

Acoustics Movable Partition

98mm thick partition system with Ultra frame floor and ceiling channel (0.60mm thick, 52mm wide and having two flanges of 50mm each) to the RCC floor and slab with 8mm dia 40mm long Anchor fastener@600mm c/c. Ultra frame wall studs (0.70mm thick, 50mm wide having one flange of 34mm another of 36mm)are placed at 610mm centers in floor and ceiling channel frame profiles are rolled with G.I steel (120GSM &230 Mpa Yield strength) confirming to as per IS 277. Provide 99x2500x0.90 thick frame fixing channel behind horizontal board joints or 900mm c/c with the help of 4.2x13mm wafer head metal to metal screw with 50mm thick 48kg density Rockwool insulation in the cavity with the help of insulation hold strap fixed@1200mm c/c with 2x12mm Anakon Board screw fixed either side of metal framing with the help of 25/38mm long drywall screws at 300mm centres. The screw fixing of gypsum boards to the metal framing at the periphery, openings and cut edges should be at 150mm centres. All the plaster board must be staggered with the joint to be taped and finished with 50mm wide paper tape and APJC jointing compound. All openings cut outs and Periphery shall be treated with Fire and Acoustical Sealant.

