



Acoustic Wall Tile / Sound Board

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Summary

Acoustic Wall tiles. 21x21cm square. Anchored with two screws.

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I designed these two acoustic wall tiles in F360. They are 21x21cm square and range from 3-3.6cm high. These were inspired by the wood acoustic wall panels/art that I've seen online. These are a smaller form factor and easily printed on a printer with a bed of 220x220 or larger.

I recommend printing these with 3 walls and at least 15% infill. I generally use 6 top and bottom layers, but YMMV.

Changing infill density should also change sound absorption/reflection.

I've included a photo of a beta version of the panels.

.step files included.

Model files



wall_plate_21x21-3cm-blocks-with-angles-v2a.step



wall_plate_21x21-3cm-blocks-with-angles-v1.step



wall_plate_21x21-3cm-blocks-with-angles-v1.stl



wall_plate_21x21-3cm-blocks-with-angles-v2a.stl

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