

SPECIFICATION :

1. GENERAL

PROVIDE AND FIX (NO. OFF). MASTERBILT CYCLONE SHELTER HINGED DOOR ASSEMBLIES (PATENT PENDING) INCLUDING THREE-SIDED DOOR FRAME AND BUILDING-IN FIXINGS AS MANUFACTURED BY MASTERBILT INDUSTRIES (AUST) PTY. LTD. TOGETHER WITH HARDWARE AND FURNITURE AS DESCRIBED HEREINAFTER.

2. DOOR LEAF PANEL

2040mm HIGH x 820mm WIDE x 41mm OVERALL THICKNESS DOOR LEAF TO SUIT PRESSED METAL DOOR FRAME DESCRIBED BELOW.

3. DOOR LEAF CONSTRUCTION (PATENT PENDING)

- (a) **CORE :** STRUCTURAL GRADE ANTI-ULCUS TREATED SOFT-WOOD SLATS 25mm x 25mm RUNNING HORIZONTALLY ACROSS DOOR WIDTH AND EDGE BONDED TOGETHER WITH THERMOSETTING RESIN ADHESIVE.
- (b) **SUBSTRATA TO IMPACT FACE :** THREE LAYERS OF M.R. MUST SPECIES WOOD VENEERS BONDED TOGETHER AND TO CORE WITH THERMOSETTING RESIN ADHESIVE.
- (c) **RESILIENT MEMBRANE TO IMPACT FACE :** 45mm NOM. TH. LATEX-BASED SYNTHETIC SHEET BONDED TO SUBSTRATA WITH ELASTOMERIC ADHESIVE.
- (d) **FACING :**
 - (i) TO IMPACT FACE : 1mm ANTI-CORROSIVE PREFINISHED STEEL SHEET ('COLORBOND')
 - (ii) TO NON-IMPACT FACE : PLYWOOD MADE UP OF THREE LAYERS OF VENEER.

4. DOOR FRAME

- (a) **PROFILE :** MASTERBILT DOUBLE REBATED AND LOCKDOWN TYPE HAVING 10mm DOOR STOP, 38mm ARCH TRAVES AND 10mm CHAIRS EACH SIDE OF THE AT OPENING WHICH IS VARIABLE TO SUIT WALL TYPES AND FINISHES REQUIRED BY THE AUTHORITIES.
- (b) **METAL PRESSED STEEL (ANTI-CORROSIVE) :** 1.2mm THICK.
- (c) **RYM SIZE :** 2055mm HIGH x 825mm WIDE.
- (d) **LOCK STILE :** PREPARED OR STAPLESS STEEL STRIP PLATE (SCHLAGE) AT CENTRE LINE 1040mm FROM BOTTOM

- AND 12mm DIAM HOLES (2 No.) FOR ENGAGEMENT OF BOLTS AT 150mm ABOVE AND BELOW BOTTOM AND HEAD REVEAL OF FRAME RESPECTIVELY.
- (e) **HINGE STILE :** PREPARED FOR 3 No. 100mm x 75mm LOOSE PIN ZINC-PLATED STEEL BUTT HINGES SLOTTED AND PRE WELDED TO FRAME AT 230mm DOWN FROM HEAD REVEAL 230mm UP FROM BOTTOM AND CENTERED BETWEEN (NOTE: BACKPLATING OF HINGES - OPTIONAL EXTRA)
- (f) **BACKPLATES :** 3mm TH. S.S. WELDED ON ADJACENT TO STRIKER PLATE AND HINGES, IF REQUIRED.
- (g) **MORTAR GUARD :** STAINLESS PRESSED METAL GUARD WELDED ON TO PROTECT LOCK STRIKER PLATE.
- (h) **SPREADER BARS :** TWO REMOVABLE M.S. ANGLE SECTIONS FIXED TO FRAME ARCH TRAVES EACH SIDE.
- (i) **RANSET PLATES :** OPTIONAL, FOR FIXING BOTTOM OF FRAME TO FLOOR.
- (j) **BUILDING IN :** WIRE TIE ANCHORS (10 No.) ARE STANDARD FIXING (ALTERNATIVE FRAME FIXINGS TO SUIT VARIOUS WALLS ARE AVAILABLE UPON REQUEST) - SOLIDLY GRIT UP BACK OF FRAME WITH MORTAR.
- (k) **DOOR STOP :** SUPPLIED PREFITTED TO DOOR FRAME.
- (l) **ARCH TRAVES :** SUPPLIED PREFITTED TO DOOR FRAME.
- (m) **CLEARANCES - DOOR IN FRAME**
 - (a) HEAD AND STILES - 4mm
 - (b) FLOOR - 10mm MAX (RECOMMENDED)
- (n) **HARDWARE**
 - (a) **DOORSET :** 'SCHLAGE' DEAD LATCHING HO SERIES CYLIND (1 No.) WITH 60mm BACKSET AND S.S. SHOOT BOLT HAVING 13mm THICK
 - (b) **BOLTS :** 'R.B. DAVIES' TYPE 150mm LONG SURFACE MOUNTED HORIZONTALLY FIXED SECURITY BOLTS (2 No.)
- 7. INSTALLATION**
STRICTLY IN ACCORDANCE WITH MANUF'S PRINTED INSTRUCTIONS
- 8. LABELLING**
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 "DEEMED TO COMPLY WITH CLAUSE 53-17 N.T. BUILDING MANUAL TESTED WITH 800 x 300mm FORCE."
- * 'COLORBOND' IS AVAILABLE IN CHOICE OF 8 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 HINGED CYCLONE SHELTER DOOR ASSEMBLY (PATENT PENDING)	
OWNER		SPECIFICATION SHEET 1/1	
LOT NO		NORTHERN TERRITORY CYCLONIC AREAS	
STREET		APPD <i>[Signature]</i>	DWG NO M/401/HD2
DISTRICT		DATE 12.10.78	DATE 10/9/78
TERRAIN CATEGORY MULTIPLYER		BUILDING SECTION ISSUE 1/778	