

7 Appendix I – Wall Constructions

Refer to overleaf for various construction details to suit the required acoustic requirement.

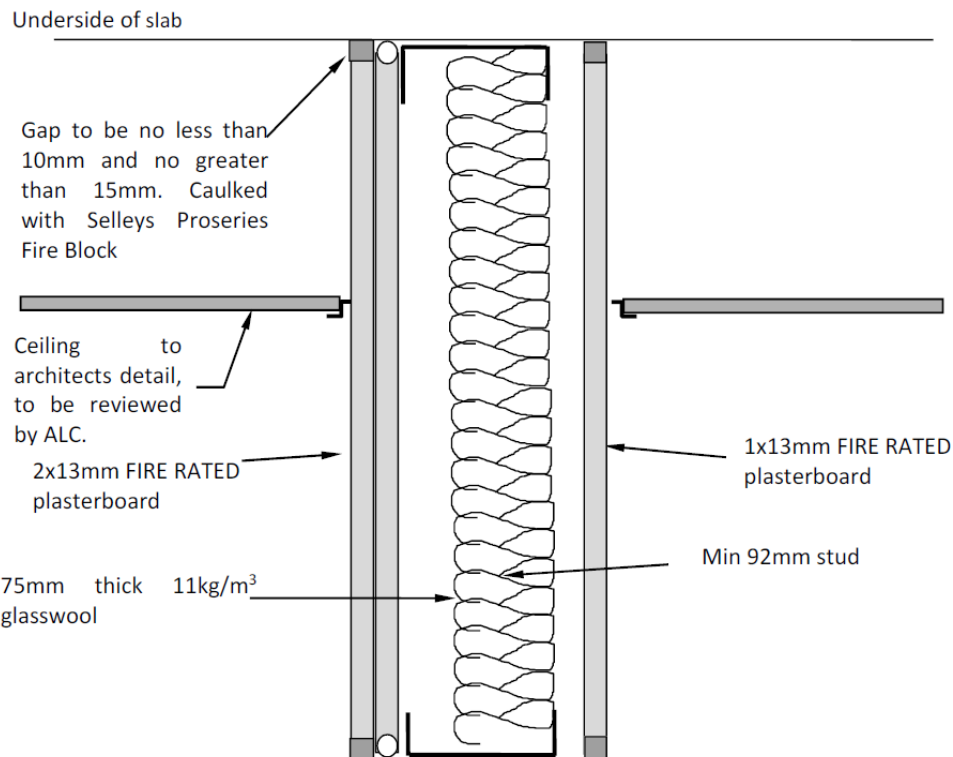


Figure 1 - Rw50 (Typical) Wall Construction

Note:

All wall ceiling penetrations to be acoustically sealed. Pos to have acoustic box behind. Drawings is not to scale.

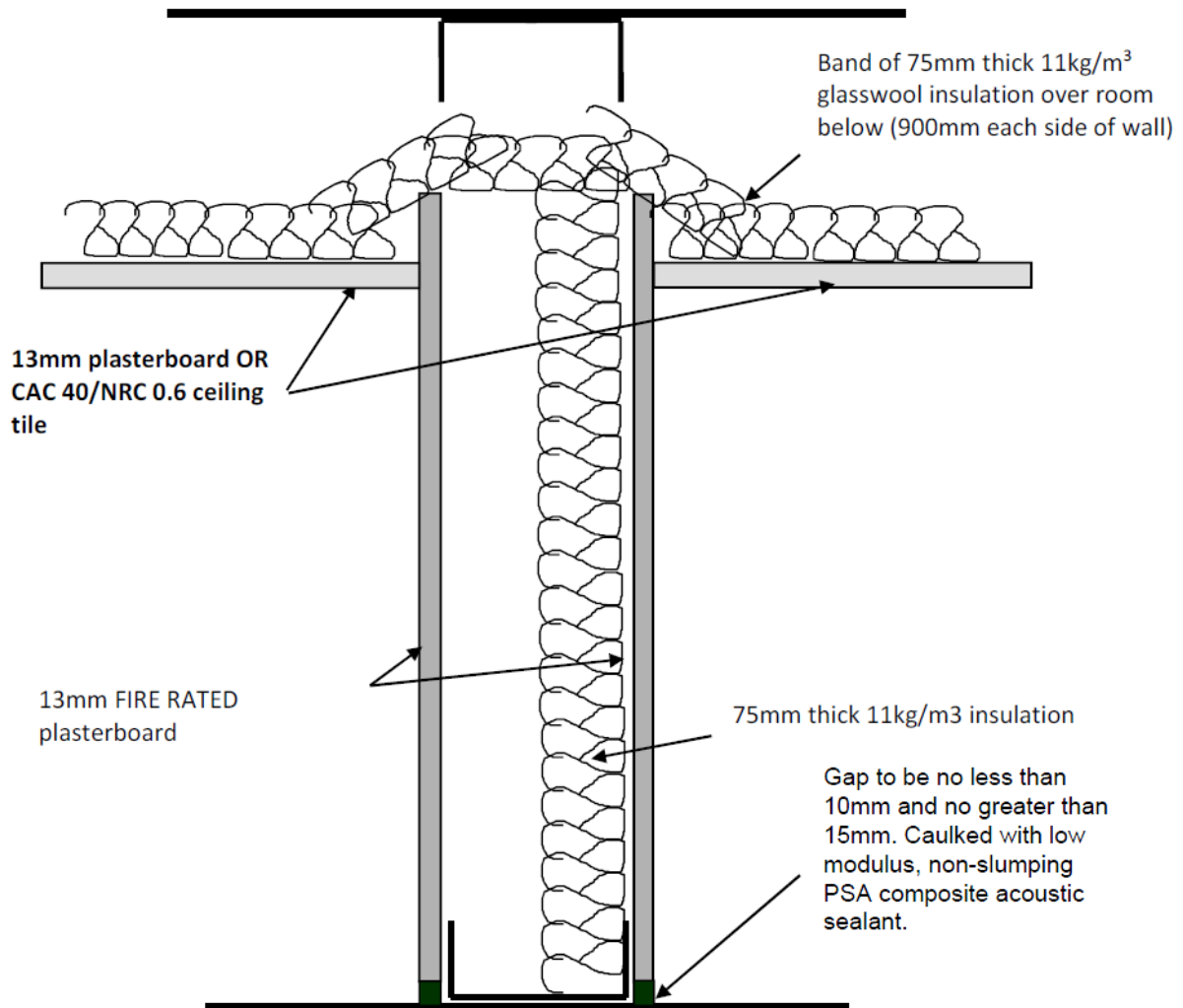


Figure 2 - Rw45 (Typical) Wall Construction

Note:

No untreated ceiling penetrations. Supply/ return air grilles to have insulated ducts behind.
 All wall/ ceiling penetrations to be acoustically sealed. PO's to have acoustic box behind or offset minimum 600mm.

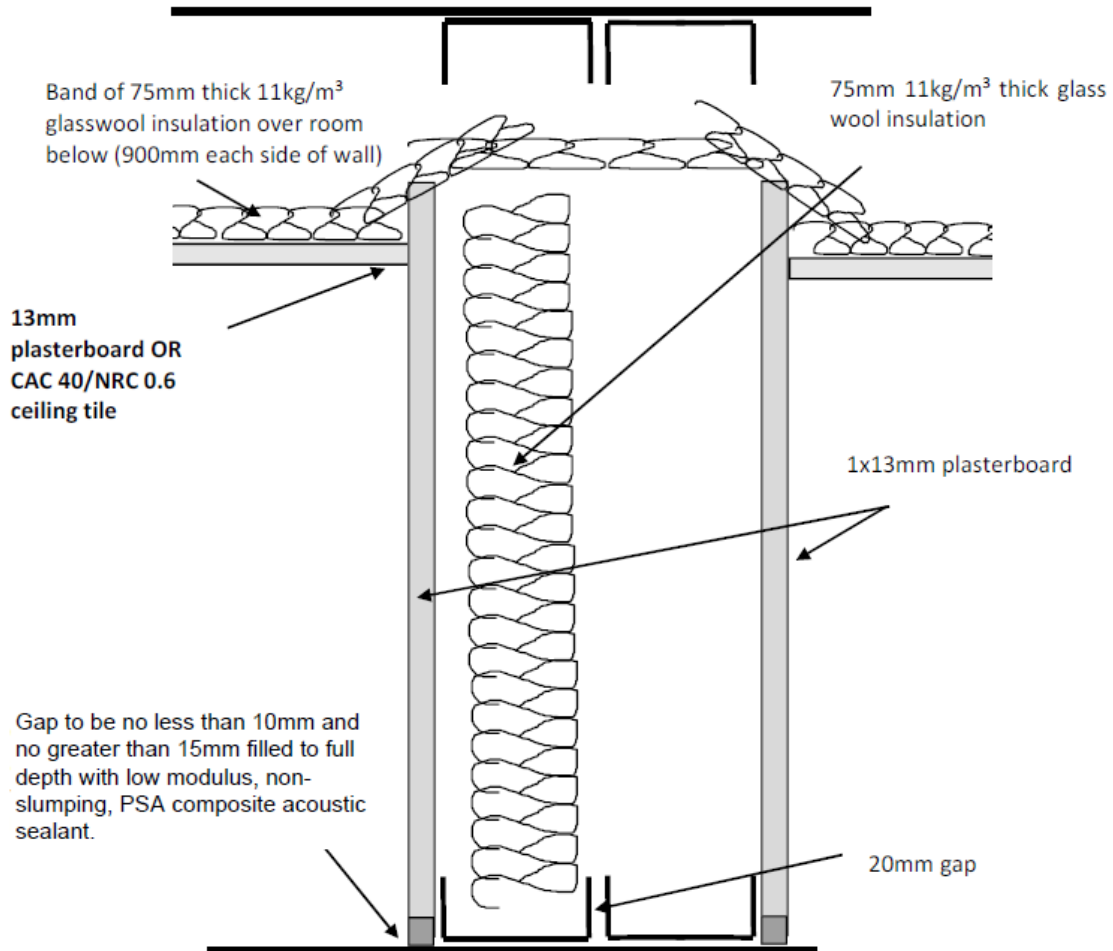


Figure 3 - Rw45 (Operating Theatres) Wall Construction

Note:

No untreated ceiling penetrations. Supply/ return air grilles to have insulated ducts behind. All wall/ ceiling penetrations to be acoustically sealed. PO's to have acoustic box behind or offset minimum 600mm.

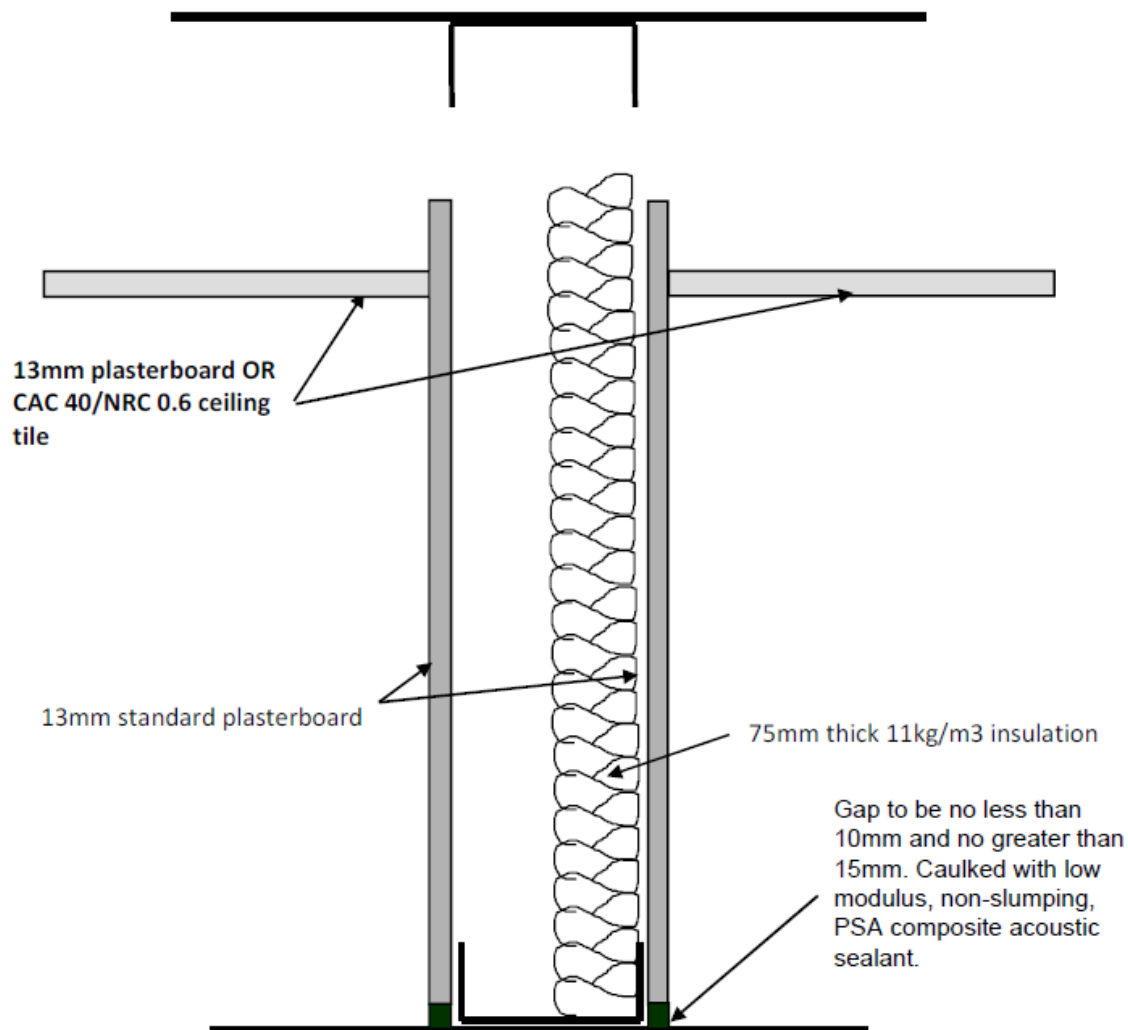


Figure 4 - Rw40 (Typical) Wall Construction

Note:

No untreated ceiling penetrations. Supply/ return air grilles to have insulated ducts behind.
 All wall/ ceiling penetrations to be acoustically sealed. PO's to have acoustic box behind or offset minimum 600mm.

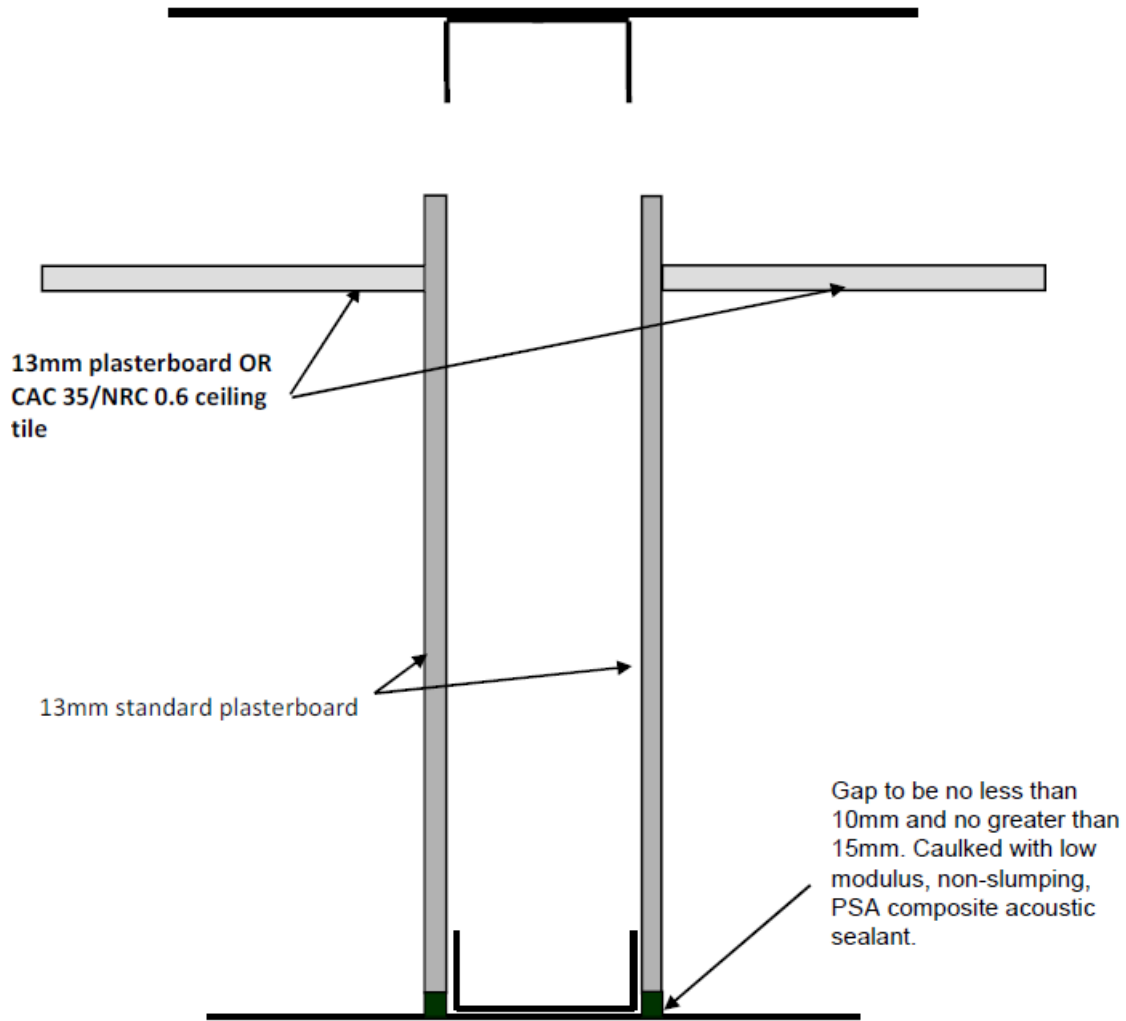


Figure 5 - Rw35 (Typical) Wall Construction

Note:

No untreated ceiling penetrations. All wall/ ceiling penetrations to be sealed.

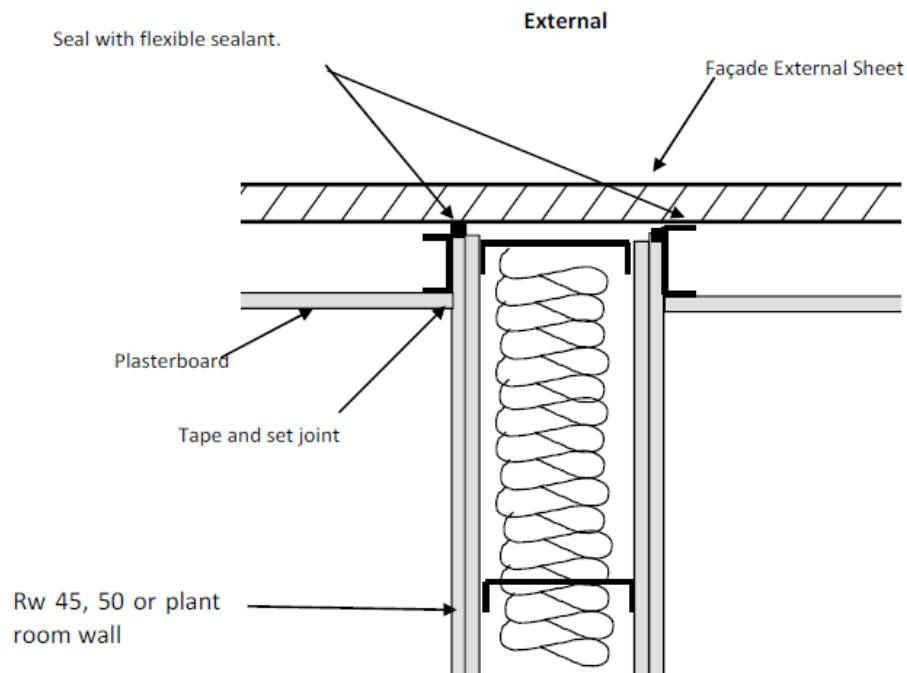


Figure 6 - Rw45 and Rw50 (Partition to External Wall Junction) Wall Construction

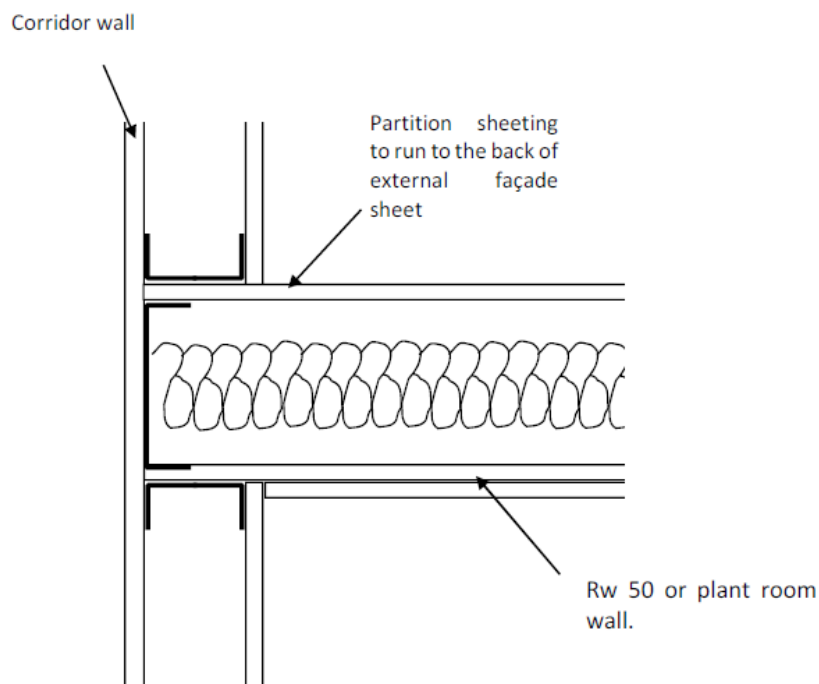


Figure 7 - Rw50 (Plant Room Wall to Corridor Wall Junction) Wall Construction

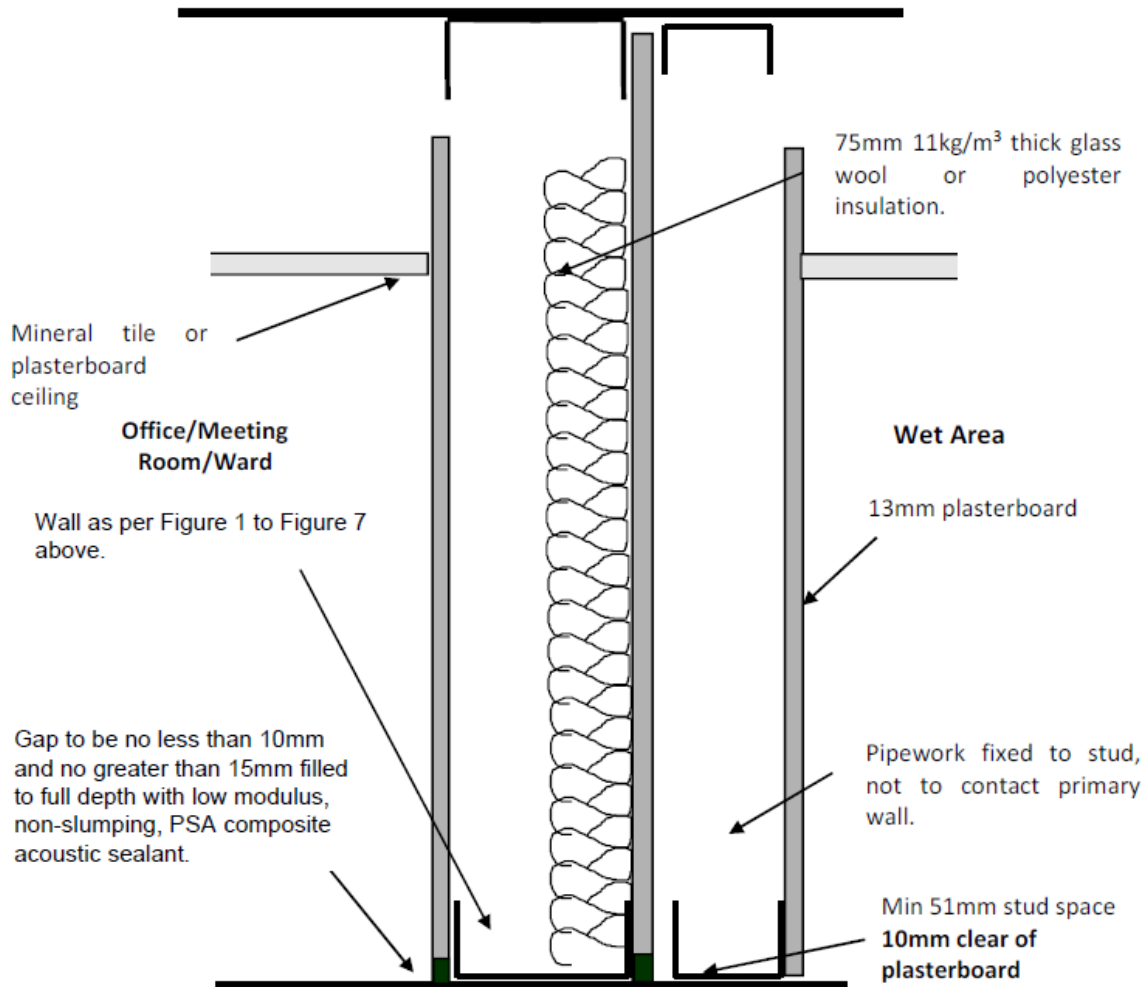


Figure 8 - Dummy Wall Detail

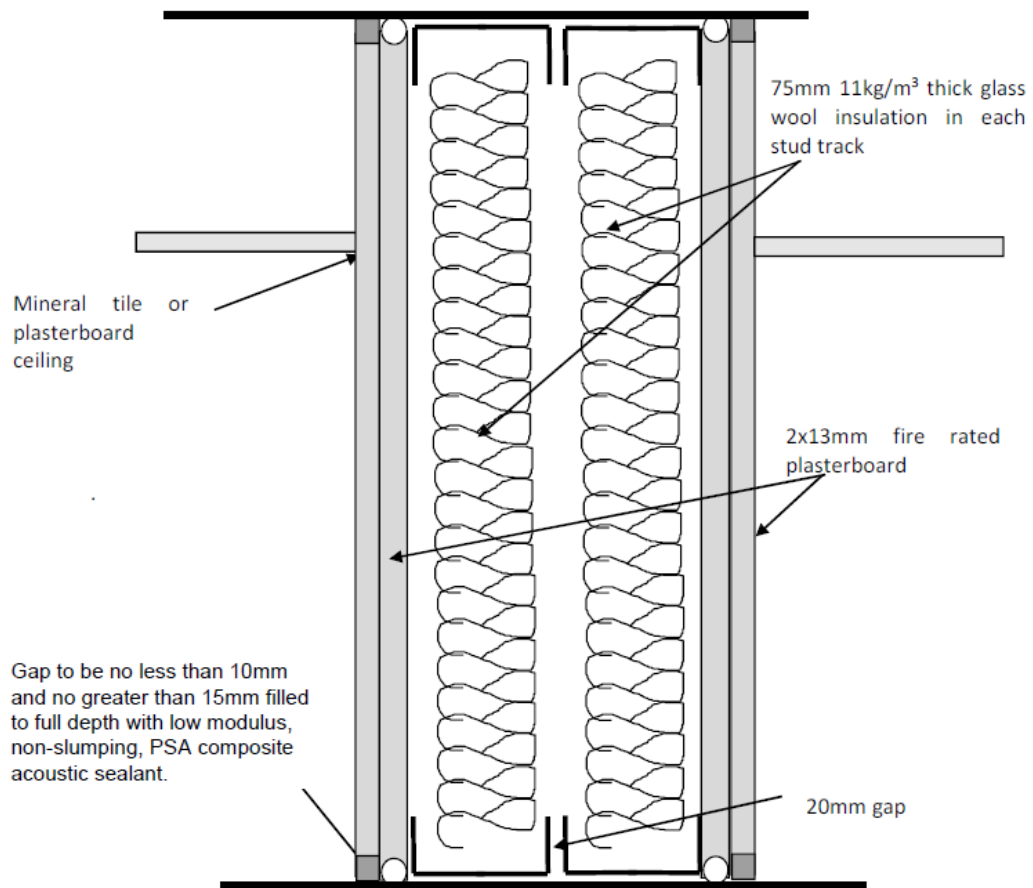


Figure 9 - Plant Room adjacent to Office/ Consult Room Wall Detail

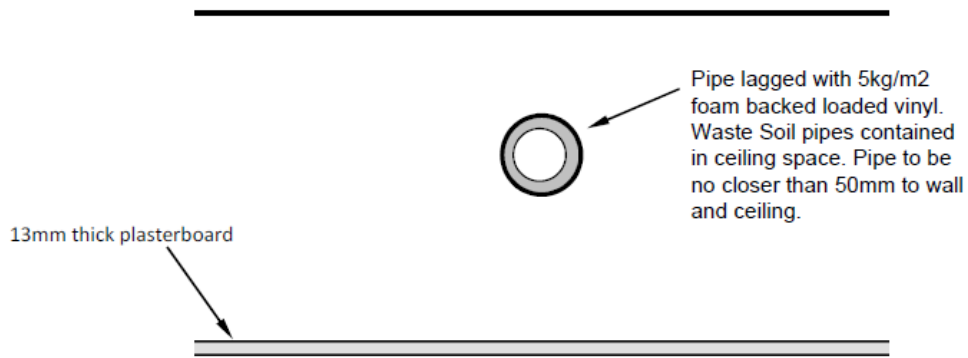


Figure 10 - Treatment of Waste and Stormwater pipes over Patient rooms, Offices, Consult/ Exam Rooms, Group rooms, Treatment rooms, Interview rooms and Meeting rooms

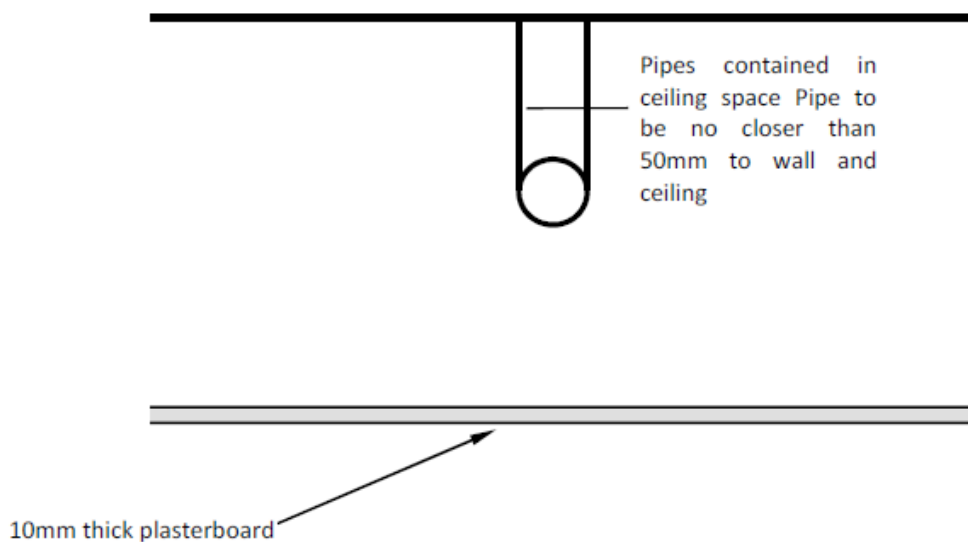


Figure 11 - Waste pipes above Wet/ Utilities areas