

## FIREPROOF ROLLING SHUTTERS E



**The Fireproof Rolling Shutter SAFEROLL is an ideal and economical way, for the fire compartment of large openings . 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 E180 & EW20 according to EN 1634-1 and 240 minutes according to BS 476: Part 22 and BS 7346: part 3 standards.

The fireproof rolling shutter SAFEROLL consists of special fireproof closed horizontal galvanized steel profiles, with curved surfaces for resistance to wind pressure.

These profiles joint together, to form a modular but uniform surface, fastened and rolled onto a steel barrel. It is also equipped with steel fire-resistant galvanized ends at their side edges.

The barrel is made of steel pipe, with a diameter of 139.7 mm in order to meet the European and International standards for the bending arrow effect and in case of fire, do not collapse under temperatures up to 1153 °C.

The operation of the shutter is done electrically with a suitable motor through a push button or manually with a chain.

In case of fire, the shutter 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 shutter to get closed (fail safe operation).

## Technical Data

Classification	E180 / EN1634-1, E240 / BS476
Max Dimensions	Width: 7000mm, Height: 7000mm (or bigger with an assessment report)
Installation	Masonry / Metallic construction
Material	Galvanized steel profile
Motor	Single phase, side placed 220V
Operation	Auto/ manual
Automation	With 24V DC signal from the building's fire control system
Extras	Audiovisual operation signal / Remote control

### Cover box dimensions (for typical dimensions)

### Side guides dimensions

Cover	x	y
Motor side	700mm	500mm
Opposite motor side	500mm	500mm

x	y
160mm	80mm

