONAL	
Reference	Description
1	NUMBER / LETTER STICKER
2	TROLLEY CRASH RAIL
3	VIEWING WINDOW
4	NUMERIC KEYPAD / BADGE READER
5	ELBOW SWITCH
6	CONTACTLESS SENSOR
7	EMERGENCY BUTTON
8	FOOT SWITCH

DIMENSIONAL PARAMETERS



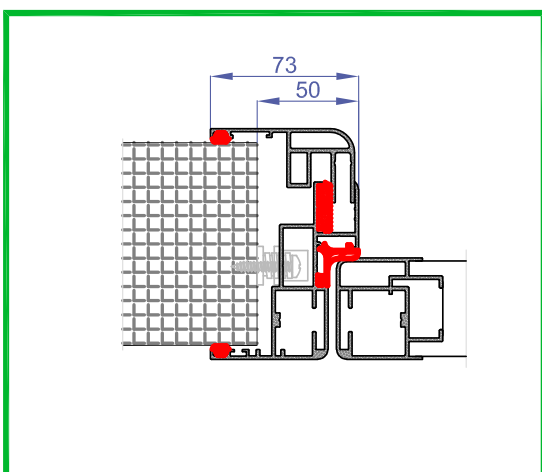
DIMENSIONAL PARAMETERS

L	WIDTH - CLEAR OPENING
H	HEIGHT - CLEAR OPENING
LM	WIDTH - WALL CUT OUT
HM	HEIGHT - WALL CUT OUT

DIMENSIONS CLEAR OPENING

COMPLETE FRAME Aluminium - Stainless Steel

L	H	LM	HM
700	2100	800	2150
800	2100	900	2150
900	2100	1000	2150
1000	2100	1100	2150
1100	2100	1200	2150
1200	2100	1300	2150



X-Ray

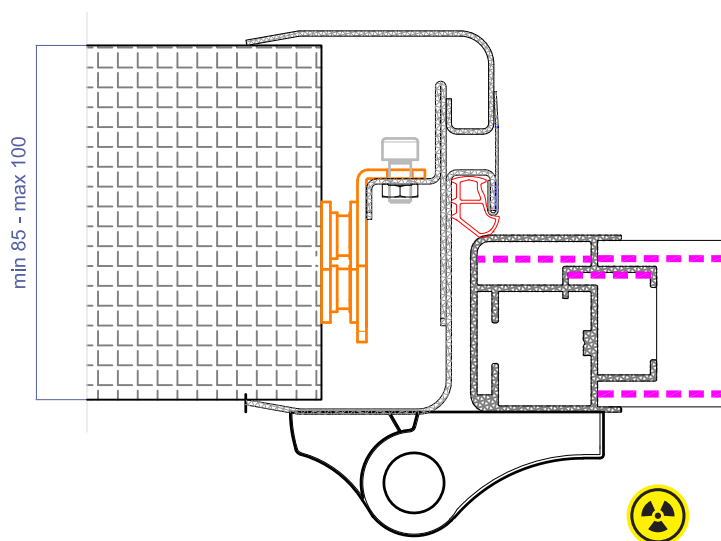
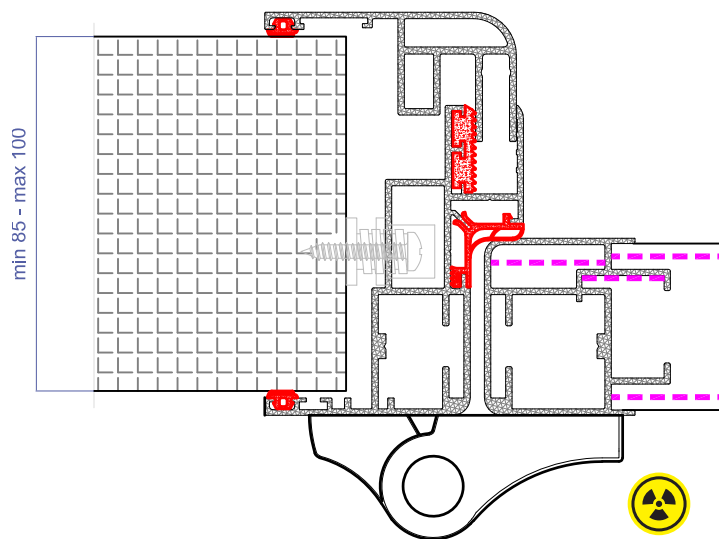
LEAF PROTECTION

COMPLETE FRAME
IN ALUMINIUM

COMPLETE FRAME
IN STAINLESS STEEL



X-Ray PROTECTION
DONE BY SHD ITALIA



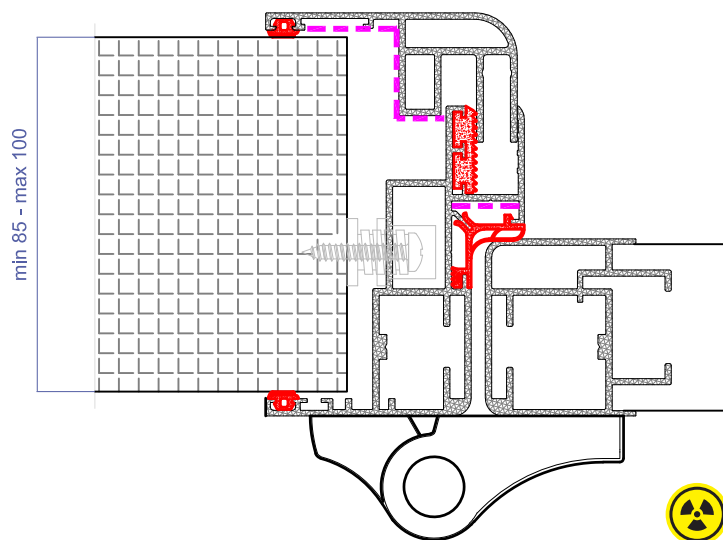
X-Ray

FRAME PROTECTION

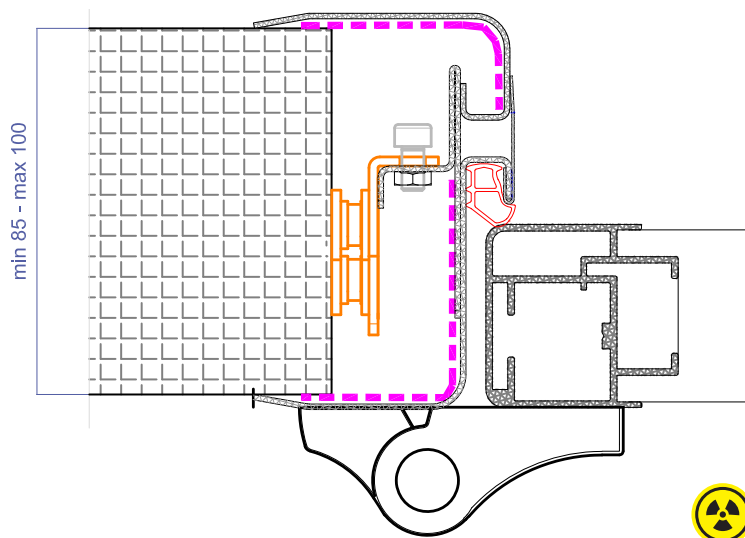


X-Ray PROTECTION
DONE BY SHD ITALIA

COMPLETE FRAME
IN ALUMINIUM



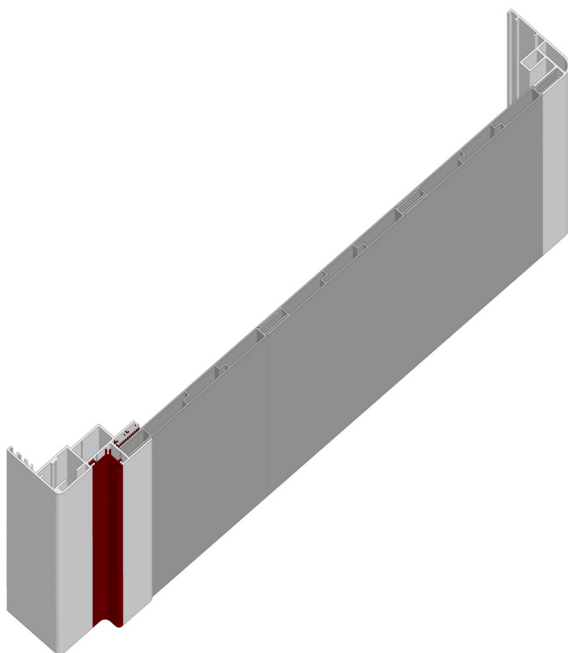
COMPLETE FRAME
IN STAINLESS STEEL



OPTIONAL ITEMS

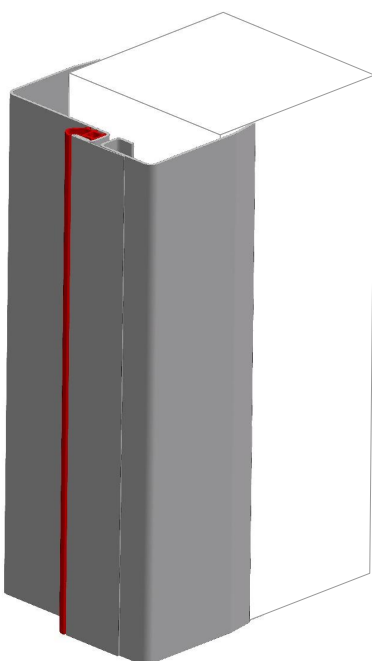
TYPES OF LININGS

ADDITIONAL EXTENSION PROFILE FOR ALUMINUM FRAME



CODE	DIMENSIONS CLEAR OPENING	
	L	H
SUP.PB.00.0700	700	2100
SUP.PB.00.0800	800	2100
SUP.PB.00.0900	900	2100
SUP.PB.00.1000	1000	2100
SUP.PB.00.1100	1100	2100
SUP.PB.00.1200	1200	2100
SUP.PB.00.1300	1300	2100
SUP.PB.00.1400	1400	2100
SUP.PB.00.1500	1500	2100
SUP.PB.00.1600	1600	2100
SUP.PB.00.1700	1700	2100
SUP.PB.00.1800	1800	2100
SUP.PB.00.1900	1900	2100
SUP.PB.00.2000	2000	2100
SUP.PB.00.2100	2100	2100
SUP.PB.00.2200	2200	2100
SUP.PB.00.2300	2300	2100

COMPLETE FRAME IN STAINLESS STEEL



CODE	DIMENSIONS CLEAR OPENING	
	L	H
SUP.PB.01.0700	700	2100
SUP.PB.01.0800	800	2100
SUP.PB.01.0900	900	2100
SUP.PB.01.1000	1000	2100
SUP.PB.01.1100	1100	2100
SUP.PB.01.1200	1200	2100
SUP.PB.01.1300	1300	2100
SUP.PB.01.1400	1400	2100
SUP.PB.01.1500	1500	2100
SUP.PB.01.1600	1600	2100
SUP.PB.01.1700	1700	2100
SUP.PB.01.1800	1800	2100
SUP.PB.01.1900	1900	2100
SUP.PB.01.2000	2000	2100
SUP.PB.01.2100	2100	2100
SUP.PB.01.2200	2200	2100
SUP.PB.01.2300	2300	2100



SHD[®]

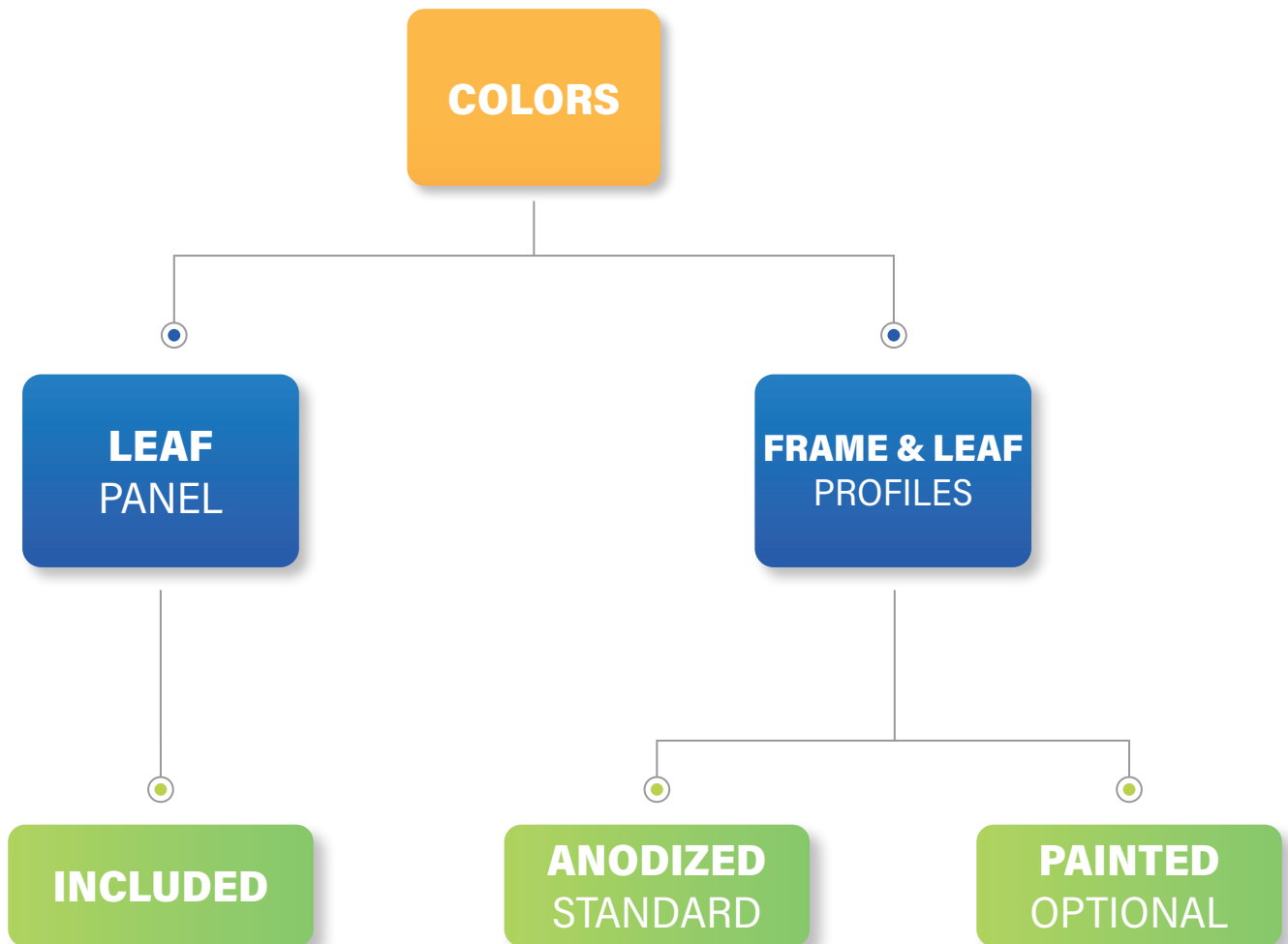
— I T A L I A —

ENGINEERING TECHNOLOGIES EQUIPMENT SUPPLIES

ITEMS



HOW TO CHOOSE COLORS



NOTE:

The simple frame, the complete frame, the extensions, the canopy and the leaf profiles are all in anodized aluminum. The alternative in powder coated aluminum and/or powder coated stainless steel can be manufactured upon specific request, according to the RAL table, for which we will calculate a surcharge. **All colors are matt finish.**

FINISHING PROFILES



Anodized

POWDER COATED PROFILE*

(Applicable for door profiles and door panel in stainless steel)



RAL 1014



RAL 5010



RAL 5012



RAL 6005



RAL 6021



RAL 7012



RAL 7035



RAL 7040



RAL 7047



RAL 9016

DOOR LEAF PANEL

COLOR

LEAF IN POWDER COATED STEEL*



RAL 1014



RAL 5010



RAL 5012



RAL 6005



RAL 6021



RAL 7012



RAL 7035



RAL 7040



RAL 7047



RAL 9016

LEAF IN HPL*



406



411



414



431



475



477



478



810



845



854



856



859



860



868



879



1941



1946

LEAF IN ANTIBACTERIAL ASEPSI SMS®



8016

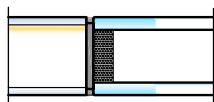


2707-C

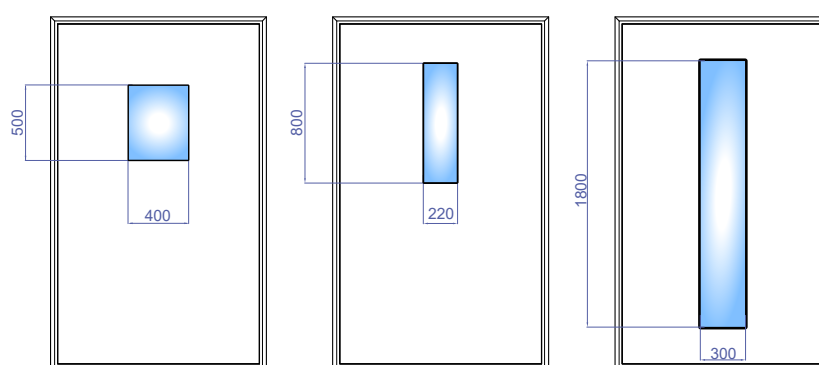
* For other colors please contact SHD ITALIA offices

ITEMS

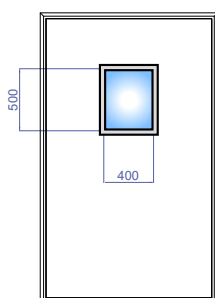
VIEWING WINDOWS*



STR FLUSH viewing window, composed of two safety float glasses of thickness mm 6/7.
The perimeter of the cavity of the glass cavity contains a channel with anti-condensation dessicant salts.
The unit is assembled using black Naftoterm adhesive tape.
The STR FLUSH viewing window is installed in the door leaf in a perfectly sealed and flush solution with the door surface with no protruding or applied surround elements.



CODE	DESCRIPTION
APL.005	STR FLUSH VIEWING WINDOW – Dim. mm. 400 (L.) x 500 (H.)
APL.008	STR FLUSH VIEWING WINDOW – Dim. mm. 220 (L.) x 800 (H.)
APL.009_1	STR FLUSH VIEWING WINDOW – Dim. mm. 300 (L.) x 1800 (H.)
APL.005.IG	STR VIEWING WINDOW WITH SWITCHABLE SMART GLASS – Dim. mm. 400 (L.) x 500 (H.)



STR viewing window, constructed by of two safety float glasses of thickness mm 6/7, and one additional safety float glass thickness 6/7 mm which can have mm 1, 2, 3 or 4 lead.

The glass cavity contains a channel with anti-condensation dessicant salts. The unit is assembled using black Naftoterm adhesive tape.

The STR viewing window is installed in the door leaf by means of a special panthograph cut opening and finished with a frame backed by a lead strip.



* For other dimensions please contact SHD ITALIA offices

ITEMS

OPTIONAL FOR VIEWING WINDOWS*

CODE	DESCRIPTION
APL.VE.M.001	MANUAL BLIND - Dim. mm. 400 (L.) x 500 (H.)
APL.VE.A.001	AUTOMATIC BLIND - Dim. mm. 400 (L.) x 500 (H.)



* For other dimensions please contact SHD ITALIA offices

CONTROL AND SAFETY DEVICES



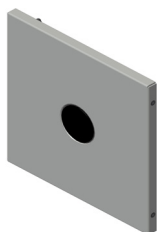
APL.014_B

Infrared sensor – Hinged door



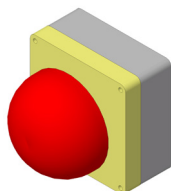
APL.014_S

Infrared sensor – Sliding door



APL.016

Foot switch



APL.017

Emergency button



APL.019

Contactless sensor



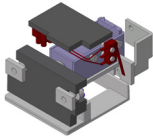
APL.020

Elbow switch



APL.020_B

Electric lock and latch
– Hinged door



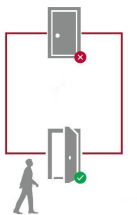
APL.020_S

Mechanical lock for sliding door



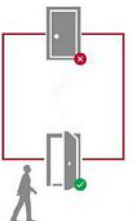
APL.021

Numeric keypad and badge reader



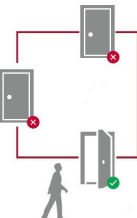
APL.022

Interlock system – 2 doors – Manual
Composed of: Control Unit, Traffic light



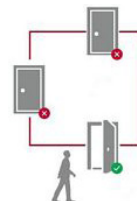
APL.023

Interlock system – 2 doors – Automatic
Composed of: Control Unit, Traffic light



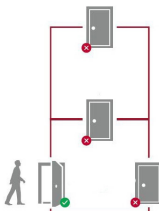
APL.024

Interlock system – 3 doors – Manual
Composed of: Control Unit, Traffic light



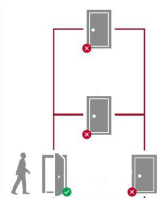
APL.025

Interlock system – 3 doors – Automatic
Composed of: Control Unit, Traffic light



APL.026

Interlock system – 4 doors – Manual
Composed of: Control Unit, Traffic light



APL.027

Interlock system – 4 doors – Automatic
Composed of: Control Unit, Traffic light

DOOR HANDLES



APL.CUV

Recessed handle & Stainless Steel (cuvette) for sliding door



APL.MAN_INOX

Stainless steel C-Shaped handle for sliding door



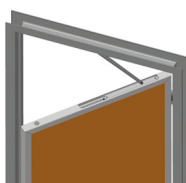
APL.011

Free/busy lockset, for hinged door



APL.012

Aluminium knob for hinged door



APL.013

Concealed door closer for hinged door



APL.015

Antipanic handle - Primary leaf
Hinged door



APL.015

Antipanic handle - Secondary leaf
Hinged door

GENERAL



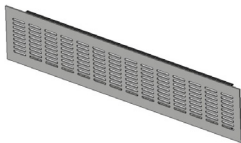
APL.010

Trolley crash rail - Stainless Steel



APL.010_A

Trolley crash rail - Anodized Aluminium



APL.018

Air grid



SUP.NUM.POR

Number or Letter on the leaf



APL.028

X-Ray light indicator

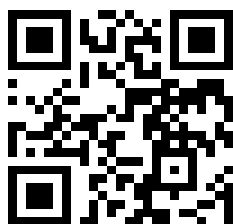


APL.029

Operating room light indicator



MADE IN ITALY



SHD ITALIA S.r.l.
Corso Italia, 11 28010
Fontaneto d'Agogna (NOVARA)
Tel. +39 0322 862030
Fax +39 0322 862031
shd@shd.it www.shd.it