

SPECIFICATION :

1. GENERAL

PROVIDE AND FIX.....(NO. OFF) MASTERBILT FIRE/CYCLONE SHELTER DOOR ASSEMBLY OF HR. (INSERT 1, 2 OR 3) FIRE RESISTANCE RATING, TOGETHER WITH FRAME, LOCK OR LATCH AND DOOR CLOSER ALL AS TESTED UNDER A.S.A.30, 1958 AND CONSTRUCTED OF MASTERBILT PATENTED METAL INNER FRAME CONSTRUCTION. DETAILS AND INSTALLATION TO BE IN ACCORDANCE WITH A.S. CAST.1, 1972 - FIRE DOOR CODE. IN ADDITION DOOR LEAF IS FINISHED ON IMPACT FACE WITH A PROTECTIVE, PREFINISHED ('COLORBOND') STEEL SHEET.

2. DOOR LEAF PANEL

30mm NOM. TH. DOOR LEAF DOOR SIZES FOR 1, 2 AND/OR 3 HOUR FIRE RATING ON APPLICATION.

3. DOOR LEAF CONSTRUCTION

- (a) AS PER FIRE TESTED PROTOTYPES INCORPORATING A METAL CHANNEL INNER FRAME COMPONENT 25mm x 12.5mm x 1.2mm TH. FOR POSITIVE HINGE HOLDING AND LONG-LIFE EASE OF OPERATION, AND AN ANTI-FLASH CORE.
- (b) FACING : (i) TO IMPACT FACE : 1mm ZINC STEEL SHEET OR PREFINISHED ANTI-CORROSION STEEL SHEET ('COLORBOND') GALVED ONTO PLYWOOD BACKING AND (ii) TO NON-IMPACT FACE : 4mm PLYWOOD AS PER FIRE TEST PROTOTYPE.
- (c) EDGING : CONCEALED TIMBER DRESSING STRIPS TO PERIMETER OF DOOR LEAF.

4. DOOR FRAME

- (a) AS PER FIRE TESTS AND GENERALLY IN ACCORDANCE WITH A.S. CAST.1, FIRE DOOR CODE.
- (b) PROFILE : MASTERBILT DOUBLE OR SINGLE REBATED KNOCKDOWN TYPE HAVING NOM. 30mm x 25mm DOOR LEAF REBATE, 38mm ARCHITRAVE AND 10mm QUIRKS EACH SIDE OF THROAT OPENING WHICH IS VARIABLE TO SUIT WALL THICKNESSES AS REQUIRED BY THE AUTHORITIES.
- (c) METAL : PREPARED (ANTI-CORROSION) 6mm THICK.
- (d) REVEAL SIZE : TO SUIT DOOR LEAF SIZE NOTE THAT CLEARANCES BETWEEN DOOR LEAF AND FRAME ARE
 - (i) AT HEAD AND STILES - MAX. 4mm
 - (ii) FLOOR CLEARANCE - MAX 6.5mm (BOTTOM OF FRAME AT FINISH FLOOR LEVEL).
- (e) LOCK STILE : PREPARED FOR TESTED TYPE STRIKER PLATE CENTRELINE MAX. 1123mm HT., MIN. 1067mm

HT. ABOVE BOTTOM OF FRAME. (AS PER FIRE TEST)

- (f) HINGE STILE : PREPARED FOR 3 NO. 100mm x 100mm LOOSE PIN, STEEL BUTT HINGES SLOTTED AND WELDED TO FRAME IN STANDARD POSITIONS AS PER FIRE TESTS.
- (g) HEAD OF FRAME : CAN BE SPECIALLY PREPARED FOR MORTICE TO MORTICE DOOR CLOSER ARMS ONLY. THIS IS NOT STANDARD.
- (h) BACKPLATES : 3mm M.S. WELDED ON ADJACENT TO STRIKER PLATE AND AS REINFORCING FOR SURFACE MOUNTED CLOSERS AT HEAD OF FRAME.
- (i) MORTAR GUARD : STANDARD PRESSED METAL GUARDS ARE WELDED ON TO PROTECT FRAME CUT-OUTS.
- (j) SPREADER BARS : NO. REMOVABLE M.S. ANGLE SKEW FIXED TO FRAME AT COUNTERS EACH SIDE.
- (k) RUBBER BULBS : SUPPLIED PREFITTED TO FRAME.

5. HARDWARE

- (a) LOCKS OR LATCHSETS : AS PER A.S. CAST.1. A LARGE VARIETY OF TUBULAR, CYLINDRICAL AND MORTICE TYPES HAVE BEEN INCLUDED IN FIRE TESTS.
- (b) DOOR CLOSER : AS PER A.S. CAST.1. A LARGE RANGE OF SURFACE MOUNTED AND CONCEALED (WITH COVER PLATE ONE SIDE) TYPES HAVE BEEN INCLUDED IN FIRE TESTS.

6. INSTALLATION

STRICTLY IN ACCORDANCE WITH A.S. CAST.1, 1972 - FIRE DOOR CODE.

7. LABELLING

- (a) FIRE DOOR ASSEMBLY COMPLETE : AS REQUIRED UNDER A.S. CAST.1, 1972.
- (b) CYCLONE CHARACTERISTICS IDENTIFICATION : EACH INSTALLED CYCLONE SHELTER ASSEMBLY IS TO BE FITTED WITH A MECHANICALLY FIXED METAL IDENTIFICATION LABEL ON LEADING STILE EDGE OF DOOR LEAF THE LABEL SHOULD IDENTIFY THE MANUFACTURER AND STATE DELIBERED TO COMPLY WITH CLAUSE 55.17 N.T. BUILDING MANUAL 1975. TESTED WITH 8kN x 30mm FIRE FORCE
- * COLORBOND IS AVAILABLE IN CHOICE OF 3 COLOURS
 - WHITE
 - OLIVE BRONZE
 - GULL GREY

THIS SPACE LEFT BLANK FOR INCLUSION OF INFORMATION APPROPRIATE FOR A PARTICULAR HOUSE SPECIFICATION

HOUSE DETAILS		FIXING OF MASTERBILT FIRE/CYCLONE SHELTER DOOR ASSEMBLY.	
OWNER:		SPECIFICATION SHEET 1/1	
LOT NO:			
STREET:		NORTHERN TERRITORY CYCLONIC AREAS	
DISTRICT:		APPD: <i>[Signature]</i> DATE: 12.10.79	DWG. NO M/40/P.02 DATE 10/9/79
TERRAIN CATEGORY MULTIPLYER:		BUILDING SECTION ISSUE 1/7/78	