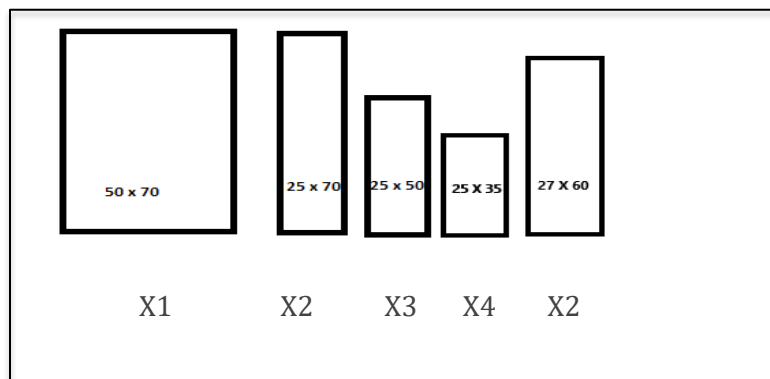


How to build an insect hotel

MATERIALS

Frame and Structure

- A 70x50 cm marine plywood back panel
- Two 70x25 cm marine plywood for the vertical boards frame
- Three 50x25 cm marine plywood for the horizontal boards frame
- Four 35x25 cm marine plywood for the inner boards frame
- Two 60x27 cm marine plywood for the roof
- Small screws and nails
- Natural wood preservative



Base Materials

- Metal pipes (length 150 cm)

Filling Materials

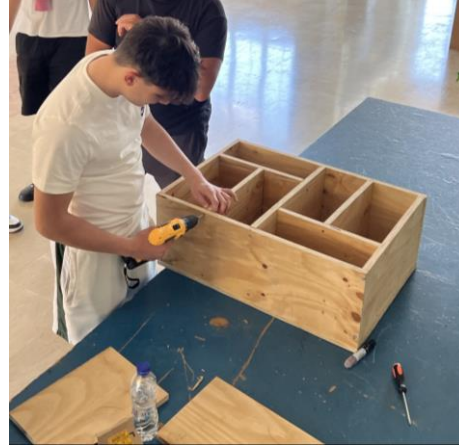
- Hardwood blocks with drilled holes
- Pine cones
- Dead wood and bark
- Straw or dried grass
- Corrugated cardboard
- Clay or mud blocks with pre-made holes



BUILD INSTRUCTIONS

Frame and Structure

- Attach the side panels to the back, starting with the horizontal ones; screw in the middle one first, then the outer ones.
- Screw in the vertical side panels.
- Place the internal partitions as shown in the image.
- Finally, attach the two plywood pieces for the roof.



Wood Protection

- Apply a water-based wood varnish to all surfaces.
- Leave it for a few days in an outdoor or well-ventilated area to allow any odors from the wood and varnish to dissipate.



Base:

- Paint with a color suitable for outdoor use

INSTALLATION

Choose the location where the insect hotel will be placed. Select an area that provides shelter from wind and rain, as bees prefer warm, sunny spots. Position the insect hotel 1–1.5 meters above ground level to protect it from moisture. Secure the structure firmly to prevent it from falling.

- Dig the ground
- Place the base of the insect hotel into the hole
- Fill with cement
- Level and press the soil around the base



Filling the hotel

Fill the caps partitions with the filling materials. Each has the potential to become a home for native pollinators.

- Hollow reeds and bamboo are useful materials to arrange in a bundle.
- Cut the hardwood blocks and drill different size of holes.
- Pine cones, dead wood and bark, straw or dried grass can be placed in separated places.
- Fold the corrugated cardboard and place it in the hotel.
- Make sure that clay or mud blocks have holes before you use the to fill the hotel.

USEFUL TIPS

To enhance the success of your insect hotel, you can make the surrounding area more attractive to insects by planting a variety of species, especially flowering plants. Create an environment rich in biodiversity.

