

WATER-REPELLENT FIRE DOOR FOR PROFESSIONAL AND INSTITUTIONAL KITCHENS AND THE FOOD INDUSTRY

FOOD
INDUSTRY

CATERING



SWING
DOOR

SP150
HYDROFEU®

TO MEET VERY STRICT HYGIENE STANDARDS AND PROTECT AGAINST FIRE RISKS

The **SP150 HYDROFEU®** door has been designed with two main aims: **to meet the very strict hygiene standards** required in food industry environments and professional kitchens by being **water-repellent** and **to protect staff and diners** against fire by being **fire-resistant**.



- Fully meeting these requirements, it has been tested by the EFECTIS test laboratory and certified **EI30 fire-resistant** and is suitable for installation on plasterboard partitions and masonry walls.
- With a door frame and accessories made of **grade 304L stainless steel** and an **impact-resistant compact laminate leaf**, it is **water-repellent**, unaffected by **cleaning products**, and corrosion-proof.

FEATURES & BENEFITS



Top-of-the-range
EI30 fire door



Water-repellent



Test certificates
approved
by certified laboratories



Optimum
decontamination
and hygiene



Materials unaffected by
cleaning products.

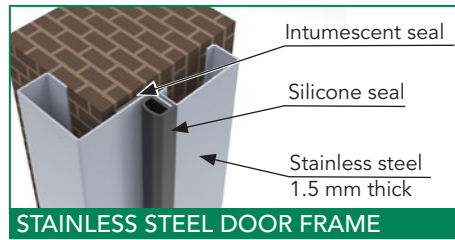


Impact-resistant

TECHNICAL CHARACTERISTICS

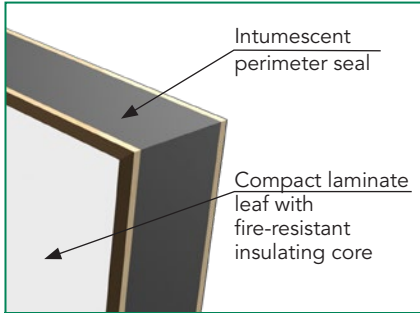
DOOR FRAME

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



STAINLESS STEEL DOOR FRAME

DOOR LEAF



FIRE-RESISTANT 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.

TECHNICAL PERFORMANCES

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:	<p>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)</p> <p>For rigid walls of masonry – 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</p>

For the moment, only the single-leaf has been tested and certified EI30 fire-resistant. The design of a double-leaf water-repellent EI30 door is being considered for future development.

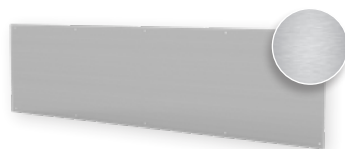
OPTIONS

- 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 thick



Acrovyn®
1.5 mm thick

- Door closer



With compass arm
TS2000



With slide arm
TS90

- Lock with vacant/engaged indicator

- Automatic drop-down seal with silicone gasket ensuring the door is airtight at ground level

SWING DOOR

SP150
HYDROFEU®

