

A close-up photograph of a person's hands using a welding torch to weld a metal joint. The bright light from the torch is the central focus, with the background showing an industrial setting with shelves and other equipment.

SPENLE



HIGH QUALITY TECHNICAL DOORS

A photograph of a modern industrial building with a large glass facade and a dark grey roof. The SPENLE logo is visible on the building's exterior. The building is surrounded by a paved parking lot and some landscaping.

PRODUCT CATALOGUE



WHY CHOOSE A SPENLE DOOR

SPENLE designs and manufactures professional doors that are **high-quality, reliable, very sturdy and perfectly finished.**

Our **flexibility, fast service and know-how** mean we can offer you an optimum solution, even for complex renovation projects – **and at a competitive price!**

All SPENLE doors are **custom-made** and supplied **ready to fit.**

THE SECTORS WE COVER



HOSPITALS/LABORATORIES



FOOD INDUSTRY



CATERING



INDUSTRY/LOGISTICS

A WIN-WIN PARTNERSHIP

ARCHITECTS

SPENLE doors, with their wide range of models, colours and finishes available, leave you plenty of room to express your **creativity** whilst guaranteeing a product **that will always live up to your technical expectations.**

These are premium quality doors designed **for the most demanding environments.**

INSTITUTIONS

Choosing SPENLE doors means guaranteed peace of mind **and satisfied users.**

SPENLE doors have all the certifications needed to allow you to make the right choice for your particular contexts.

INSTALLERS

Custom-made and supplied ready to fit, SPENLE professional doors are designed for **fast and durable** installation. Your customers will be doubly satisfied.

USERS

Reliable, rugged, practical and attractive SPENLE doors are sure to make an impression. Whatever the context you are using it in, **you are sure to have the most suitable door there is.**

APPROVALS & CERTIFICATIONS

CSTB
le futur en construction

Efectis

FDA
APPROVED



SPENLE

HIGH QUALITY TECHNICAL DOORS



HOSPITALS LABORATORIES



As an acknowledged expert in the hospital and clean room worlds, SPENLE has designed a complete range of technical doors for these highly demanding environments:

Airtight doors, airtight and soundproof or X-ray or fire resistant doors for surgical suites, research institute laboratories, lead-lined doors for radiology and scanner rooms.

**Our models for
Hospitals and Laboratories**

SP250 / SP250 HP
SP250X / SP250X HP
SP250 AIR&FIRE STOP®
SP250 STILLROOM®
SP240X / SP440X
SP450 / SP450 STILLROOM®

AIRTIGHT DOOR

FOR SURGICAL SUITES AND CONTROLLED ENVIRONMENT ROOMS

HOSPITALS/LABORATORIES



SWING DOOR

SP250
SP250 HP
SP250X
SP250X HP

DESIGNED TO MEET HYGIENE AND DECONTAMINATION REQUIREMENTS

- The **SP250** airtight door was developed to **keep sensitive rooms airtight** and **effectively combat the risks of contamination** (bacterial or particulate).
- It is designed for surgical suites, laboratories clean rooms and other controlled environment premises.



FEATURES & BENEFITS



Very high airtightness performance



Optimum decontamination and hygiene: porthole flush on both sides, smooth, rounded shapes



Materials unaffected by cleaning products.



Test certificates approved by certified laboratories



Large choice of laminate finishes



HIGH-PERFORMANCE AND VERSATILE

The **SP250** airtight door, available with one or two leaves, comes in the following versions:

- **SP250**, standard version
- **SP250 HP**, **High Performance** version to meet the most stringent standards.
- **SP250X**, **X-ray protection** version with lead-lined leaf, door casing and porthole, developed to protect staff and patients from the X-rays used in medical imaging
- **SP250X HP**, **High Performance X-ray** version with enhanced airtightness

It can also meet other more specific needs:

- **SP250 STILLROOM®**, **soundproofed** version with sound attenuation of up to -35dB
- **SP250** single-leaf **AIR&FIRE STOP®**, **EI30 fire-resistant** version

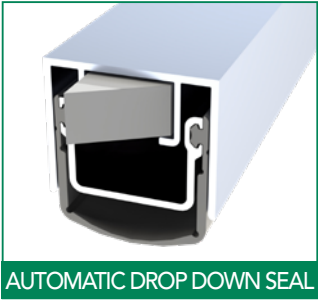
TECHNICAL CHARACTERISTICS

DOOR FRAME

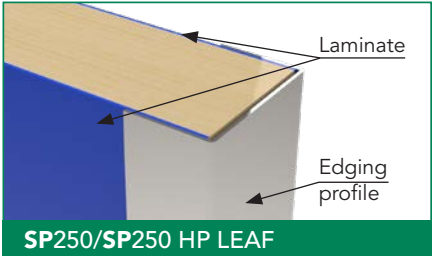
- **SP250:** Aluminium door frame.
Casing and inner casing made of aluminium profile with rounded edges and a 15µ natural anodised or powder-coated finish,
- **SP250:** Grade 304L or 316L stainless steel door frame, casing and inner casing adapted to the partition,
- **SP250X:** Aluminium door frame with inclusion of lead shielding,
- **SP250X HP:** Grade 304L or 316L stainless steel door frame with inclusion of lead shielding,
- Replaceable silicone perimeter seal.

DOOR LEAF

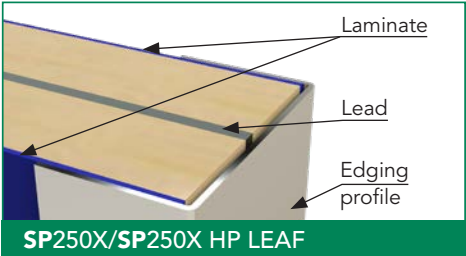
- **Made of antibacterial HPL laminate** with either Acrovyn® surface, a pre-coated steel sheet (25µ or 55µ PET), a powder-coated aluminium sheet or grade 304L or 316L stainless steel,
- Protected by an aluminium or brushed stainless steel round-edged edging profile,
- Grade 304L stainless steel handles and hinges,
- Automatic drop-down seal with silicone gasket ensuring the door is airtight at ground level,
- Insertion of a lead sheet for radiation protection for the **SP250X** and **SP250X HP** airtight X-ray protection versions.



AUTOMATIC DROP DOWN SEAL



SP250/SP250 HP LEAF



SP250X/SP250X HP LEAF

TECHNICAL PERFORMANCES:

AIRTIGHTNESS PERFORMANCE

	SP250/SP250X	SP250X/SP250X HP
Leakage rate, single-leaf door:	< 2.21 m³/m²/h at 20 Pa < 3.78 m³/m²/h at 50 Pa	< 0.43 m³/m²/h at 20 Pa < 0.75 m³/m²/h at 50 Pa
Leakage rate, double-leaf door:	< 1.12 m³/m²/h at 20 Pa < 1.84 m³/m²/h at 50 Pa	< 1.50 m³/m²/h at 20 Pa < 2.77 m³/m²/h at 50 Pa

Lead shielding 1 to 4 mm thick for the X-ray versions

OPTIONS

- Laminated glass porthole/vision panel flush on both sides,
- Vision panel with integral Venetian blind,
- Large choice of colours and laminate finishes,
- Acrovyn or brushed stainless steel kick plates,
- Airlock interlocking: interlocking using flush-mounted electro-holding magnets,
- Access control with keypad or biometric system,
- Door closer,
- Crash bar,
- Automatic kit,
- Adjustable air transfer grid,
- Specific door frames or fastening systems to meet your needs, for renovation jobs in particular.



SWING DOOR

SP250
SP250 HP
SP250X
SP250X HP



AIRTIGHT DOORS

FOR SURGICAL SUITES IN HOSPITALS AND CLINICS
FOR CLEAN ROOMS

HOSPITALS/LABORATORIES



SLIDING DOOR

SP450
SP450X

THE GUARANTEE OF ENHANCED AIRTIGHTNESS IN HYPERSENSITIVE AREAS

- The **SP450** airtight door **acts as an airtight barrier** and is therefore an effective way to combat the risk of bacteriological or particulate contamination.
- It is used in surgical suites, clean rooms, laboratories and other **controlled environments**.
- The performances of the **SP450** airtight door have been tested by COFRAC-certified test laboratories, which have issued **airtightness certificates**.



FEATURES & BENEFITS



Very high airtightness performance



Optimum decontamination and hygiene: porthole flush on both sides, smooth, rounded shapes



Materials resistant to cleaning products.



Test certificates approved by certified laboratories



Large choice of laminate finishes



HIGH-PERFORMANCE AND VERSATILE

The **SP450** airtight door, available with one or two leaves, comes in the following versions:

- **SP450**, standard version
- **SP450X**, X-ray protection version with lead-lined leaf, door casing and porthole, developed to protect staff and patients from the X-rays used in medical imaging

It can also meet other more specific needs:

- **SP450 STILLROOM®**, soundproofed version with sound attenuation of up to -40dB
- **Made to measure and supplied ready to fit**, the **SP450** door can be installed in new build just as well as in renovation projects.

TECHNICAL CHARACTERISTICS

DOOR FRAME

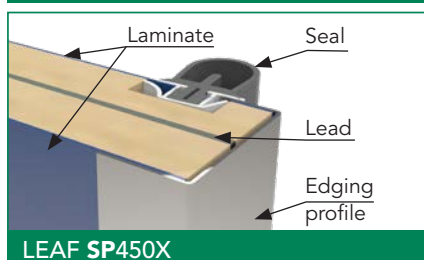
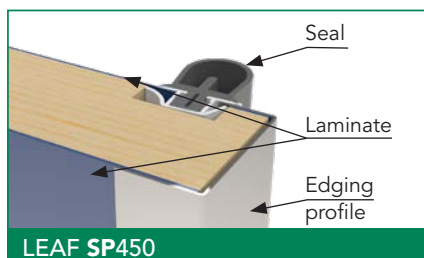
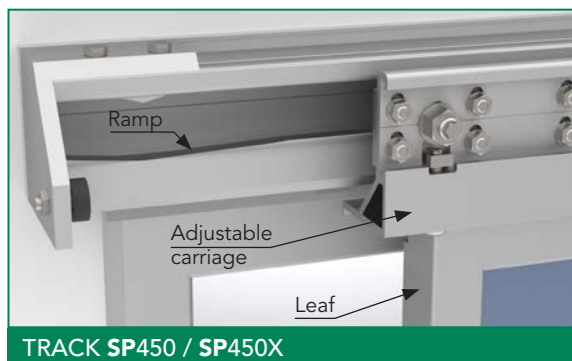
- **SP450:** Casing and inner casing made of either aluminium with 15µ natural anodised or powder-coated finish, or grade 304L or 316L stainless steel,
- **SP450X:** Grade 304L or 316L stainless steel door frame with inclusion of lead shielding,
- Door frames with no visible fastening screws for optimum hygiene and cleaning.

DOOR LEAF

- Door panel made of either **high pressure laminate (HPL) with an antibacterial surface**, pre-coated steel sheet (25µ or 55µ PET), powder-coated aluminium sheet, Acrovyn® or stainless steel,
- **SP450X** Insertion of a lead sheet for radiation protection for this airtight, X-ray protection version.
- Reinforced by an aluminium or brushed stainless steel frame with rounded edges,
- **Replaceable silicone perimeter seals.**

TRACK

- Anodised aluminium track with polyamide runners and floor guides.



PELMET

- Protective cover made of either anodised or coated aluminium, or coated or grade 304L or 316L stainless steel,
- Pivoting, sloped pelmet for **easier cleaning**.

TECHNICAL PERFORMANCES:

AIRTIGHTNESS PERFORMANCE

Leakage rate:
< 0.02 m³/m²/h at 20 Pa

Leakage rate:
< 0.04 m³/m²/h at 50 Pa

OPTIONS

- Compact laminate or fully glazed door leaf,
- Porthole/vision panel flush on both sides in plain, sandblasted or screen-printed laminated glass,
- Large choice of colours and laminate finishes,
- Venetian blinds with button slat tilting system,
- Pull handles made of stainless steel or fibre-reinforced polyamide,
- Stainless steel flush pull handle,
- Stainless steel release handle for heavy manual airtight doors,
- Acrovyn® or brushed stainless steel kick plates,
- Adjustable air transfer grille,
- Automatic kit,
- Specific door frames or pelmets to meet your needs, for renovation jobs in particular.



SLIDING DOOR

SP450 SP450X



SOUNDPROOF/AIRTIGHT DOOR

**BOTH AIRTIGHT AND SOUNDPROOFED
FOR OPERATING THEATRES AND CLEAN ROOMS**

HOSPITALS/LABORATORIES



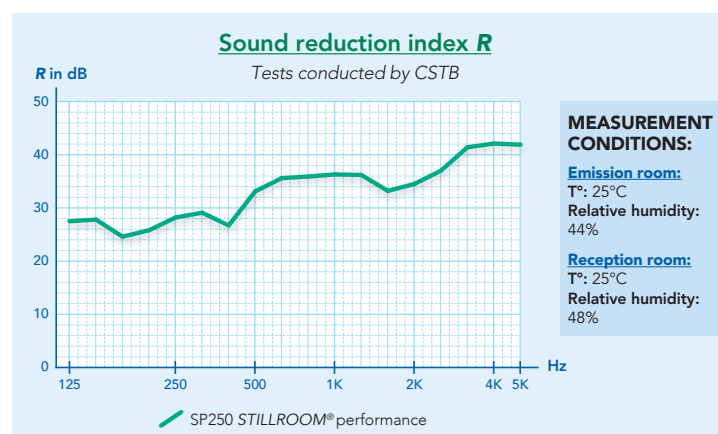
**SWING
DOOR**

**SP250
STILLROOM®**

SPECIALLY CONSTRUCTED FOR MORE EFFECTIVE SOUNDPROOFING

- The **SP250 STILLROOM®** soundproof airtight door is a hermetically sealed door whose main function is to **control the risks of bacteriological or particulate contamination**.
- In addition, thanks to its special design and composition, the **SP250 STILLROOM®** door has the advantage of also providing enhanced acoustic insulation (up to 35dB) for **greater comfort in sensitive environments**.
- It is intended **for controlled environments**, such as surgical suites in hospitals or clean rooms in various high-tech sectors of industry.
- The performances of the **SP250 STILLROOM®** door have been **tested and certified by several test laboratories** which have issued airtightness and acoustic insulation certificates.

ENHANCED SOUND ATTENUATION UP TO -35dB



FREQUENCY IN HZ	R IN DB
100	27.5
125	27.8
160	24.6
200	25.8
250	28.2
315	29.1
400	26.7
500	33.1
630	35.6
800	35.9
1,000	36.3
1,250	36.2
1,600	33.2
2,000	34.5
2,500	37
3,150	41.4
4,000	42.1
5,000	41.9

FEATURES & BENEFITS



Very high airtightness performance



Enhanced acoustic insulation, up to -35dB



Optimum decontamination and hygiene: porthole flush on both sides, smooth, rounded shapes



Materials unaffected by cleaning products.



Test certificates approved by certified laboratories

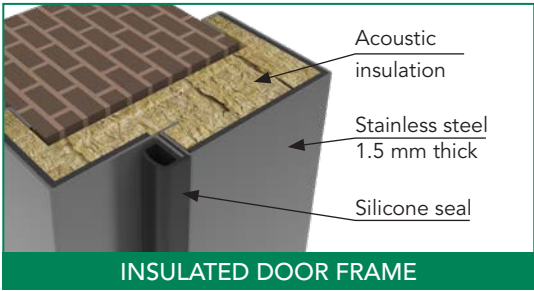


Large choice of laminate finishes

TECHNICAL CHARACTERISTICS

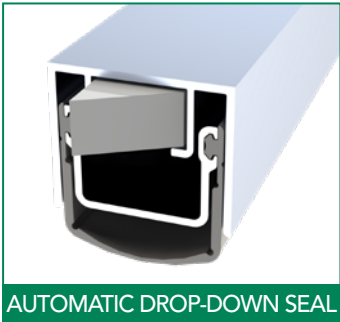
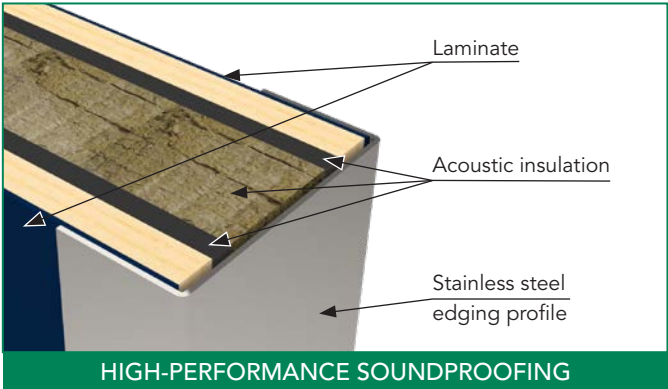
DOOR FRAME

- Grade 304L or 316L stainless steel door frame, with casing and inner casing adapted to the partition,
- Replaceable silicone perimeter seal,
- Acoustic insulation of the door frame.



DOOR LEAF

- Made of high-pressure laminate (HPL) with an antibacterial surface, protected by a brushed stainless steel frame,
- Core made of high-performance acoustic insulation materials,
- Grade 304L stainless steel handles and hinges,
- Automatic drop-down seal with silicone gasket ensuring the door is airtight at ground level.



TECHNICAL PERFORMANCES – SINGLE LEAF

ACOUSTIC INSULATION

$R_w(C; C_{tr}) = 35 \text{ (-1; -3) dB}$
For comparison, the standard SP250 HP was tested at
 $R_w(C; C_{tr}) = 28 \text{ (-1; -2) dB}$

AIRTIGHTNESS PERFORMANCE

Leakage: $< 0.43 \text{ m}^3/\text{m}^2 \text{ /h at } 20 \text{ Pa}$
 $< 0.75 \text{ m}^3/\text{m}^2 \text{ /h at } 50 \text{ Pa}$

OPTIONS

- Porthole/vision panel flush on both sides, with SILENCE-type laminated glass,
- Vision panel with integral Venetian blind,
- Large choice of colours and laminate finishes,
- Acrovyn® or brushed stainless steel kick plates,
- Airlock interlocking: interlocking using flush-mounted electro-holding magnets,
- Access control with keypad or biometric system,
- Door closer,
- Crash bar,
- Automatic kit,
- Specific door frames or fastening systems to meet your needs, for renovation jobs in particular.



SWING DOOR

SP250
STILLROOM®



SOUNDPROOF AIRTIGHT DOOR

BOTH AIRTIGHT AND SOUNDPROOFED FOR
OPERATING THEATRES AND STERILE AREAS

HOSPITALS/LABORATORIES



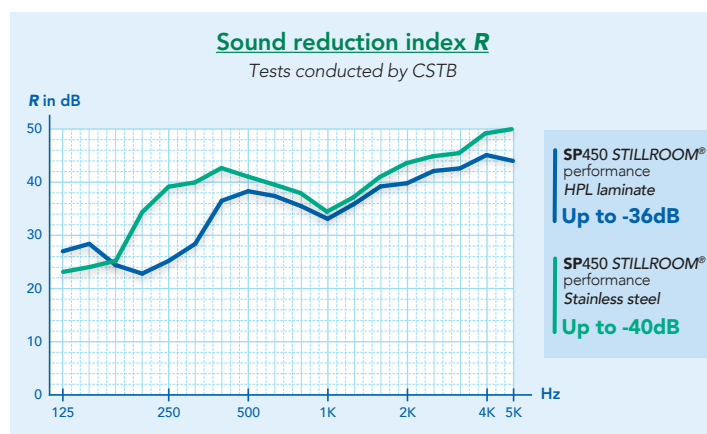
SLIDING
DOOR

SP450
STILLROOM®

SPECIALLY CONSTRUCTED FOR MORE EFFECTIVE SOUNDPROOFING

- The **SP450 STILLROOM®** soundproof airtight door is a hermetically sealed door whose main function is to **control the risks of bacteriological or particulate contamination**.
- In addition, thanks to its special design and composition, the **SP450 STILLROOM®** door has the advantage of also providing enhanced acoustic insulation (up to 40dB) for **greater comfort in sensitive environments**.
- It is **intended for controlled environments** such as surgical suites in medical environments, sterile areas, disinfection rooms and other controlled environment premises.
- The performances of the **SP450 STILLROOM®** door have been **tested and certified by several test laboratories**, which have issued airtightness and acoustic insulation certificates.

ENHANCED SOUND ATTENUATION UP TO -40dB



FREQUENCY IN HZ	R IN DB HPL LAMINATE	R IN DB STAINLESS STEEL
100	27.0	23.2
125	28.4	24.1
160	24.4	25.3
200	22.8	34.4
250	25.2	39.2
315	28.4	40.0
400	36.5	42.7
500	38.3	41.1
630	37.4	39.6
800	35.5	38.0
1,000	33.1	34.5
1,250	35.9	37.2
1,600	39.2	41.0
2,000	39.8	43.6
2,500	42.1	44.9
3,150	42.6	45.5
4,000	45.1	49.2
5,000	44.0	50.0

FEATURES & BENEFITS



Very high airtightness
performance



Enhanced acoustic
insulation, up to -40dB



Optimum decontamination
and hygiene: porthole
flush on both sides,
smooth, rounded shapes



Materials unaffected by
cleaning products.



Test certificates
approved
by certified laboratories



Large choice of
laminate finishes

TECHNICAL CHARACTERISTICS

DOOR FRAME

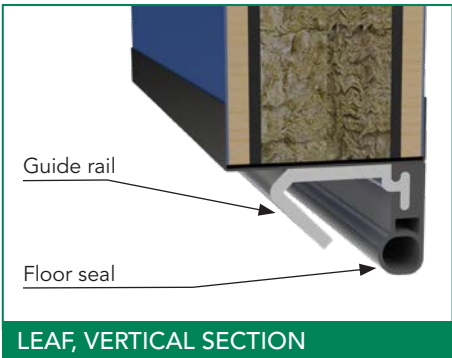
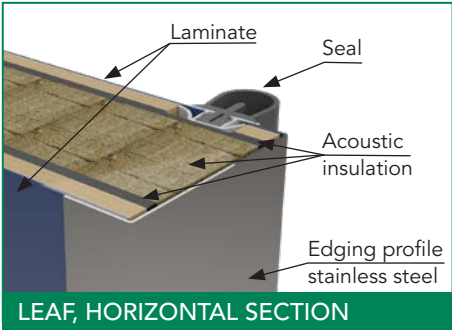
- Grade 304L or 316L stainless steel door frame (casings and inner casings),
- Acoustic insulation of the door frame,
- Door frames with no visible fastening screws for optimum hygiene and cleaning.

DOOR LEAF

- Door panel made of high pressure laminate (HPL) with an antibacterial surface, protected and reinforced by a brushed stainless steel frame,
- Or door leaf with brushed grade 304L or 316L stainless steel facing,
- Acoustic insulation of the door leaf,
- Replaceable silicone perimeter seals.

TRACK

- Anodised aluminium track with polyamide runners and floor guides.



PELMET

- Protective cover made of either anodised or coated aluminium, or coated or grade 304L or 316L stainless steel,
- Pivoting, sloped pelmet for easier cleaning.

TECHNICAL PERFORMANCES – 1 LEAF

ACOUSTIC INSULATION

Laminate version: $R_w(C;Ctr) = 36 (-1; -4) \text{ dB}$	Stainless steel version: $R_w(C;Ctr) = 40 (-2; -4) \text{ dB}$
For comparison, standard SP450 was tested at $R_w(C; Ctr) = 29 (-1; -2) \text{ dB}$ Only the single-leaf door has undergone acoustic insulation testing	

AIRTIGHTNESS PERFORMANCE

Leakage rate $< 0.02 \text{ m}^3/\text{m}^2/\text{h}$ at 20 Pa and $< 0.04 \text{ m}^3/\text{m}^2/\text{h}$ at 50 Pa

OPTIONS

- Porthole/vision panel flush on both sides, with SILENCE-type laminated glass,
- Large choice of colours and laminate finishes,
- Stainless steel pull handles,
- Stainless steel flush pull handle,
- Stainless steel release handle for heavy manual airtight doors,
- Acrovyn® or brushed stainless steel kick plates,
- Automatic kit,
- Specific door frames or pelmets to meet your needs, for renovation jobs in particular.



SLIDING DOOR

SP450
STILLROOM®



AIRTIGHT FIRE-RATED DOORS

FOR SURGICAL SUITES AND CONTROLLED ENVIRONMENT ROOMS

HOSPITALS/LABORATORIES



**SWING
DOOR**

SP250
AIR&FIRE STOP®

CONTROL THE RISK OF CONTAMINATION AND PROTECT AGAINST THE SPREAD OF FIRE

■ The **SP250 AIR&FIRE STOP®** airtight door has been designed to meet two different needs: **to provide enhanced airtightness** to protect clean and sterile rooms, and **to protect personnel** against the spread of fire.



■ Consisting of a **grade 304L stainless steel door frame** and a decontamination products-resistant and **impact-resistant compact laminate leaf** it is used in surgical suites, clean rooms, research laboratories and other controlled atmosphere rooms.

■ The leakage rates and fire resistance of **SP250 AIR&FIRE STOP®** doors have been **tested and certified** by different test laboratories: they have been issued with an airtightness certificate and **EI30 fire resistance** certificate for installation in plasterboard partitions and masonry walls.

FEATURES & BENEFITS



Top-of-the-range
EI30 fire door



Very high airtightness
performance



Optimum
decontamination
and hygiene



Materials unaffected
by cleaning products.

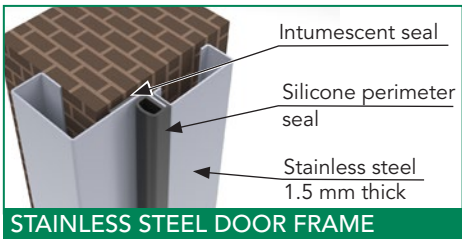


Test certificates
approved
by certified laboratories

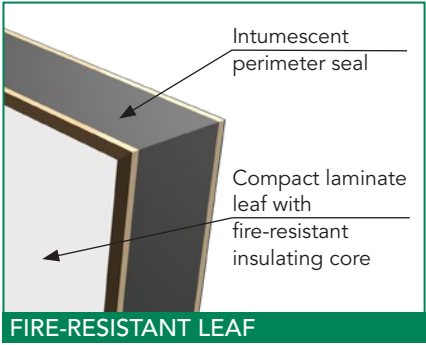
TECHNICAL CHARACTERISTICS

DOOR FRAME

- Grade 304L stainless steel door frame – welded casing for fitting in concrete walls and adapted inner casing for plasterboard partitions,
- Fastenings with no visible screws,
- Silicone perimeter seal.



DOOR LEAF



- Compact laminate leaf for optimum hygiene and excellent resistance to knocks and decontamination products,
- Fire-resistant insulating core,
- Intumescent perimeter seals,
- Lock with grade 304L stainless steel faceplate,
- Grade 304L stainless steel handles and hinges,
- Automatic drop-down seal with silicone gasket ensuring the door is airtight at ground level.



TECHNICAL PERFORMANCES

AIRTIGHTNESS PERFORMANCE

Leakage rate single-leaf door:	< 1.13 m³/m²/h at 20 Pa and < 2.11 m³/m²/h at 50 Pa
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FIRE RESISTANCE

Single-leaf door:	EI2-30 certification issued by the EFECTIS laboratory
Direction of fire:	Either for a leaf up to 1050 mm wide and up to 1207 mm wide for a fire on the opposite side to the hinges
Validity:	For plasterboard and flexible partitions – minimum thickness 98 mm (the flexible support structure with steel rails and stiles at least double the thickness of BA13 must be compliant with a currently valid EI60 certificate) For rigid masonry walls – reinforced or aerated concrete, curtain or block wall, with a minimum thickness of 150 mm for a density of minimum 500 kg/m³ OR a minimum thickness of 120 mm for a concrete wall with a minimum density of 2200 kg/m³

Only the single-leaf door has been tested and certified (airtightness and EI30 certificate) for the moment. Studies are underway with a view to the development of a double-leaf airtight EI30 door in the near future.

OPTIONS

- Vision panel



Fire-resistant glass
Welded brushed stainless steel glazing beads 1.5 mm thick
Size: 400 x 400 mm

- Kick plates



Brushed grade 304L stainless steel 0.8 mm



Acrovyn®
1.5 mm

- Door closer



With compass arm
TS2000



With slide arm
TS90

SWING DOOR

SP250
AIR&FIRE STOP®



LEAD-LINED X-RAY DOOR

A TOP QUALITY LEAD-LINED X-RAY DOOR FOR RADIOGRAPHY ROOMS

HOSPITALS/LABORATORIES



SWING
DOOR

SP240X

DEVELOPED TO PROTECT STAFF FROM RADIATION USED IN MEDICAL IMAGING.

- The **SP240X** X-ray door is essentially **designed for use in hospitals, clinics, scanner rooms** and the **nuclear industry**.
- **Made to measure and supplied ready to fit**, the **SP240X** door can be installed just as well in new build as in renovation projects.



FEATURES & BENEFITS



X-ray/radiology



Superior quality



Materials unaffected by cleaning products.



Optimum decontamination and hygiene: porthole flush on both sides, smooth, rounded shapes



Nuclear industry



Large choice of laminate finishes

HIGH-PERFORMANCE AND VERSATILE

- The **SP240X** door **contains lead shielding 1 to 4 mm thick** to protect against X-rays.
- A **high-end door with an aluminium or stainless steel casing**, a leaf made of antimicrobial HPL laminate, coated aluminium or stainless steel, with a porthole/vision panel flush on both sides for optimum cleaning.
- **Manual and automatic** versions.

The **SP240X** X-ray door, available with one or two leaves, comes in the following versions:

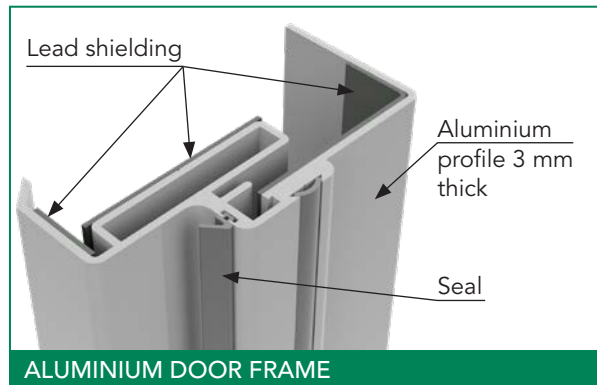
- **SP440X**, sliding **X-ray** version,
- **SP250X**, airtight **swing X-ray** version
- **SP450X**, airtight **sliding X-ray** version



TECHNICAL CHARACTERISTICS

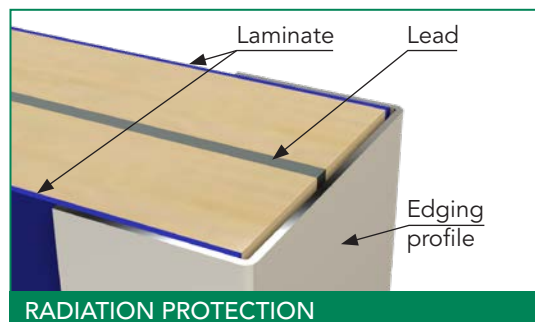
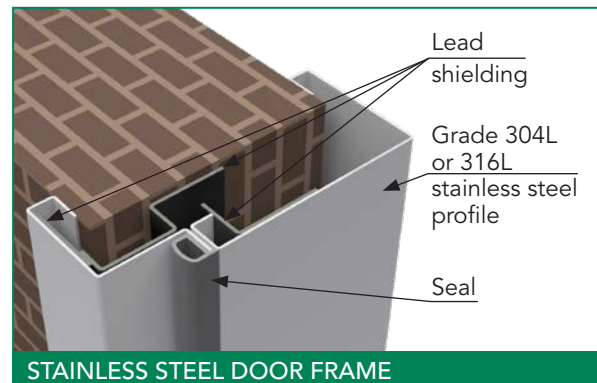
DOOR FRAME

- Aluminium door frame – casing and inner casing made of aluminium profile with rounded edges and a 15 µ natural anodised or powder-coated finish,
- Grade 304L or 316L stainless steel door frame – casing and inner casing adapted to the partition,
- Insertion of a lead sheet for radiation protection,
- Silicone perimeter seal in the back of the rabbet.



DOOR LEAF

- Made of either an HPL laminate with an antibacterial surface, Acrovyn®, or a pre-coated steel sheet (25µ or 55µ PET), a powder-coated aluminium sheet or grade 304L or 316L stainless steel,
- Protected by a frame with rounded edges made of aluminium or brushed stainless steel,
- Lead shielding 1 to 4 mm thick, consisting of a lead sheet placed in the core of the door leaf,



- Leaded strip providing continuity of X-ray protection on double-leaf doors,
- Grade 304L stainless steel handles and hinges,
- Lock with stainless steel faceplate and stainless steel lever handles.

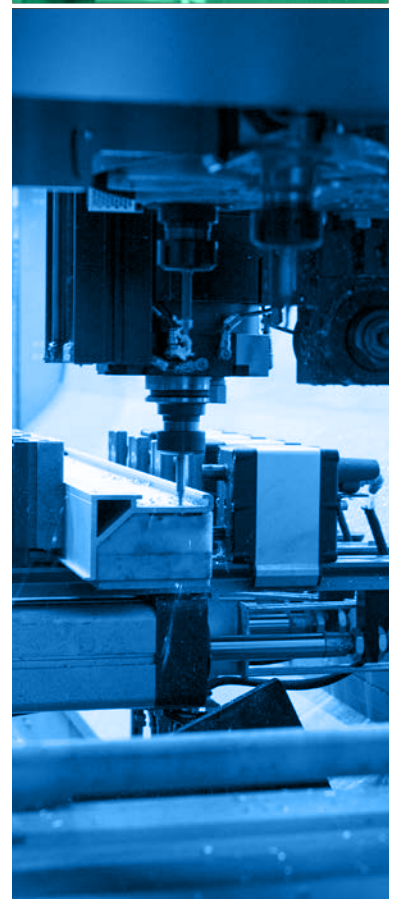
OPTIONS

- Anti-X-ray glass porthole/vision panel flush on both sides,
- Vision panel with integral Venetian blind,
- Brushed stainless steel or Acrovyn® kick plates,
- Airlock interlocking: interlocking using flush-mounted electro-holding magnets,
- Access control with keypad or biometric system,
- Crash bar,
- Automatic kit for motorised opening/closing.
- Specific door frames or fastening systems to meet your needs, for renovation jobs in particular,
- Door closer,
- Large choice of colours and laminate finishes.



SWING DOOR

SP240X



LEAD-LINED X-RAY DOOR

AN X-RAY DOOR FOR SURGICAL SUITES
AND RADIOLOGY ROOMS

HOSPITALS/LABORATORIES



SLIDING
DOOR

SP440X

DESIGNED FOR X-RAY PROTECTION IN RADIOLOGY AND SCANNER ROOMS IN MEDICAL, VETERINARY OR DENTAL ENVIRONMENTS

- Manufactured to a very specific design to protect staff and patients against X-rays, the sliding **SP440X** X-ray door is **also used in the nuclear industry** for certain applications.
- This is a high-end door **for use in the most demanding environments**.
- Made to measure and supplied ready to fit**, the **SP440X** door can be installed in new build just as well as in renovation projects.



FEATURES & BENEFITS



X-ray/radiology



Superior quality



Materials unaffected by cleaning products.



Optimum decontamination and hygiene: porthole flush on both sides, smooth, rounded shapes



Nuclear industry



Large choice of laminate finishes



HIGH-PERFORMANCE AND VERSATILE

- The **SP440X** door **contains lead shielding 1 to 4 mm thick** capable of blocking X-rays.
- A **high-end door with an aluminium or stainless steel casing** and a leaf made of antimicrobial HPL laminate, coated aluminium or stainless steel, with a leaded porthole/ vision panel flush on both sides for optimum cleaning.
- Manual or automatic** versions.

The **SP440X** X-ray door, single-leaf or double-leaf for large openings, comes in the following versions:

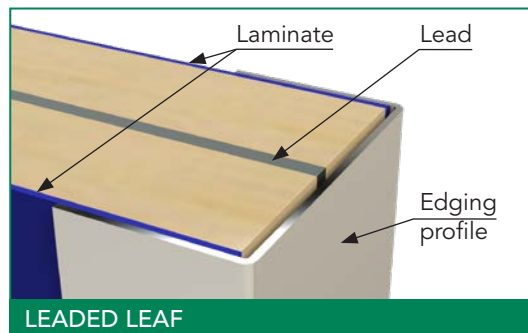
- SP240X**, swing X-ray version
- SP450X**, airtight sliding X-ray version
- SP250X**, airtight swing X-ray version

TECHNICAL CHARACTERISTICS

DOOR LEAF

- Multi-layered door panel protected with either HPL laminate with an antibacterial surface, pre-coated steel sheet (25µ or 55µ PET), powder-coated aluminium sheet, Acrovyn® or grade 304L or 316L stainless steel,
- Edged and reinforced by an anodised or coated aluminium or brushed stainless steel frame,
- Door leaf containing a lead shielding sheet 1 to 4 mm thick,
- Leaded strip providing continuity of X-ray protection on double-leaf doors,
- Pull handles and/or flush pull handles made of grade 304L stainless steel

The heaviest X-ray doors will need to be automated.



TRACK

- Anodised aluminium track with floor guides.

DOOR FRAMES - OPTIONAL

- Casing and inner casing made of aluminium with 15µ natural anodised or powder-coated finish or grade 304L or 316L stainless steel,
- Inclusion of a lead sheet to provide the X-ray protection,
- Door frames with no visible fastening screws for optimum hygiene and cleaning.

PELMET – OPTIONAL

- Protective cover made of either anodised or coated aluminium, or coated or grade 304L or 316L stainless steel,
- Pivoting, sloped pelmet for easier cleaning.



OPTIONS

- Compact laminate door leaf,
- Leaded glass porthole/vision panel flush on both sides,
- Vision panel with integral Venetian blind,
- Lead-lined aluminium or stainless steel door frame,
- Aluminium or stainless steel pelmet to protect the track,
- Acrovyn® or brushed stainless steel kick plates,
- Large choice of colours and laminate finishes,
- Specific door frames or fastening systems to meet your needs, for renovation jobs in particular,
- Automatic version available.



SLIDING DOOR

SP440X



SPENLE



HIGH QUALITY TECHNICAL DOORS



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For more information, go to

www.spenle-international.com

SPENLE 
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