



RESIDENTIAL ROLLING DOORS

Roll-A-Door®

Neo®



Feature colour
JAPAN CHERRY

Squareline™ Deluxe Single



Feature colour
DOVER WHITE*
*A surcharge applies
to this colour

Squareline™ Deluxe Double



Feature colour
CLASSIC CREAM™

Traditional Low Profile



Feature colour
SURFMIST

Traditional Wideline™



Rollmasta®

Series 1



Feature colour
DOVER WHITE

Series 3



Feature colour
SHALE GREY

home
safe
home®

installation requirements

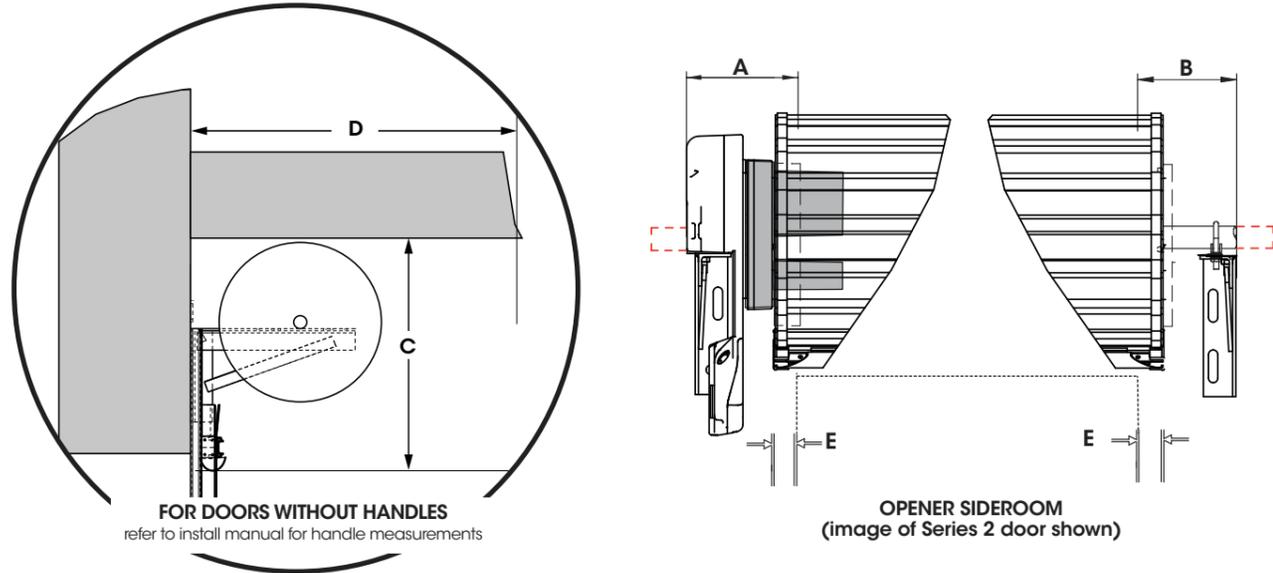


Fig. 1.4.3

dimension table										
Door Model Code	Door height (mm)	Door width (mm)	Minimum Sideroom Opener Side	Minimum Sideroom Plain Side	Recommended Headroom #	Recommended Backroom for installation	Min' Curtain Overlap****			
			Based on Minimum Curtain Overlap stated as dimension E							
			A1* / A10**	B				C	D	E****
R1N Series 1	up to 2400	up to 3150	125 / NA	95	450	500	40			
	2401 - 3000			110				470	590	
R1D Series 1	up to 2400		115 / NA	85	430	480	30			
2401-3000	450				500					
R1P Series 1	up to 2400		140 / NA	130	430	480	55			
2401-3000	450				500					
Windlocked Series 1	up to 2400		up to 5100	170 / 275	135	430	480	50		
2401-3000	450					500				
R3F Series 3	up to 2400		up to 5500	200 / 305	185	535	525	55 - 68 (see note)		
2401-3000	565					555				
R3W Series 3	up to 2400	535				525				
2401-3000	565	555								
Windlocked Series 3	up to 2400	up to 5500	220 / 325	205	535	525	55 - 68 (see note)			
2401-3000	565				555					
R2L Series 2	up to 2400				170 / 275	135		515	535	50
*2401-3300	*540							*585		
R2W Series 2	up to 2400	up to 5500	200 / 305	185	590	580	55 - 68 (see note)			
2401-3000	620				610					
Windlocked Series 2	up to 2400				220 / 325	205		590	580	
2401-3000	200 / 305				185	620		610		

NOTE: All measurements are in millimeters (mm)

Windlocked Steel Substrate (dark blue) Windlocked Masonry Substrate (light blue)

- # Refer to installation manuals for restricted headroom measurements and doors with handles.
- * A1 Based on a Controll-A-Door PowerDrive, GDO-6 EasyRoller and GDO-12 Hiro.
- ** A10 Based on a GDO-10 Toro (Right Hand Side install). Refer to GDO-10 installation manual for LHS installations.
- *** Chain Drive is optional on all Series 2 & 3 doors. Measurements indicated for LHS and RHS installations. On 3300 high R2L Series 2 it is standard LHS viewed inside looking out.
- **** NOTE: Wind-Locked doors may need between 55 - 68mm curtain overlap on both sides, depending on the substrate used.

NOTE: R1N Doors over 2400mm (H) have larger bracket. Windlock option not available on all R1N doors. *R2L, above 2400mm only available in WA.

fixed taper options

Independent tapers are an option to an existing Series 1, 2 or 3 type Roll-A-Door®. For where floors have an even 'tapered' slope across the opening, a fixed taper plate can be built into the door at the time of manufacture. (not available when the door has perforation slottings or on R1N Roll-A-Door Neo® 2700mm - 3000mm high)

The direction of a taper should always be indicated as Viewed Inside Looking Out.

Minimum Taper	Maximum Taper
1mm per 150mm of door width or 20mm, whichever is greater	1mm per 10mm of door width or 250mm (S2, S3) 290mm (S1) whichever is less

Example as shown for one door with Taper:
Minimum Taper at (Y) = 4600 (W) / 150 = 30.6mm (round to the nearest mm) 31mm is greater than 20mm, therefore minimum taper is 31mm
Maximum Taper at (X) = 4600 (W) / 10 = 460mm 460mm is greater than 250mm, therefore the maximum taper is 250mm

tip Tapers are available with Windlock Doors.

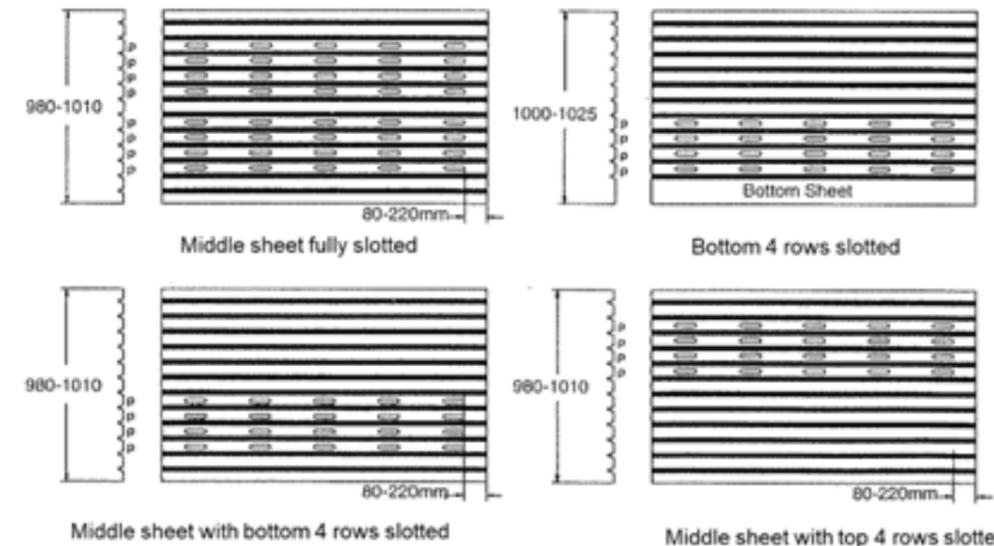
In the situation where two doors are required with matched curtains and both have tapers, the maximum taper over both doors cannot be greater than the maximum allowed for a single door the width of the entire opening.

Example as shown for two doors with Taper:
Minimum Taper at (Y) = 2490 (W) / 150 = 16.6mm (round to the nearest mm) 17mm is less than 20mm, therefore minimum taper is 20mm
Maximum Taper at (X) = 2490 (W) / 10 = 249mm 249mm is less than 290mm, therefore the maximum taper is 249mm

perforation slotting options

Configured per sheet, slotting is available in either partial or whole sheet. Where a waist high centre lift lock / handle is fitted (waist high = top of the bottom door sheet), only partial slotting is available to the bottom four flats.

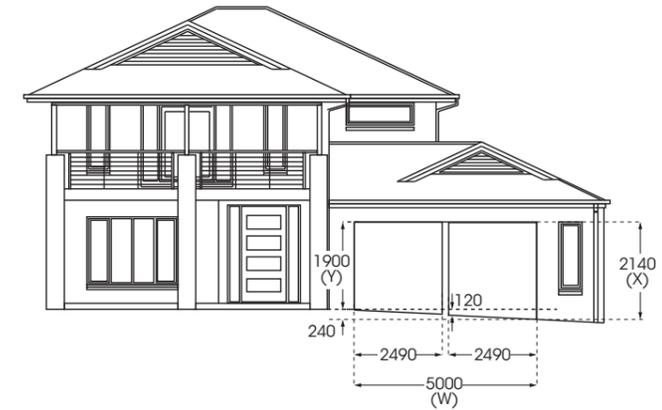
The perforations are at 300mm centres with the space between them 200mm constant. The only variable is the distance between the edge of the sheet and the first and last perforation. This varies from approximately 80mm minimum to approximately 220mm maximum.



WARNING! Perforation not available with Windlock doors.



ONE DOOR WITH TAPER
Taper = X - Y
2490 (X) - 2400 (Y) = 90mm taper



TWO DOORS WITH TAPER
Taper = X - Y
Door 1 2020 (X) - 1900 (Y) = 120mm taper
Door 2 2140 (X) - 2020 (Y) = 120mm taper

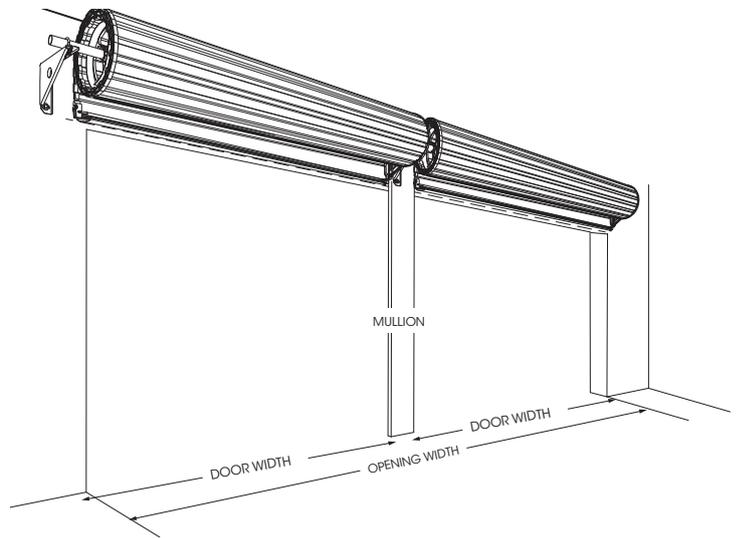
mullion options

For extra wide openings, special removable mullions are available to provide independent operation of two B&D Roll-A-Doors. They can easily be removed allowing unrestricted access to the full opening width. Mullions are ONLY available with Series 1 Doors.

! WARNING! Openers can not be installed in conjunction with mullions.

! WARNING! Windlock Door can not be installed in conjunction with mullions.

! tip Mullions not available on Residential doors over 2900mm high.



SERIES 1	SERIES 2
$\text{door width} = \frac{(\text{opening size} - 20) - ((\text{no. of mullions} - 1) \times 70)}{(\text{no. of doors})}$	$\text{door width} = \frac{(\text{opening size} - 10) - ((\text{no. of mullions} - 1) \times 110)}{(\text{no. of doors})}$

Example 1: opening size 6000mm
number of doors = 2
number of mullions = 1

$$\text{door width} = \frac{(6000 - 20) - ((1 - 1) \times 70)}{2} = 2990\text{mm}$$

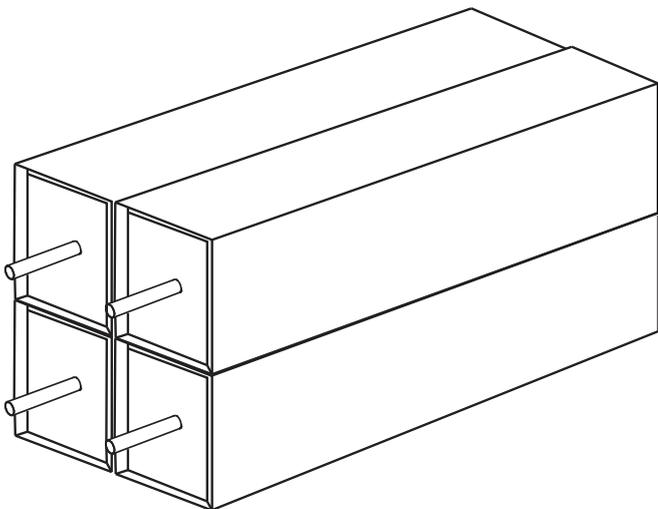
Example 1: opening size 15000mm
number of doors = 3
number of mullions = 2

$$\text{door width} = \frac{(15000 - 10) - ((2 - 1) \times 110)}{3} = 4960\text{mm}$$

crating options

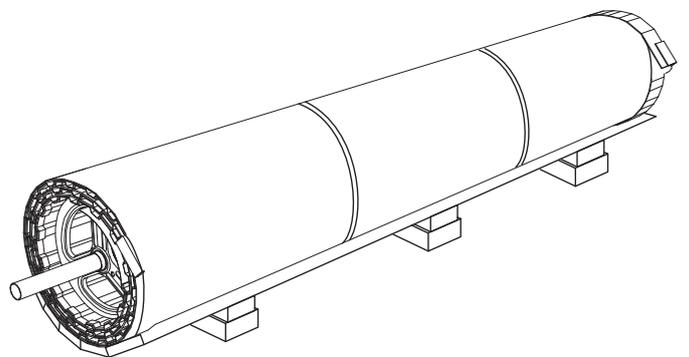
All doors are recommended to have additional crating applied particularly when third party freight is used, doors are travelling long distances and where extra protection is required.

HARD CARDBOARD BOXING



Available as an option with all Series 1 Doors

HARD CARDBOARD TUBING WITH TIMBER SKID



Available with all Series 2 & Series 3 Doors as just hard cardboard tubing or hard cardboard tubing with timber skid

Hard Cardboard Tubing available with all Series 1 Doors (except for WA)

