

120 MINUTE FIRE RATED PARTITION

Non load bearing drywall system
15mm Fire Resistant Plasterboard - Double layer each side

APPLICATION:

Commercial and Residential

WALL PROPERTIES:

Insulation:

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

Fire Rating:

120 Minutes

Sound Insulation Prediction:

Rw 53dB without insulation / 59dB with insulation

Max Height: 4.4m (64mm stud) / 6.1m (102mm stud)

Material Used:

- A: 63.5mm / 102mm Drywall steel stud
- B: 65mm / 102mm Drywall steel track
- C: 15mm Fire Resistant 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 15mm Fire Resistant plasterboard vertical to both sides using 25mm drywall screws spaced at 220mm c/c. Stagger joints.
3. Apply a face layer of 15mm Fire Resistant 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

