

### STANDARD PARTITION - 30 MINUTE FIRE RATED

Non load bearing drywall system  
12mm Standard Plasterboard - one layer each side

#### APPLICATION:

Commercial and Residential

#### WALL PROPERTIES:

##### Insulation:

14kg/m<sup>3</sup> Cavity Batt Insulation 63mm thick (optional)

##### Fire Rating:

30 Minutes (with no aluminium and 64mm stud)

##### Sound Insulation Prediction:

Rw 36dB without insulation / 39dB with insulation (76mm)

Rw 36dB without insulation / 40dB with insulation (89mm)

##### Max Height:

2.7m (76mm) / 3.6m (89mm)

##### Material Used:

- A: 51mm / 63.5mm Drywall steel stud
- B: 52mm / 65mm Drywall steel track
- C: 12mm Standard tapered edge plasterboard
- 25mm 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 tapered edge plasterboard to each side using 25mm drywall screws spaced at 220mm c/c.
3. Tape and joint according to specification.
4. Refer to standard specification.
5. Acoustic performance requires sealing between track, floor, ceiling and any other abutment joints.
6. Stagger the plasterboard joints in the system

