

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

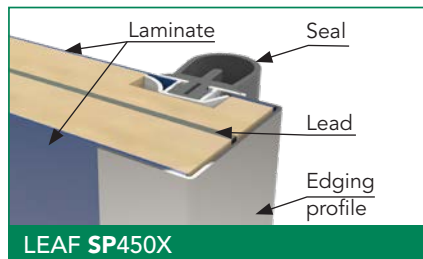
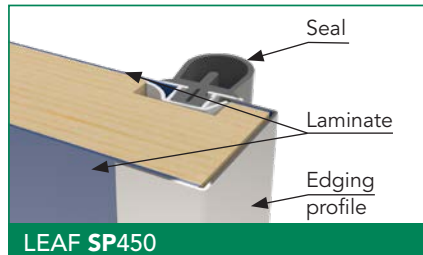
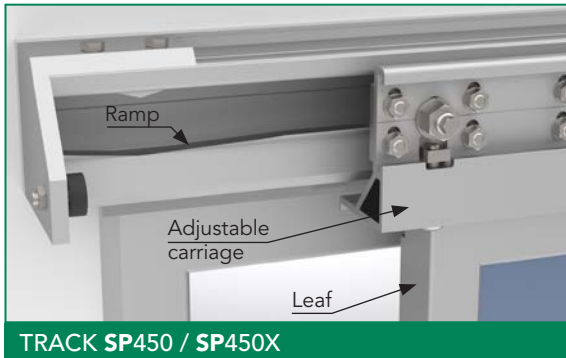
- **SP450:** Casing and inner casing made of either aluminium with 15µ natural anodised or powder-coated finish, or grade 304L or 316L stainless steel,
- **SP450X:** Grade 304L or 316L stainless steel door frame with inclusion of lead shielding,
- Door frames with no visible fastening screws for optimum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

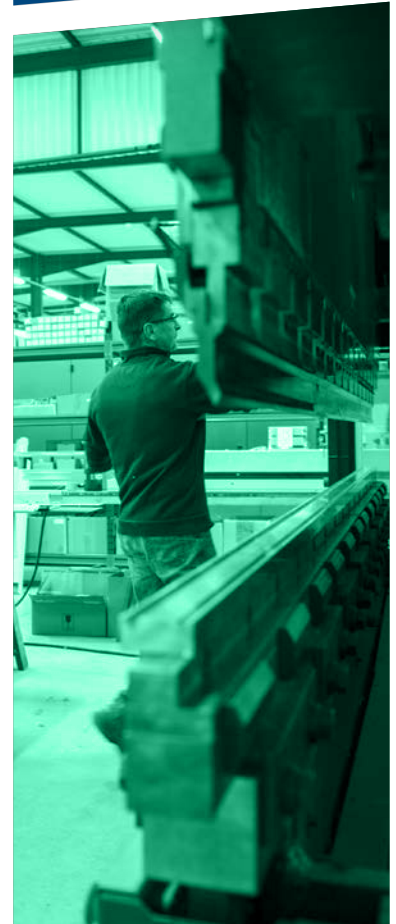


PELMET

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

SLIDING DOOR

SP450 SP450X



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.

