

TOP BAR HIVE

OUR REDWOOD TOP BAR HIVE COMES WITH TWO COPPER COMPOSITE ROOF PANELS INSTEAD OF SHINGLES & RAILS.

ASSEMBLY QUESTIONS?
 CUSTOMER SERVICE IS AVAILABLE DAILY!
HELLO@BEEBUILT.COM

ESTIMATED HIVE ASSEMBLE TIME:
1 HOUR

TOOLS NEEDED:

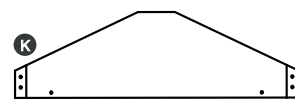
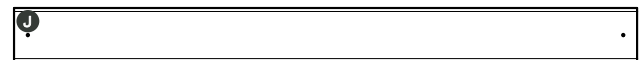
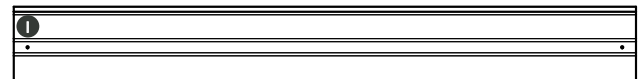
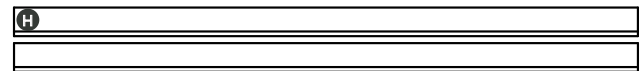
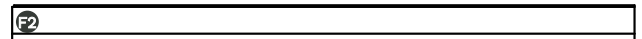
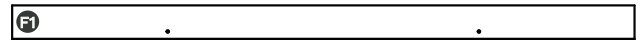
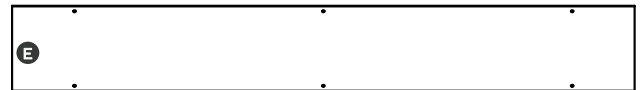
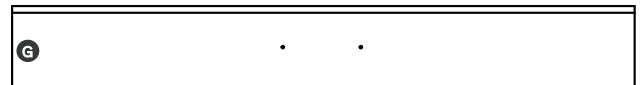
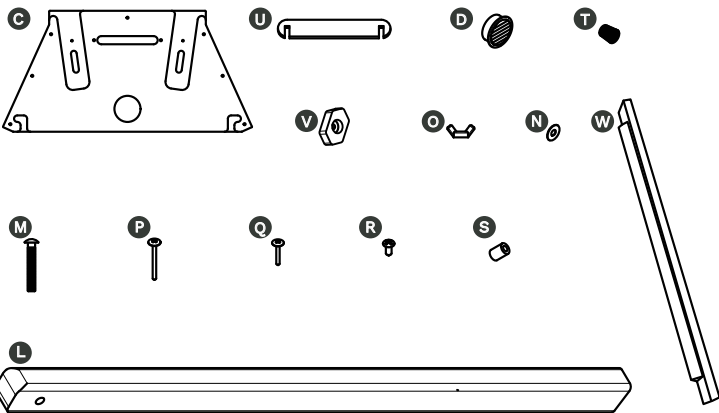
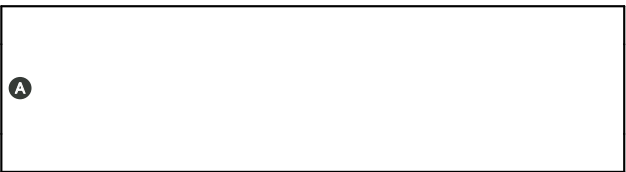
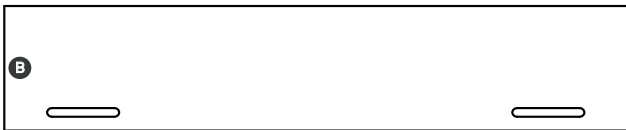
- DRILL WITH PHILLIPS BIT
- LEVEL

OPTIONAL:

- WOOD GLUE
- SILICONE OR CAULK

PARTS INCLUDED:

- | | | | |
|--|--------------------------|--------------------------------|---|
| A 1 SOLID BOTTOM | G 1 WINDOW COVER | M 4 CARRIAGE BOLTS | S 4 PLASTIC BUSHINGS |
| B 1 ENTRANCE SIDE | H 2 ROOF RAILS | N 4 WASHERS | T 2 SPRINGS |
| C 2 HIVE ENDS | I 4 ROOF SHINGLES | O 4 WING NUTS | U 4 BLACK WALNUT ENTRANCE COVERS |
| D 2 ALUMINUM LOUVER VENTS | J 1 ROOF CAP | P 40 LONG 1 5/8" SCREWS | V 2 BLACK WALNUT LATCHES |
| E 1 LEXAN WINDOW | K 2 GABLED ENDS | Q 12 MEDIUM 1" SCREWS | W 28 DOUGLAS FIR TOP BARS |
| F (1) TOP WINDOW RAIL
(2) BOTTOM WINDOW RAIL | L 4 LEGS | R 6 SMALL 3/8" SCREWS | |



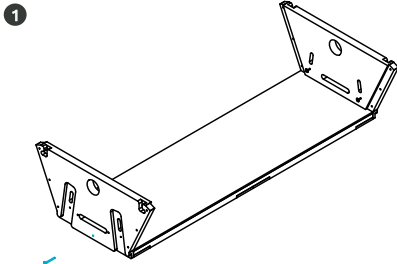
AT LEAST 5% OF OUR PROFITS ARE CONTRIBUTED TO ORGANIZATIONS DOING GOOD FOR HONEY BEES AND OTHER POLLINATORS.

OUR TOP BAR HIVES ARE PRECISION MILLED & HANDMADE IN PORTLAND, OREGON FROM DOUGLAS FIR, SUGAR PINE, AND CALIFORNIA REDWOOD.

HIVE BODY

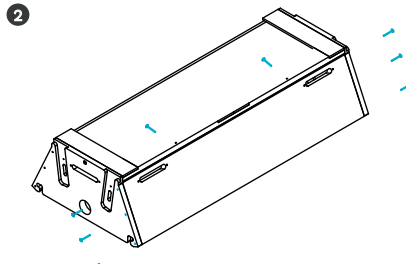
FIRST BUILD THE BODY OF THE HIVE, WHERE YOUR BEES WILL LIVE. GATHER THE FOLLOWING PARTS & HARDWARE:

- | | | | |
|---|----------------------------------|---------------------------------|----------------------------------|
| C 2 SHORT SIDE ENDS
(WITH ENTRANCE AND VENTILATION HOLES) | P 14 LONG (1 5/8") SCREWS | R 6 SMALL (3/8") SCREWS | Q 2 MEDIUM (1") SCREWS |
| A 1 (40") SOLID BOTTOM | Q 8 MEDIUM (1") SCREWS | G 1 (40") WINDOW COVER | D 2 ALUMINUM LOUVER VENTS |
| | E 1 (40") LEXAN WINDOW | V 2 BLACK WALNUT LATCHES | |
| | F 2 (40") WINDOW RAILS | T 2 SPRINGS | |



1 Attach the short ends to the bottom by setting the solid bottom board on a flat surface. At the edge of a table or surface, line up one of the short sides to the board's short end (this makes for easy drilling) and attach. On the other side, do the same.

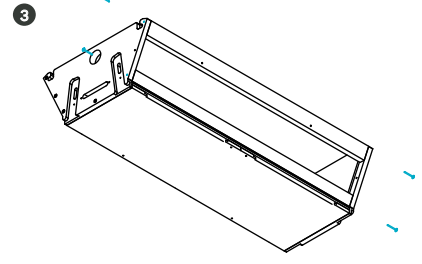
Remember that the bottom board's screen goes towards the inside of the hive, the slotted boards beneath the screen towards the ground.



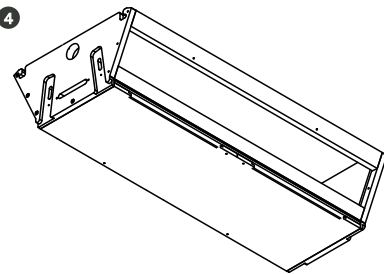
2 Now to attach the entrance side: flip the hive upside down, attaching the long entrance side to the side ends, making sure no gaps appear.

Tilt hive up on angled end sides for easy drilling of remaining top two screws on each side.

Flip hive back over with the bottom board side up (so hive is upside down).



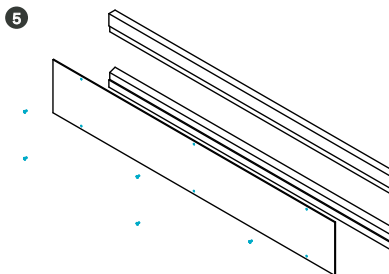
3 To construct and attach the window side: attach top rail (F1) on the window side to the two short ends with notch side in. Turn hive back over so bottom board is down and hive is right side up. Attach the bottom rail of the window side.



4 Tilt hive up on angled window sides.

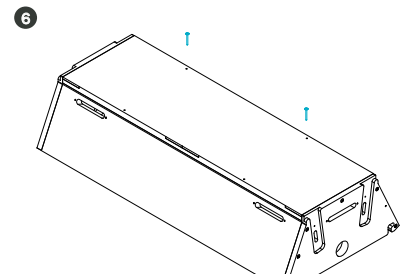
Propping it up against a wall might help here for stability.

Remove cover film from side of Lexan window.



5 To set the Lexan inside the window side, you will need to bend it a little to fit into end slot and allow enough room for the window to lay flat.

Use the 6 small screws to secure.



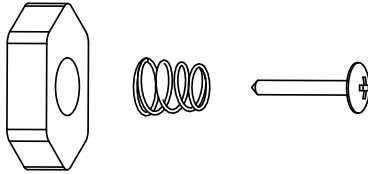
6 To secure the bottom, flip the hive back over and screw in the last 2 screws thus securing bottom to sides.

THE WINDOW MATERIAL IS LEXAN, LIKE WHAT YOUR CREDIT CARDS ARE MADE OF; IT BENDS & DOESN'T CRACK EASILY! IT WILL STAND UP TO YOUR DRILL. SECURE WITH THE PROVIDED SCREWS.

CAREFUL: DON'T SCREW ANYTHING INTO THE MIDDLE HOLE ON THE WINDOW SIDE OR YOUR WINDOW WILL NEVER OPEN.

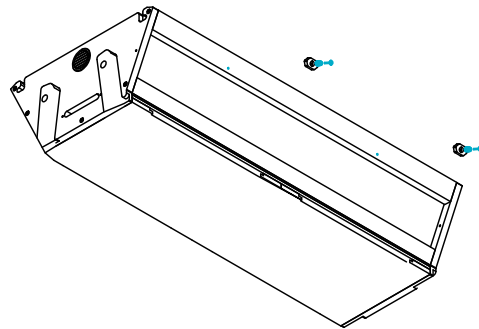
HIVE BODY

7



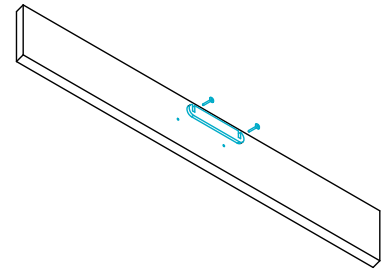
Now grab your walnut latch kit! Insert the wide part of the spring into the hole in the latch. Set your screw in the spring so the head of the screw rests on the narrow part of the spring.

8



Attach latches for the window using pre-drilled holes in window top rail.

9



Finally, attach your window handle.

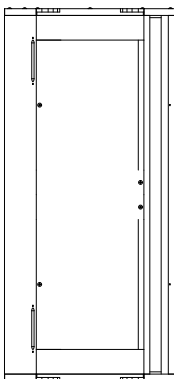
The window handles and entrance closures are identical so you can't choose a wrong one!

Align the handle with the two marks at the center of the window cover, drill screws in tightly to attach and secure.

HIVE LEGS

YOUR HIVE'S MAIN CAVITY IS DONE! NOW LET'S GET THEM SOME STURDY, LEVEL LEGS SO THEY CAN DRAW THEIR COMB STRAIGHT AND ARE UP OFF THE GROUND! GATHER THE FOLLOWING PARTS & HARDWARE:

10



Stand the hive up on one end. Place leg flush on ground. Place bolt through one leg and position leg into the leg slot, feeding bolt through hole in hive. Make sure the bolt goes all the way through and is flush against the leg. You might need to tap the bolt with a rubber mallet to ensure it is all the way through.

L 4 LEGS

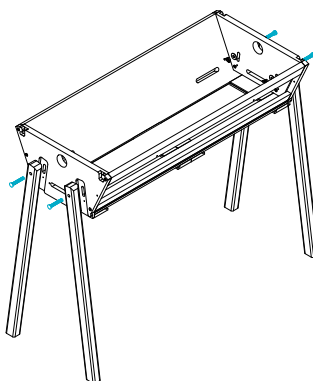
O 4 WING NUTS

M 4 (2 1/2") CARRIAGE BOLTS

P 4 LONG (1 5/8") SCREWS

N 4 WASHERS

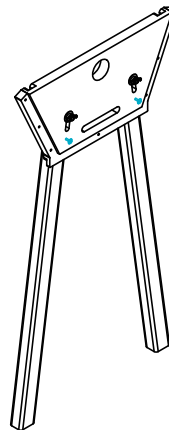
11



Attach washer from the inside and use wing nut to tighten up. Don't over do it! Secure tightening comes later so don't go nuts... or bolts! Repeat process for remaining 3 legs.

Once you get your hive to its final location, you will want to loosen the wing nuts and adjust the legs one by one. Use a level to get the most accurate alignment to the ground possible.

12



Once your legs are leveled in the final placement where your hive will live and be located, use 2 long (1 5/8") screws to secure the legs in their leveled position.

Screw them into the pre-drilled holes from the inside of the hive body.

GREAT JOB! NOW YOU ARE READY TO ASSEMBLE THE REST OF YOUR HIVE!

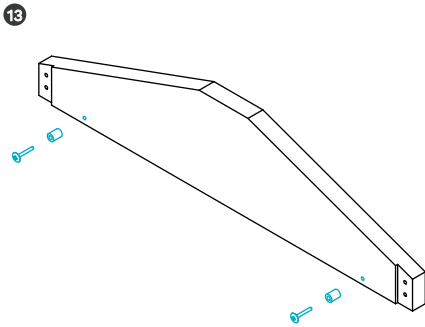
HIVE ROOF

WE HOPE IN THE WARM MONTHS YOU WILL ENJOY WATCHING THE ACTIVITY AT THE ENTRANCE AND BEAUTIFUL NATURE AND BEHAVIOR OF HONEY BEES! NOW, GATHER THE FOLLOWING PARTS & HARDWARE:

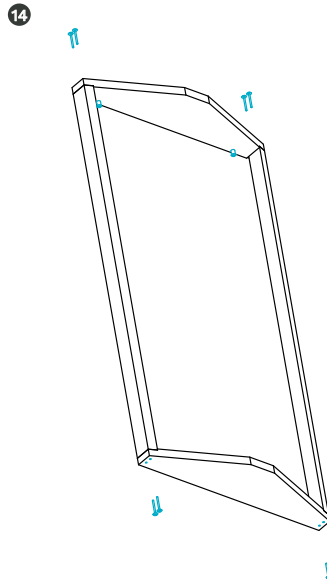
- K** 2 GABLED ENDS
- L** 4 (45°) SHINGLES

- J** 4 (45°) RIDGE CAP
- S** 4 PLASTIC BUSHINGS
- Q** 4 MEDIUM (1") SCREWS

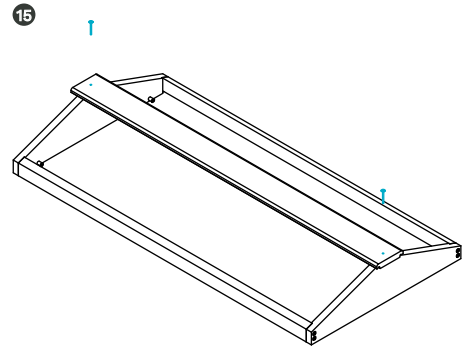
- P** 18 LONG (1 5/8") SCREWS
- U** 4 BLACK WALNUT ENTRANCE COVERS



Gather the white nylon bushings. Put 1" screws into nylon bushings into the inside of gabled roof ends, and place into marked indents.

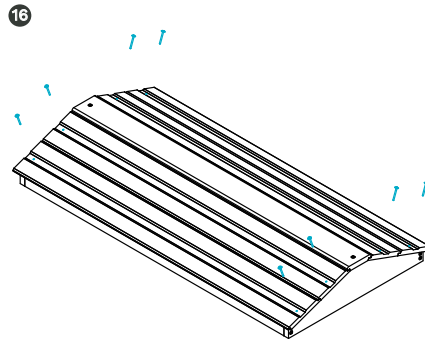


Stand the roof sides up and attach the gabled ends.



Find the ridge cap (center part of the roof), center it by length and width down the middle. It should overhang on either end about 1/2" (loose).

Screw on ridge cap to gabled ends but not all the way to leave room for shingles. Leave the screws a bit loose!



Place top shingles up under ridge cap until they fit with no gap. Locate pre-drilled holes and attach using 1 long (P) screw on each end of the shingle. Place bottom shingle up under top shingle so they overlap. Tighten ridge cap screws all the way.

Sealing the point of connection between two pieces of wood with silicone caulk ensures a watertight seal and additional insulation for the bees.



Use your entrance covers as a reference for where your screws will go, or 1/4" from the outside of the opening. Attach entrance covers, but leave the screws slightly loose! The bees will glue them down from the inside using propolis.

A NOTE ON TUNG OIL

Tung oil is a natural sealant, allowing the wood to retain its natural beauty and providing an extra barrier against the elements. We encourage a chemical-free tung oil treatment to the entirety of the outside of your assembled hive. Applying the oil after assembly ensures you won't accidentally apply any to the inside of the hive. Tung oil takes time to dry and can be messy so consider application once the hive has been placed in its final location. For best results we recommend sealing your hive prior to any extended outside exposure. Do not apply until you are finished assembling your hive! Tung oil can only be applied to the outside of your hive, never ever the inside or inside joints—the smell could make your bees flee!

ANY RAGS USED FOR TUNG OIL APPLICATION SHOULD BE PROPERLY DISPOSED OF IMMEDIATELY

MASTER AND SEASONED BEEKEEPERS AGREE, SO MUCH CAN BE LEARNED FROM YOUR HIVE SIMPLY BY WATCHING THE BEES COME AND GO!