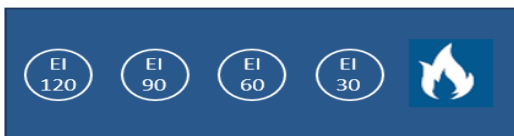


Fire Curtain NFC EI30-120



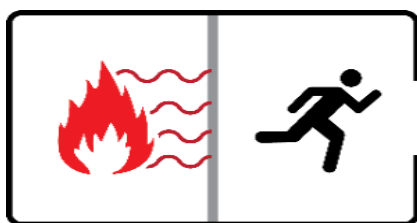
According to the new requirement for CE marking of motor-driven fire curtains, the composite product must be certified to comply with both the Machinery Directive 2006: 42: EC, EMC 2014/30 / EU and the Building Products Regulation EN 16034: 2014 (Product standard functional properties - Fire resistance and / or fire gas protective properties). Smoke tightness is tested according to EN 1634-3 for both cold gases and hot gases.

Fire curtain NFC EI is tested according to the new EN standard EN16034-1: 2014 and EN13241. The composite product complies with the Machinery Directive.

The fire curtain is approved in both class EI1 and EI2:

EI1: The average temperature increase on the unexposed side shall be limited to 140 ° C above the initial mean temperature, with maximum increase at any point limited to 180 ° C

EI2: The temperature increase at any point shall be limited to 360 ° C measured at 100 mm from the curtain.



EI-klass

Fire curtain NFC EI class

Up to 120 minutes insulation without sprinkler:

Fire curtain EI-class is made of 9 mm heat-resistant fabric with insulation material that swells in case of fire.

Fire classification: up to EI2-120, EI1-60

Heat radiation 3.6 kW / m² with EW120

Smoke intensity S1

Weight: Fabric 6 kg / m². Construction: 10 kg / m²- Max format: 13000x8000 mm.

Operation: Motor 1 phase 230V 5A

Options:

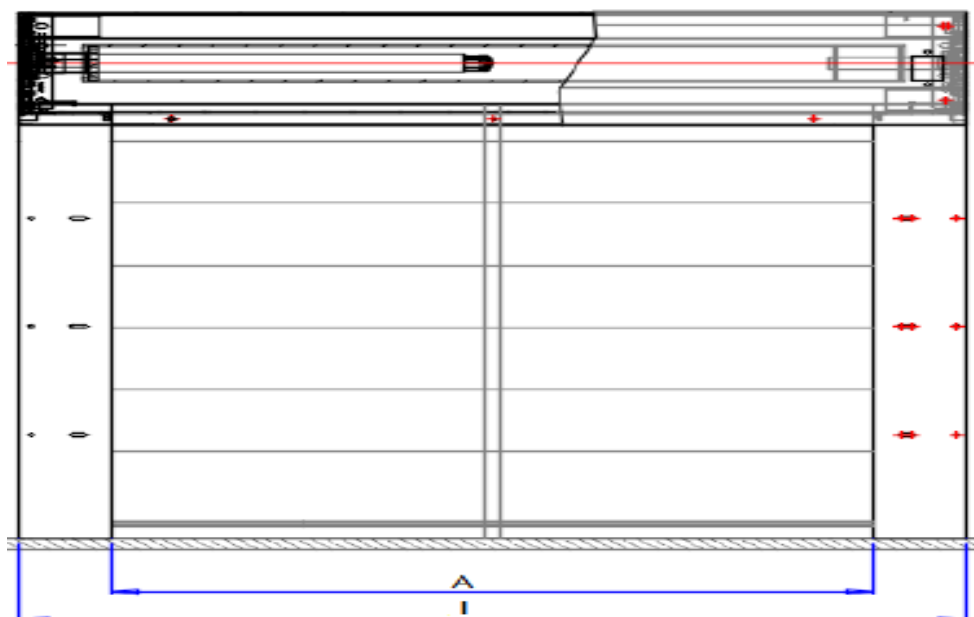
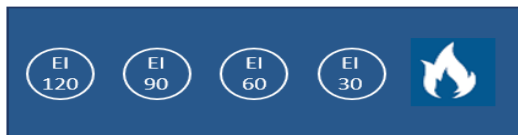
Smoke density Sa

Battery backup: temporary backup power in the event of a power failure.

Gravity fail safe: Automatic drop in the event of a power failure



Fire Curtain NFC EI30-120



A) Opening Width

Total Opening Width
 Min. 1000 mm
 Max. 8000 mm

Total Width: Opening Width
 + 240 mm

B) Opening Height

Total Opening Height
 Min. 1000 mm
 Max. 5000 mm

Total Height: Opening
 Height + 670-790 mm

C) Housing + Free Height

D) Housing

Opening Height (B)	Housing (D) i mm
< 2750	620x620
< 4000	660x660
< 5250	700x700
< 6500	740x740

E) Free Height To Housing

Height Before Housing
 (E) 50 mm

G) Extra Space Side Guides

Console To Engine Pipe
 (G) 35 mm

H) Sideguide

Width 165 mm
 Depth 70 mm

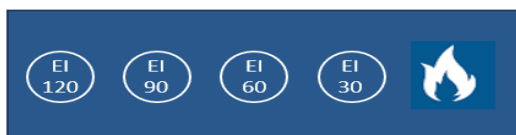
I) Total Width

- (A) Opening
- (H) Sideguide
- (G) Console

B+C) Total Height

- (B) Opening
- (E) Free Height
- (D) Housing





CERTIFICATE OF CONSTANCY OF PERFORMANCE 2434-CPR-0159

In compliance with Regulation(EU) No. 305/2011 of the European Parliament and of the Council of 9th March 2011 (the Construction products Regulation or CPR) as amended, this Certificate applies to the construction product:

Fire Screen Type FS EI60/EI120

in fire resistance class, acc. to PN-EN 13501-2:2016

EI₁60, EI₂120, EW120

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 16034:2014

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

The product is also covered by EN 13241:2003+A2:2016 standard under system 3 of assessment and verification of constancy performance.

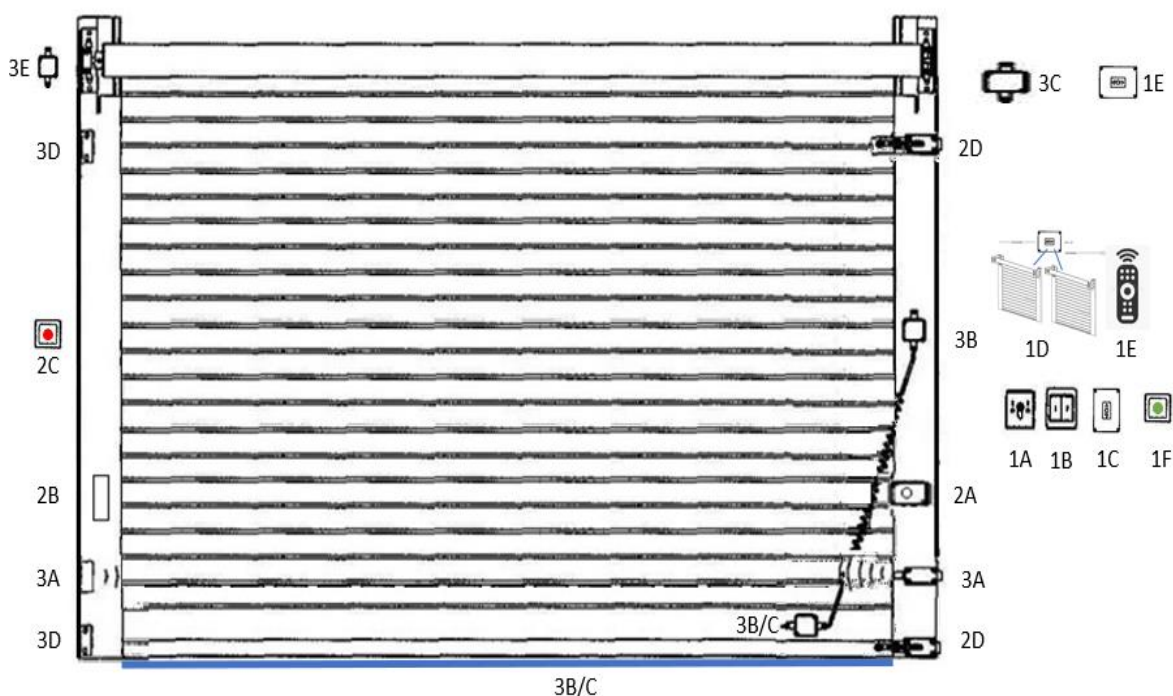
Certificate of Performance Constancy No. 2434-CPR-0159, issued on 14.10.2020.

Product performance characteristics: Fire Screen Type FS EI60/EI120

Essential characteristics	Requirements of EN 16034:2014 standard	Level, class and/or description
Resistance to fire	4.1	EI ₁ 60, EI ₂ 120, EW120
Height x width (max dimensions)	-	width 18 m height 10 m
Smoke control	4.2	NPD
Ability to release	4.3	fulfils
Self-closing	4.4	C
Durability to ability to release	4.5.1	fulfils
Durability of self-closing against degradation	4.5.2.1	Category of use 2
Durability of self-closing against ageing (corrosion)	4.5.2.2	fulfils

The performance characteristics, resulting from EN 13241:2003+A2:2016 harmonised standard, which are subject of the system of assessment and verification of constancy of performance 3, shall be obtained from the product manufacturer's declaration of performance.

Controlpanel Dimon RTM



Programmable Functions

1. Open / Close

- A) Key switch
- B) Knob switch
- C) Card / Tag reader
- D) Co-driving
- E) Remote control
- F) Emergency opening

2. Stop

- A) Lock with microswitch
- B) Electric lock
- C) Emergency stop
- D) Limit switch

3. Security

- A) Photocell - transmitter, reflector
- B) Clamp protection - Optical
- C) Clamp protection - Remote
- D) Magnetic contact - upper, lower
- E) Roll safety

4. Fire functions

- A) Fire alarm
- B) Smoke detectors
- C) Battery backup
- D) Control cabinet / External alarm
- E) Light alarm
- F) Audible alarm

5. Communication

- A) Bluetooth
- B) GSM
- C) NBloT
- D) WiFi
- E) Online Web Application
- F) Connected to the customer's system

6. Power

- A) Engine status
- B) Battery backup