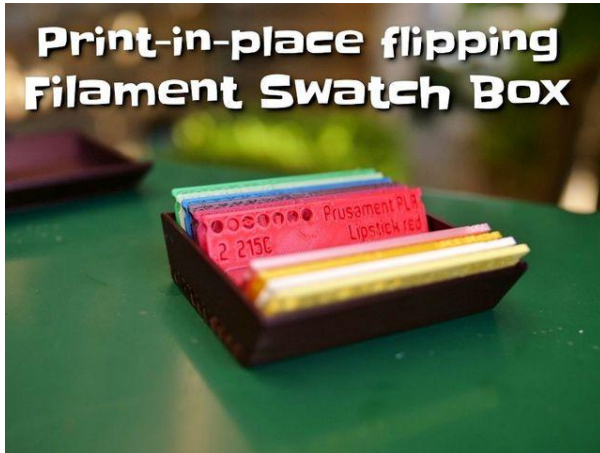


Print-in-place flipping Filament Swatch Box



Filament Swatch box with hinged standard swatches



Makkuro

[VIEW IN BROWSER](#)

updated 17. 11. 2022 | published 17. 11. 2022

Summary

Browsable filament swatch box to keep an overview over available spool colors. Each swatch is held in its own hinge!



4.28 hrs



1 pcs



0.20 mm



0.40 mm



PLA



37 g



Prusa
MK3/S/S+

[3D Printers](#) > [Accessories](#)

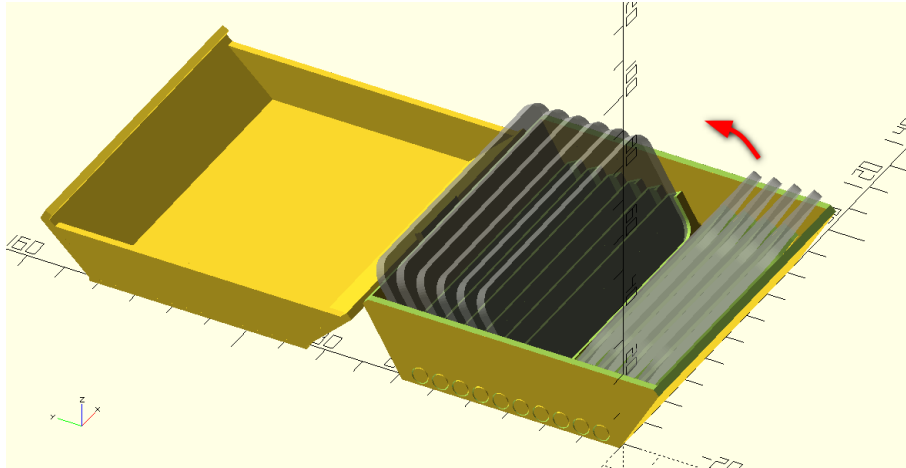
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[customizable](#) [sample](#) [printing](#) [customizer](#) [swatch](#)
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[materialswatch](#) [colourswatch](#) [configurable](#) [filamenttest](#)
[thickness](#) [tags](#) [swatches](#) [filamentcard](#) [filamenttag](#)
[colours](#) [filamentswatchbox](#)

In case you print several **filament swatches**, you might need a storage solution. This is an improved one, where each swatch has its own slot-in

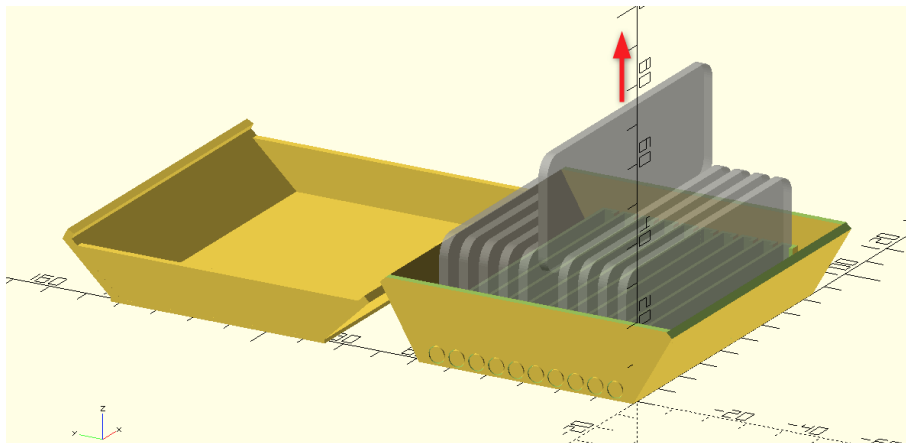
holder which includes a hinge, in order to browse through all the colors/ materials quickly.

Video

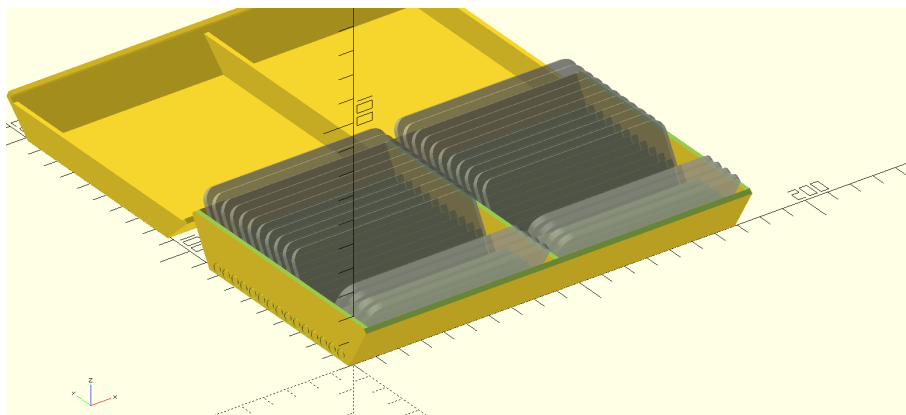
Browsing / flipping swatches:



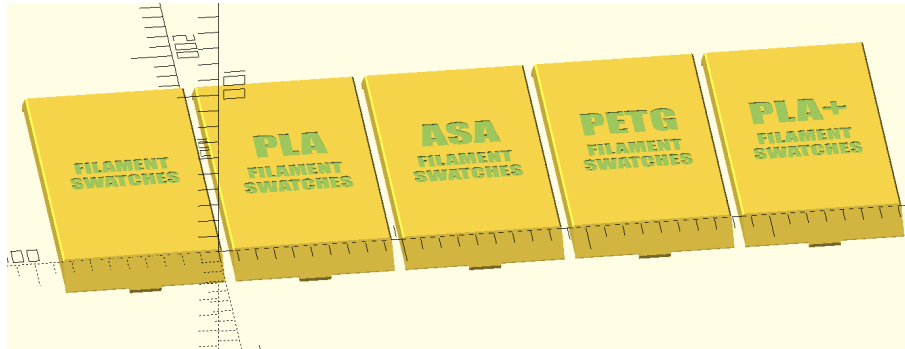
Removing a swatch:



“Times2”-Versions double the number of swatches by having two storages side-by-side:

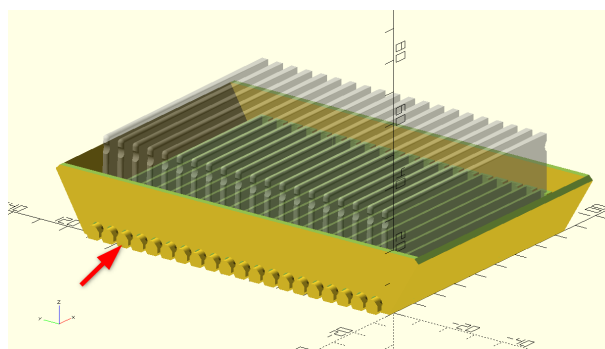


Optional label on top of the lid - to sort your swatch materials into boxes:



Features

- All swatches are **held securely**, can still be browsed through as each swatch is hinged
- **Standard swatches** can be used as they are (backward compatible)
- The swatches can be **removed** and put back freely
- The box is designed to be **print-in-place**
- **Box sizes** are 5, 10, 20, 30, 50 swatches. Even double the swatches fit into the “Times2” version, which has two boxes **side-by-side** (so 30 swatches times 2 = 60 swatches).
- Even more sizes are possible of course using the OpenSCAD source code and **customizer**!
- The lid has either no label, or one **label** of: PLA Filament swatches, ABS, PETG, ASA, PVB, NYLON, PLA+, PC, TPU. Also there are versions with the label EMPTY and OLD, in case you keep those swatches for their sentimental value ;-)
- There is a **wall-mounted version** also available via OpenSCAD customizer, both to fix with nails or for pegboards.
- **Update 11.10.2022 (Version “K”)**: The single box (non side-by-side) Version “K” now has additional stoppers on both sides (STL with “HingeFix” in the name) to avoid that the swatch holders slip out. Thanks to [TheMidnightSmith](#) and [Blizzard](#) for finding that problem.



Swatches

These **filament swatches** fit perfectly:



There are full sets of **Prusament swatches** and **Filament-PM** swatches available. Please let me know if you need other filament producers, and have their color/material list.

Customizing

To customize, install **OpenSCAD** on your own computer and follow the customizing instructions on [this thing page](#).

Print instructions

It slices well using PrusaSlicer, Slic3r or Simplify3D. Don't use supports.

After printing, move the swatches back and forth until they are freed up. Then they will move very nicely!

Depending on how well your printer is dialled in, the swatches might not fit perfectly into the provided slots. If you need more room, increase this number in the OpenSCAD code:

```
//wiggle between swatch and holder - should be small to get a  
good grip  
wiggle=0.1;
```

Thanks

A big thanks to **walk** to find a bug in the labelling code which affected small lids (5 swatches and less)

Big thanks to **queeek**, **nekothechamp** and **ottscott** for their idea to create individual holders for these filament swatches. This idea inspired the construction of this swatch box!

Thanks to [crizey](#) for the picture of his two-color print (better contrast for the text on the lid).

Thanks to [TheMidnightSmith](#) and [Blizzard](#) for finding the problem with the single-box hinges.

Share your make

If you print a box, please share a picture using the "comment" button and attach the picture. Im also interested in your ideas how to improve the box.

If you like it, please have a look at all my [customizable creations](#). There are configurable-text-based creations, [multi-line label](#), [gadget display stand](#), [sweeping name plate](#), [bunting banner](#), [customizable text box III](#), [pyramid text](#), [name plate](#), [Customizable text box with lid](#) and [round text](#). Have also a look at my configurable [pack of dogs](#), [rabbits](#), [reindeers](#) and [santas](#). There are also useful [coat hangers](#) and [finger toys](#).

Upcoming features

- Wall-mount

This remix is based on



Filament swatch

by Makkuro



Customizable Filament Swatch box (Filament tests, filament swatches)

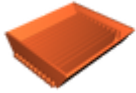
by Makkuro

Model files

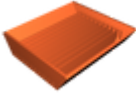


10 swatches

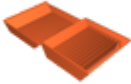
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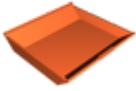
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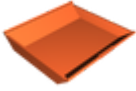
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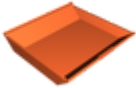
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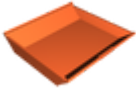
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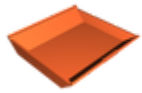
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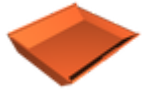
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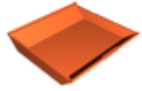
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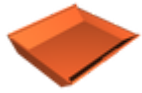
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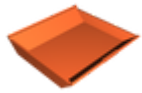
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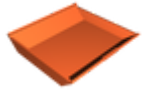
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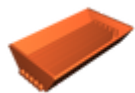


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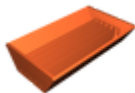


5 swatches

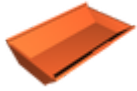
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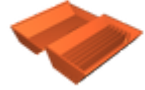
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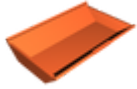
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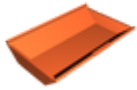
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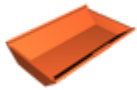
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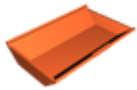
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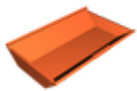
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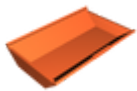
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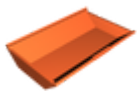
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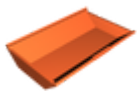
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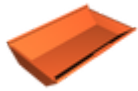
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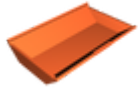
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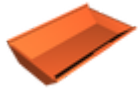
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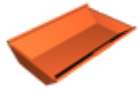
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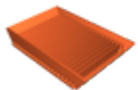


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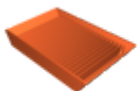


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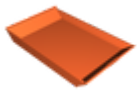
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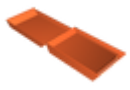
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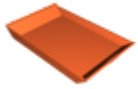
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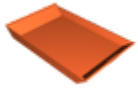
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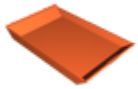
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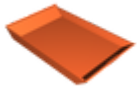
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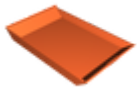
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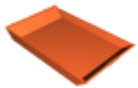
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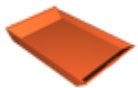
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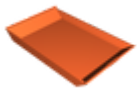
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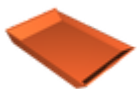
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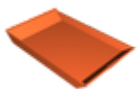
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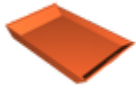
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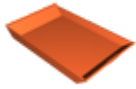
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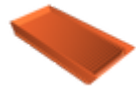


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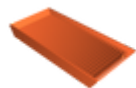


30 swatches

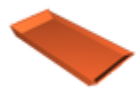
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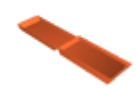
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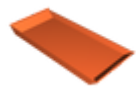
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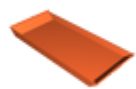
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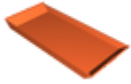
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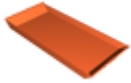
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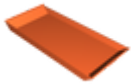
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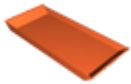
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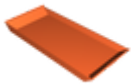
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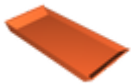
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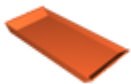
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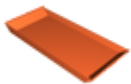
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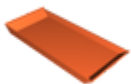
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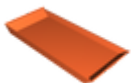
swatch_box_ng_vc_30swatches_top_empty.stl



swatch_box_ng_vc_30swatches_top_asa.stl



swatch_box_ng_vc_30swatches_top_pvb.stl

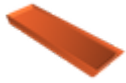


swatch_box_ng_vc_30swatches_top_nylon.stl

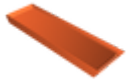


50 swatches

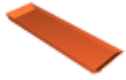
14 files



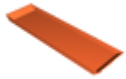
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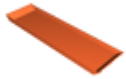
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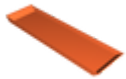
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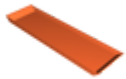
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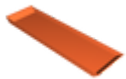
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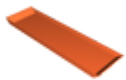
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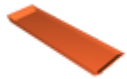
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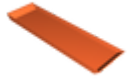
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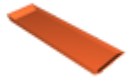
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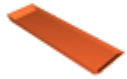
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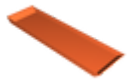
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swatch_box_ng_vc_50swatches_top_pc.stl



swatch_box_ng_vc_50swatches_top_tpu.stl



swatch_box_ng_vc_50swatches_top_pvb.stl

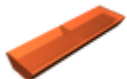


5 swatches times 2 (side-by-side)

13 files



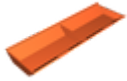
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swatch_box_ng_vd_5swatchestimes2_bottom.stl



swatch_box_ng_vd_5swatchestimes2_top_old.stl



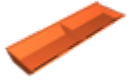
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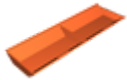
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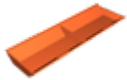
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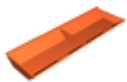
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swatch_box_ng_vd_5swatchestimes2_top_tpu.stl



swatch_box_ng_vd_5swatchestimes2_top.stl



swatch_box_ng_vd_5swatchestimes2_top_pla.stl



swatch_box_ng_vd_5swatchestimes2_top_abs.stl



swatch_box_ng_vd_5swatchestimes2_top_pla.stl

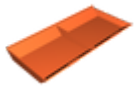


swatch_box_ng_vd_5swatchestimes2_top_asa.stl

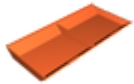


10 swatches times 2 (side-by-side)

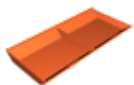
13 files



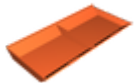
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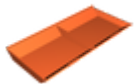
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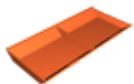
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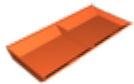
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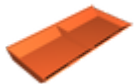
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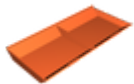
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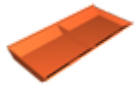
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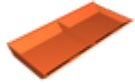
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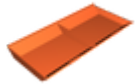
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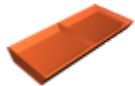
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swatch_box_ng_vd_10swatchestimes2_top_pla.stl



swatch_box_ng_vd_10swatchestimes2_top_pc.stl

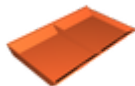


swatch_box_ng_vd_10swatchestimes2_bottom.stl

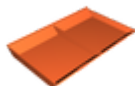


15 swatches times 2 (side-by-side)

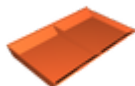
13 files



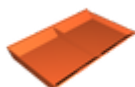
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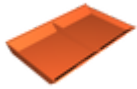
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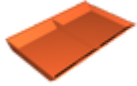
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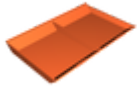
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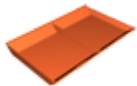
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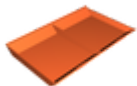
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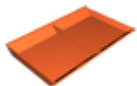
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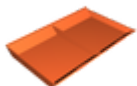
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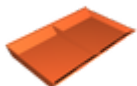
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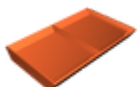
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swatch_box_ng_vd_15swatchestimes2_top_pla.stl



swatch_box_ng_vd_15swatchestimes2_top_tpu.stl

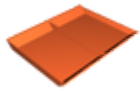


swatch_box_ng_vd_15swatchestimes2_bottom.stl



20 swatches times 2 (side-by-side)

13 files



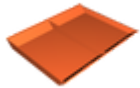
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swatch_box_ng_vd_20swatchestimes2_top_pla.stl



swatch_box_ng_vd_20swatchestimes2_top.stl



swatch_box_ng_vd_20swatchestimes2_top_petg.stl



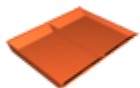
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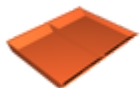
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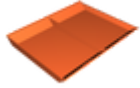
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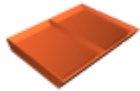
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swatch_box_ng_vd_20swatchestimes2_top_pc.stl



swatch_box_ng_vd_20swatchestimes2_top_pla.stl



swatch_box_ng_vd_20swatchestimes2_bottom.stl



25 swatches times 2 (side-by-side)

13 files



swatch_box_ng_vd_25swatchestimes2_top_abs.stl



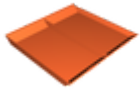
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swatch_box_ng_vd_25swatchestimes2_top_petg.stl



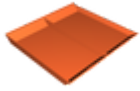
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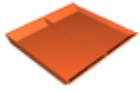
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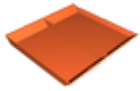
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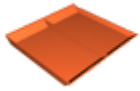
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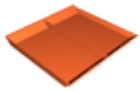
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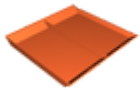
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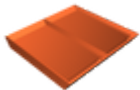
swatch_box_ng_vd_25swatchestimes2_top_tpu.stl



swatch_box_ng_vd_25swatchestimes2_top_pc.stl



swatch_box_ng_vd_25swatchestimes2_top_pla.stl



swatch_box_ng_vd_25swatchestimes2_bottom.stl

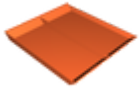


30 swatches times 2 (side-by-side)

13 files



swatch_box_ng_vd_30swatchestimes2_top_asa.stl



swatch_box_ng_vd_30swatchestimes2_top_old.stl



swatch_box_ng_vd_30swatchestimes2_top_empty.stl



swatch_box_ng_vd_30swatchestimes2_top_abs.stl



swatch_box_ng_vd_30swatchestimes2_top_pc.stl



swatch_box_ng_vd_30swatchestimes2_top.stl



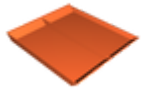
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swatch_box_ng_vd_30swatchestimes2_top_nylon.stl



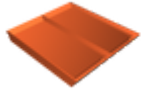
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swatch_box_ng_vd_30swatchestimes2_top_tpu.stl



swatch_box_ng_vd_30swatchestimes2_top_pla.stl



swatch_box_ng_vd_30swatchestimes2_bottom.stl

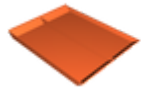


swatch_box_ng_vd_30swatchestimes2_top_pla.stl



35 swatches times 2 (side-by-side)

13 files



swatch_box_ng_vd_35swatchestimes2_top.stl



swatch_box_ng_vd_35swatchestimes2_top_old.stl



swatch_box_ng_vd_35swatchestimes2_top_empty.stl



swatch_box_ng_vd_35swatchestimes2_top_abs.stl



swatch_box_ng_vd_35swatchestimes2_top_pvb.stl



swatch_box_ng_vd_35swatchestimes2_top_nylon.stl



swatch_box_ng_vd_35swatchestimes2_top_tpu.stl



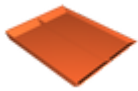
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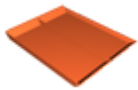
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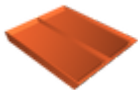
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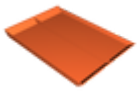


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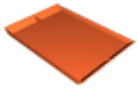


40 swatches times 2 (side-by-side)

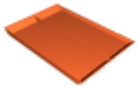
13 files



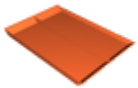
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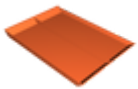
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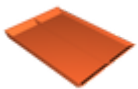
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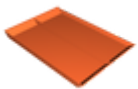
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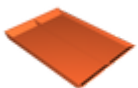
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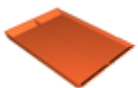
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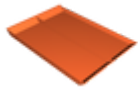
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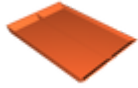
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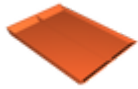
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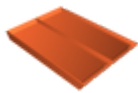
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swatch_box_ng_vd_40swatchestimes2_top_abs.stl



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swatch_box_ng_vd_40swatchestimes2_bottom.stl



swatch_box_ng_vk.scad

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swatch_box_ng_v7_5swatches_topbottom_02mm_pla_mk3_4... .gcode

PLA 0.40 mm 0.20 mm 4.28 hrs 37 g Prusa MK3/S/S+

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