



Insulated Roller Shutter Doors

Conserves Heat and Reduces Noise

The panel design of the Insulated Roller Shutter incorporates an insulating thermal foam infill which conserves heat and also effectively reduces noise. Draught insulation is provided by twin brush seals located in the guides, which seal both faces of the curtain and a rubber seals the bottom panel of the door to the floor reducing air flow around the curtain. This combination provides higher performance and reduced fuel bills.

Saves on Space and Installation Costs

Designed to cut space requirements to a minimum. The Insulated Roller Shutter requires very little headroom above the opening, an important feature and major advantage for buildings where due to structural features there is restricted or limited available space. No overhead tracks or support steel, the advance motor drive eliminates the need for complicated counter balance springs, leaving the roof area free for other uses. The compact design also permits faster installation, further reducing costs.

Safe, Secure and Reliable

Security and reliability are major benefits of the Insulated Roller Shutter, with particular emphasis placed on safety. Each door features a direct drive operator for small or medium sized doors the motor unit features an integral safety brake for complete peace of mind. The drive can also have plug in connectors for easy on site electrical connection.

Finishes

The Insulated Roller Shutter can be supplied galvanised or plastisol colour coated in any one of a variety of BS or RAL colours. The twin lath feature allows for the option of both faces being of different colours if required.

Insulation

Insulation inserts of rigid, CFC free, polystyrene can be supplied, cut to size to suit specific customer requirements.



GB 00605

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Insulated Roller Shutter Doors

Composition and Manufacture

Door curtain assembled from 100mm deep, curved face, interlocking laths, formed from cold rolled, pre-galvanised steel, gauge to suit application.

Vertical guides manufactured from at least 3mm thick galvanised steel 'U' section. Captive section available for exposed situations.

Appearance

Laths - standard galvanised finish.

Optional finishes: Laths Plastisol coated in most HP 200 colours or powder coated in range of colours.

Insulation

0.69W/M SQ.K. (curtain only).

Manual

Operation:

Roller manufactured from mild steel tube, inside which tempered helical springs are housed for counterbalance, all mounted on a mild steel shaft. All material specifications are appropriate to door size and weight.

Electric

Operation:

Safedrive direct drive motor, incorporating maintenance free failsafe safety brake within gearbox. TUV certified, complete with pre-wired built on starter, low volt control circuit, integral travel limit switches, auxiliary limit switches, hand chain/hand crank, manual over-ride. IP54 Rated.

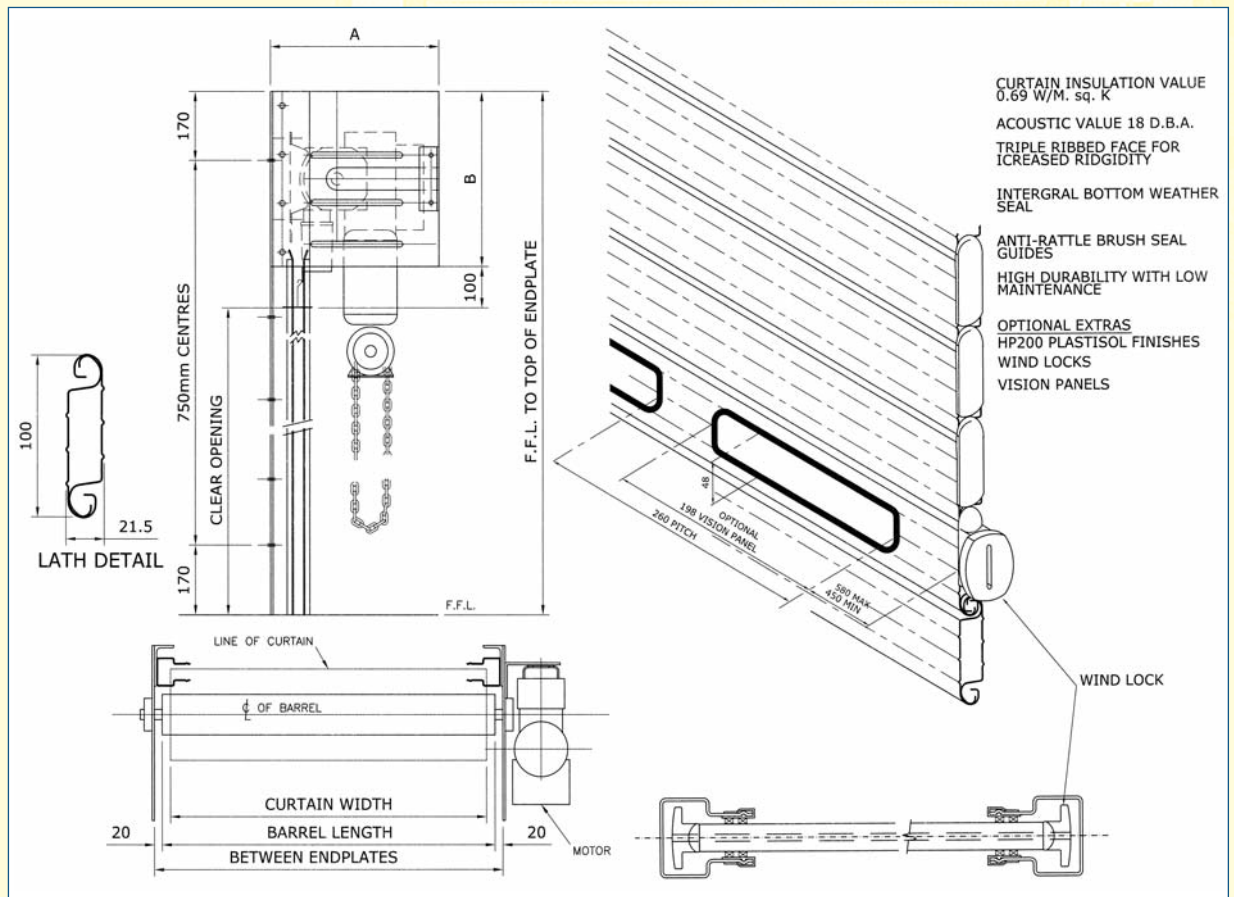
Power Supply: 3-phase, 415V, 50Hz and Earth supply.

Control: Open/close/stop push button station (IP54 Rated) Pre-wired.

Door Guides: Galvanised or silver painted guide welded to 100x65x7mm slotted fixing angles in galvanised finish, guides fitted with twin co-extruded brush seals on both sides.

End Plates: BZP plated face fixed support brackets fitted with sealed roller bearings.

Curtain: Constructed from pre-galvanised material, designed to provide a hollow section panel with CFC and HCFC free thermal infill. Each panel section is 100mm deep with twin-ribbed face for rigidity.



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