

Metaflex Medicare E11 30 and 60 minutes fire resistant



Metaflex Medicare E11 is a hermetically sealing sliding door. It complies to the highest safety and fire resistance standards at European level (according EN 1634-1 and EN 1363-1).

Ideal for use in areas where fire resistance, hygiene and the control of air leakage is critical such as operating theatre, intensive care, X-ray department, pharmaceutical clean room and emergency department.



Characteristics



Sliding door system



Door is finished completely flush



Door system is airtight in accordance with ANSI / UL



Fire resistant according to EN 1363-1



Can be implemented radiation resistant



Metaflex Medicare E11 30 - 60 min automatic

Description

Automatically operated air-tight and fire-resistant sliding door. The door is tested according to DIN EN 1634-1: 2014-03 on integrity; flame density and critical strain (E), insulation (I) and radiation (W), with a total construction consisting of a sliding door, rail construction, canopy and wall frame. The door system is provided with failure protection in case of fire by a three-sided labyrinth.

Doorblade

The door blade with fire-retardant properties is 60 mm thick and is finished on both sides with a hard plastic laminate. The profile of anodized aluminum has rounded corners and is flush with the door blade. A continuous neoprene gasket is fitted around the doors perimeter. A heat responsive material is used parallel to the gasket. This combination ensures perfect seal in case of fire.

Wall frame

Stainless steel fire retardant wall frame with a 3-sided labyrinth. The frame has been equipped with a heat responsive material.

Track

Unique patented aluminum track system which enables it to seal perfectly when closed helping to reduce air handling costs, cross contamination and wound infections.

Canopy

Stainless steel canopy or coated aluminum plate finished in RAL 9006 with plastic end caps on both sides. The canopy has a sloping top and can be removed on site for maintenance.

Automation

Automation consisting of a motor, controller and geared belt drive. Standard equipped with a pedestrian passage and sluice operation, interacting with up to three other automatic Metaflex sliding doors.

Operation

Nylon elbow switch, type ES1, on both sides. In addition, the door is equipped with a stainless steel inside and outside opener with lever principle.

Security

Sliding door system is provided with a resistance sensor and an active infrared sensor above the clearance opening.

Options

Window of 400 x 400 mm, 300 x 600 mm or 600 x 600 mm (600 mm height only at inside frame height 2300 mm).

Lead inlay of 1 or 2 mm.

Dimensions

Free passage =
Inside frame width -210 mm

Inside frame width (mm)
1100, 1200, 1300, 1400, 1500,
1600, 1700, 1800, 1850

Inside frame height (mm)
2100, 2300

Wall thickness (mm)
>125

Colours & materials

Doorblade
Sno White (F2296), Polar White (F2255), Folkestone (F7927), Tropical Blue (F2828), Savoy Beech (F2887), Golden Morning Oak (F2510), Sand Maple (F2731)

Wall frame
Stainless steel 304 in finish 2B

Canopy
Coated aluminum (RAL 9006)
or stainless steel 304

Certificates

Air pressure
The sliding door system is airtight to an overpressure of up to 100 Pa according to ANSI/UL 1784:1997, established in Peutzreport B1080-2

Fire protection
30/60 minutes fire resistant according to DIN EN 1363-1:2012-10 DIN EN 1634-1:2014-03

Classifications
E, E11, E12, EW (30 and 60 minutes).

In this review we will give you an idea of our capabilities. We offer not only standard solutions but also custom solutions. Would you like more information? Please contact us, we will gladly think along and advise you.

