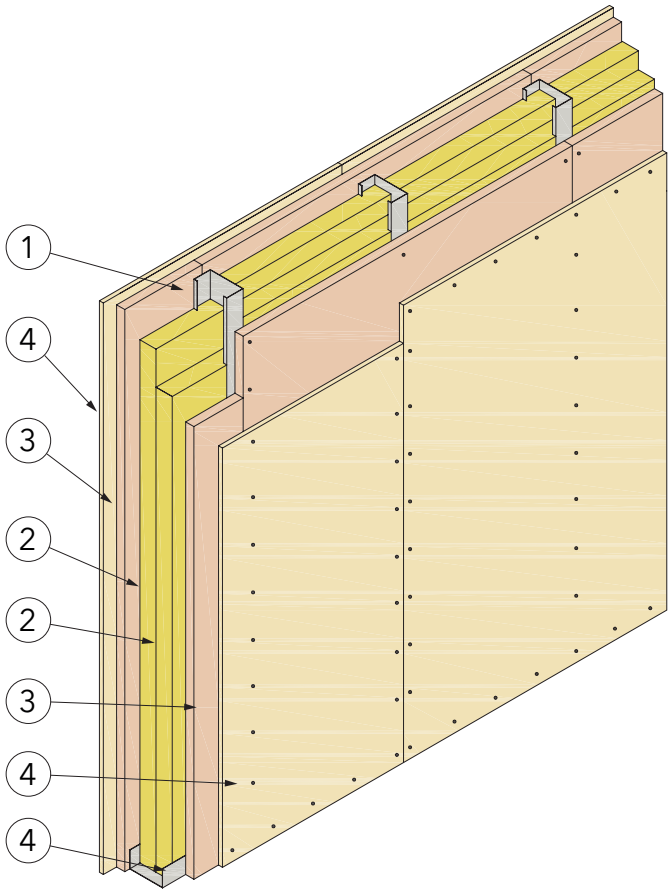

FIRE PERFORMANCE:
240 minutes Integrity and Insulation when tested to BS 476 Part 22: 1987

BOARD DIMENSIONS:
PROMATECT® -250 board, 2500mm long x 1200mm wide x 15mm thick.

SUPALUX® board, 2500mm long x 1200mm wide x 12mm thick.

MAXIMUM HEIGHT:
4000mm

CONSTRUCTION

1. Head and base track of 100mm x 40mm x 0.6mm thick steel channel, fixed to structure using M10 bolts at 500mm centres. 100mm x 50mm x 0.6mm vertical steel channels fixed to structure at each end of the barrier using M10 bolts at 500mm centres. 100 x 50mm x 0.6mm channels are then friction fitted into the head and base track at 600mm centres, ensuring that a 10mm gap is allowed between the top of the stud and the top of the top track to allow for expansion.
2. Two layers of 50mm thick x 80 kg/m^3 rock wool fitted in the void between the inner faces of the barrier. The joints between the two layers should be staggered.
3. One layer of 15mm thick PROMATECT® -250 boards on the inner face on both sides of the barrier, fixed directly to the steel framework using 3.5mm dia. x 25mm long drywall screws at 250mm centres.
4. One layer of 12mm thick SUPALUX® board on the outer face on both sides of the barrier, fixed through the PROMATECT® -250 and into the steel framework using 3.5mm dia. x 36mm long drywall screws at 250mm centres. It is important to ensure that the joints between the two board types are staggered.

Please note: According to the requirements of Approved Document B consideration should be given to requirements for a deflection head detail.

AUTHORITY: BFTC TEST REPORT NUMBER: 05/03