ShaftWall

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

1. 3 layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
2. 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
3. Gyproframe 'I' studs (146mm tabbed 'I' studs) at specified centres
4. Gyproframe Retaining Channel
5. Isover insulation where required
6. Gyproframe 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
7. 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase packer full opening height & full opening width extended into jamb stud web
8. Gyproframe Deep Channel or Extra Deep Channel (62mm 'J' Channel) cut & bent to extend 150mm down stud & fixed through both flanges with 2 no. suitable British Gypsum wafer head screws
9. Gyproframe Deep Channel or Extra Deep Channel (62mm 'J' Channel) sleeved over stud between returned channels at opening head & base
10. Indicative timber door frame suitably fixed through channel to stud

Door Opening Width up to 1200mm

Maximum Door Weight 60kg to BS 5234: Parts 1 & 2: 1992 - Heavy & Severe Duty