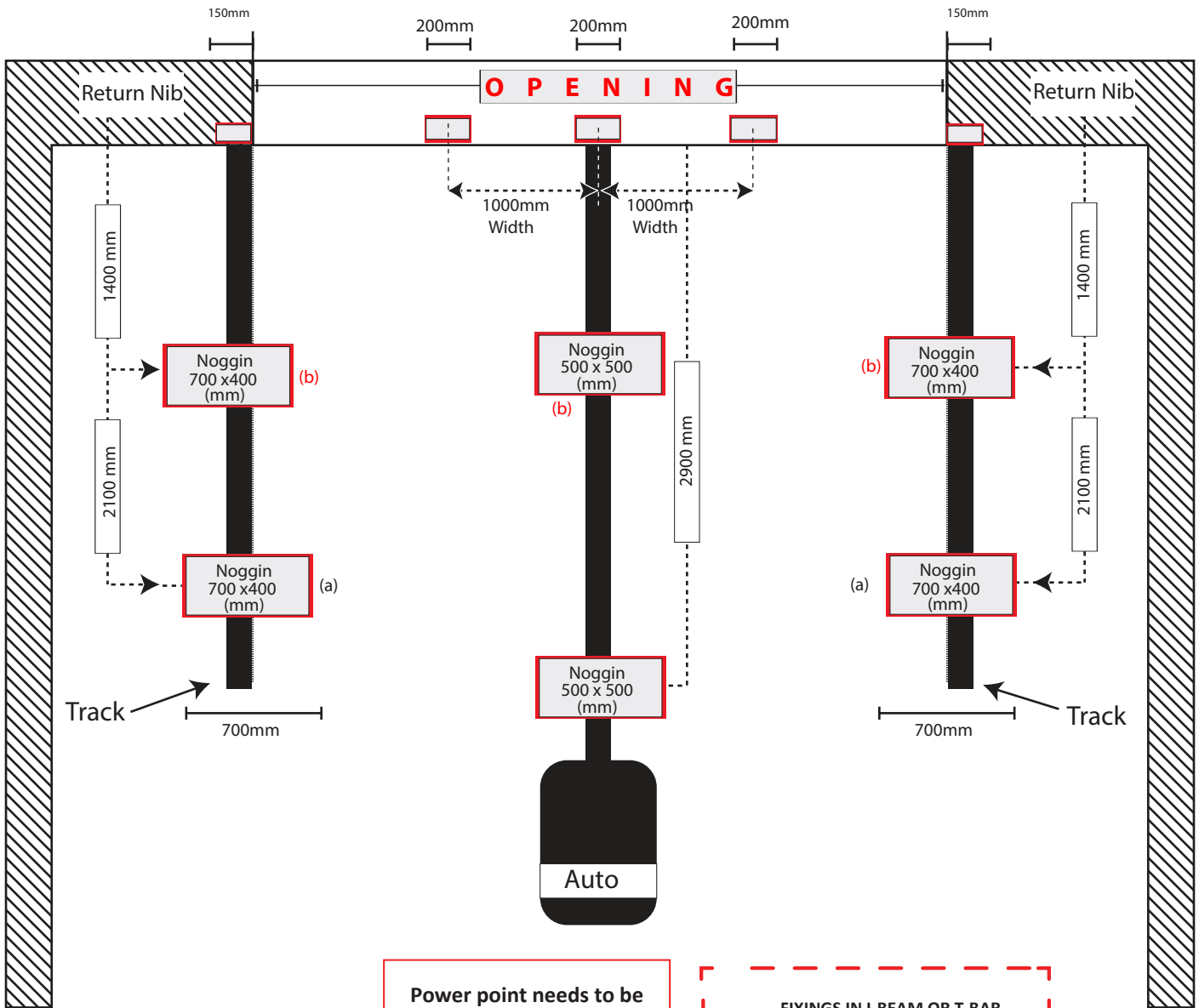
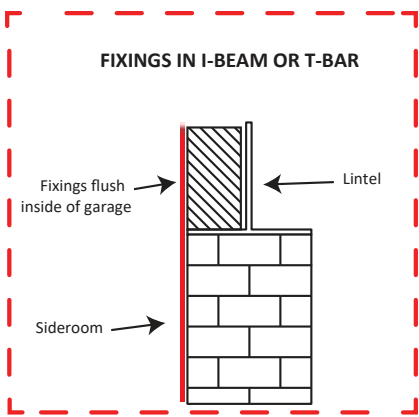
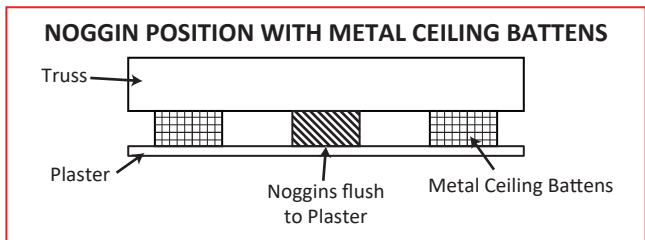


Thank you for choosing Auto Remote Access Garage Doors.
 Please see below for recommended Ceiling and Lintel Noggin Plan for Our Custom Garage Door Range.

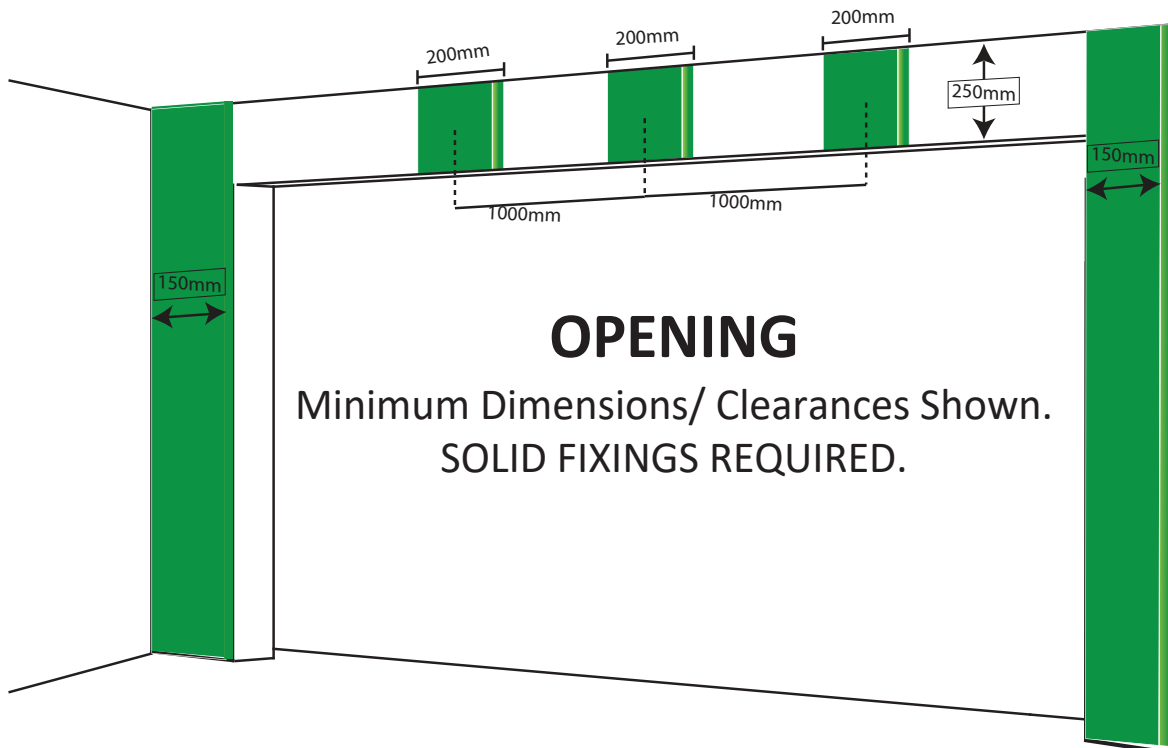
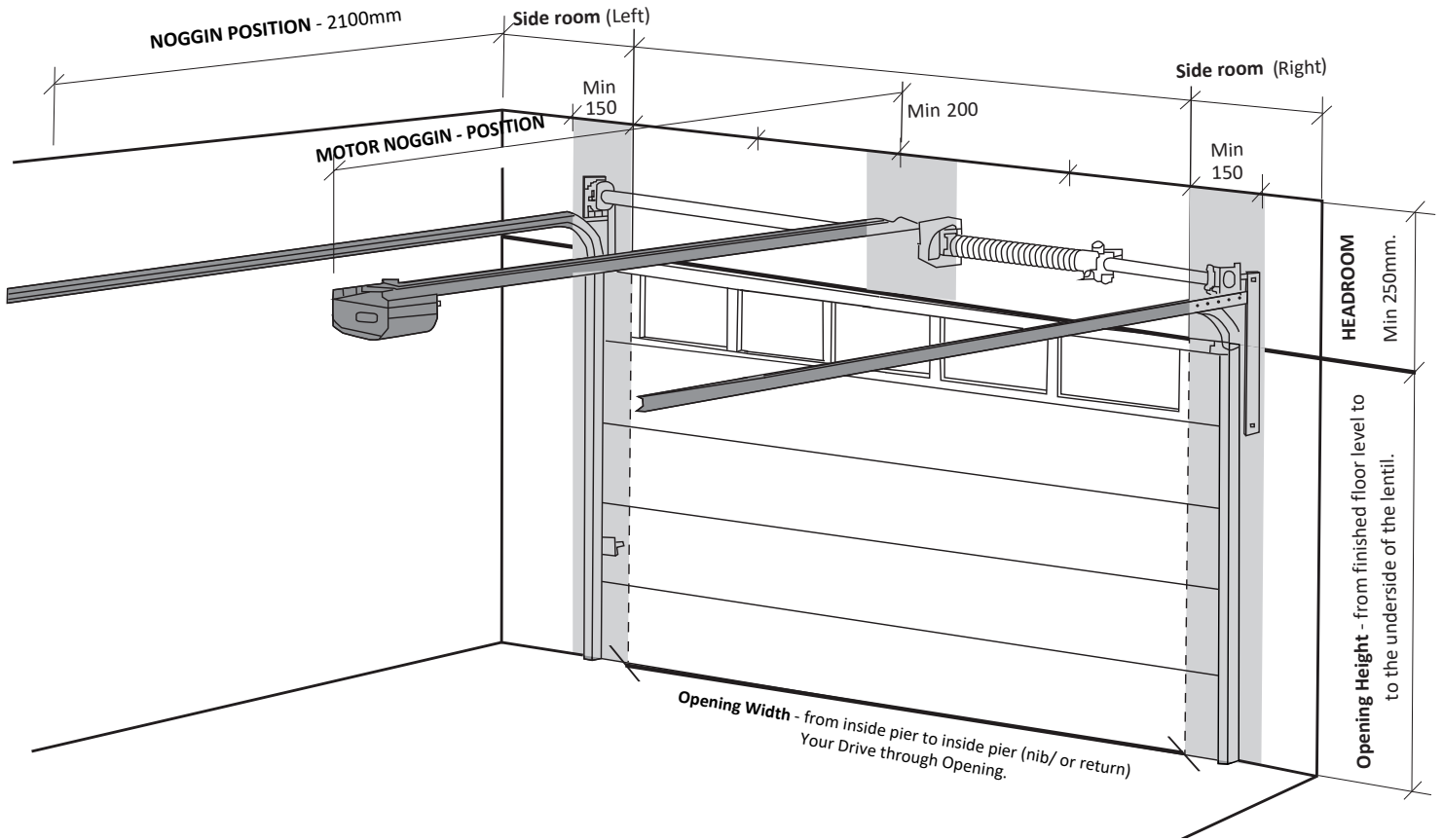
Noggin Lay out - For ARA Custom Garage Doors / Flush Mount Doors



Power point needs to be 3.2m back from opening and 300mm off centre



INTERNAL ELEVATION VIEW



NOGGIN SPECIFICATIONS.

Please Note - it is the clients responsibility to ensure all noggins are adequately installed to cater for the weight of the garage door requested. It is the clients responsibility to seek engineering guidance - should that be required. Indicative weights of the garage door can be provided on request by emailing your sales rep.

SIDE ROOM (Left & Right)
(size of return without obstruction)

- Min 150mm required to eliminate need for side jamb
- Must be solid fixing vertically from top to bottom.

MOTOR NOGGIN POSITION
**Dependant on Opening Height (floor to underside of lintil).*

- Sectional door up to 2500mm high - block in ceiling (500x500mm) 2900mm Center
- Sectional door up to 3000mm high - block in ceiling (500x500mm) 3700mm Center
- Sectional door up to 3500mm high - Auto Remote Access Rep to advise client.
- Commercial Sectional door up to 2400mm high - block in ceiling (700x700mm) 3750mm Center
- Commercial Sectional door between 2440-3590mm high, block in ceiling (700x700mm) 4950mm Center
- For heavy doors (custom clad doors) - please provide additional brace for motor rail 1400mm back from lintel in line with main motor noggin position - A minimum 400x400 block - flush with plaster.

HEAD ROOM
(Lintel to ceiling / cornice without obstruction)

- 350mm and above - Standard headroom application used.
- 349mm - 250mm - Standard front mount low headroom with twin track install.
- 249mm - 200mm - Custom front mount low headroom install with custom bracketing.
- 199mm - 170mm - ARA headroom SPECIAL install. Panel Likely to sit below lintil when in fully open position, by approx 40-60mm.
- 169mm - 0mm - Pelmet or Head panel is required

NOGGIN POSITION

- Additional noggin is required at 1400mm from back of piers if door height exceeds 2305mm Height or 5000mm width.
- Additional noggin is also required if weight of the door exceeds 125kg or more.

STANDARD SPRING & HARDWARE FIXING

- Highlighted in Head room area, required for every sectional door, in addition to solid vertical fixing for all the tracks and bracketing required for panel lift doors.

HIGH/HEAVY SPRING FIXING

- Extra Fixing required the same as when high/Heavy or wide doors are being installed. Please consult with your Sales Consultant.

ROOF MOUNTED NOGGINS
OR
SIDE MOUNTED NOGGINS

- Noggins to be 700x400mm Blocks flush with the plaster (even if battened ceiling - as per diagram page 1).
- If sideroom is more than 450mm - ceiling noggins **are** required.
- If sideroom is less than 450mm - Wall mounted noggins will be required.
- IF WALL MOUNT NOGGINS are required - The noggin is to start 150mm above the underside of the lintil, and travel down 400mm below lintil. The setbacks remain the same as ceiling noggins.