

# FIRE RESISTANT DOORS

SLIDING  
FIRE DOOR

SECTIONAL  
FIRE DOOR

ROLLING  
FIRE DOOR

GUILLOTINE  
FIRE DOOR

TEXTIL FIRE  
CURTAIN

HINGED  
FIRE DOOR

ACCESSORIES

MULTIPURPOSES

Model **CORFIRE®** FIRE RESISTANT SLIDING MODEL FROM EI 60' TO EI 240'



The **CORFIRE®** fire resistant sliding doors from **Angel Mir®** are made up of one or more sheets, depending on the chosen option, they hung by an upper guide for horizontal movement of the latter by means of hangers with protected bearings, and guided in the lower part by hidden bearings on the opposite side to the closure. All doors have a counterweight system for automatic gravity closure in case of fire.

The sheet is made up of panels joined together by insulating and mechanically resistant joints. Each panel has an approximate width of 1,200 mm and is made up of two galvanized steel sheets with an inner chamber filled with a combination of thermal insulating materials that will prevent the passing of flames and gases, supplying the door assembly with the necessary quality for resistance to fire. The sheet is finished with a closing profile around the entire perimeter. The panel finishing is pre-lacquered in white.

The sliding guide installed in the upper part is a galvanized guide that favours the smooth sliding of the bearing hangers. These hangers, including metal wheels with ball bearings, ensure a perfect and long-lasting operation, as well as a smooth movement. The mobile hanger allows the steel wheels to always be perfectly in contact with the guide. The guide of the door and the end profiles can be fixed to a brick wall, filled block or concrete, or welded to resistant metal structures.

The doors remain open thanks to an electromagnetic device holding them back. When a signal is received from the fire detection system, the power supply to the electromagnet is cut off and the door starts closing thanks to the force exerted by a totally reliable system of cables, pulleys and counterweights until it is completely closed and fitted into the closure and the labyrinths above mentioned, which will guarantee a great sealing.



Test **EI-120** with passage door lacking lower socle.



Test **EI-240**.

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The fire resistant sliding doors offer the possibility to incorporate accessories such as shock absorbers, motors, semi-automatic automatism, speed controls or special handles. They can also be installed outside. Standard finishing in white pre-lacquered sheet and, optionally, in stainless or galvanized steel.

**Angel Mir®** has at your disposal all the classifications for determining fire resistance according to test standards, as well as the CE marking made by laboratories accredited by official Bodies.

In case of fire, **CORFIRE®** guarantees a minimum resistance (of 90, 120 or 240 minutes depending on the model):

### Maximum dimensions

**EI-90 cat. B** (Door tested on both sides)

**Maximum width:** 5,390 mm.

**Maximum height:** 4,280 mm.

**EI-120 cat. B** (Door tested on both sides)

**Maximum width:** 7,000 mm.

**Maximum height:** 6,000 mm.

**EI-120 cat. B** with passage door, peephole and without lower sole (Door tested on both sides)

**Maximum width:** 7,000 mm.

**Maximum height:** 6,000 mm.

**EI-240 cat. B** (Door tested on one side)

Note: Only if the fire arrives from the side without ANY exposed items.

Suitable for areas with high risk of fire, such as battery charging rooms, inflammable areas...

**Maximum width:** 7,000 mm.

**Maximum height:** 6,000 mm.

**Model Telescopic: EI-60 · EI-120**

**Maximum width:** 3,610 mm.

**Maximum height:** 3,880 mm.

**Maximum surface:** 14m<sup>2</sup>



Fire resistant sliding door in pharmaceutical laboratory.



Fire resistant **sliding** door including pedestrian doorway.



Fire resistant **sliding** door in food industry.



Fire resistant **sliding** door in shopping mall.

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Fire resistant **sliding** door with guide cover.



Fire resistant **sliding** door in textile industry.



Fire resistant **sliding** door in paper industry.



Fire resistant **sliding** door with galvanized frame and guide.



Stainless fire resistant **sliding** door with guide cover.



Stainless fire resistant **sliding** door with guide cover.

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Fire sliding door in front of forklift.



Fire sliding door with guide cover.



Fire sliding door in cardboard warehouse.



Fire sliding door in food industry.



Fire sliding door with window gap.



Fire door with insulating canvas speed door.

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**Fire sliding doors with protection fence to avoid possible impacts from forklifts or the door being blocked by merchandise or materials.**

