

Bolton Gate Company, the acknowledged leader in the field of rolling fire door technology, introduces a much-improved design of fire curtain to provide not only 2-hour fire integrity between fire compartments but now with a reflective coating which reduces radiated heat to such a large extent that it meets the EW120 classification in accordance with EN 13501-2.

The Fibreroll Rolling Fire Curtain, which has been successfully fire tested to EN 1634-1, offers major advantages over existing designs in that the radiation transmitted through the curtain remains below 15 kW/m² thus protecting people and potentially combustible materials in the vicinity.

STANDARD SPECIFICATION

Curtain

Specially reinforced and coated fibre-glass material which is designed to withstand temperatures in excess of 1000 degrees C.

Steel bobbins are attached to each end of the fabric to ensure that the curtain remains in the side guides even when subjected to differential pressures caused by fire.

The curtain thickness is approximately 0.7mm and the weight 780 grams per square metre.

A steel bottom rail is attached to provide rigidity and act as a weight to assist closure.

Guides

Manufactured from galvanized steel and formed into a slimline profile which is prepared for bolting to the opening structure. Integral rebates are incorporated on which the bobbins engage in a fire situation.

Roller

The roller comprises a 101mm diameter steel tube in which the tubular motor is fitted at one end and steel shafts / discs at the other. The roller is supported at each end on galvanized steel endplates with integral angles for fixing to the bulkhead.

Casing

The roller is covered by a galvanized steel casing which also acts as a fire seal at the head.

MAXIMUM SIZES

30 metres wide x 6 metres high



OPERATION

The curtain is electrically operated by a 240-volt single phase tubular motor and is supplied with a high-level control panel to be connected (wiring by others) to a normally-closed volt-free contact within the building's fire alarm panel.

This system requires a 240-volt single phase three-pin socket within one metre of the control panel; this supply must be installed prior to the installation of the curtains.

The system is failsafe and should the mains supply fail, the curtain closes by gravity.

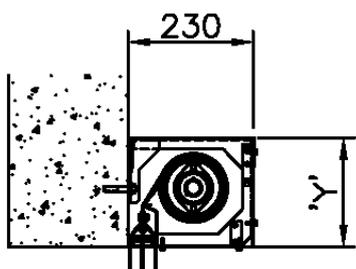
FINISHES

The curtain is self-finished in grey one side, silver the other side with the side guides and roller casing galvanized as standard. The metalwork is also available in a polyester powder coated finish in a wide range of RAL colours.

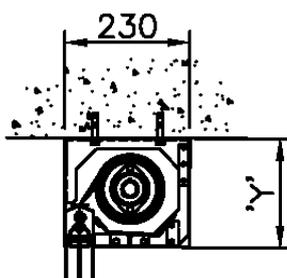
WEIGHT

Approximately 30 kgs per linear metre of width.

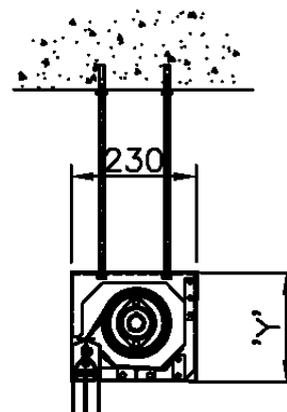
BOX DETAILS



FACE FIXED



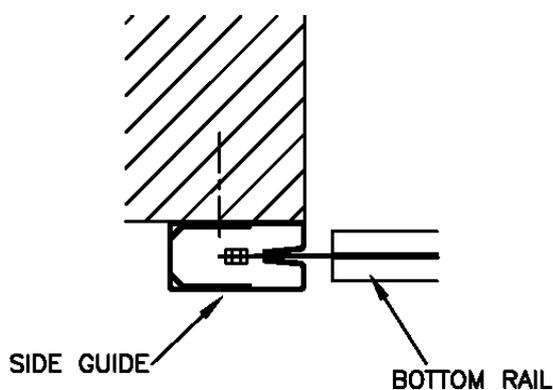
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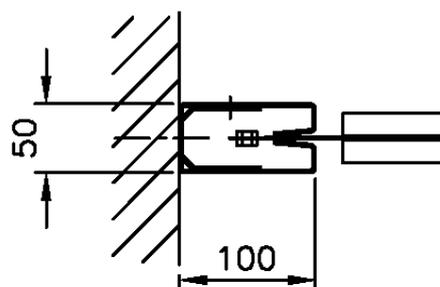
SUSPENDED

OPENING SIZES	'Y'
UP TO 6000 WIDE x 3000 HIGH	200
> 6000 WIDE &/OR > 3000 HIGH	230

JAMB / GUIDE DETAILS



FACE FIXED



FIXED BETWEEN

ALL DIMENSIONS IN mm