



Firescreen Radiation R1 / R2 / R3

FIRE-RESISTANT FIRE CURTAIN

Firescreen Radiation fire-resistant fire curtains are flame-resistant and limit heat radiation to a maximum of 15 kW/m² (W). This prevents temperatures in neighbouring areas of the building becoming so high that fire can occur. Only Firescreen Radiation fire curtains are suitable as a seal for fire compartments.

STANDARD SPECIFICATIONS

Installation:	Inside mount and on the wall.
Application:	Industry, commercial buildings, public buildings, and healthcare institutions, among others.
Function:	Door closes only in the event of a fire alarm.
Fire resistance:	Tested according to standard EN 13501-2. Fire resistance classes: EW30, EW60, and EW90.
Reaction to fire:	Tested according to standard EN 13501-1. Meets the following criteria: B (almost incombustible) S1 (minor smoke development) D0 (absolutely no drop formation)
Material:	Double-walled technical textile, filled with intumescent material Provided with a silicone-based, smoke-proof grey coating.
Material thickness:	8 mm total thickness
Cloth weight per m ² :	2 kg/m ²
Side guide rails:	Sendzimir galvanised sheet steel profile with intumescent strip
Guard:	Sendzimir galvanised sheet steel
Bottom bar:	Steel tubular profile

CONTROL OPTIONS

- GFS (Gravity Fail Safe) - Closure upon loss of power. The fire-resistant fire curtain is equipped with a 230V tubular motor which is driven by the control box of the Firescreen Control. In the event of power failure, the screen closes by gravity. Open/close buttons on the control box of the Firescreen Control to manually operate the system.
- EFS (Electrical Fail Safe) -The fire-resistant fire curtain is equipped with a 24V tubular motor which is driven by the control box of the Firescreen Control and 24V emergency power batteries. In the event of power failure, the screen closes with these emergency power batteries. Key switch for operation/reset.

FIRESCREEN CONTROL

The control box can be connected to the fire alarm system and has LED indicators for:

- Power supply
- Active fire signal
- Maintenance
- Battery voltage (only with 24V)

OPTIONS

- Powder-coating of side guides, guard and consoles in any desired RAL colour.
- Emergency push button
- Smoke and temperature alarms
- Strobe light and/or buzzer
- External LED display
- Emergency power batteries (only for GFS) prevent screen closure in the event of a short power interruption.

- ▲ 90 minutes of fire resistance
- ▲ Installation as inside mount or on the wall
- ▲ Thermal radiation max. 15 kW/m²
- ▲ Tested according to standard EN 1634-1 / EN 15269-11
- ▲ Tested according to standard EN 13501-1
- ▲ Little installation space and side space needed
- ▲ Lightweight

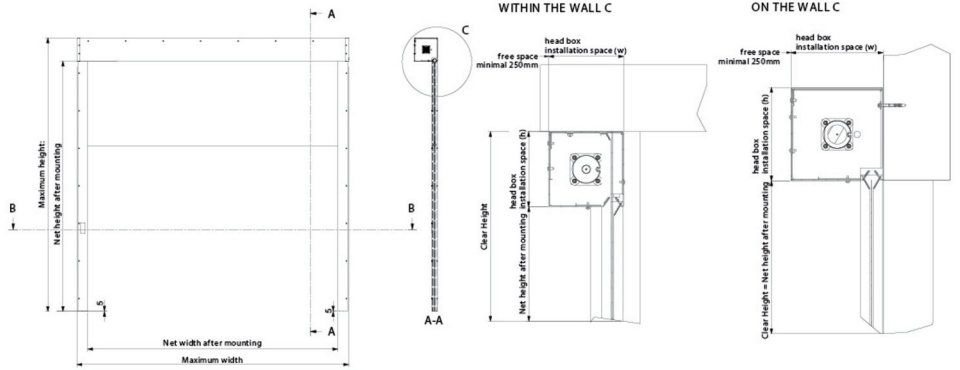


By Appointment
to the Court of
the Netherlands

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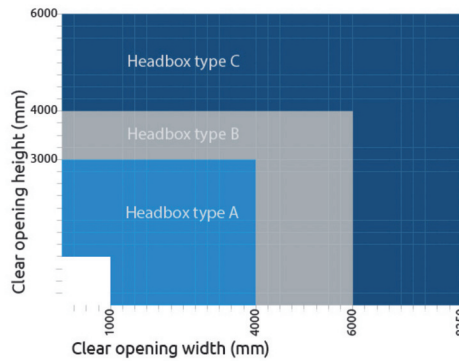
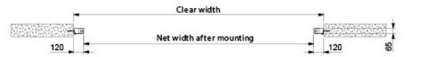
Firescreen Radiation



WITHIN THE WALL B-B



ON THE WALL B-B



Headbox type	Installation space (wxh)
Headbox type A	225 mm x 225 mm
Headbox type B	275 mm x 275 mm
Headbox type C	345 mm x 345 mm



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