

NBS Specification

Gilgen Firetex FC Compact – 2 Hour Fire Resistant Fabric Curtain

The 'Compact' is normally supplied in a range of standard sizes, and is fully pre-assembled, pre-wired and factory tested and supplied in a knock down form with fixing templates for easy site installation. The product is specifically designed for small to medium sized applications with automatic fire activation, interface and ease of installation. It is tested by an approved certified body to provide the performance of a fire shutter offering maximum 2 hours fire resistance, with enhanced smoke containment and radiant heat reduction.

Standard details for Gilgen Firetex FC Compact – 2 Hour Fire Resistant Curtain

- **Manufacturer:** Gilgen Door Systems Ltd
- **Product Reference:** Firetex FC Compact
- **Frame finish/
Colour** Manufacturer's standard
Polyester powder coated, BS4800
Polyester powder coated, BS4800 and with stainless steel
grit 31 finish
- **Control:** Manufacturer's standard
Plus controls – local stand alone detection facility with battery
back up

Guidance

As standard

Standards applying to this product

- BS 476 part 22.8 - 2 hrs fire resistance.
- BS 7346-3 Smoke curtain tested.
- BS EN 12101-1.
- BS EN 1363-1.
- BS EN 1634-3.

Operation

Electric via an integral dc motor drive.

Fire curtain material

Stainless steel reinforced fabric of light grey, silver colour

Fire performance

The full product is designed, assessed and tested for fire attack from both sides providing maximum 2 hours resistant in accordance with BS 476 part 22.8 and the latest BSI Life safety amendments.

The fabric has a Class 1 surface spread of flame when tested to BS 476-7 and a fire propagation index I=2.7 when tested to BS 476-6. It is therefore rated Class 0 to the UK Building Regulations. Up to 2 hours fire resistance when tested to BS 476-22.

Weight (door assembly)

15 kg/m².

Environmental ingress protection level (motor and controls)

No performance determined - use in dry, dust free environments only.

Motor drive duty rating

Class S3 – 30%.

Arrangement

Face fixed.

Shutter curtain

AEFP 4/1000 is a composite material of stainless steel mesh and woven glass fibre base fabric, coated with a specially developed reflective micronised aluminium enriched polymer to both sides. Nominal weight is 635 g/m². It has a self-coloured finish.

Operation/ Control

Electric via integral tubular motor (24 volt dc) incorporating 'gravity failsafe brake' and decent speed controller.

Options

Finish

Polyester powder coat white RAL 9010 and with optional colours and alternative stainless steel grit 31 finish.

Dimensions (maximum w x h)

3000 x 2300 mm.

Finish

Metal frame (head boxing and vertical side guide and bottom bar are galvanised sheet steel finished white (RAL 9010), polyester powder coating. Optional polyester powder coat finishes (RAL, BS 4800 none metallic and other colours), can be supplied.

Control

If your alarm cannot provide a 24Vdc 0.5A supply, or there is no alarm, or the curtain is to only operate from a local detector, then control plus will provide a 24Vdc alarm loop to normally closed volt free contacts in your alarm and or local detector, which will operate the Compact Fire curtain. The system also has an integral 24V battery in the control unit which can provide a battery back up in the event of a mains power failure – keeping the curtain retracted for up to 30mins or until the alarm is activated.