

Cement Impregnated Particle Board

USES:

- Flooring
- Wall boards
- Ceilings
- Home Cinema Rooms
- Recording Studios
- Far superior acoustically than plasterboard

BENEFITS:

- Resistant to fire
- Resistant to humidity
- Dimensionally Stable
- High Acoustic isolation
- Resistant to fungus, bugs and micro-organisms



Cement Impregnated Particle Board is a revolutionary, waterproof, cement impregnated acoustic floor panel designed to improve impact and airborne noise transfer through separating floors. Cement Impregnated Particle Board installed on top of R10 resilient insulation provides a very efficient and stable floating floor. Cement impregnated particle board is now specified in the new Building Regulations Approved Document E as the best material for this application. It is quick to install and is easily cut to size.

Cement Impregnated Particle Board Acoustic Flooring is constructed from two well established building materials - wood and cement. Cement Impregnated Particle Board is a very dense product, light grey in colour and both faces have a hard smooth flat surface.

The soundproofing qualities of this material are far superior to those of standard plasterboard and still better than soundblok or soundcheck plasterboards as is shown in the data below.

Applications:

- Separating floors for new buildings and conversions
- Due to its unique properties, this is also a very useful product for a wide range of alternative applications i.e.
- Wall boarding as an alternative to lighter weight plasterboard

GENERAL PHYSICAL DATA:

Description:

Tongued & Grooved Acoustic Floor Panel

Composition:

Cement Impregnated Chipboard Particle Board

Nominal Thicknesses:

12mm (square edged) and 19mm (tongued and grooved)

Mass Min:

1297kg/m³

(16kg/m² - 2440 x 1220 x 12mm)

(25kg/m² - 1200 x 600 x 19mm)

Flammability:

Class 'O'

Acoustic Properties:

12mm thick $R_w(C;C_{tr})$ 33 (-1;-3) dB (BS EN ISO 717-1)

19mm thick $R_w(C;C_{tr})$ 35 (-2;-3) dB (BS EN ISO 717-1)