

FIRECURTAINS E



SAFECURTAIN is ideal for the fire compartment of large openings up to 20 m. It can be installed on the roof and closes automatically in case of fire. It is designed and manufactured in SAFEDOOR factory, for each opening separately, in custom made dimensions, according to the required specifications.

It covers the specifications of the new Greek Building Fire Protection Regulation - PD 41/2018.

It is certified for E120 according to EN 1634-1 and 120 minutes according to BS 476: Part 22 and BS 7346: part 3 standards.

The fire curtain consists of a special fire-resistant glass fabric, which is sewn to the desired dimensions with fire-resistant thread consisting of stainless-steel wires, lined with cotton fibers. This fabric is fastened on a steel barrel, which is supported on two vertical steel plates installed inside the building opening. Steel bottom bar is applied to the lower side of the fabric for the safe approach of the curtain to the floor.

If an escape route is required inside the fire curtain, a fire-safe escape opening (manhole) certified according to BS 476: Part 22 and BS 7346: part 3 is possible. The operation of the fire curtain is done electrically with a suitable motor through a push button or manually with a chain.

In case of fire, the curtain closes automatically, with or without electrical power, through a special automation, which receives a 24 V DC signal from the fire detection panel. It also has a fuse that activates with a local increase in temperature to 68°C and releases the engine brake, allowing the fire curtain to get closed (fail safe operation).

Technical Data

Classification	E120,/ EN1634-1, E120 / BS 476: Part 22
Max Dimensions (up to)	Width: 20.000mm, Height: 10.000mm
Installation	Masonry / Metallic construction
Fabric	Fire proof glass fabric
Motor	Single phase, side placed 220V
Operation	Auto/ manual
Automation	With 24V DC signal from the building's fire control system
Manhole	Fireproof escape opening (according to BS standards)

Cover box dimensions

Reset	x	y
Manual (metal wire)	455mm	215mm
Auto	455mm	250mm

Side guides dimensions

x	y
130mm	50mm

