



## General

The Mercian brickbond patterned grille is manufactured to specific commercial requirements to suit regular shaped opening or special applications. They offer an extremely cost effective security screen. Easily cleaned when closed and totally unobtrusive when opening they offer the perfect solution to security problems

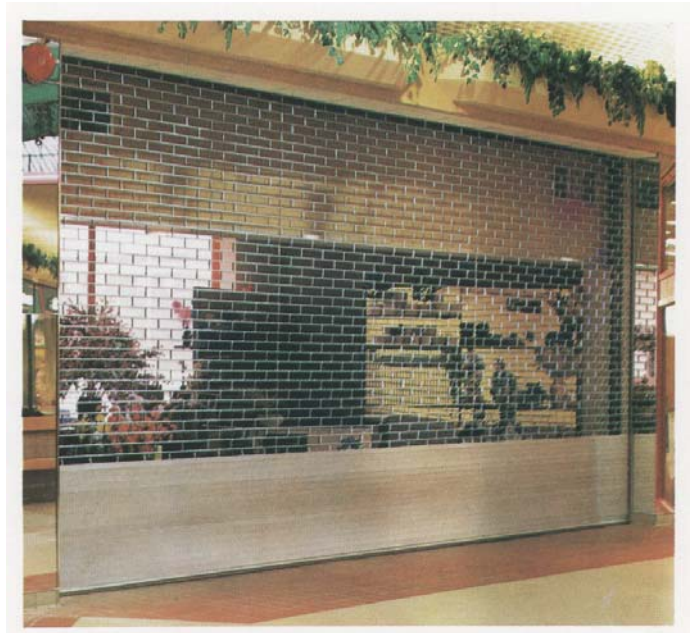
Maximum opening size:

3000 mm wide x 2500 mm high for A227P,

6000 mm wide x 4000 mm high for A227T

Special features of this range are:

- Individual lath can easily be replaced if damaged.
- Wide choice of finishes/colours including mill or anodised aluminium, powdercoated.
- Rapid installation by factory trained engineers.
- Tried and tested design manufactured to a quality control system to ensure long, trouble free life.
- Flexible range of options to suit customers specific requirements.



## COMPOSITION

**Curtain** Constructed from aluminium tubes and links which form a brickbond patterned grille.

**Bottom Rail** Rigid and robust inverted 'T' section in aluminium gives additional strength to the bottom of the curtain.

**Side Guide** Profiled aluminium or 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.

**Barrel Assembly** In steel, providing a fully enclosed assembly for the bearing shafts and tubular motor. This method of construction ensures perfect curtain balance over the full operating range.

**Locking** Curtain locks are a standard fitting for grilles. A bottom rail central lock is offered as an alternative.

## Accessories

The following are available as factory fitted extras or as supplementary items at a later date;

- Electric operation.
- Removable mullions to split large openings into more manageable sizes.
- Hoods, fascias and soffits.

## OPERATION

**Push Pull** For openings up to 3000 mm x 2500 mm. The most common and economical type of operation. Supplied with reach pole for taller height openings. Standard locking with curtain locks.

**Electric operation** 240 volt single phase tubular motor with limit adjustment. Various types of operating switches available. Rapid conversion to emergency manual operation. May be specified as original equipment or as a conversion at a later stage.

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



Assessed to ISO 9001:2008  
Certificate number 355

Mercian Industrial Doors is a trading name of Mercian Shutters Limited  
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Mercian Industrial Doors has a policy of continuous product improvements and reserve the right to amend specifications and details without notice.

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**SITWORK**

**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.

Unless otherwise stated all dimensions are expressed in mm. Tolerances as noted.

**PUSH - PULL A227P**

HEIGHT	A	B
UP TO 3000	345	375
UP TO 2500	320	350

**POWERED A227T**

HEIGHT	A	B
UP TO 4000	400	400
UP TO 3000	345	375
UP TO 2500	320	350

**SIDE GUIDE DETAILS (TYPICAL - MANY VARIATIONS AVAILABLE)**

\* CAN BE REDUCED TO 115 ON SMALL DOORS

**NOTE!** ON SMALLER PLATES IF HCRANK OVERRIDE IS CALLED FOR IT WILL BE ROTATED TO 45°

**MERCIAN INDUSTRIAL DOORS**

Pearsall Drive Oldbury  
West Midlands B69 2RA  
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**1. THE CLIENT MUST ENSURE THAT THE STRUCTURE AROUND THE OPENING IS ADEQUATE TO TAKE:**  
 A) THE WEIGHT OF THE DOOR AND  
 B) SUITABLE FOR THE TYPE OF FIXINGS  
**STANDARD FIXINGS:**  
 M8/M10 BOLTS TO STEEL  
 M10 RAWLBOLTS OR  
 M6 COACHSCREWS WITH PLASTIC PLUGS TO BRICK OR BLOCKWORK

**FOR ELECTRIC MOTOR OPERATED DOORS:**

**ELECTRICAL SPECIFICATION:**  
 CLIENT TO PROVIDE FUSED SPUR WITH 240 VOLT SINGLE PHASE SUPPLY FUSED 10 AMPS ISOLATOR TO BE POSITIONED WITHIN 1 METRE OF THE OPENING ON THE MOTOR SIDE APPROX. 1.5 METRES ABOVE PFL.  
 MERCIAN RESPONSIBLE FOR WIRING FROM ISOLATOR TO MOTOR ONLY.

ALWAYS SWITCH OFF THE POWER AT THE ISOLATOR BEFORE REMOVING OR TOUCHING ANY PART OF THE ELECTRICAL EQUIPMENT  
 YOU SHOULD CONTACT A COMPETENT ELECTRICIAN TO CARRY OUT ANY NECESSARY ADJUSTMENT OR FAULT FINDING

**TYPE A227P**

**TYPE A227T**

**TITLE:**  
 TECHNICAL DATA INFORMATION & TYPICAL DETAILS - 'BRICKBOND' ROLLER GRILLES

**DRAWING No.:** RSDDET18 **REV:** 0

**SCALE:** NTS **PRODUCT:** A227

**FILE REF:** D:\CADFILES\CONTRACT\STANDARD\ROLLER

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