

SLIDING FRIDGE DOOR



WHITE PIRINEOS colour



ALIMENTARY USE

APPLICATION

Cold sliding door ideal for use in cold rooms from (+ 0°) to (-40°) and for agri-food use.

ADVANTAGES



HYGIEN I
SANI TA RY

Design

Excellent product design which gives our product optimal functional, climatic, hygienic and sanitary qualities



RESISTANT
TO IMPACTS

Durability

Shows excellent features regarding mechanical resistance and durability, using metallic PET coating, making it suitable for contact with food products and ideal for use in agri-food industry even in the most corrosive environments



ISOLATION

PIR Insulation

Excellent thermal insulation and watertightness, with conductivity values that improve the thermal insulation level, with traditional polyurethane core.



FIRE
RESISTANT

Fire

Excellent fire resistance. The PIR insulating nucleus suffers superficial carbonization, while the inside nucleus remains intact. Altogether, it doesn't contribute to the spread of fire, keeping smoke emissions low.

MATERIALS AND COMPONENTS

Frame

An anodised aluminium frame and false frame of 20 microns is used, disposing double thermal break in the inside, making heating resistance necessary for freezing temperatures.

Innovative system of telescopic frame is used to adapt perfectly the wall fixation to wall panels or brick walls, no matter the length scale (mm, inches..)



Closing system

Upper guide rails made with stainless steel and anodised aluminium, with double fall system to guarantee its hermetic sealing. Guide rails covered with protective bellows which allow the access to regulation, maintenance and repair, with a hygienic and aesthetic design.

Anodised aluminium side guide with hidden screws, hygienic design with a high resistance polyethylene wheel tread. Transit facilitated by the absence of ground pieces, which avoids accidental impacts on both people and vehicles.

Multipurpose guides designed to reverse the opening direction of the doors during the work.

Great reliability inner and outer handles, whose ergonomic design and quality materials make them the best solution found in the market.

Top coating

We have a wide collection of top coatings available to guarantee the maximum durability, even in the most aggressive environments. PET 55 and Grantie HDX 55 lacquered steel Inox 304/316.

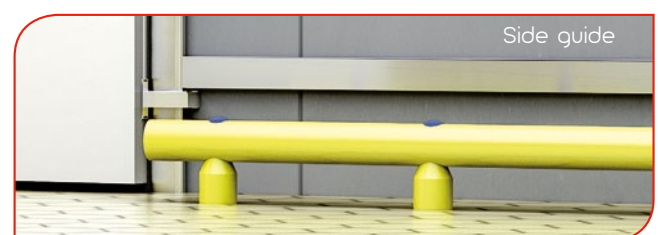
Door leaf

Compact injection leaf format, overlapped to the frame, built up with the bending of certified structural steel sheets, without need of perimeter moulding or welding, structural steel plate 0.6mm wide, with PET55 white colour coating. This PET coating involves an excellent resistance to chemical products, manipulation, humidity and scratches. The sheet owns a double weatherstrip made with flexible EPDM which guarantees the perimeter sealing and its tightness.

The PET coating (with polyethylene film) behaves specially well in aggressive environments, where a food certification is needed to use with food. It has been tested on the IANESCO laboratories (Inform Essay nº 3843. Result: **FIT FOR USE WITH FOODSTUFFS**).

Coating

Rigid foam core with polyisocyanurate foam (PIR). Nominal density 40-45 kg/m³, shows excellent behaviour to fire, and its high insulation capacity highly improve the features of the PUR traditional polyurethane. Together with that, the PIR foam doesn't absorb the water so its insulation capacity is not very resistant to chemicals, not allowing any grow of fungi and bacteria inside it.



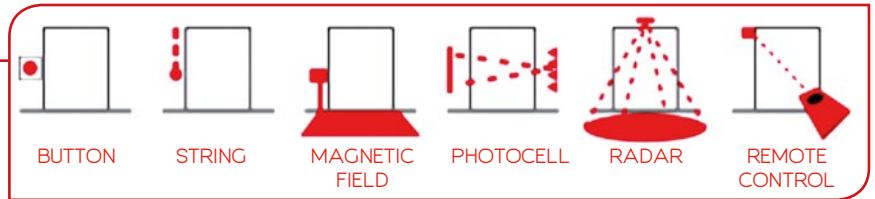
Colours

We have a great variety of RAL colors available to attend every customer's needs.






OPTIONS

- ✓ Automation
- ✓ KIT-EXPORT modular system
- ✓ Key Lock (Manual/Automatic)
- ✓ ISO - eyehole
- ✓ Polyethylene/stainless leaf coating
- ✓ Bright lacquered TRAFFIC frame RAL 1026 - RAL 2005
- ✓ High pass frame / Frame allows forklifts through.
- ✓ Chapel system for air passage
- ✓ Double leaf opening system
- ✓ Printed Walkway door



TECHNICAL FEATURES

Model	KSC	KSF	KST
Environment (T°)			
Fridge (0°C - +8°C)			
Freezer (0°C - -20°C)			
Tunnel Freezer (0°C - -40°C)			
Materials			
Structural steel leaf thickness	S220GD / 0,6 mm	S220GD / 0,6 mm	S220GD / 0,6 mm
Metal coating	PET 55 µ Stainless prelacquered white	PET 55 µ Stainless prelacquered white	PET 55 µ Stainless prelacquered white
Nominal Leaf Thickness	100mm	120mm	140mm
Foam	PIR (40-45kg/m3)	PIR (40-45kg/m3)	PIR (40-45kg/m3)
Thermal conductivity	0.020 W/mK	0.020 W/mK	0.020 W/mK
Heating resistance		30W/m	50W/m
Measurements			
Commercial standard measures	1500*2200	1500*2200	
Industrial standard measures	2200*2700	2200*2700	
Maximum measures (*)	3000x4500	3000x4500	
Panel shaft width	Light width+60mm	Light width+60mm	Light width+60mm
Panel shaft height	High light+30mm	High light+30mm	High light+30mm
(*)Special measures upon specific demand to the technical department			
Generic Plans			
Outer Frame Width	Light width+260mm	Light width+260mm	Light width+260mm
Outer Frame Height	High light+130mm	High light+130mm	High light+130mm
Upper Guide Length	2 x Light width + 250mm	2 x Light width + 250mm	2 x Light width + 250mm
Side Guide Length	Light width + 200 mm	Light width + 200 mm	Light width + 200 mm
Top Guide Height	High light + 250	High light + 250	High light + 250
Automatic Top Guide Height	High light + 270	High light + 270	High light + 270
Ditch Dimensions			
Ditch length		Light width + 300	Light width + 300
Ditch width		80 mm	80 mm
Ditch depth		40 mm	40 mm