

## DATASHEET — FIRE CURTAIN

# Flammatex EW90

Fire curtain with radiation protection — 90 minutes

E 120

EW90

EN 16034

CE

ISO 9001

## Why choose Flammatex EW90?

**Certified EW90 performance.** Radiation protection in compliance with EN 16034 for 90 minutes.

**Integrity E 120.** Maintains compartment integrity for 120 minutes.

**Large openings up to 5 000 × 4 000 mm.** Single-span coverage of wide architectural openings.

**Discreet design.** Cassette and guide rails can be concealed in the building structure.

**Turn-key delivery.** Product, installation, commissioning and documentation.

## Applications

Atria	Foyers	Stairwells
In front of doors	Lift shafts	Industrial premises
In front of windows	Offices	Escape routes

## Features

Large sizes — up to 5 000 × 4 000 mm	Easy to install
Discreet design	Radiation protection 90 min
All RAL colours	CE-marked to EN 16034
Concealable installation	Fast lead times

## Technical specifications

Property	Specification
Fire classification	E 120 / EW90 (EN 16034, EN 13241)
Smoke leakage	—
CPR number	1396-CPR-0243
Maximum size	5 000 × 4 000 mm (W × H)
Cassette dimensions	200 × 200 mm (W × H)
Guide rails	100 mm wide
Drive and control	Integrated motor with UPS battery back-up
Finish	Powder-coated RAL 9016 (any RAL on request)
Installation	Surface-mounted, recessed or concealed
Substrate	Flexible (timber) and rigid (masonry, steel, concrete)

## Standards and certifications

Test standards	EN 1634-1, EN 1634-3, EN 12605, EN 15269-11
Classification	EN 16034, EN 13501-2, EN 13241
Certification	CE-marked
CPR number	1396-CPR-0243
Quality management	ISO 9001

## Radiation data (measured 20 cm from the curtain)

Time	Radiation	Temperature
30 min	1.0 kW/m <sup>2</sup>	22.6 °C
60 min	2.1 kW/m <sup>2</sup>	43.6 °C
90 min	5.2 kW/m <sup>2</sup>	85.8 °C

Values are indicative laboratory results. For project-specific calculations, please contact BVS Brandskydd.