

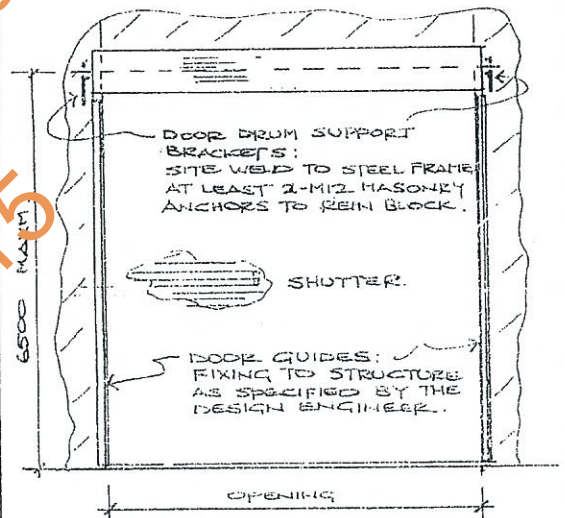
B & D - /100 SERIES ROLL-A-SHUTTER DOORS DOOR TYPE / FIXING IN CYCLONE AREAS

TABLE : MAXIMUM SAFE DOOR OPENINGS - Windlocks every 2nd slat.

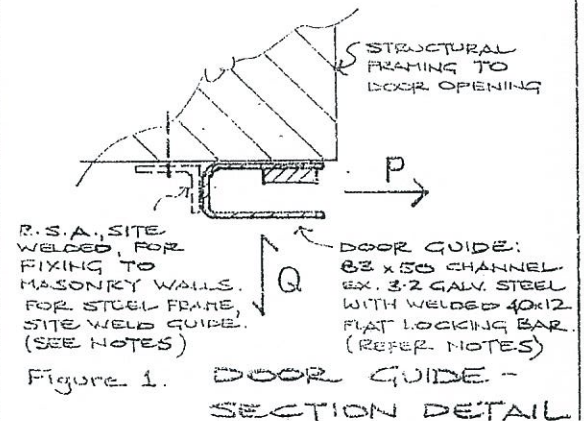
B & D DOOR TYPE	WIND TERRAIN CATEGORY	MAX. ALLOW. OPENING WIDTH mm.	MAX. ALLOW. GUIDE FIXING c-c	DESIGN FORCES to GUIDE support	
				P (kn)	Q (kn)
8/100	1 & 2	8250	400	19.1	3.7
	3 & 4	10500	400	19.4	3.3
10/100	1 & 2	9500	300	17.7	3.2
	3 & 4	12000	300	17.8	2.9

IMPORTANT NOTES :

1. Wind loading generally to AS1170-Part 2 - 1989; Region 1.
Maximum nett pressure coefficient = 1.25, (outward).
2. The above table is based on WINDLOCKS on every 2nd curtain
slat, each fixed with 5 No. 6.3 Ø HOOK BOLTS.
3. The GUIDE section is a cold formed channel and flat bar as
shown in Figure 1, below. For the maximum door capacities
given in the above table to be achieved, the bar shall be
factory welded to the channel with 20 Ø puddle welds at
centres as follows :
8/100 door , 400 vs. 10/100 door , 300 vs.
4. The maximum door openings and guide forces have calculated
using test data and theoretical analysis carried out by
Hardcastle & Richards - consulting Engineers - as reported
in summary report ref. DEC:JLF.218-30024, dated 7th April
1982.
5. The Table shows working loads exerted by the door guide on
the structural support frame. Figure 1 defines the direction
of the load vectors 'P' and 'Q', as tabulated.
The detail of the connections will depend on the arrangement
of the framing to the door opening, and shall be specified
by the project Consulting Structural Engineer. Note the
magnitude of the force 'P'.
6. Personell doors are not permitted within the Roll-A-Shutter.



TYPICAL DOOR ELEVATION



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CAPACITY / FIXING of : B & D 100 Series Roll-A-Shutter Doors,
Windlock on every 2nd Slat, cold-formed
83 x 3.2 channel & 40 x 12 flat guide.
IN THE DARWIN AREA.

CERTIFIED: *[Signature]* B.E.(Hons 1) Monash 1970
DATE: 7/6/1995. Ref: 010693
ENGINEER: Collings & McDonald Pty Ltd
7 Ellesmere Ave, CROYDON 3136
[A. O. Collings BE(hons 1) Mon.1970]

DESIGN DATA SHEET
NORTHERN TERRITORY CYCLONIC AREAS
DRAWING No: M/406/3
APP'D: *[Signature]* DATE: 20/6/95

Amended 12/6/1995

New Expiry. 3-6-15
Signature. *[Signature]*

New Expiry Date. 3/6/16
Signature. *[Signature]*