



All Round Maintenance

No Job Too Big, No Job Too Small

07306633110

Plumbing and Electrical Installation, Painting and Decorating, UPVC Windows and Doors and more.

Date: 20/01/2025

Customer Name – The Page c/o Mr. Sadiq M.

Customer Address –Page Lounge, 1 Parrock Street, Gravesend, DA12 1EW

Description of job – The construction of a sound insulated wall and roof to the rear of the premises. **Facing Materials to the walls (Internal):**

- Panel 1: 1 x 28 mm Polystyrene Panel + 1 x 18 mm Medium Density Fibreboard + 1 x 4 Mass loaded vinyl

Frame 1: No connections (144mm x 47mm), Stud spacing 600mm, cavity Width 100mm + (Empty cavity)

- Panel 2: 1 x 0.4 mm No Panel

Frame 2: Timber stud (144mm x 47mm), stud spacing 400mm, Cavity Width 144mm + 100mm Rockwool (120kg/m3)

- Panel 3: 1 x 4mm Mass loaded vinyl + 2 x 15 mm Gyproc SoundBloc 15mm

Frame 3: 1 x 18 mm Medium Density Fibre Board with 2 layers of 4mm 10kg mass loaded vinyl and 2 layers of 15mm Gyproc soundbloc plasterboard.

Materials to be used on the roof (Outer, within and Inner facing):

- A flat roof with “Posi-Joists” with 100mm acoustic Rockwall slabs throughout.

Panel 1: 2 x 15 mm Gyproc SoundBloc 15mm + 1 x 4mm Mass loaded vinyl.

Frame 1: Separate Joists (144mm x 47mm), Stud spacing 600mm, cavity width 338mm + 100mm Rockwool slabs.

- Panel 2: 1 x 4mm Mass loaded vinyl + 1 x 18mm Particle Board + 1 x 15mm Rubber.

Frame 2: 15mm Gyproc soundbloc plasterboard as the inner facing of the roof.

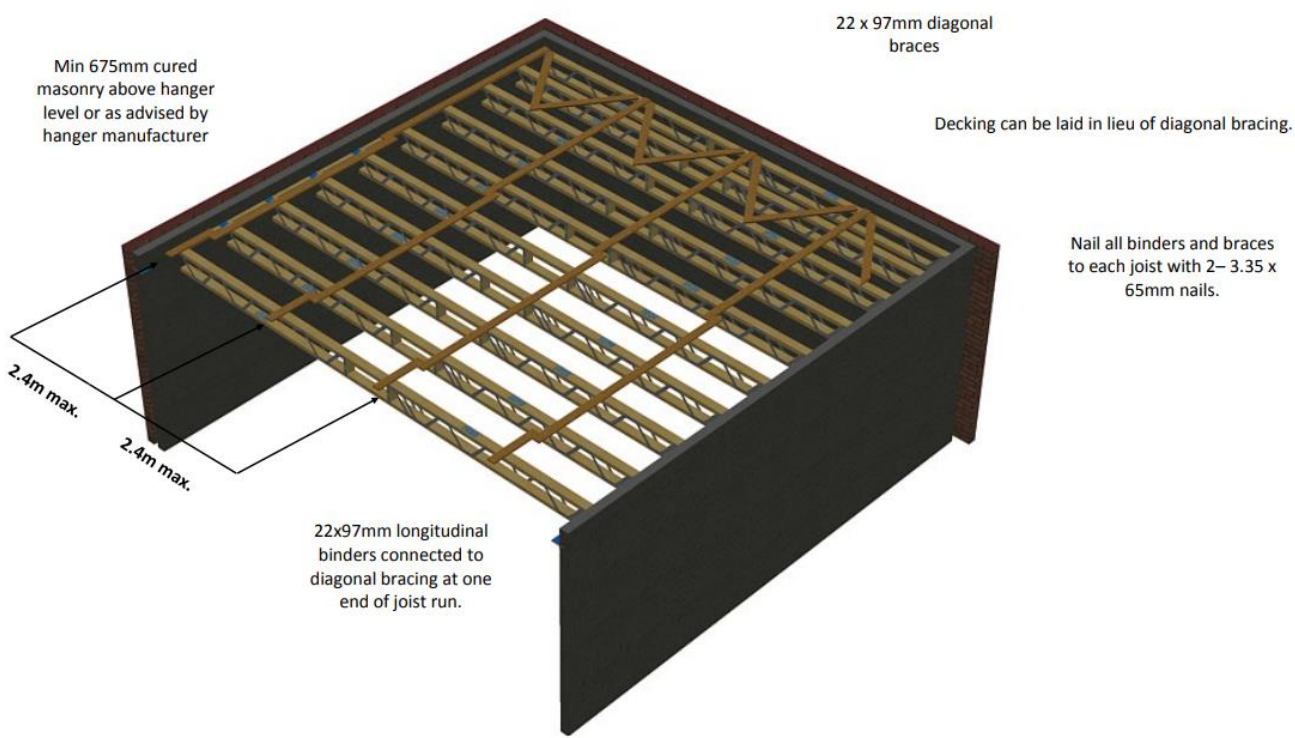
Finish the roof with an EDPM one-piece rubber roof covering and UPVC cladding on the upper outside walls to extend the outer waterproof wall skin.

P.S: All acoustic specifications are based on the recommendations of the acoustic design appraisal and recommendations presented in report dated 19/12/2024 by JG Acoustics.

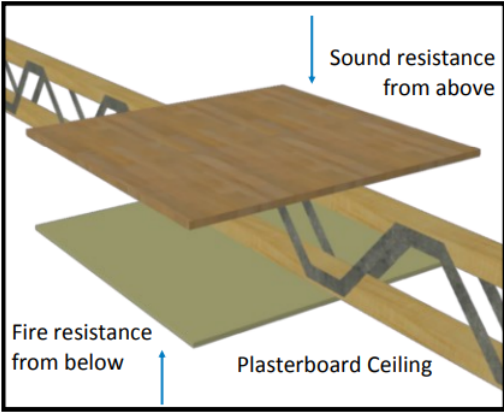
Mr Duran Omer Oral

Company Director

Below is an example of the room within a room construction. The grey being the insulation encompassing the timber frame and the brick being the outer existing walls. I have left off the timber support walls although these will support the pozi joist roof all around the perimeter inside the insulation



Fire Resistance



The requirement for fire resistance is normally 30 minutes for 1st and 2nd floors and this is provided almost entirely by the ceiling plasterboard. The responsibility for the plasterboard specification and fixing rests with the Building Designer.

Posi-Joist™ floors with a variety of floor build ups have been independently tested and certified for 30, 60 and 90 minutes fire resistance.

The following table provides details of Posi-Joist™ fire certification.

ECONOMY



Exceptional floor performance from a wide fixing surface makes flooring easy, controls shrinkage and with precision engineering it all reduces those tiresome return visits and remedial work.

There when you need it ... Posi-Joists™ Trimmable End provides field cutting flexibility!



More benefits such as the unique open web design provide an area in which Plumbers, Electricians and Mechanical Ventilation and Heating Contractors will find it easy and convenient to work. The job's done far more quickly and the contractor makes worthwhile savings.

The Posi-Joist™ ability to span greater distances than its timber competitors and the fact that they are fully competitive with steel and concrete beams makes it immediately obvious that they offer considerable savings in raw materials. The open web design gives the contractor another important advantage: it makes installation of service and utilities far simpler and quicker, reducing both labour costs and build-up time on site.

What's more, since they eliminate the need for load-bearing intermediate walls they dramatically cut overall building costs.

Quite simply, there's no more efficient or economical way to construct floors and roofs.

