



Fence for gravel next to drain - Version 2.0



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[VIEW IN BROWSER](#)

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Summary

This is version 2.0 of a a small fence to avoid gravel falling into a drain.



6.27 hrs



1 pcs



0.30 mm



0.40 mm



PET



110 g



Prusa
MK3/S/S+

[Household](#) > [Outdoor & Garden](#)

Tags: [drain](#) [fence](#) [garage](#) [gravel](#) [roof](#)

Version 2.0

This is version 2.0 of **Fence for gravel next to drain**. I improved the appearance and also the rain throughput.

Intro

I do own a garage with a flat roof. In order to protect the roof from UV light coarse gravel has been put on top. The gravel shall not congest the drain, hence I designed a small fence.

Printing

Printed in PETG with 3 perimeters. Also, the tubes have 20 perimeters so that they are printed in circles.

Printed in white as the fence is exposed to heat especially on the garage roof during summer time.

OpenSCAD

The OpenSCAD file has been provided.

Disclaimer

Please use at your own risk. The fence has just (August 2022) been installed on the roof. I have no experience if

- a) the fence will allow enough rain to pass through under heavy rain conditions
- b) the fence is strong enough to keep the gravel away from the drain
- c) the fence lifts after some rain because it is printed with 20% infill. This might lead to gravel falling into the drain and congesting it
- d) the PETG will melt in very hot summer scenarios

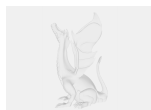
This remix is based on



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by Juergen Opschroef

Model files



fenceforgravelneardrainonroof_20.scad



fenceforgravelneardrainonroof_20.stl

Print files



fenceforgravelneardrainonroof_20_03mm_petg_mk3s_6h1... .gcode

PET 0.40 mm 0.30 mm 6.27 hrs 110 g Prusa MK3/S/S+

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