

Data sheet

Pivot fire door

PIVOT FIRE DOOR



Kavidoors pivot fire doors are the most common. They have a **fire resistance of one hour**. They are used for pedestrian accesses and not for large passage areas like other fire doors.

Frame

STD39 angle frame. It uses an **innovative aluminum frame and trim out of white pre-lacquer aluminum** with a thickness of 1.5 mm.

Fittings

Reversible mortise lock without anti-panic function. Handle with short shield and black nylon keyhole. Features single axis overhead hinge (minimum 2 units).

Colors

We have a **wide variety of RAL colors** to meet the needs of each client.

Panel

Panel with **58 mm thickness** manufactured by **folding without welding**. **One or two panels** composed of a perimeter frame of anodized aluminum and structure sheet steel of 0.6 mm thickness with white lacquer finish.

It has an **oval sight glass as standard** and lower polyethylene protection.

Rigid polyisocyanurate (PIR) foam core, nominal density 40–45kg/m³. Its **excellent performance against fire** and its high **insulating capacity** substantially improve the properties of foams with a traditional PUR polyurethane core.

UL fire door

For the range of firewalls at Kaviddoors, we have the **certificate of UL compliance** on our standard doors to meet the needs of the **American market**, where compliance with the **ANSI-UL 10B standard** is required.

This door model allows the incorporation of any hardware that has the corresponding UL labeling.

Fire door – Large Tunnel Dimension (GDT)

Double panel **fire door** designed for use in **railway and road tunnels**, where high performance **resistance to pressure is required, both thrust and suction.**

The manufacture of the panels, with a **thickness of 100 mm**, is carried out using tongue and groove panels joined together and enclosed by a U perimeter. Combined with a robust frame and **reinforced and welded hinges**, specially designed for pressure performance, this achieves an optimal set.

Both the active and passive panel are equipped with an anti-panic bar. The active one has a handle with a black nylon blind short shield. The 100x40mm tubular frame is 2.5mm thick.



- 1 Door closer detail
- 2 Handle detail
- 3 Large size fire door
- 4 Hinge detail



Airtightness

It seals the rooms completely, so there is no unnecessary loss of energy.



Fire

Fire resistant up to 60 minutes.



Coating

Hygienic finish.



CE marking

Customizable to project requirements.



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