

60 MINUTE FIRE RATED PARTITION - OPTION 2

Non load bearing drywall system
15mm Fire Resistant Plasterboard - one 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 42dB without insulation / 47dB with insulation on 64mm studs

Rw 45dB without insulation / 52dB with insulation on 102mm studs

Max Height:

3.6m (63.5mm stud) / 4.7m (102mm stud)

Material Used:

A: 63.5mm / 102mm Drywall steel stud

B: 65mm / 102mm Drywall steel track

C: 15mm Fire resistant plasterboard

25mm Drywall Screws

Drywall jointing system

Floor & ceiling finishes as per specification

APPLICATION DETAIL:

Set SUPERTEC steel studs spaced at 600mm c/c into steel track at floor & ceiling.

Apply a single layer of 15mm Fire resistant plasterboard to each side using

25mm drywall screws spaced at 220mm c/c.

Tape and joint according to specification.

Refer to standard specification.

Acoustic performance requires sealing between track, floor, ceiling and any other abutment joints.

Stagger the plasterboard joints in the system

