



## Magnetic Tiles Haunted House: Doors



3DPmom

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### Summary

Here are the door/door wall surround pieces for the magnetic tile haunted house.

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Here are the door/door wall surround pieces for the magnetic tile haunted house.

PLA Filament works great

Layer height 0.2mm

Infill 15-20%

Neodymium magnets needed: 20x5x2, 10x5x2 and 5x3.

Magnetic build plate highly recommended but not absolutely necessary.

I recommend brims for the larger door surround pieces as a precaution to prevent warping on the corners).

For the door surround pieces, I recommend 20x5x2 and 10x5x2 neodymium magnets to be inserted around the edges to be (below I explain that I like to alternate this two size magnets as I insert them around the edge). I strongly recommend using these size magnets. If you go larger it may not allow the magnets to rotate within their chambers. I like to alternate these two size magnets between the magnets holes (20x5x2, 10x5x2, 20x5x2, 10x5x2, etc.). I found if I used all 20x5x2 they were too strong and if I used all 10x5x2 it felt a little too weak. I recommend 20x5x2 neodymium magnets to be used for the door pieces.

For the 150x150 Large Front Door Wall Surround and 150x150 French Door Wall Surround pieces there is a **small circular space** for one magnet centered above each arch. This needs to be 5x3 neodymium sized magnet.

For the doors, I recommend 20x5x2 neodymium magnets.

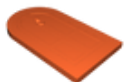
For all of these pieces, add a pause print to insert the magnets as show in the photos for each design. When the print is paused insert the magnets. After the magnets are inserted, resume the print. That's it:)

Here is a link to Amazon for the magnets needed for these pieces:

<https://www.amazon.com/shop/3dpmom>

## Model files

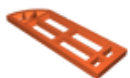
**large-front-door.stl**



**left-french-door.stl**



**right-french-door.stl**





**150x150-french-doors-wood-wall-surround.stl**



**150-x150-large-front-door-wood-wall-surround.stl**

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