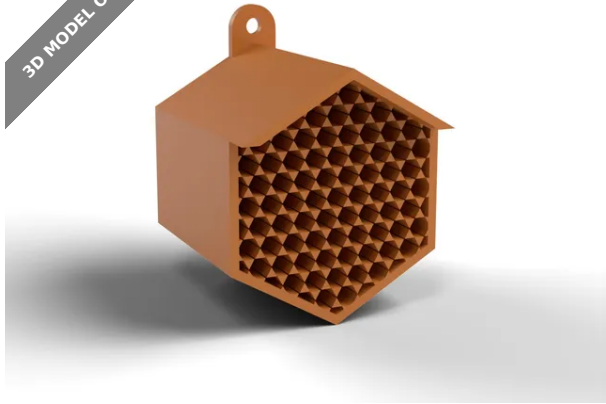


3D MODEL ONLY



Bee Hotel - Honeycomb Nesting Block for Solitary Bees with Roof and Hanging Tab (OpenSCAD)



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[VIEW IN BROWSER](#)

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Summary

A hexagonal nesting block for mason bees: a honeycomb of blind 8 mm tubes under a little roof.

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A home for solitary bees such as red mason bees: a honeycomb of 8 mm tubes, closed at the back as bees like, with a roof that sticks out over the top to keep the rain off and a tab to hang it.

DETAILS

- 100 mm across the corners, 80 mm deep tubes (95 mm with the roof).
- Hang it in spring on a sunny, sheltered wall or post, 1-2 m up, facing south or south-east, with the tubes level.

- Prints lying on its back with no supports. Bambu Studio: 14 h 31, 184 g (it's a lot of thin walls).
- Use PETG or ASA outdoors. Bees prefer longer tubes: raise the depth if your printer is tall enough. Replace it every couple of years so pests don't build up.

CUSTOMIZE (OpenSCAD)

Size, tube depth, tube size, wall thickness and roof overhang.

Designed with AI assistance (OpenSCAD). Rendered images; not printed or field-tested yet.

Model files



bee-hotel_h2c.3mf



bee-hotel.stl



bee-hotel.scad

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