

60 MINUTE FIRE RATED PARTITION - OPTION 1

Non load bearing drywall system
12mm Fire Resistant Plasterboard - Double layer each side

APPLICATION:

Commercial and Residential

WALL PROPERTIES:

Insulation:

14kg/m³ Cavity Batt Insulation 63mm thick (optional)

Fire Rating:

60 Minutes

Sound Insulation Prediction:

Rw 46dB without insulation / 51dB with insulation

Max Height: 4.2m

Material Used:

- A: 64mm Drywall steel stud
- B: 65mm Drywall steel track
- C: 12mm Standard tapered edge plasterboard
- 25mm & 41mm Drywall Screws
- Drywall jointing system
- Floor & ceiling finishes as per specification

APPLICATION DETAIL:

1. Set SUPERTEC steel studs spaced at 600mm c/c into steel track at floor & ceiling.
2. Apply a single layer of 12mm Standard plasterboard vertical to both sides using 25mm drywall screws spaced at 220mm c/c. Stagger joints.
3. Apply a face layer of 12mm Standard plasterboard to both sides staggering all joints using 41mm drywall screws spaced at 220mm c/c.
4. Tape and joint according to specification.
5. Refer to standard specification.
6. Acoustic performance requires sealing between track, floor, ceiling and any other abutment joints.
7. Stagger the plasterboard joints in the system

