GENERAL

Introduction The Mercian S75 galvanised un-insulated roller shutter door is manufactured to specific commercial and industrial requirements to suit regular shaped openings or special application. The advantages of this type of door are that lintels and floor tracks are not necessary and the side guides are usually concealed behind reveals for protection. Compact in design, the door provides minimal intrusion into building space.

Maximum opening size: 12000 mm wide x 12000 mm high, max area 120m².

Special features of this range are:
- Individual lath can easily be replaced if damaged.
- Wide choice of finishes/colours including HP200-HP5200 polyester powder coated.
- Rapid installation by factory trained engineers.
- Special lifting equipment is not required.

COMPOSITION

Curtain Constructed from preformed galvanised steel scrolled lath with ribbed profile at 75 mm centres for extra strength.

Bottom Rail Rigid and robust inverted ‘T’ section in galvanised steel gives additional strength to the bottom of the curtain.

Side Guide Profiled steel section which offers minimum resistance to the movement of the curtain. Flares at the top of the guide provide an accurate lead for the shutter curtain. Stop bars are fitted to the guide at the clear opening height to prevent accidental over travel.

Torsion Springs As required by our design specification. Mild steel heavy duty endplates and rolled steel fixing angles are used to transfer the barrel weight back to the structure.

Locking The curtain is not usually locked with electric operation; a handchain locking box secured to the side guide is provided on manual handchain doors. Additional locks including shootbolts on the bottom rail for customers own padlocks or pinlocks welded to the side guide can be incorporated.

Accessories The following are available as factory fitted extras or as supplementary items at a later date;
- Electrical operation.
- Weather seal to the bottom rail.
- “Stop on Impact” or “Stop and return to open on impact” safety bottom rails.
- Wicket doors.
- Galvanised sheet steel hood, fascias and soffits.

OPERATION

Handchain S75C Preferred for openings over 3000 mm x 3000 mm. Operation is by endless handchain through mild steel spur gears to give ease of operation together with rapid response from fully closed to fully open.

Electric operation S75E 440 volt 3 phase motor with limit switches, push button operation and provision for rapid conversion to emergency manual operation. May be specified as original equipment or as a conversion at a later stage.

Note! All Mercian roller shutter doors are carefully counter balanced for ease of operation, but consideration should be give to frequency of use when deciding on the provision of electrical operation.
SITEWORK

Construction Openings may be formed in masonry, steel or concrete. The Building structure must be suitable to support the loading imposed by the door. Our technical staff will be happy to advise on specific requirements.

SUPPLY

Delivery The doors are delivered to site on Mercian transport. Delivery periods are flexible to meet the demands of our customers but usual delivery times are 2/3 working weeks from settlement of details.

Technical For further information or technical advices please contact our Sales department.

INSTALLATION & MAINTENANCE

The company has teams of specially trained installation engineers and offers a comprehensive programme of preventative maintenance, upgrade and emergency repair service to ALL types of industrial doors, Free survey and quotation service.

Mercian Industrial Doors is a trading name of Mercian Shutters Limited
Pearsall Drive Oldbury West Midlands B69 2RA Tel: 0121 544 6124
www.merciandoors.co.uk sales@merciandoors.co.uk
Mercian Industrial Doors has a policy of continuous product improvements and reserve the right to amend specifications and details without notice.
©Mercian Shutters 2013

Assessed to ISO 9001:2008 Certificate number 355

DHF Door & Hardware Federation Raising standards