

Data sheet

Refrigerated sliding fire door

REFRIGERATED SLIDING FIRE DOOR



The **Kaviddoors sliding fire door**, model Ei2-60, has been manufactured basically with stainless steel, both the structural elements of the leaf, frame and hardware, managing to withstand the tests to which they have been submitted for approval. The pivoting firebreak refrigeration door can be manufactured for storage (+ 0°C) and freezing (-20°C / -40°C) chambers. It has passed the fire resistance test according to Ei2-60 regulation. **High level of tightness**, thanks to **Quad-Core** insulation and gasket intumescent installed on the perimeter of the door.

Options

✓ Manual or automatic.

✓ Without door closers.

✓ Stainless finish.

Frame

It does not require structure. Self-supporting.

Security systems

Automatic closing in case of fire; **intumescent joints** with expansion of up to 20 times its thickness **to prevent the passage of fire and seal the room** completely.

MFZ automation consisting of a gearmotor with a reversible system, a speed variator connected to the fire alarm center.

Coatings

Wide range of coatings to guarantee **maximum durability, even in the most aggressive environments**: Lacquered steel (bandacolor), AISI 304 / 2B stainless steel.

Panel

Finished in white band sheet or stainless. **High flexibility** gasket for achieve a **perfect tightness**.

Quad-Core thermal insulation protects 20% more than PIR foam. Help the conservation of the environment by **reducing smoke emissions** in a fire and being **free of CFC, HCFC and HFC**.

Maximum beam width	4 m
Maximum passage height	5 m

Temperature	+0 °C	-20 °C	-40 °C
Panel thickness	170 mm	170 mm	170 mm

Guide

Blade slides through **hangers upper** provided in a **guide-rail**. The Nylon bearings **prevent dirt and wear from sticking**.

Anti-fall-anti-tilt safety system patented by Kavidoors that prevents the door from collapsing.

Fittings

Automatic opening and closing. In case of **fire** the automation is closed by the fire alarm signal. Guide and closure system adapted to **withstand high temperatures**.

Special firebreak labyrinth for doors with fall. Specific fastening elements of the leaf to the frame.

QuadCore Insulating Core

23%

More efficient than a panel insulating with PIR type core.

POWERED BY
QuadCore
TECHNOLOGY

28%

More efficient than a panel insulating with PUR type core.

More than double

Insulation than a rock wool core panel



Applus⁺
laboratories

Test standard: UNE EN 1634-1:2006 +A1:2018.

Classification: UNE EN 13501-2:2019



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