

Drain Grille shower floor waste DWV DN50



camdotcam

[VIEW IN BROWSER](#)

updated 1. 7. 2023 | published 1. 7. 2023

Summary

DWV DN50 Waste Pipe grill, floor waste or sink waste drain grille.

[Household](#) > [Bathroom](#)

Tags: [grille](#) [drain](#) [hexagonal](#)

I made a floor waste grate for my bathroom/shower. I didn't want a large recessed panel for the grille, and as I polished the floor by hand there wasn't a good way to have a inset plate that was level with the surrounding floor.

Photos are taken after 6 months of use, printed in yellow PETG @ 100% infill

I painted a little bit of PVC glue on the inside of the pipe at the depth that the retaining/support ring would sit at, and then slid the retaining ring into place while clipped into the grille part. I put a little bit of wire threaded through the grille, and taped that to the floor to stop it falling deeper into the pipe before the glue set.

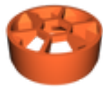
I sanded the top slightly once installed because my floor is not quite level at the drain

It's removable for cleaning (although I haven't cleaned it for 4 months), doesn't seem to get blocked up much, and I have stood on it every shower

since installation with no sign of it breaking. I printed a few variations before I got the perfect fit, so I imagine you can just rescale it in the slicer if you find it's too loose etc. There is some variation possible in the modelling software, but I haven't gone to much effort to make it saleable with the hexagonal grid and chamfers etc.

I'll print a DW40 version for my sink and possibly update here if I remember.

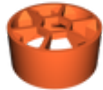
Model files



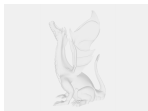
grille.stl



retaining-ring.stl



drainn-plugb-bathroom-cottage-50mm-pvc-v4.3mf



drainn-plugb-bathroom-cottage-50mm-pvc-v4.f3d

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