

SPECIFICATION

FIRE ROLLER SHUTTERS TUBE MOTOR (2HR Fire Rated)

FIRE RATED ROLLER SHUTTERS

All our fire shutters are manufactured and produced in accordance with the parameters and technical respects indicated within the specification, which was submitted to the Warrington Fire Research Establishment. The shutters are constructed to Warrington Fire Research Centre WARRES No 145904, the test is in accordance with clause 8 of BS476 part 22:1987.

Curtains constructed from a 50mm flat / 76mm curved steel scroll laths interlocked with steel end locks and galvanised t section bottom rail.

Barrel manufactured from mild steel tube, tube size varies based on the overall width and height of the curtain and the gauge of laths. The tube wall thickness varies dependant on the width of the shutter, the barrels are mounted on bright steel shafts varying from 18mm to 30mm dependant on the overall size of the shutter, the shafts have mild steel bearing blocks at non geared end and tubular motor at the geared end.

Guides constructed from 50mm straight channel galvanised guide mounted on 50mm x 50mm mild steel angle(minimum).

Hood formed from 20sg steel sheet, with the top leg slotted for expansion. Dependant on the fire rating of the shutter (i.e 1HR, 2HR) and the size of the opening, the shutter could require a hood support bracket.

Finishes the curtain and guides are galvanised, angles, barrel and end plates are painted.

A paint finish using a polyester powder coating system is available, the colour to a BS 4800 or RAL number subject to availability.

Operation - Electrically operated 1PH

Release Mechanisms - Fire relay & key switch (requires maintained supply, battery back up needed if no maintained supply)
Fire relay, key switch & fusible link (requires maintained supply, battery back up needed if no maintained supply), fusible link if no fire alarm.