

LARGE BEE HOTEL

INSTRUCTIONS

1. Measure pieces. Cut with table saw.
2. Use hole saw to drill hole into both triangle pieces at the same time. Clamp pieces together and secure in a vise.
3. Attach back triangle to back pieces. Attach sides to back piece.
4. Attach top, bottom, and shelves. Drill emergence chamber holes ($3/8$ "— $1/2$ " through the top shelf, toward the front).
5. Attach roof pieces together. Attach roof to back triangle. Attach support piece to roof. Attach front triangle.
6. Sand all edges. If necessary, add wood glue or filler if there are gaps between pieces, particularly the roof piece. Add waterproof stain to the outside of the structure if desired.
7. Cut pieces of 2x4, 2x3, stems, logs, natural stalks or paper straws to 6" lengths
8. Place blocks in a vise. Sand the outer side of the wood block until smooth.
9. Drill holes into wood blocks, including the dowel for the roof. Use sizes between $3/32$ " - $3/16$ ". Use 6" long drill bits.
10. If possible, roll a small strip of parchment paper and insert into the wood block tunnels to make future maintenance easier.
11. Place tunnels and blocks in the bee hotel. Add enough materials to ensure everything is packed in tightly.
12. Place your hotel facing south or southeast, next to a flower or vegetable garden in the spring. Place it a few feet off the ground, on a fence, or attached to a garden stake securely in the ground. Monitor your hotel for bee activity.
13. In the fall, remove liners or straws that have been used. Open the emergence chamber by removing the screws from the front triangle and the 2" dowel. Place bee cocoons in the emergence chamber and reattach the front triangle.
14. Clean out the rest of the hotel, and replace straws, stalks and paper liners as needed.



DETAILS

Size: Large

Difficulty: Advanced



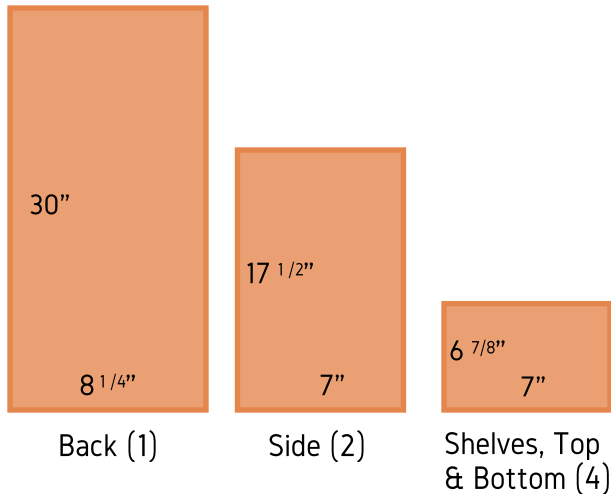
MATERIALS

- 1" - 12" board wood. Avoid warped pieces if possible. Do not use cedar.
- 2" dowel (or other stem)
- Approximately 32-35 x $1\ 1/4$ or $1\ 1/2$ screws
- Drill
- Drill bits
- Screwdriver
- Vise
- Measuring tape and pencil
- Wood blocks, stems, straws or natural stalks for the tunnels
- Table saw
- 2" hole saw
- Sander or sandpaper
- Wood glue or wood filler
- Parchment paper
- Wood stain (optional)

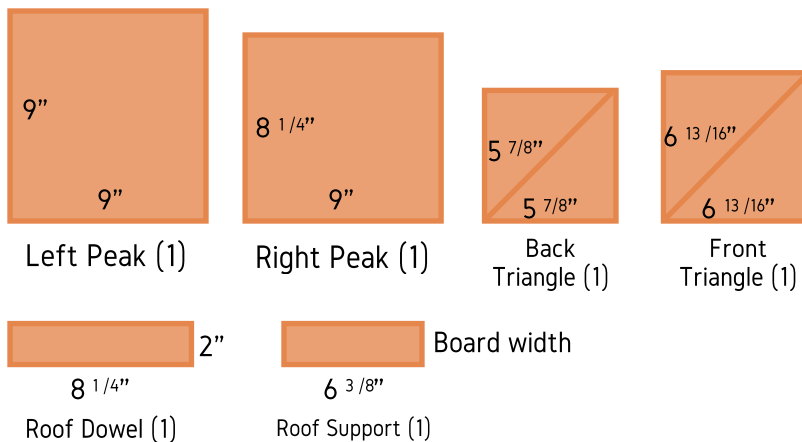
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PIECES TO CUT

BOX



ROOF



Note: Back and Front Triangular pieces should be cut square, then cut into triangles. Creates a set of triangles for 2 bee hotels.

**Dimensions are listed in inches. Number of pieces to cut is listed in parentheses.*

TIPS

- Wear eye protection when drilling holes for your bee hotel
- Pre-drill all holes prior to attaching pieces to prevent splitting
- Exercise caution when handling the drill as drill bits become hot after use
- We recommend attaching the bottom piece to the side pieces first, then the back piece and finally the top
- Cut the straws a bit longer than you want them, and fold the cut end over. Place the cut and folded end inside the hotel
- Make your bee hotel even more attractive to bees by planting native flowers in your garden

