

TECHNICAL DETAILS

The PRATIKA EI₁ 30 - EI₂ 60 - EW 90 fire-resistant curtain has been tested to ensure integrity at 1000 °C (Class E), thermal insulation performance (Class I) and 90 minutes' resistance to radiant heat (Class W). The thermal insulation performance on the side opposite the fire ensures a maximum average temperature of 140 °C.

MANTLE

It consists of a non-paintable Simil RAL 9006 finish coat of a different color, constructed from multiple layers of fiberglass fabric reinforced with steel cables and fire-resistant fibers. Inside the fabric, to allow proper vertical tension and to prevent the fabric from curling, the counterweight is integrated into the bottom and is invisible to the outside. The surface is sliding via trolleys attached to the fabric which move on lateral guides with a particular shape that allows them to be housed in the guide.



Normally, the blanket remains wrapped, not exposed, inside the dumpster to be removed only in case of a test or alarm. Metal parts such as guides and headbox are supplied galvanized but can be supplied pre-painted as RAL 8019, 9002, 9010, 9006 or any firepainted RAL to your choice.

MOTOR

The PRATIKA fire curtain is equipped with a tubular motor, is equipped with a tubular motor integrated within the roller inside the headbox, ensuring maximum linearity, compact dimensions, and a clean, functional appearance. The **control unit, supplied as standard**, operates at 230V and is equipped with buffer batteries in case of no power supply. The motor operates on a Gravity Fail Safe system. Upon activation of the fire alarm signal or in the event of a power failure, the curtain descends automatically to its closed position at a controlled speed, ensuring safe and reliable operation.

ACCESSORIES ON DEMAND

- extra for headbox and pre-painted guides similar to RAL 8019 - 9002 - 9010 – 9006. Smoke and thermal detectors.

FIXING

The PRATIKA fire curtain can be fixed directly to masonry or, alternatively, to a certified flexible supporting structure, representing another key advantage of the system. Laboratory testing was successfully carried out using a 100 × 100 × 3 mm tubular structure and two 15 mm thick Knauf GKF protective plates.

THE CUSTOMER IS RESPONSIBLE for ensuring that the supporting structure is correctly designed and sized according to the weight of the fire curtain to be installed.



NORMS

The **PRATIKA** fire curtain complies with the applicable European regulations and is **CE marked** in accordance with **EN 16034:2014** and **EN 13241:2016**. Its performance has been successfully tested and certified by the accredited laboratories APPLUS and T2I.

It complies with the requirements of EN 12604 for personnel protection during unsupervised gravity-operated movement.

Tested in accordance with EN 1634-1, the PRATIKA fire curtain has achieved the classifications EI₁ 30, EI₂ 60 and EW 90 in accordance with EN 13501-2.

The product is supplied with a Declaration of Performance (DoP).

The PRATIKA EI₁30 - EI₂60 - EW90 fire curtain is entirely manufactured in Italy.



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L'informazione soprariportata è soggetta a modifiche/correzioni/integrazioni da parte del produttore, in base alle normative in vigore, senza obbligo di preavviso

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