GypWall Quiet IWL

Advice should be sought from the door manufacturer or installer prior to construction of this detail.

1. 2 layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
2. 2 lines of Gypframe ‘I’ studs at specified centres to maintain stud module
3. Isover insulation where required
4. 2 lines of Gypframe ‘C’ stud at jamb
5. Gypframe Channel suitably fixed to floor with 2 pairs of fixings at 150mm centres (4 total) & at 600mm centres (in 2 lines staggered by 300mm for 94mm & 148mm channels) thereafter. Channel cut & bent to extend 300mm up stud & fixed through both flanges with 2 no. suitable British Gypsum wafer head screws. Deep Channel for heights between 4200mm & 8000mm or Extra Deep Channel for heights over 8000mm
6. Gypframe Channel cut & bent to extend 150mm down stud & fixed through both flanges with 2 no. suitable British Gypsum wafer head screws. Deep Channel for heights between 4200mm & 8000mm or Extra Deep Channel for heights over 8000mm
7. Indicative timber door frame (fixed to timber stud) & architrave
8. Gypframe Channel sleeved over stud between returned channels at opening head & base
9. Gypframe Channel suitably fixed to floor at 600mm centres (in 2 lines staggered by 300mm for 94mm & 148mm channels). Deep Channel for heights between 4200mm & 8000mm or Extra Deep Channel for heights over 8000mm
10. Indicative timber stud 42/54/64/86/140 x 30mm (to suit 48/60/70/92/146mm stud) to extend 150mm above opening height
11. 15mm plywood to full opening height suitability fixed to studs at 300mm centres

Door Opening Width up to 1200mm
Maximum Door Weight 60kg to BS 5234: Parts 1 & 2: 1992 - Heavy & Severe Duty