Requirements before installation

mounting - The door is designed to be mounted behind the opening.

obstructions - Ensure that the surface where the door will be fitted is flush and smooth, and the area behind the opening is free from any protrusions.

structural suitability - Ensure the opening is strong enough to support the door. If unsure, consult a builder.

level and plumb - The door must be installed in an absolutely level position, if opening is not level and square, appearance and/or sideroom requirements will be affected. The floor should be level or recessed across the opening to avoid gaps.

measurements

opening width - As the door overlaps each side by 30mm or more, the door should be 60mm wider than the opening. A wider door can be fitted as long as additional sideroom and fixing is available. (Fig 1.4.1).

If you want a door wider than the 60mm cover, we need to be informed the preferred cover.

opening height - The door will fit any opening height up to the marked door size.

sideroom - A minimum of 120mm (140mm for SmoothTrack double wheels and axles) of sideroom is required over and above door width and should extend above the head to allow for bracket fixing. (Fig 1.4.2 for AutoLocks)

headroom - A minumum of 250mm is required. Refer to Fig 1.4.2 for extra measurements.

backroom - as the door extends into the garage when opening refer to Fig 1.4.2 for measurements.

level datum - use a laser level to mark a datum line on both sides approx. 1.5m from the floor. Use this line to compare the distance on each side to the opening height to determine if the opening is plumb.

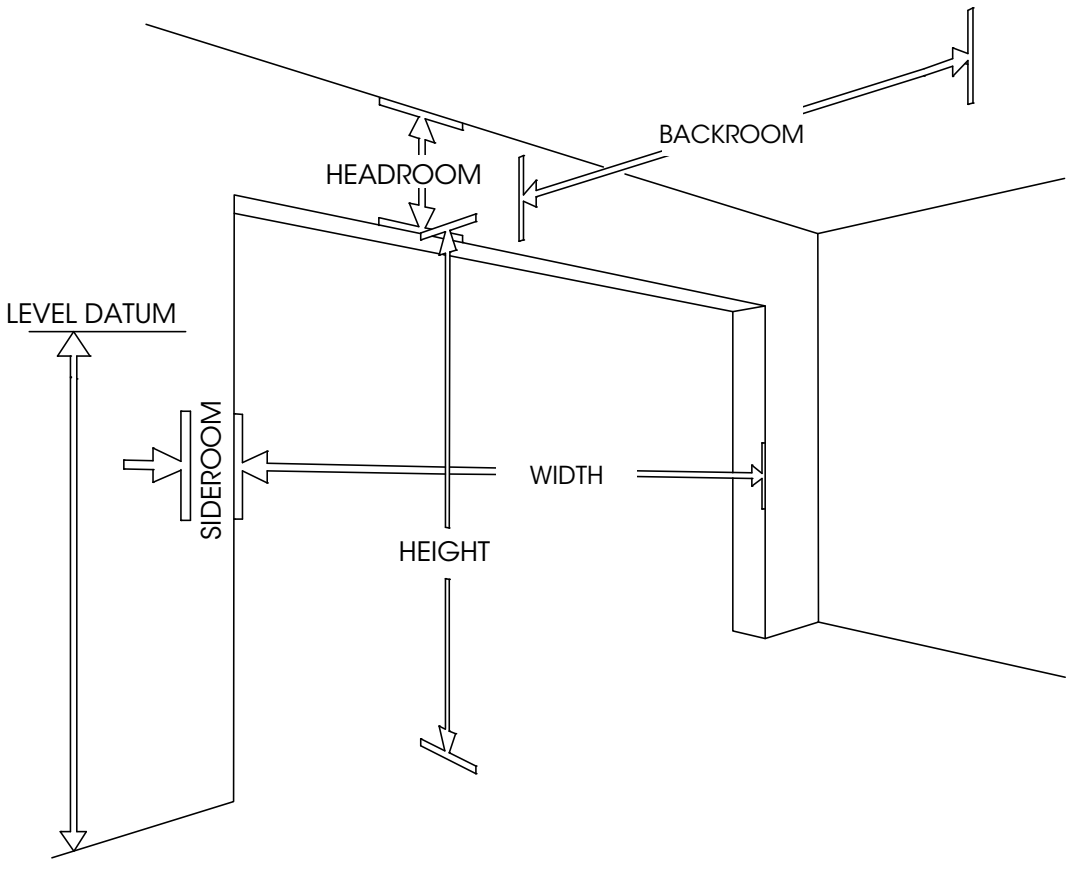


Fig: 1.4.1

1.4.2 additional measurements

	Cable drums		
Measurement	**4-8 & 4-13**		**5-18**
headroom	end bearing brackets	combo brackets	end bearing brackets
FTS = front torsion small curve	250mm	270mm	290mm
Quick closer kit = front torsion	180mm	190mm	230mm
RTS = rear torsion small curve	190mm		190mm
sideroom rear torsion	155mm		195mm
sideroom	without Auto-lock		with Auto-lock
PFT door	120 mm		175 mm
PFI door	140 mm		195 mm
Automated doors rail + opener	**doors up to 2400 high**	**doors up to 3000 high**	**doors up to 3990 high**
backroom	3374mm	4164mm	4954mm
headroom (min)	57mm	57mm	57mm

Vertical Track Positioning

a) Set the vertical tracks parallel on both sides of the door. Use the level/datum marks to ensure the tracks are level with each other or the door will not function correctly. Fig 3.1.1

b) Ensure to follow the measurements as shown in Fig 3.1.2 to set out the placement of the track and brackets.

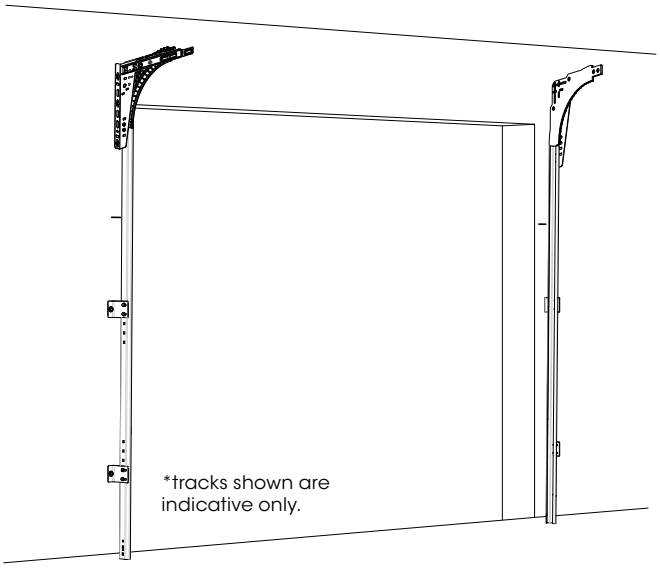
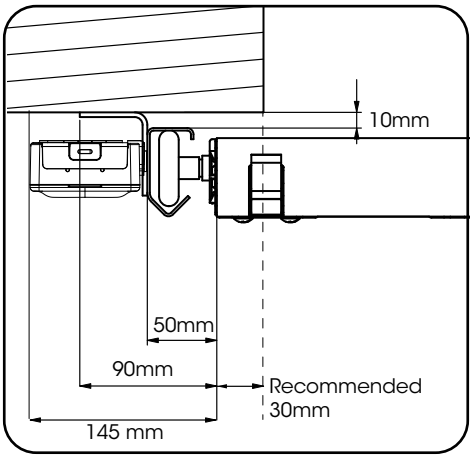
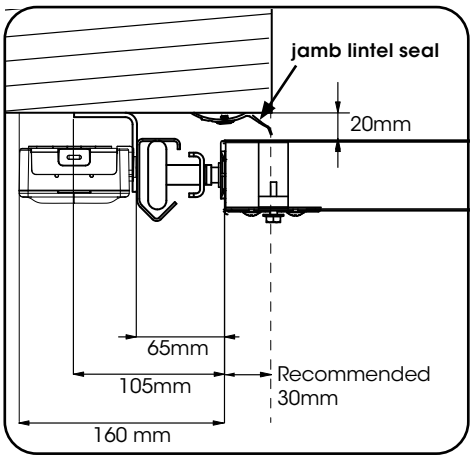


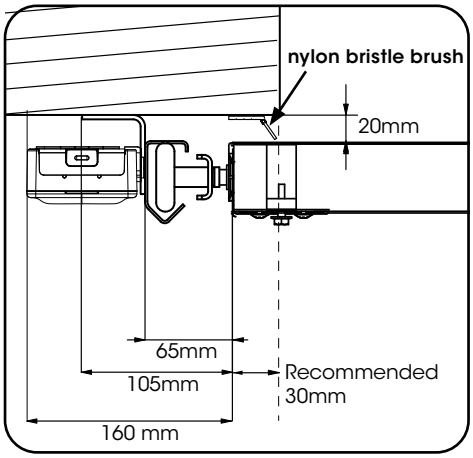
Fig: 3.1.1



PANELIFT® (PFT)
with optional Auto-lock
measurements for vertical track



PANELIFT® ICON (PFI)
with Auto-lock and jamb lintel seal
measurements for vertical track



PANELIFT® ICON (PFI)
with Auto-lock and nylon Bristle Brush
measurements for vertical track

Fig: 3.1.2

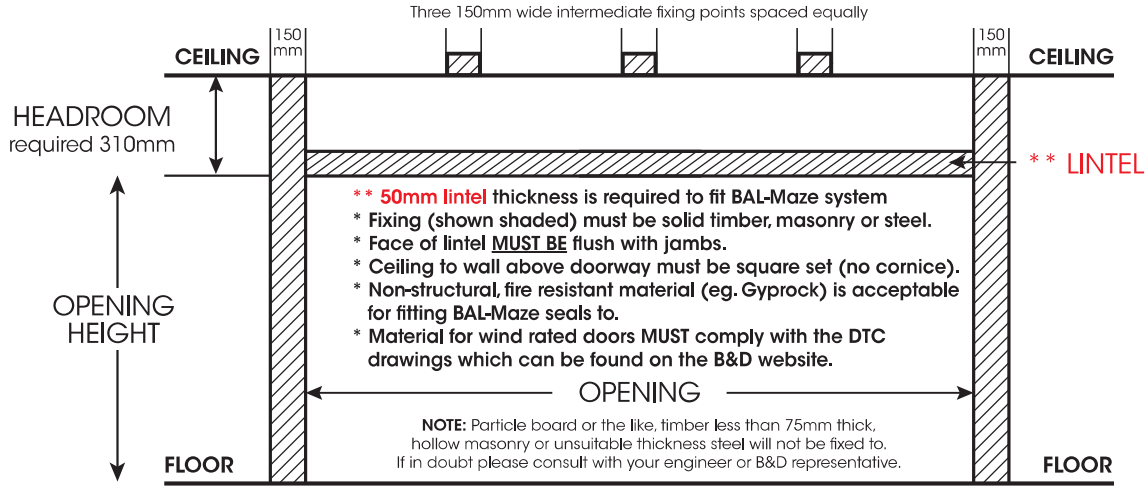
Spring fixing to Ceiling

Sectional Overhead Door

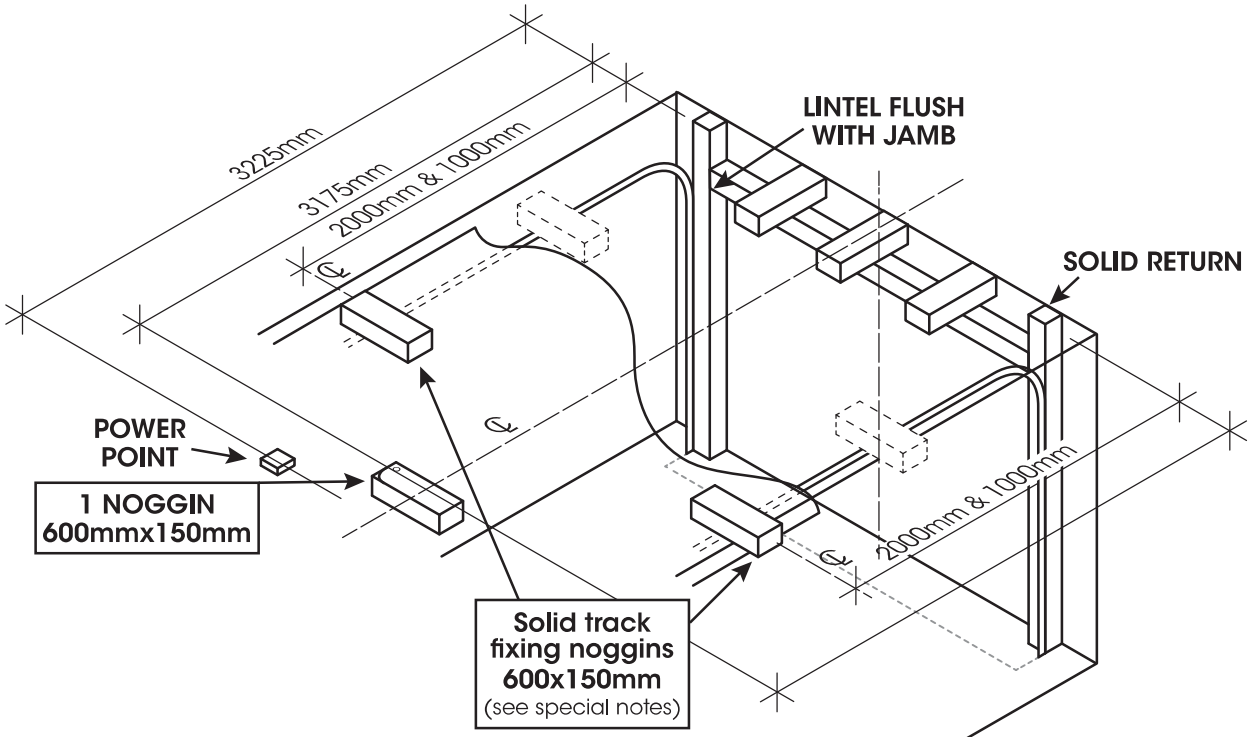
Structural fixing detail for door openings

Please follow diagrams for correct installation of doors up to:

2450mm high x 7560mm wide



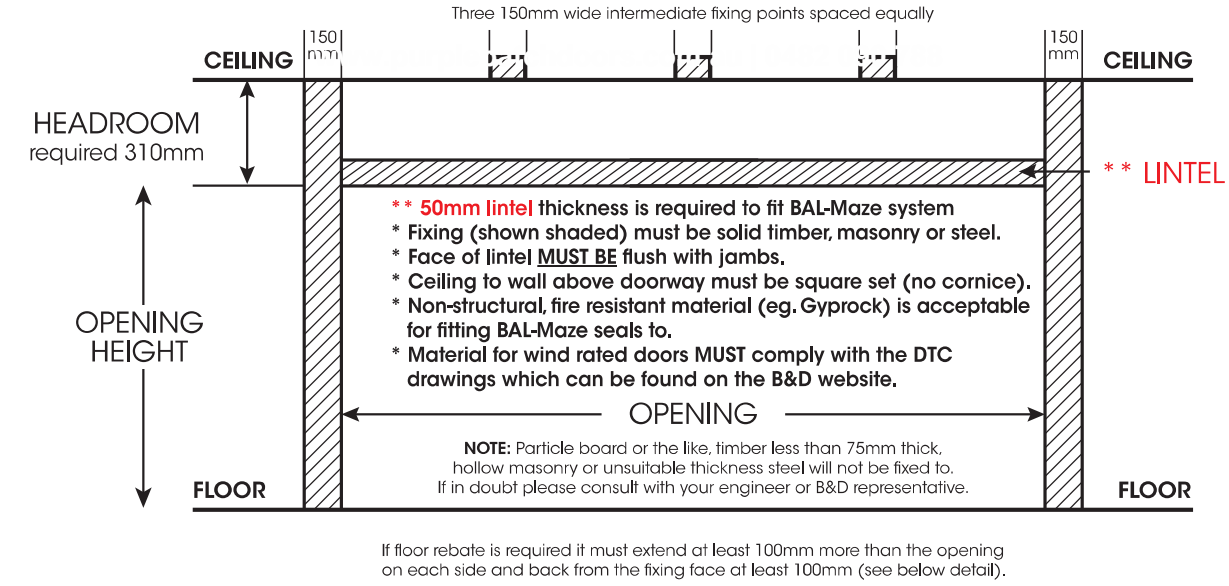
If floor rebate is required it must extend at least 100mm more than the opening on each side and back from the fixing face at least 100mm (see below detail).



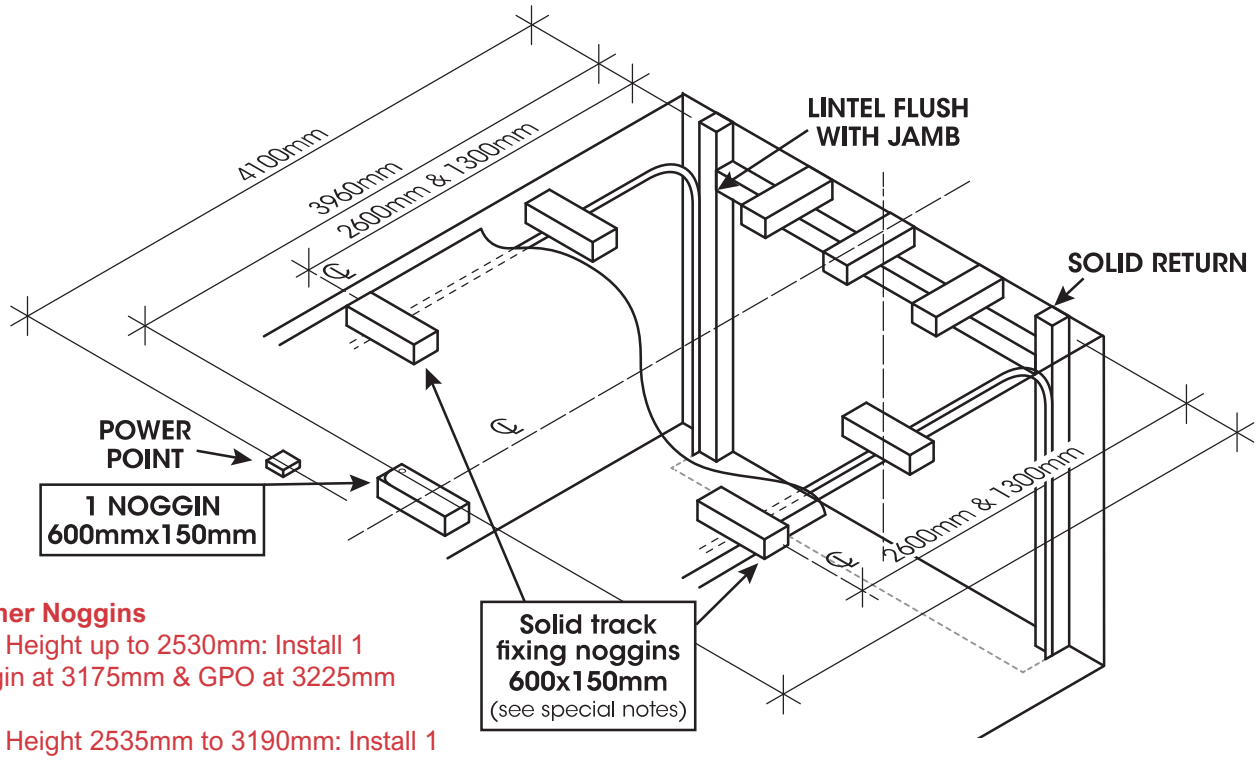
NOTES: Doors higher or wider than 2285mm high x 5200mm wide and all wind rated, insulated or special P7D doors will require two intermediate fixings at 1000mm.

Please follow diagrams for correct installation of doors up to:

2445mm - 3190mm high x 7560mm wide



If floor rebate is required it must extend at least 100mm more than the opening on each side and back from the fixing face at least 100mm (see below detail).



Opener Noggins

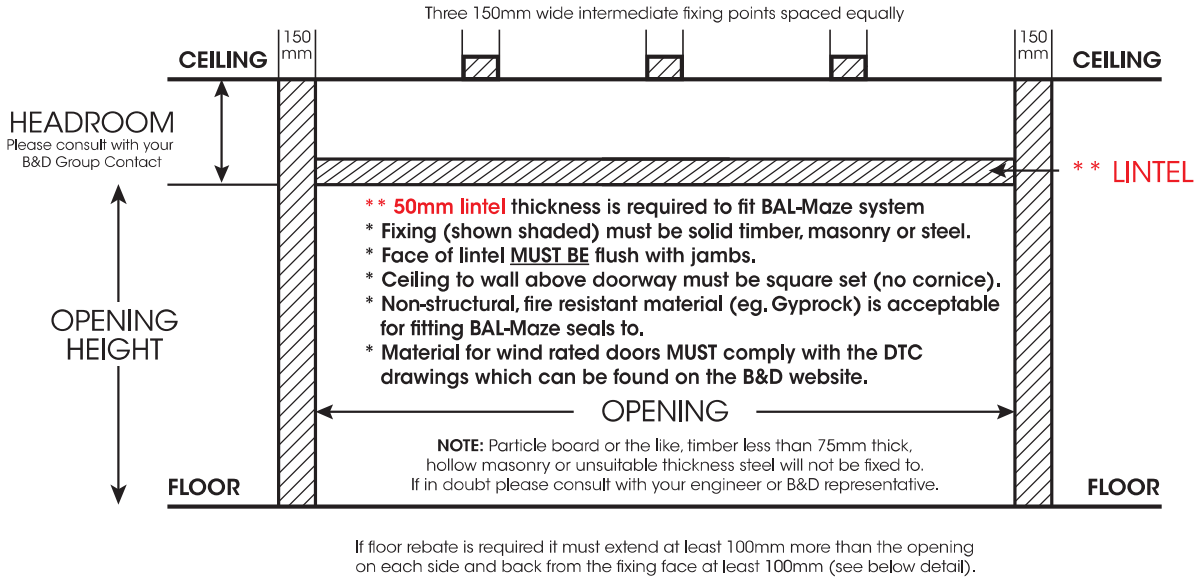
Door Height up to 2530mm: Install 1 Noggin at 3175mm & GPO at 3225mm

Door Height 2535mm to 3190mm: Install 1 Noggin at 3175mm + an additional Noggin at 3960mm & GPO at 4100mm

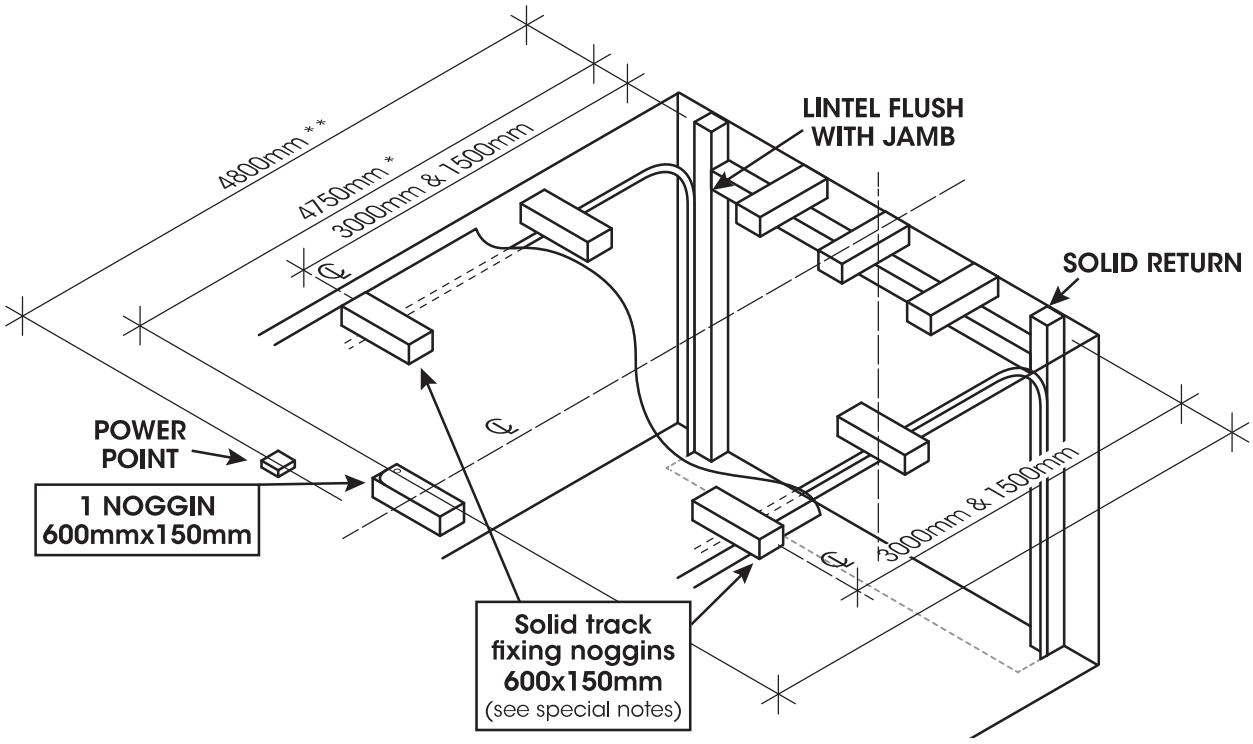
NOTES: Require two intermediate fixings at 1300mm.

Please follow diagrams for correct installation of doors up to:

3195mm - 4000m high x 7560mm wide



If floor rebate is required it must extend at least 100mm more than the opening on each side and back from the fixing face at least 100mm (see below detail).



* **Measurement is dependent on door height. Opener Rail Track length is:**

- Up to 3300mm high is Rail + 1 Extension = 3960mm noggin fixing
- above 3300mm high is Rail + 2 Extensions = 4750mm noggin fixing

** **Measurement is dependent on opener rail track length above. Add 50mm to noggin fixing for location.**

NOTES: Require two intermediate fixings at 1500mm.