

MEDITE PREMIER FR EUROCLASS C 30 Minute Fire Rated Partition Wall (non-load bearing)

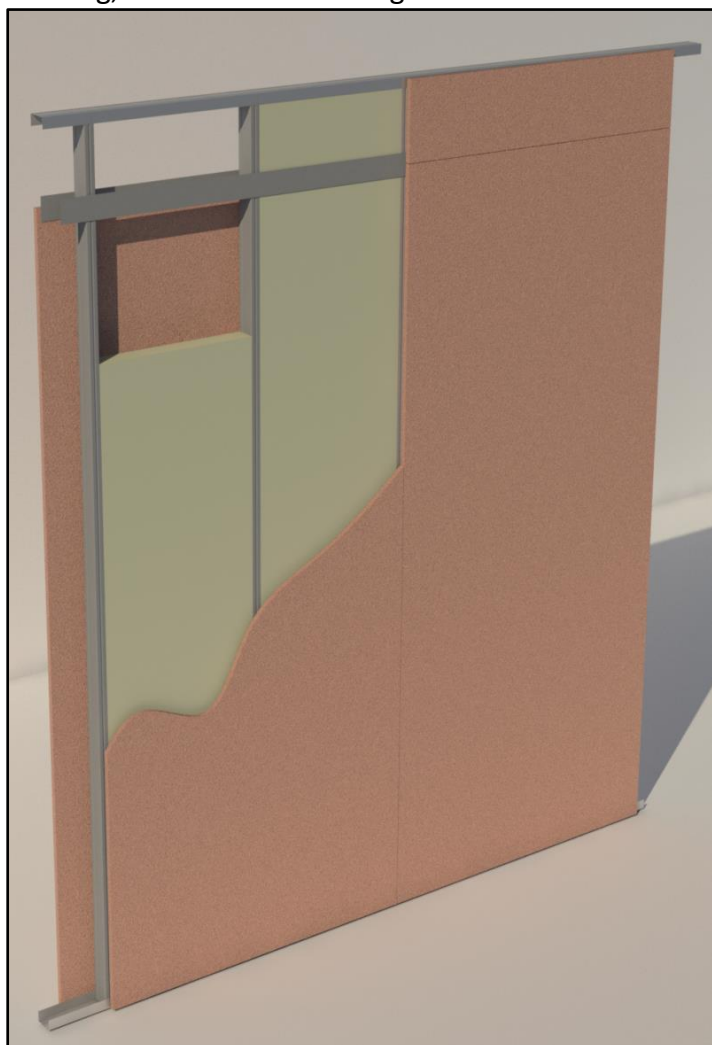
Medite Europe has achieved a 30 minutes fire rating, integrity and insulation in accordance with the criteria of BS 476: Part 22: 1987 for an internal wall partition. The illustrated non-load bearing partition wall design utilised two skins of 18mm **MEDITE PREMIER FR EUROCLASS C** and satisfied the performance requirements, confirmed by Exova Warrington fire report No. 336759.

MATERIAL SPECIFICATION

<p>SHEETING 18mm MEDITE PREMIER FR EUROCLASS C To EN 13501-1: 2007. + A1:2009</p>	<p>INSULATION Rockwool RW5 mineral wool slabs 75mm Thick (1000mm x 600mm)</p>
<p>FRAMING/STUDWORK Metal frame stud reference's refer to the British Gypsum Gypframe System (or similar approved)</p>	<p>FIXINGS British Gypsum Drywall Screws Order Code 27386/5 (or similar approved)</p>

PARTITION SPECIFICATION

Framing, Insulation & Sheeting



SHEETING

18mm MEDITE PREMIER FR EUROCLASS C
EN 13501-1: 2007. + A1:2009

HEAD AND SOLEPLATE

Channel "C" Type of galvanised mild steel, 72mm x 29mm x 0.50mm thick. (Gypframe System 72 FEC 50).

VERTICAL STUD

Stud "C" Type of galvanised mild steel, 70mm x 32mm x 0.50mm thick (including galvanizing) to be fixed at maximum 600mm centres. (Gypframe System 70 S 50).

EXPANSION GAP

15mm is required on all vertical studs at head of partition.

HORIZONTAL JOINTS

Fixing Strap of galvanised mild steel, 70mm x 0.50mm thick (including galvanizing) to be placed behind all horizontal joints to maintain board fixing centres. (Gypframe System GFS1).

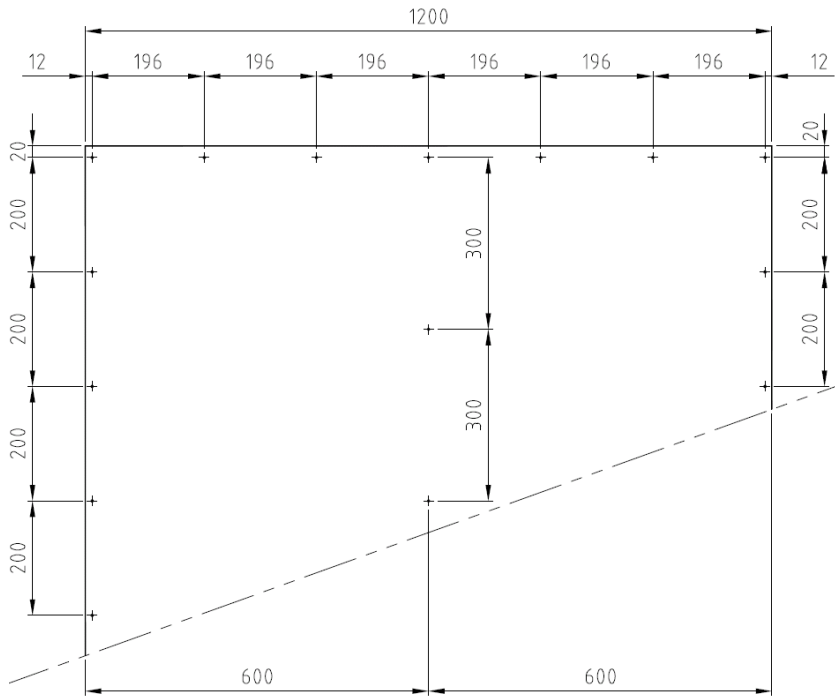
INSULATION

All partitions are to be fully insulated using Rockwool RW5 Insulation (1000mm x 600mm x 75mm) Insulation is to be friction fitted (Snug Fit), No loose fitting insulation. As per manufactures instructions.

IMPORTANT

When fitting insulation, ensure that horizontal joints in insulation do not coincide with horizontal joints in the MEDITE PREMIER FR EUROCLASS C sheeting. All horizontal joints are to be offset/staggered by a minimum offset of no less than 100mm.

SHEETING FIXING CENTRES



Typical Panel Fixing Layout:

Board Perimeter Fixing:
200mm C/C (Nom.)

Intermediate Vertical Fixing:
300mm C/C (Nom.)

Intermediate Horizontal Fixing :
600mm C/C (Nom.)

Screws:

British Gypsum Drywall Screws
Order Code 27386/5

TECHNICAL DATA

30 minutes fire rating integrity and insulation in accordance with the criteria of BS 476: Part 22: 1987.

DISCLAIMER

- Any changes to the construction and materials described in this document will invalidate the fire rating.
- The Fire Safety Requirements of the building should be discussed with the Building Control Officer, the Fire Officer and all Engineering and Architectural interests prior to commencing work.
- For further information and/or technical advice, please contact MEDITE Technical Support Personnel through any of our European offices www.medite-europe.com
- Medite Europe reserves the right to modify this document without prior notification.