



Abstract Geometric Toilet Roll Holder



ArtformDesigns3D

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Summary

There are two versions of the design for either end mounting or face mounting.

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A simple yet bold toilet roll holder.

Having browsed online to buy a commercial toilet roll holder that I actually liked I was shocked that the 'cheapest' one I would purchase was almost £100! So I decided to design my own and this is the result - far more aesthetically pleasing and around 98% cheaper.

I have created two versions of the design; one to be mounted to the wall via one of the six faces and the other to be mounted via the end/base of the body.

I have printed this piece twice without any supports for the body. The first attempt came out perfectly but I felt that it was a little too flimsy so I went back and thickened up the walls. The second print still did okay without supports but there was an issue with a tiny fraction of the overhangs - my guess is that this happened due to a combination of the temperature in

the room that holds my printer being a lot colder on the second print, combined with the fact that the filament I used hadn't been dried before use.

I used paint on supports for the hollow section of the hexagonal bar.

20% infill was used.

Model files



toilet-roll-holder-end-mount-version.stl



toilet-roll-holder-side-mount-version.stl

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