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***XL Mk II Bookroom &
Standard Quality Mk II
Doors***





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XL MK II BOOKROOM DOOR

The XL door is designed to give fire protection and a measure of thief protection to strongrooms used mainly for the storage of books and other vital records.

STANDARD QUALITY MK II DOOR

The Standard Quality Mark II Strongroom door is a heavier version of the XL Mark II Bookroom door giving fire protection and resistance to attack by drills and explosives. Manganese steel over the entire door area is provided plus additional anti-drill protection over locks and vital parts of the bolt-work. An automatic relocking device resists attack on the locks by explosives.

General Specification

Door Frame

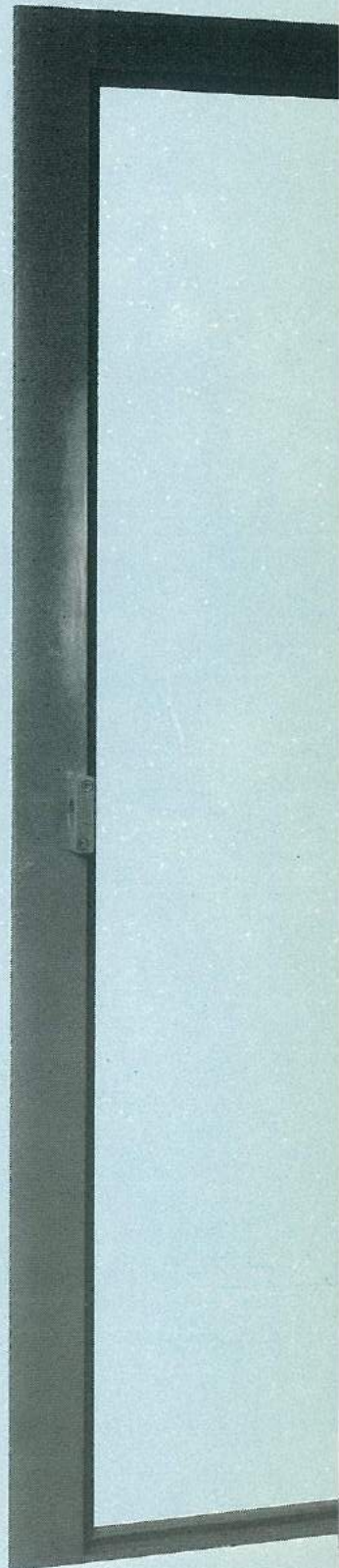
Assembly constructed from rolled steel angles (100 mm x 65 mm x 10 mm) 4" x 2 1/2" x 3/8" and (80 mm x 80 mm x 10 mm) 3 1/4" x 3 1/4" x 3/8" with rebates from 20 mm x 20 mm (7/8" x 7/8") bar. These members are welded together to form a rigid self-supporting structure.

Fire Resisting Chamber

Comprises a steel case and cover plate welded together to form a 2" (51 mm) deep pan which is filled with insulating material.

Lock and Boltwork

The door is secured by 6 x 1 1/2" (38 mm) dia. bright drawn mild steel bolts at front with 6 x 1 1/2" (38 mm) dia. fixed bolts at the hinged side, each engaging behind the continuous rebates of the frame. A variety of locking arrangements, keylock or combination, is available. One keylock supplied as standard.



EMPIRE SAFE CO., INC.
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Photograph of Standard Quality Mk II Door, watertight version with clenching mechanism.

Furniture and Finish

The pull handle and bolt throw handles are finished in SATYLITE chrome with matching escutcheons, dial check locks and blinder shields where required. The door and frame, vestibule, grip frame and gate are finished throughout in high gloss stove enamel.

Water Protection

If required the door can be made of special water-resisting construction.

Door Construction

Doors are constructed from best quality steel.

Types and Dimensions

XL Mk II Bookroom Door

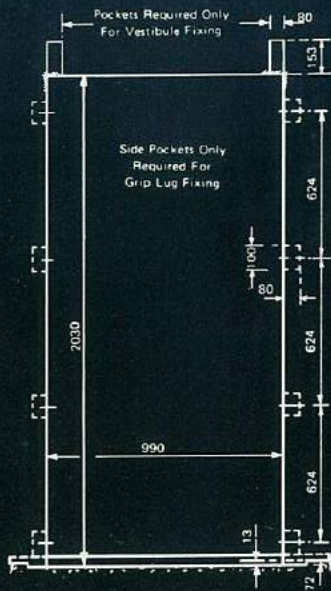
Has a 12.5 mm ($\frac{1}{2}$ ") thick door plate. The lockchamber comprises four rolled steel angles 100 mm \times 65 mm \times 10 mm ($4'' \times 2\frac{1}{2}'' \times \frac{3}{8}''$) which are continuously welded to the door plate, giving a peripheral thickness of 22 mm ($\frac{7}{8}''$). Additional protection over the lock and vital parts is given by specially hardened plates 10 mm ($\frac{3}{8}''$) thick, welded to the back of the door plate.

Standard Quality Mk II Door

Has an outer door plate 12.5 mm ($\frac{1}{2}$ ") thick, lined with drill resisting manganese steel plate with 10 mm ($\frac{3}{8}''$) thick steel backing plate giving a protective thickness of approximately 25 mm (1") over the whole door surface. In addition a 10 mm ($\frac{3}{8}''$) thick plate, specially hardened, covers the lock and vital parts of boltwork. The lockchamber comprises four rolled steel angles 100 mm \times 65 mm \times 10 mm ($4'' \times 2\frac{1}{2}'' \times \frac{3}{8}''$).

Principal Dimensions

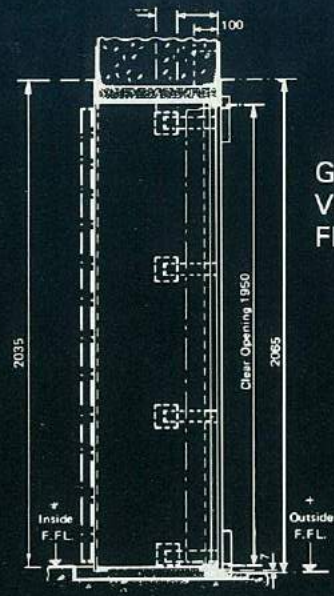
Overall thickness
of Door 152 mm (6")
Clear Opening 1950 mm ($76\frac{3}{4}''$) high \times 865 mm (34") wide
Wall Opening 2030 mm (80") high \times 990 mm (39") wide



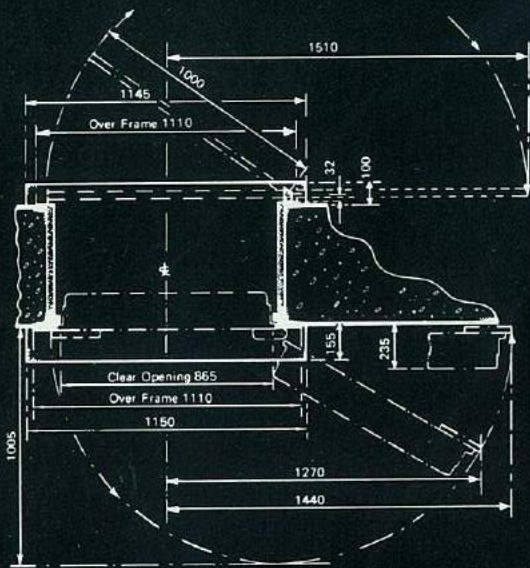
ELEVATION — WALL-OPENING



GRIP LUG FIXING

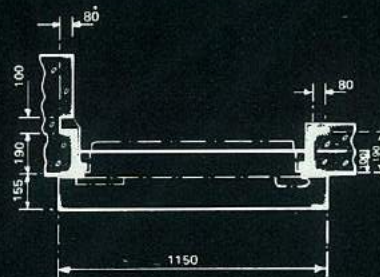


GRIP LUG OR VESTIBULE FIXING



TYPICAL VESTIBULE INSTALLATION

TYPICAL GRIP LUG INSTALLATION



Note:

- * Inside floor level can be made flush with bottom vestibule plate after installation.
- + Recommended clearance between outside F.F.L. and bottom edge of door 7 mm.

Note:

Pit area and pockets to be made up after door is installed.
 Drawn for door hung right, all details applicable for doors hung left.
 All dimensions in millimetres.

The frame may be secured in the wall by one of the following arrangements —

1. With four grip lugs at each side which grip the wall and are subsequently covered by the rendering of the wall opening.
2. With a grip vest connected to the Door frame.

Grip Vestibule

A vestibule comprises four 5 mm (3/16") thick steel plates, these are bolted together to form a single rigid structure and secured to the door frame on four sides.

A non-slip safety pad is bonded to the floor of the vestibule during installation.

Grille Gate

A grille gate is constructed of 50 mm x 6 mm (2" x 1/4") steel flat bars with 16 mm (5/8") dia. round steel bars and may be hinged on the right or left hand side of the grip vestibule and can be supplied with single or dual locking as required. The gate locks into the grip vestibule with a 19 mm (3/4") dia. sliding bolt, which is locked with a seven lever high security keylock.

We reserve the right to incorporate any improvements and alter any specification without prior notice.

By virtue of the Trade Descriptions Act, all measurements must necessarily be considered to be approximate.