

RGT EW 30-60-90-120

Fire resistant rolling curtain



Fire resistant rolling curtains are the solution for situations with limited installation space. This, combined with the high fire resistance up to EW 120 minutes, tested according to the EN 1634-1 and classified according to the EN 13501, makes the fire resistant

rolling curtains ideal for locations such as hospitals, office buildings, government agencies, shopping centres and, of course, various industrial applications. The fire resistant rolling curtains are designed for emergency situations and are not suited for daily use.

Curtain

The fire resistant rolling curtain is constructed from a fire resistant, grey, fabric with integrated ribs which ensure the curtain remains in the side guides when pressure is applied.

Side guide

The side guides are specially designed to accommodate the passage of the fabric and are fitted with intumescent material.

Movement system

The movement system consists of two galvanized steel brackets to which the tube is mounted. The brackets are mounted to the tubes to create a self-supporting structure.

Drive system

The fire resistant rolling curtains are fitted with 230V tubular motors

that, through the associated control unit, close automatically in the event of a fire alarm.

An emergency backup battery can be implemented to allow the rolling curtain to remain functional in the event of power failure. Another option is to utilise a "fail safe" tubular motor which uses gravity to close the rolling curtain in the event of power failure.

Operation

As standard, the fire resistant rolling curtains are fitted with a control unit which can accommodate various types of operational devices such as key switches, smoke or temperature detectors and a fire alarm system, if present.

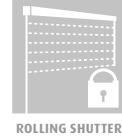
Optional design features

All the steel components of the fire resistant rolling curtain can be coated in any desired RAL colour. All visible steel components can also be manufactured in AISI 304 or 316 stainless steel.



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Classification	Fire rating	max. width	max. height	max. opening
EW	30 minutes	11.250mm	8.000mm	48m ²
EW	60 minutes	11.250mm	8.000mm	48m ²
EW	90 minutes	9.000mm	6.000mm	36m ²
EW	120 minutes	8.000mm	7.000mm	24m ²

Above data based on the following reports:

- SKG/KOMO 09.31.368.02
- TNO/Efectis 2004-CVB-R0281 (classification report according to NEN 6069)
- TNO/Efectis 2005-CVB-R0416 (classification report according to NEN 6069 / NEN-EN 1634-1)



James Wattstraat 14 • 2809 PA Gouda
 Tel. +31(0)182 51 07 77
 Fax. +31(0)182 51 06 23
 info@metacon.nl
 www.metacon.nl