



Christmas Row Houses



MiniMakerspace

[VIEW IN BROWSER](#)

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Summary

Row houses great for a small Christmas village!



24.21 hrs



9 pcs



0.30 mm
0.20 mm



0.40 mm



PLA



267 g



Prusa
MK3/S/S+

[Seasonal designs](#) > [Winter & Christmas & New Year's](#)

I modeled the row houses featured on the 2006 Starbucks advent calendar (last image). These models are roughly the same size as the picture on the calendar. To create the models follow the steps below:

Note 1: There are included fully assembled STLs of all the buildings but I recommend printing the parts individually and gluing them together to get a better finish on the models.

Note 2: the buildings are shown in the image from left to right as Building 1, Building 2, Building 3, and Building 4.

Building 1:

1. Print the base, I recommend 0.3 mm layer height and no supports
2. Print the accessories, I recommend 0.2 mm layer height and printing the top vent upside down with supports on build plate only

3. Superglue the accessories onto the front of the base

Building 2:

1. Print the base-top upside down, I recommend 0.2 mm layer height and supports on build plate only
2. Print the base-bottom upside down, I recommend 0.2 mm layer height and supports on build plate only
3. Print the accessories, I recommend 0.2 mm layer height and printing the top vent upside down with supports on build plate only
4. Superglue the base top to the base bottom
5. Superglue the accessories onto the front of the base

Note for Building 2: the trim on the base bottom sides has been shortened so it can be glued on easily without sanding, but the unshortened version is included in SideTrim2.STL file.

Building 3:

1. Print the base upside down, I recommend 0.3 mm layer height and no supports
2. Print the accessories, I recommend 0.2 mm layer height and printing the lights face up with supports on build plate only
3. Superglue the accessories onto the front of the base

Building 4:

1. Print the base upside down, I recommend 0.2 mm layer height. I also recommend adjusting the support overhang threshold to 65 so supports are added to the top roof to prevent the model from coming off the build plate while printing
2. Print the accessories, I recommend 0.2 mm layer height
3. Superglue the accessories onto the front of the base

Note for Building 4: the left side trim on the right smaller section of the building has been shortened at the top so it can be glued on easily without sanding, but the unshortened version is included in SideTrimLeft4.STL file.

The models were printed on an Anycubic Mega Zero 2.0 with a 0.4 mm nozzle in HATCHBOX PLA filament.

Model files



Building1STL

7 files



buidling1fullassembly.stl



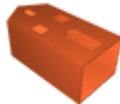
toptrim1.stl



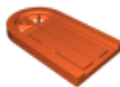
topvent1.stl



steps1.stl



base1.stl



door1.stl

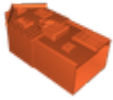


window1.stl



Building2STL

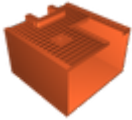
12 files



building2fullassembly.stl



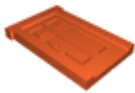
basetop2.stl



basebottom2.stl



chimneytop2.stl



door2.stl



toptrim2.stl



sidetrimshortened2.stl



topvent2.stl



middlewindow2.stl



topwindow2.stl



bottomwindow2.stl

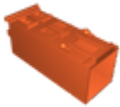


sidetrim2.stl



Building3STL

8 files



building3fullassembly.stl



topwindow3.stl



toptrim3.stl



chimney3.stl



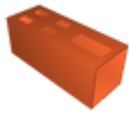
middlewindow3.stl



light3.stl



door3.stl



base3.stl



Building4STL

11 files



building4fullassembly.stl



sidetrimleftshortened4.stl



rightmiddlewindow4.stl



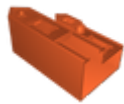
sidetrimright4.stl



sidetrimleft4.stl



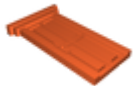
sidetrimpeak4.stl



base4.stl



toptrim4.stl



door4.stl



topwindow4.stl



leftmiddlewindow4.stl

Print files



Building1Gcode

2 files



base1_03mm_pla_mk3s_2h13m.gcode

PLA 0.40 mm 0.30 mm 2.22 hrs 46 g Prusa MK3/S/S+



building1accessories_02mm_pla_mk3s_1h12m.gcode

PLA 0.40 mm 0.20 mm 1.20 hrs 10 g Prusa MK3/S/S+



Building2Gcode

3 files



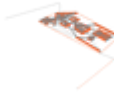
basetop2_02mm_pla_mk3s_5h10m.gcode

PLA 0.40 mm 0.20 mm 5.17 hrs 43 g Prusa MK3/S/S+



basebottom2_02mm_pla_mk3s_3h19m.gcode

PLA 0.40 mm 0.20 mm 3.31 hrs 32 g Prusa MK3/S/S+



building2accessories_02mm_pla_mk3s_1h21m.gcode

PLA 0.40 mm 0.20 mm 1.34 hrs 11 g Prusa MK3/S/S+



Building3Gcode

2 files



base3_03mm_pla_mk3s_2h1m.gcode

PLA 0.40 mm 0.30 mm 2.02 hrs 42 g Prusa MK3/S/S+



building3accessories_02mm_pla_mk3s_1h9m.gcode

PLA 0.40 mm 0.20 mm 1.16 hrs 9 g Prusa MK3/S/S+



Building4Gcode

2 files



base4_02mm_pla_mk3s_6h47m.gcode

PLA 0.40 mm 0.20 mm 6.78 hrs 66 g Prusa MK3/S/S+



building4accessories_02mm_pla_mk3s_1h1m.gcode

PLA 0.40 mm 0.20 mm 1.01 hrs 8 g Prusa MK3/S/S+

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