

> Hi Simon,

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> The wall construction of the plant roof will be:

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> 2 coat render onto 100mm wide 7N dense concrete block, 100mm fully filled cavity with Earthwool acoustic roll (<http://www.knaufinsulation.co.uk/products/glass-mineral-wool-rolls/acoustic-rolls/earthwool-acoustic-roll>) and 100mm dense concrete block internally.

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> On the inside of the walls we'll use a 52mm Soundstop acoustic panel + 15mm soundbloc plasterboard (http://www.soundstop.co.uk/solutions/wall_solutions/wall_solution_1.php Solution 1b).

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> The floor will be a solid concrete floor (100m concrete slab with 65mm screed) plus a 50mm Earthwool Acoustic Floor Slab Plus (<http://www.knaufinsulation.co.uk/products/rock-mineral-wool-slabs/earthwool-floor-slabs/earthwool-acoustic-floor-slab-and-earthwool>) on top which is used for separating floors in flats.

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> The flat ceiling will have 100mm Earthwool acoustic roll between the joists and 15mm acoustic plasterboard underneath.

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> Regards

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> Paul