

120 MINUTE FIRE RATED SECURE WALL

Non load bearing drywall system
 12.5mm Fire Resistant Plasterboard - Galvanised steel between double layer of Fire Resistant Plasterboard on 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 54dB without insulation / 60dB with insulation

Max Height: 4.2m

Material Used:

- A: 64mm Drywall steel stud
- B: 65mm Drywall steel track
- C: 12.5mm 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 12.5mm Fire Resistant plasterboard vertical to one side using 25mm drywall screws spaced at 220mm c/c.
3. Apply galvanised steel sheet to each side (min 30mm overlap)
4. Apply a face layer of 12.5mm Fire Resistant plasterboard to both sides.
5. Tape and joint according to specification.
6. Refer to standard specification.
7. Acoustic performance requires sealing between track, floor, ceiling and any other abutment joints.
8. Stagger the plasterboard joints in the system

