

SPECIFICATION:

1. GENERAL

PROVIDE AND FIX (NO OFF) MASTERBILT CYCLONE SHUTTER ASSEMBLY (PATENT PENDING) COMPETE WITH (STATE, SIDE-HUNG, PIVOTTED OR FIXED), COMPONENTS AND ACCESSORIES AS MANUFACTURED BY MASTERBILT INDUSTRIES (ASST) PTY LTD AND HERE NUMBER DESCRIBED.

2. LOUVRED SHUTTER PANEL

RECOMMENDED MAX SIZE 2400mm HIGH X 1200mm WIDE X 50mm NOM. TH OVERALL OF PERIMETER SUB-FRAME TO SUIT WINDOW OPENINGS MAX: 2300mm HIGH X 1100mm WIDE (STRUCTURAL OPENING SIZE)

3. SHUTTER PANEL CONSTRUCTION (PATENT PENDING)

THE ENTIRE SHUTTER PANEL IS MANUFACTURED FROM ANTI-CORROSIVE SHIMMY STEEL, AND IS STOVE ENAMELED FINISHED STANDARD FINISHES AVAILABLE IN WHITE, BRIGE, GREEN, OTHER COLOURS ON APPLICATION

(a) PERIMETER SUB-FRAME AND MID-RAIL: DOUBLE CHANNEL SECTION INTERLOCKING STILES, EACH CHANNEL 50mm X 25mm X 1.6mm NOM. TH. HEAD, BOTTOM AND MID-RAIL ARE 50mm X 50mm X 1.6mm COLD ROLLED SQUARE STEEL TUBES. STILES ARE PRE-SLOTTED TO RECEIVE LOUVER BLADES, OTHER MEMBERS ARE PREDRILLED FOR VERTICAL STEEL TIE RODS. ALL FRAME MEMBERS ARE LOCALLY REINFORCED TO RECEIVE APPROPRIATE FIXING COMPONENTS

(b) LOUVRED BLADES: HORIZONTAL TYPE, NOM. 1mm STEEL OF 3" SHAPED PROFILE AND SET AT 3° PITCH. EACH BLADE OVERLAPS THE NEXT BY 2mm MIN. TO ENSURE MAXIMUM HORIZONTAL SUN-SHADING

(c) BLADE FIXINGS: (i) TIE ROD - A VERTICAL STEEL TIE ROD (16mm) PENETRATES EACH BLADE AS STIFFENER TO MINIMIZE RATTLE AND IS TENSIONED BY MEANS OF SURFACE MOUNTED THREADED CONNECTORS AFTER PASSING THROUGH TOP AND BOTTOM SUB-FRAME MEMBERS

(ii) STILE CONNECTOR - EACH BLADE PENETRATES THE SLOTTED STILES AND IS SECURELY ANCHORED INSIDE THE PERIMETER SUB-FRAME

4. FIXED SHUTTER ASSEMBLY - COMPONENTS

TOP AND BOTTOM SUB-FRAME RAILS PROVIDED WITH TOTAL 4 NO 25mm NOM. DIA. HOLES, PREDRILLED TO SUIT PREDETERMINED FIXING POSITIONS AS ARRANGED. 10mm DIA. TAMPER PROOF FIXING BOLTS ARE SUPPLIED INTEGRAL WITH SHUTTER ASSEMBLY

5. SIDE-HUNG SHUTTER ASSEMBLY - COMPONENTS

HINGE STILE OF SHUTTER IS PROVIDED WITH 100mm X 100mm BALL BEARING, ANTI-CORROSIVE COATED STEEL HINGES (2NO) FOR SHUTTERS IN EXCESS OF 1000mm HT. AND 2 NO DITTO FOR SMALLER SHUTTER SIZES. SECURING SHUTTERS IN CLOSED POSITION IS DONE :-

- (a) FROM INSIDE OF BUILDING BY MEANS OF MIN. 2 NO. 150mm LONG VERTICAL STAINLESS STEEL BOLTS TOP AND BOTTOM. OR
- (b) EXTERNALLY BY MEANS OF MASTERBILT DOUBLE ENGAGING BOLT ASSEMBLY REFERRED TO BELOW.

6. PIVOT-HUNG SHUTTER ASSEMBLY - COMPONENTS

VERTICAL PIVOTTING ACHIEVED BY INSTALLATION OF M/BILT ALUMIN. ALLOY PIVOTS AND MOUNTING BRACKETS SECURELY ANCHORED TO WINDOW SURROUND AND EXTERNAL WALL. PIVOTTING ACTION PERMITS 180° FREE SWING SHUTTER IS SECURED IN CLOSED POSITION BY MEANS DESCRIBED FOR SIDE-HUNG SHUTTER ABOVE.

7. MASTERBILT SINGLE ACTION (DOUBLE ENGAGING) BOLT

400mm LONG 20mm X 10mm NOM. TH. STEEL (S.C.P. FINISH) BOLT WITH CHAIR SECTION LOCKING CLEATS (2NO), BOLT KEEPERS (4NO), S.C.P. FINISHED KNOB, PREPARED (1NO)

BOLT IS MOUNTED TO LEADING EDGE OF SHUTTER PERIMETER STILE BY C/SUNK HEAD METAL THREAD SCREWS AT KEEPERS. CHAIR SECTIONS VERTICALLY ENGAGE SLOTTED, ADJUSTABLE LOCKING BRACKETS BY A SINGLE DOWNWARD ACTION. PROVISION IS MADE FOR SECURITY LOCKING WITHIN THE BODY OF THE BOLT BY MEANS OF A PADLOCK OR SIMILAR DEVICE BY OTHERS.

8. INSTALLATION:

STRICTLY IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS

9. LABELLING:

EACH INSTALLED CYCLONE SHUTTER ASSEMBLY IS TO BE FITTED WITH A MECHANICALLY FIXED METAL IDENTIFICATION LABEL LOCATED CENTRALLY ON FACE OF BOTTOM OF PERIMETER SUB-FRAME. THE LABEL SHOULD IDENTIFY THE MANUFACTURER AND STATE, "DEEMED TO COMPLY WITH CLAUSE 30.1 N.T. BUILDING MANUAL 1975. TESTED WITH 4kg X 20 = 80kg FORCE."

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

HOUSE DETAILS		FIXING OF MASTERBILT 4x20 LOUVRED CYCLONE SHUTTER ASSEMBLY (PATENT PENDING)	
OWNER		SPECIFICATION SHEET 1/1	
LOT NO			
STREET		NORTHERN TERRITORY CYCLONIC AREAS	
DISTRICT		APP'D <i>[Signature]</i>	DATE 12.12.78
TERRAIN CATEGORY		DWG NO M/401/420.3	
MULTIPLYER		DATE 10/9/78	