

SOUND PROOFING works carried out.

WALLS

Gyproc Soundcoat Plus -Acoustic/thermal render on all brick walls

75mm air gap

Secondary inner 50mm stud wall on rubber mounts loaded with 50 mm AMW 60 Rockwool

GenieClip® Rubber Mounts with resilient bars for attaching plasterboard etc

TecSound 50 heavy rubber barrier mat

1 x layer of 19 mm acoustic plasterboard plus 1x layer of 15 mm acoustic plasterboard

Original timber 20mmT&G

WALL adjoining stairs

Gyproc Soundcoat Plus -Acoustic/thermal render on brick wall

Acoustacel SM20mm heavy duty rubber anti-vibration slabs glued to rendered wall

GenieClip® Rubber Mounts with resilient bars for attaching plasterboard etc

50mm AMW 60 Rockwool infilled

TecSound 50 heavy rubber barrier mat

2 x layers of 15mm acoustic plasterboard

Original timber 20mmT&G boards

FLOOR

Suspended timber floor resting on anti-vibration rubber mounting blocks.

50 mm Rockwool between joists

25 mm ply with 25mm reclaimed parquet blocks on top.

The floor has a 3 mm gap all around and is de-coupled from the walls

CEILING -External flat roof with 25mm timber and bitumous felt laid on asphalt.

150 mm AMW 60 Rockwool between roof joists

TecSound 50 heavy rubber barrier mat

GenieClip® isolating Rubber Mounts with resilient bars for attaching plasterboard etc

2 x layers of 15mm acoustic plasterboard

Original timber 20mm T&G boards

Ceiling skylight is triple glazed.

SHOPFRONT

Glazed with Pilkington Optiphon® Acoustic laminate glass plus 20 mm air gap
plus 12mm toughened glass.

Acoustic Products Used

SOUNDPROOF RENDER

<http://www.british-gypsum.com/products/gyproc-soundcoat-plus>

GENIECLIP SYSTEM

http://www.ikoustic.co.uk/product/genie_clip?

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TECHSOUND

<http://www.soundstop.co.uk/ZTECSO50.php>

SM20 RUBBER SLAB

<http://www.advancedacoustics-uk.com/M20-Acoustic-Soundproofing-Mat--Size--1m-by-1m-sheets,-20mm-thick>

PILKINGTON OPTIPHON

<https://www.pilkington.com/products/bp/bybenefit/noisecontrol/optiphon/default.htm>