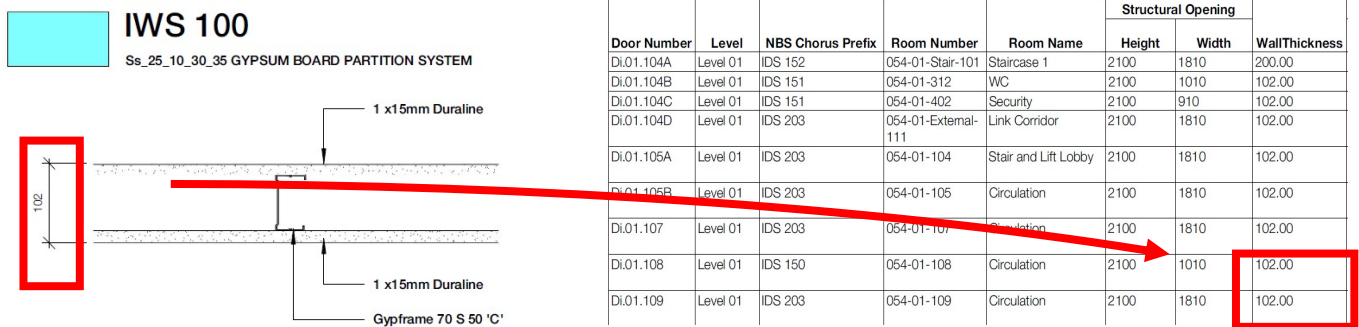




Quality Alert

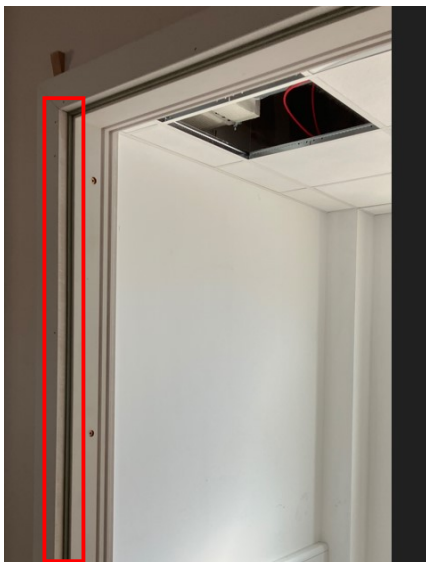
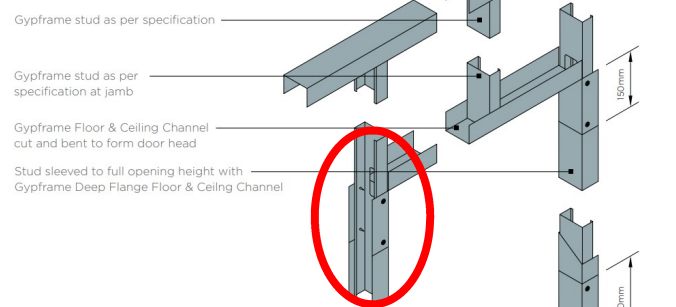
Internal Door Frame Sizing—Site Tolerances

We need to be aware of the impact of site tolerances when specifying and procuring materials, either directly as Morgan Sindall, or via our Supply Chain. One such example would be with door frames and structural openings. A typical example of this would be where the door frame sizes are not fully co-ordinated with the installed door openings. In particular, relating to the thickness of the frame when compared to the door jamb.



Despite the door schedule being aligned with the architects detail (in this example a wall thickness of 102mm) –we still encountered an issue on site. If we look at the British Gypsum door head detail as an example, we can see that the head track has to be fixed to the surface of the jamb stud, adding to the make up depth, both sides. We then need to consider the screws to fix this—again this will add millimetres to the wall thickness. Finally any surface treatments, either tape and joint or skim coat plaster will add further thickness to the wall.

7. Door frame (maximum 1200mm width) to satisfy BS 5234: Parts 1 & 2: 1992 Heavy and Severe Duty (up to 60kg door)



In order to install the frames, an additional MDF plant on piece was required to make the frame the right depth to align to the door reveal. This obviously creates additional time and cost issues for the joiner to cut to size and install as part of the door frame install process.

Always consider:

1. Review of tolerances in wall make-ups
2. Can we do a site survey to confirm the design meets the actual?
3. If Morgan Sindall are procuring the doors directly, then this is even more critical, as all of the issues will sit with us.

This advice should be used, where the above is applicable, and the information discussed with your team highlighting the following points:

- Review of tolerances in wall make-ups.
- Can we do a site survey to confirm the design meets the actual?

Toolbox Talk Packages (put an 'X' next to the related work packages):

Brickwork / Blockwork	X	Doors & Windows	Roof	Drainage	Frames	Roads, Paths, Pavings & Surfacing	Site preparation works
Substructure		FFE	Flooring	X	Internal walls & partitions, Ceilings	Joinery / General Carpentry	Painting
Walling (Tiling)		Electrical Installations	Services / Systems	Water installations	DFMA (Offsite Manufacture)	Design	Miscellaneous



Everyone has the right to be
100% Safe