FIRECURTAINS EI

The EI Fire curtain is a system for an absolute thermal insulation. It reduces the thermal radiation to minimum level and keeps the surface temperature below the 140 ºC, for at least 60 minutes.

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

It is certified for EI 60 according to EN 1634-1.

The fire curtain consists of a special fire-resistant multilayer silicone coated fabric with insulating material, 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.

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 ºC and releases the engine brake, allowing the fire curtain to get closed (fail safe operation).

Technical Data

Classification	EI 60
Installation	Masonry / Metallic construction
Fabric	Multilayer silicone coated fabric with insulating material
Motor	Single phase 230V AC or three phase, side placed 400 V AC
Operation	Auto/ manual
Automation	With 24V DC signal from the building's fire control system
Manhole	Not available

Cover box dimensions

Type	x	y
EI 60	250 -400 mm	250 - 400 mm

Side guides dimensions

x	y
120mm	80mm

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