HORIZONTAL TOP BAR HIVE

ASSEMBLY GUIDE

ROOF

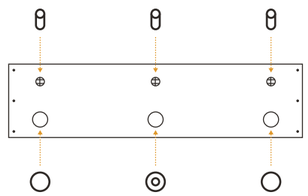
BODY

STAND

MAINTENANCE

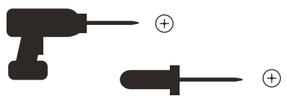
Hive Management *Accessories Included*
3 corks *and* 3 bungs (1 bung has a hole in the center to allow limited entry in the winter months)

TO USE: Plug ventilation holes, located on the back side of the hive body, with the 3 corks and plug the entry holes with the bungs to reduce entry. Note that these corks may be lose initially but as your hive ages they will fit more snuggly in the holes.



TOOLS

Tools Needed *2 total*
Drill *and* Screwdriver w/ Phillips head



FINISHES

Natural Finishes *optional*
Tung oil can be liberally applied to all outside cedar surfaces of your hive as a natural sealer. The wood will retain a nice shine and resilience. For the best results, we recommend sealing your hive prior to any outdoor exposure. Never seal the interior of the hive.

NOTE: We encourage you to treat the entirety of the outside of your hive with chemical-free tung oil.

ADDITIONAL INFO

Assembly Questions?
Customer service is available daily by email info@beethinking.com or phone (877) 325-2221.

beethinking
BEEKEEPING SIMPLIFIED

TIME

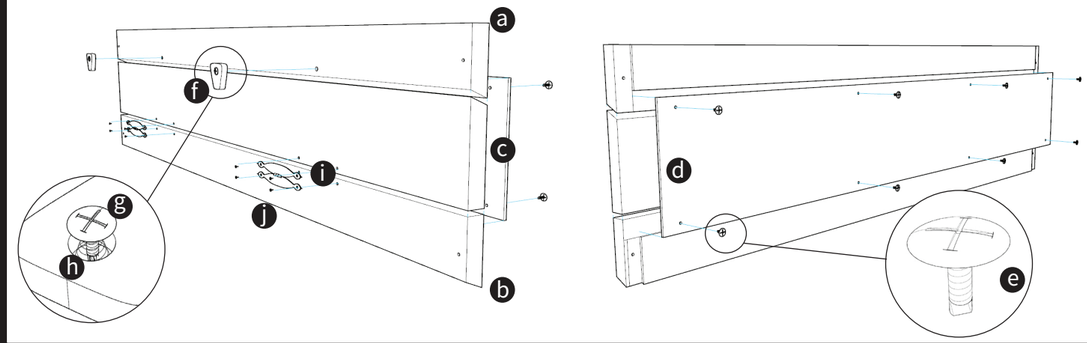
Estimated Hive Assemble Time
30 min – 2 hrs

HIVE WINDOW - STEP 1

PARTS & HARDWARE

- a Window Top Rail
- b Window Bottom Rail
- c Window Cover
- d Plexi Glass
- e Self- Tapping Screws (8)
- f Walnut Latches (2)
- g Spring Insert Screws (2)
- h Springs (2)
- i Hinges (2)
- j Hinge Screws (8)

EXPLODED VIEW



WINDOW ASSEMBLY

1. Lay pieces A and B, the Window Top Rail and Window Bottom Rail, face down, grooved side up. (Note: Both piece A and B has a shelf to hold the plexi glass. To differentiate these pieces, piece A is angled on the shelf edge, while piece B is angled opposite the shelf edge)

2. Lay piece D, the plexi glass, down into the shelf of piece A and B. Line up the edges so it fits without any gaps.

3. Using a drill or a screwdriver, screw the 8 Self- Tapping Screws into the pre-drilled holes in the plexi glass. Tip: Instead of screwing one screw in at a time, place all 8 screws in a pre-drilled hole first, allowing the plexi glass to stay in place. Then screw each in.

4. Once these pieces are assembled, flip the window over and slide piece C, the Window Cover, in place. There should be no gaps between any of these pieces to ensure privacy for the bees.

5. Locate the pre-drilled holes for the hinges on piece B. Line up the Window Cover so that both sets of pre-drilled holes match.

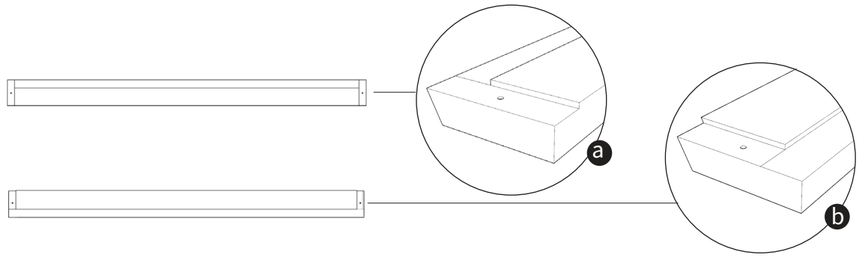
6. Attach the hinges to pieces B and C using a drill or a screwdriver and the 8 Hinge Screws provided.

7. Insert the Springs into the hole on the Walnut Latches, then insert the Spring Inserted Screws into the Springs

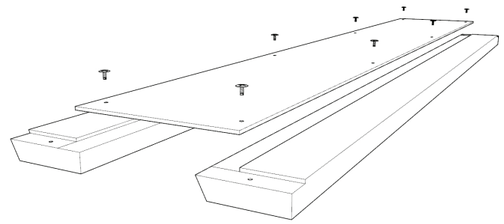
8. Locate the pre-drilled holes for the Walnut Latches on piece A and screw them into place. Note: If these latches are difficult to turn once attached, loosen screws gently by a couple of turns until they move easily.

HIVE WINDOW - STEP 1

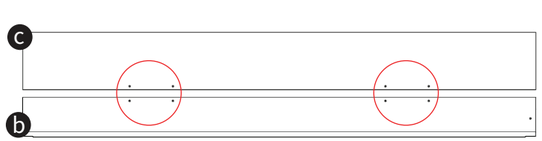
1

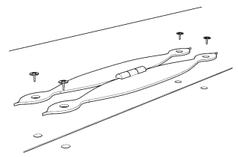


2 – 3

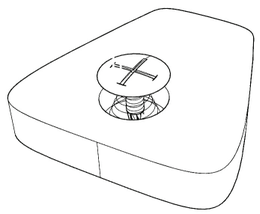


5 – 6

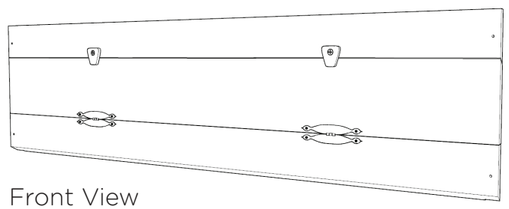




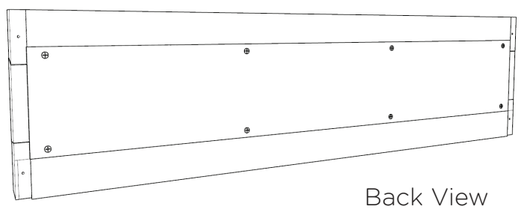
7 – 8



FINISHED PRODUCT



Front View



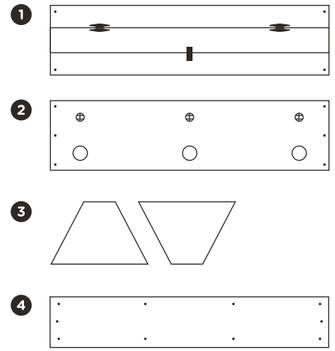
Back View

Great Job! Now you are ready to assemble the rest of your hive!

HIVE BODY - STEP 2

PARTS & HARDWARE

1. 1 Window Board
2. 1 Entrance Board
3. 2 Trapezoidal End Boards
4. 1 Bottom Board
   (can be a screen or solid cedar board)
5. 2 Trapezoidal Divider Boards
6. 28 Top Bars
7. 20 2" Screws
8. 2 ½" Screws
9. 2 3" screws w/ bushing



HIVE BODY ASSEMBLY

B1. Please refere to step 1 for window assembly. Once window is assembled, continue the following instructions.

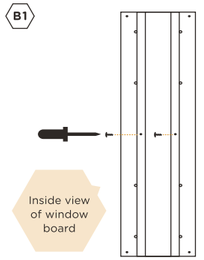
B2. Align 1 trapezoidal end board with 1 side board. Prop up against a supportive structure and hold these pieces firmly in place. (The bias cut edge of the side board should meet the bottom of the hive). Attach side board to end board with screws in the pre-drilled holes. Repeat step 1 on remaining side using the other end piece. Take the other side board and screw into both end pieces, opposite the first side board.

B3. Affix bottom board onto the ends and sides with 10 screws.

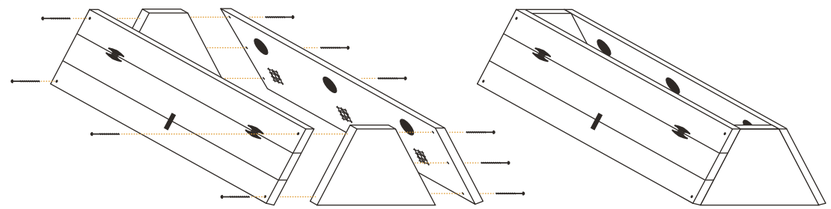
B4. Rotate body and lay flat. Thread white bushings onto 2 3" screws and screw into the pre-drilled holes on the end of side boards. These screws will hold the roof in place.

NOTE: Includes 28 Top Bars. You will want to lay them side by side without any space between them. All the bars racked together, with the divider boards, will leave 2" gap uncovered. This is by design, and will allow you lateral space when separating bars, or spacing bars during honey-ripening season.

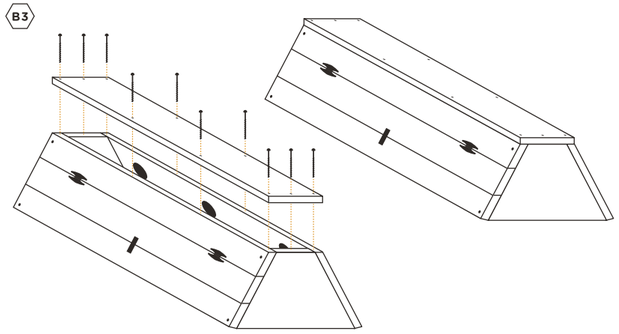
B1



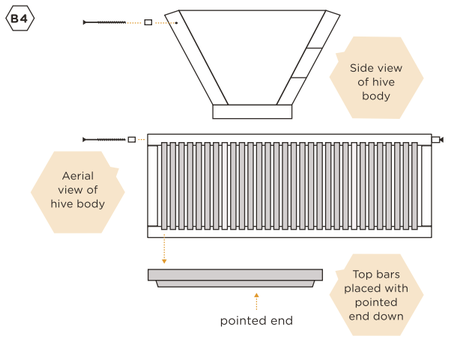
B2



B3



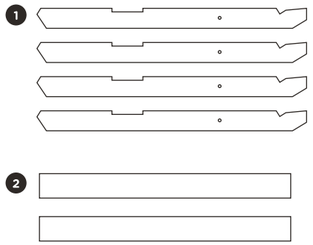
B4

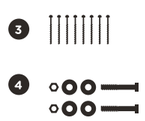


HIVE STAND - STEP 3

PARTS & HARDWARE

1. 4 Legs
2. 2 Brace Boards
3. 8 2" screws
4. 2 Bolt Sets
   (each bolt set includes:
   1 bolt, 2 washers & 1 nut)





HIVE STAND ASSEMBLY

S1. Make an X with 2 leg pieces with notches facing inward.

S2. Thread a bolt with a washer and insert into pre-drilled hole (may need a rubber mallet). Place a washer on opposite side and then loosely attach nut.

S3. Repeat steps 1 & 2 with remaining 2 legs.

S4. Place brace boards in grooves near the bottom of the legs flush to the edges.

S5. Screw boards into place, securing the legs to each other.

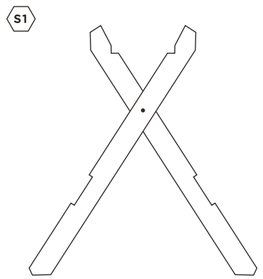
S6. Place the hive body into the stand. It may take a strong push to spread the legs wide enough to accommodate the body. Once installed, tighten the bolts on the stand with wrenches.

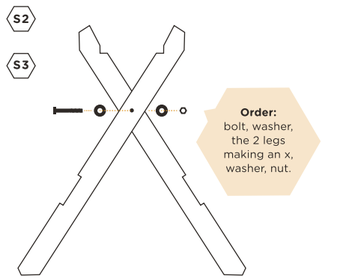
FUN FACTS:
Did you know? All our hives are precision-milled and hand made in Portland Oregon from Sugar Pine and Western Red Cedar.

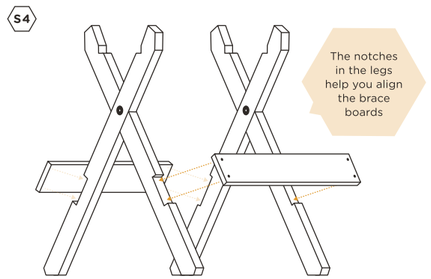
A bee colony can pollinate 300 million flowers in a day.

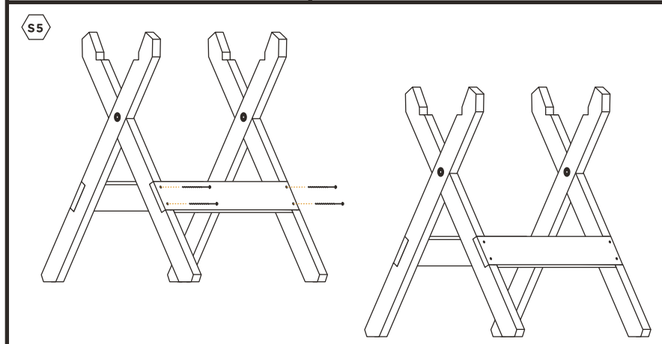
75% of the world's flowering plant species need pollinatiors to servive.

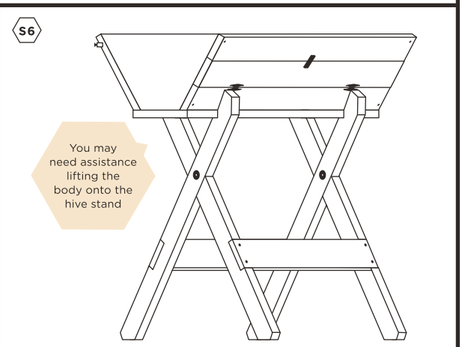
Honey is one of the only foods that never spoils.









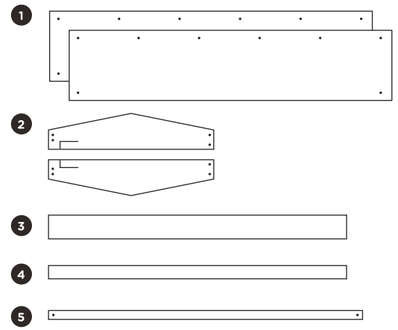


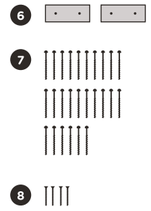
GREAT WORK! YOU ARE ALMOST FINISHED!

HIVE ROOF - STEP 4

PARTS & HARDWARE

1. Roof Panels
   (your panels may be copper, cedar, or pine depending on what you ordered)
2. 2 Gabled Roof Ends
3. 1 Front Frame Rail 3.5" wide
4. 1 Back Frame Rail 2.5" wide
5. 1 Top Ridge Cap
6. 2 Roof Leveling Blocks
7. 26 2" screws
8. 4 1⅝" screws





HIVE ROOF ASSEMBLY

R1. Bring the 3.5" front roof rail flush to one of the gabled ends opposite the L-shaped slot. Attach the other gabled end, ensuring the L-shaped slot is opposite the 3.5" rail. (Make sure the L-shaped slots are facing each other inward, this will rest on the bushings you drilled into the hive body)

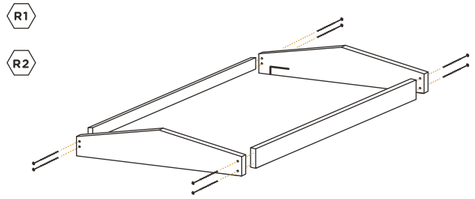
R2. Bring the 2.5" back roof rail flush to the top of the peaked side of the other ends (end with the L-shaped slots). There should be an approximately 1" gap toward the bottom of the roof frame.

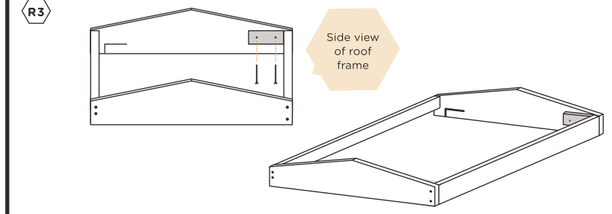
R3. Install one roof leveling block onto each gabled end, opposite the L-shaped slot, inside the roof with 1⅝" screws. These will ensure the roof sits level when it's attached to the hive body.

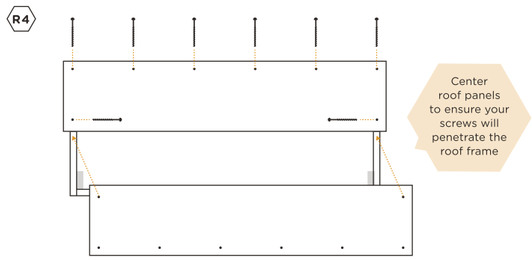
R4. (If you have ordered our new precision-milled wood shingles, please refer to the next page for instructions.) Center the roof panels on each side of the peaked side of the frame. Install using pre-drilled holes.

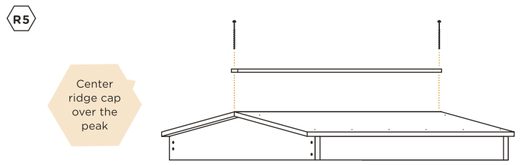
R5. Install the ridge cap over the peak where the two roof panels meet.

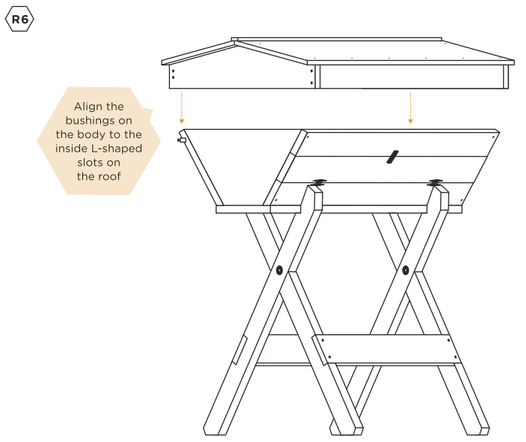
R6. Now that the hive roof is assembled, slide the L-shaped slots over the bushings and push down until the roof is fully attached.





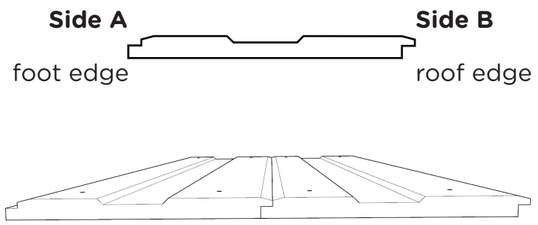




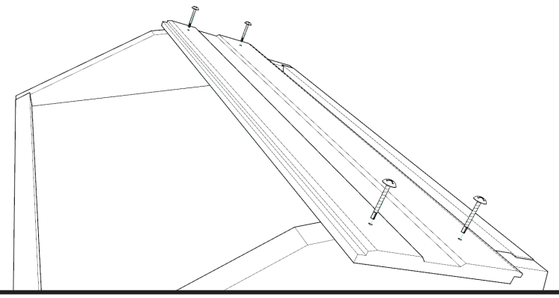


NEW SHINGLE ASSEMBLY

R4. Use diagram below to differentiate the two sides on each shingle. (Side A has a foot edge and side B has a roof edge.) To ensure that all pieces fit together, attach the ridge cap after the shingles are attached to the roof.



R5. Attach the top shingles (which make the peak and rest under the ridge cap) first. Line up one shingle with the flat edge on top the peaked roof end. Once this is lined up, attach one shingle at a time with the pre-drilled holes.



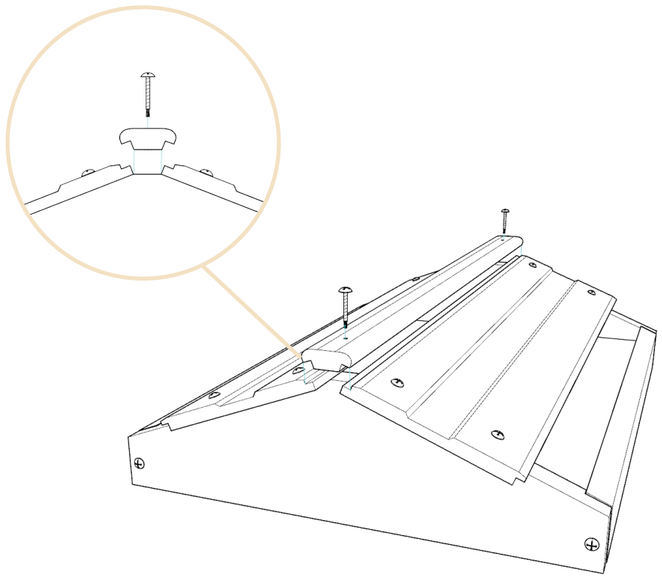
The ridge cap will not fit if the shingles are not oriented correctly

R6. Fit the ridge cap on the flat surfaces of the peaked roof ends. The ridge cap fits neatly in between the top shingles. If there are gaps, realign the shingles to minimize.

R7. To attach the bottom / lower shingles, slide side A under the roof side of the attached shingles. With a screwdriver or a hand drill, use the pre-drilled holes to attach the last two shingles.

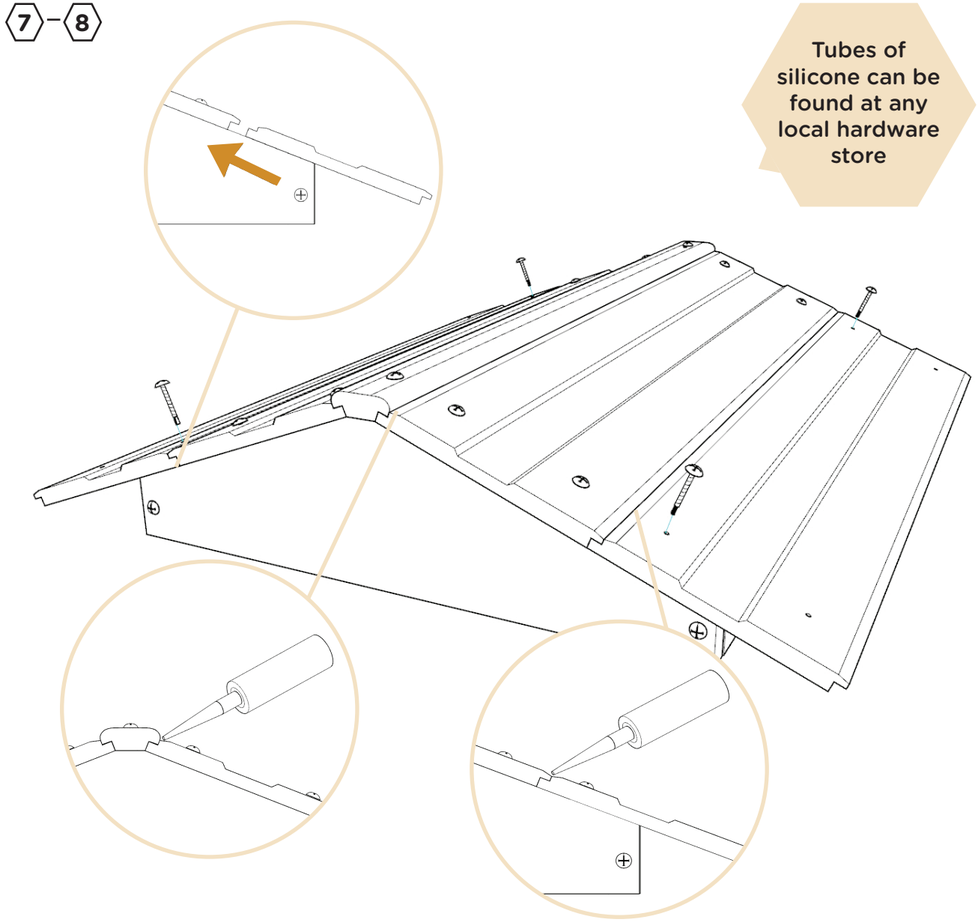
Note: The bottom shingles will have two extra holes, therefore, only two screws are needed.

R8. We always recommend sealing the point of connection between two pieces of wood with silicone or caulk. This ensures a water-tight seal and additional insulation for bees.

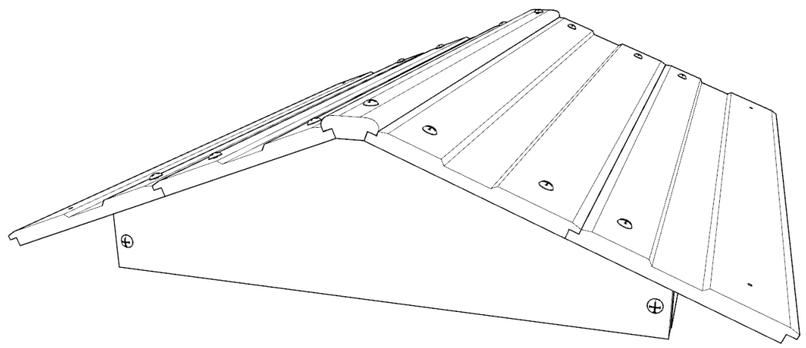


7 – 8

Tubes of silicone can be found at any local hardware store



FINISHED PRODUCT



YOU'RE DONE, GREAT WORK!