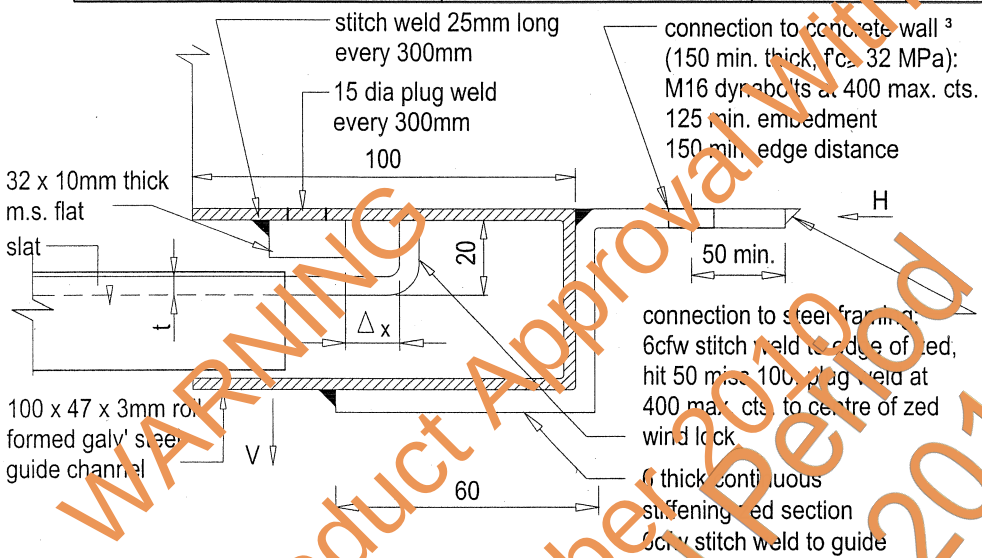
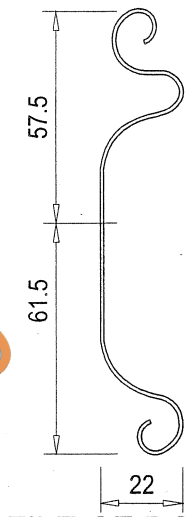
Approved for inclusion in DEEMED TO COMPLY by BUILDING ADVISORY COMMITTEE Date 4/11/05

DOOR WIDTH (m)	SLAT THICKNESS (mm)	DEFLECTION AT MIDSPAN (UNDER SERVICEABILITY WIND PRESSURES[1]) (mm)	Δx min (mm)	t (mm)	DESIGN FORCES (ULTIMATE[2]) (kN/m) H	V
8	1.0	232	50	8	43	12
6	1.0	130.5	25	8	43.5	9
5	0.8	171.5	50	6	22.5	7.5
4	0.6	110	25	6	23.0	6



PLAN DETAIL ON ROLLER DOOR GUIDE



PROFILE OF ROLLER SHUTTER CURTAIN SLAT

GRADE 250

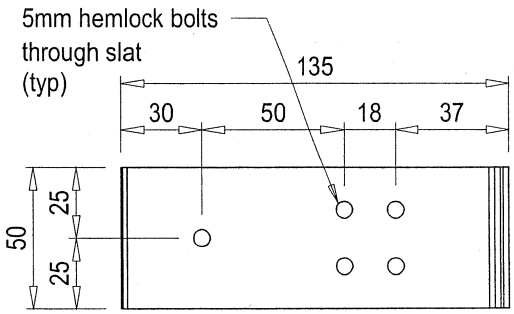
LIMITATION OF USE

- Excludes masonry walls.
- For wind classification C2, the roller door is not to be within 1.2m of a wall edge.
- This roller shutter door and wind lock has been checked in accordance with the following design assumptions. Any installation that does not comply with these assumptions is not covered by this certificate and is to be designed and certified prior to installation.

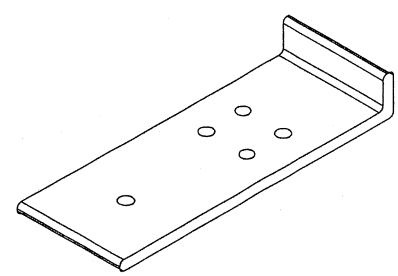
1. Design wind load to AS 4055-1992:
· Region A, B or C
· terrain category 2, 2.5 or 3
· topographic classification T1 or T2
· wind classification C1 or C2
2. For undulating terrain:
· the roller door is to be fully shielded when on any hill
· the roller door is to be in the lower two thirds of a normal hill (slope < 1:5)
· the roller door is to be in the lower third of a steep hill (slope >1:5)
3. Wind lock details:
· the minimum edge distance for wind lock bolts in the slat is 12mm
· wind locks are to be fixed to the ends of every 2nd slat.
4. The roller door is to be part of a rectangular enclosed building. Top of roller door to be not more than 6m above ground level.

NOTES

1. Refer to AS 4505 for definition.
2. 'H' and 'V' are the design ultimate wind forces transmitted to the guide fixings and support members. All support members are to be designed by others.
All guide fixings other than to steel and concrete are to be confirmed by others.



WIND LOCK



Manufacturers details

A & T DOORS
UNIT 2, 1 REGINA COURT
BEVERLEY SA 5009
AUSTRALIA

ROLLER SHUTTER DOORS WITH WINDLOCKS

Engineers certification
PHIL GARDINER

DESIGN DATA SHEET

BASB CONCURRED 3.11.05 DATE

M1415 1 DRAWING NUMBER.