

## Firelock Radiation - Conveyor Shutter

### FIRE-RESISTANT ROLLING DOOR

The primary aim of a fire-resistant rolling door is to protect people and property by preventing the spread of fire. Firelock Radiation fire-resistant rolling doors are connected to the fire alarm system. When an alarm has sounded, the conveyor belts around the opening are cleared. The doors close and form a physical barrier. The Firelock Radiation rolling doors are constructed of a double-walled galvanised steel profile filled with insulating rock wool.

### STANDARD SPECIFICATIONS

Installation:	On the wall.
Application:	Airports, retail sector, food processing, petrochemical sector, metro stations, storage units, etc.
Fire resistance:	Tested according to standard EN 1634-1. Fire-resistance classes EW30, EW60, EW90 and EW120 in all sizes.
Max. dimensions:	EW30, EW60, EW90: 3,700 x 4,000 mm (wxh). Height >3.000 mm on request. EW120: max.3,700 wide; max.3,000 mm height (limitations applicable).
Material:	Double-walled, hot-dip galvanised steel, reinforced and insulated slats.
Slat dimensions:	22 x 100 mm (d x h)
Metal thickness:	1.0 mm
Weight:	approx. 30 kg/m <sup>2</sup> .
Fall protection:	Standard installation according to standards EN 12604 and EN 12605.
Side guides:	100 mm wide, galvanised steel profiles.
Bottom beam:	Steel U-profile, optionally provided with safety device.

### FAIL SAFE

Firelock Radiation fire-resistant rolling doors are equipped with an external Gravity Fail Safe (GFS) chain drive. In the event of power failure, the rolling doors automatically close via an internal electromagnetic clutch.

### STANDARD MODEL

- Firelock Smart Control box for operation and signals.
- Push button or key switch for manual operation.
- Gravity Fail Safe (GFS) motor.
- 24V battery backup. In the event of power failure, the rolling door closes after a pre-set period or after a fire alarm.
- Safety braking device, to insure a controlled descent.
- Connection to the fire alarm system.

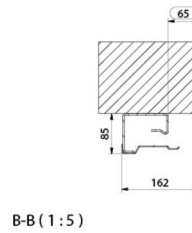
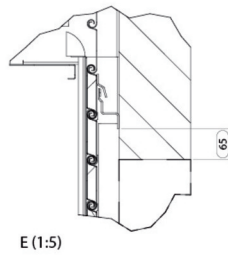
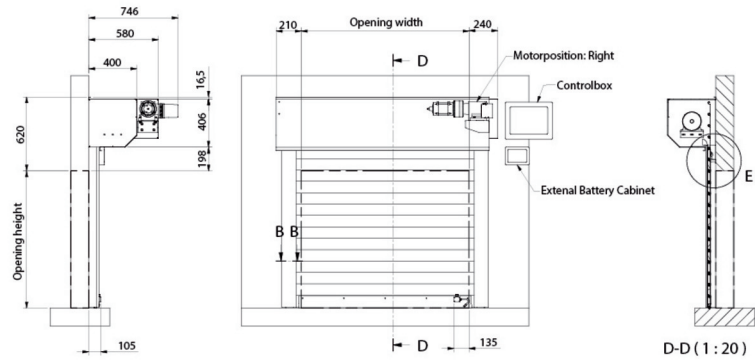
### OPTIONS

- Safety bar
- Rolled door enclosed in housing
- Motor enclosed in housing
- Smoke and temperature sensors for autonomous operation without fire alarm system
- Powder-coated side guides, guard, roller shutter and console

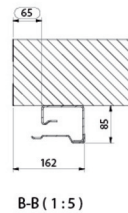
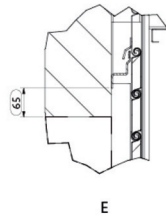
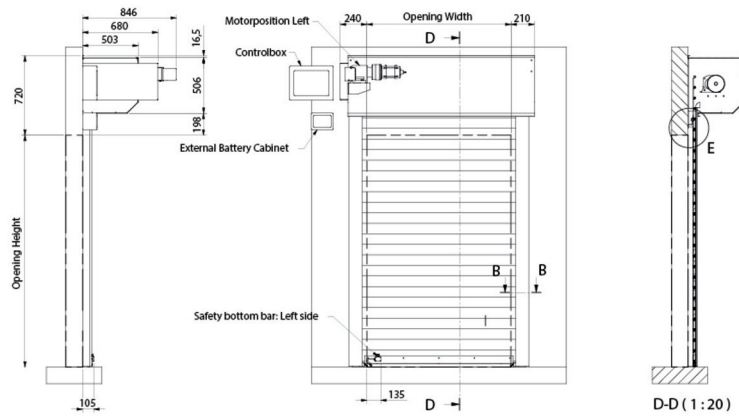
- ▲ 30, 60, 90 or 120 minutes of fire resistance
- ▲ EW classification (standard EN 1634-1)
- ▲ ANSI/UL 10B cert. 20130311-R27553
- ▲ Physical fire separation
- ▲ Suitable for airports, retail sector, industry, etc.
- ▲ Gravity Fail Safe - GFS
- ▲ Various operational options
- Easy to use and maintain



# Firelock Radiation - Conveyor Shutter



Housing 400x400 mm  
(shutter height <2,000 mm)



Housing 500x500 mm  
(shutter height 2,000-3,000 mm)



## Hoefnagels Fire Safety

Zevenheuvelenweg 50  
5048 AN Tilburg

P.O. Box 5036  
5004 EA Tilburg  
The Netherlands

Tel. +31 13 4625959  
info@hoefnagels.com  
www.hoefnagels.com

