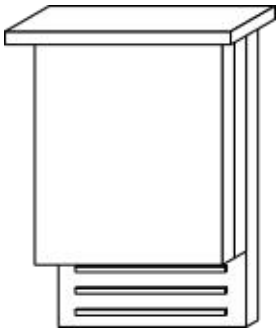
Bat nesting box

Version 0.1



Blueprints for various species

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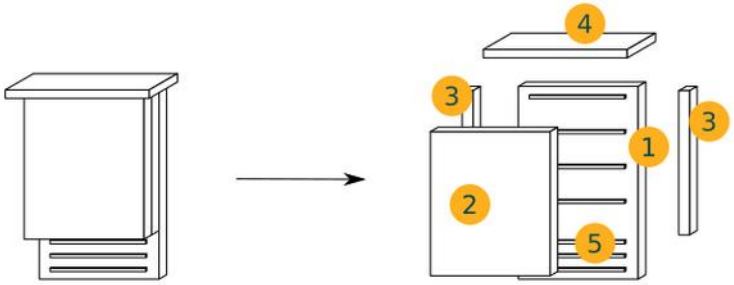
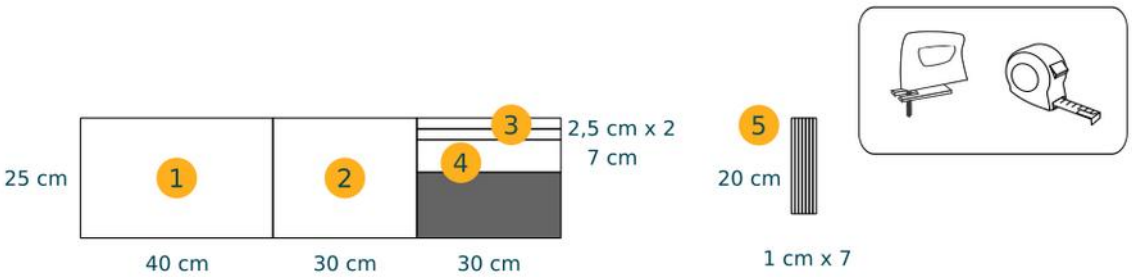
www.graineahumus.org

Summary

Cutting



Exploded view of the nest box.



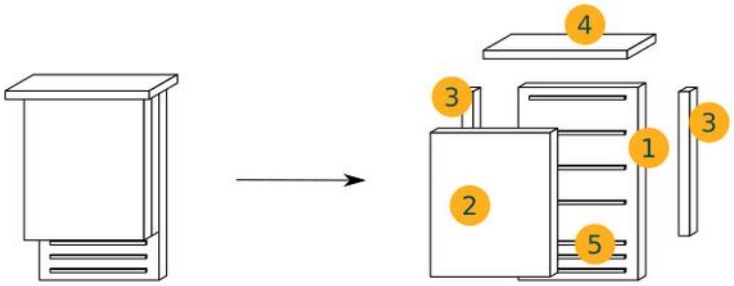
The thickness of the boards making up the box (1, 2, 3 and 4) is 2.5 cm.

The 7 rods used by the bats to hang on to are 0.5 cm thick. They can be replaced by deep grooves of 3 to 5 millimeters deep on board 1. In both cases, this is used by the bats to hold onto.

Do not sand the boards, in order to keep a surface where bats can easily cling.

Sizes

Here is a summary table of sizes.

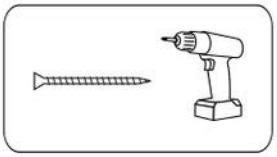


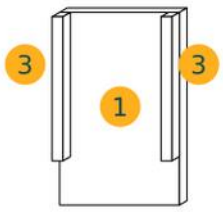
	Dimensions (in cm)
1-Back	40 (height) 25 (width) 2.5 (thickness)
2-Front	30 (height) 25 (width) 2.5 (thickness)
3-Sides	2.5 (depth) 30 (height) 2.5 (thickness)
4-Roof	7 (depth) 30 (width) 2.5 (thickness)
5-Chopsticks (or make grooves)	20 (width) 1 (height) 0.3 to 0.5 (thickness)

Assembly

1

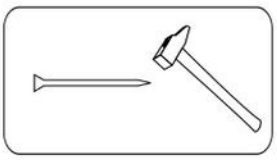
Screws 40 mm





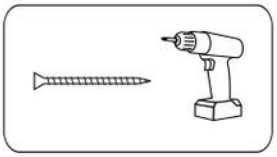
2

Nails 15 mm

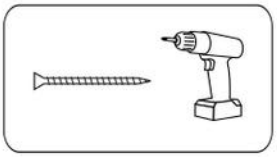


3

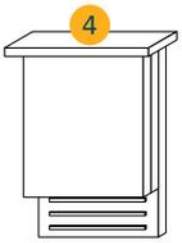
Screws 40 mm



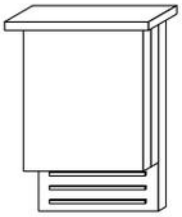
Screws 40 mm



4



5



Material summary

Wood

The wood is a class 3 untreated wood made to be outdoors.

Fasteners

40 mm wood screws: about 20.

To avoid splitting, there are anti-splitting screws (or it is better to drill before screwing)

15mm nails: about 30.

Material

- Tape measure
- Jigsaw
- Screwdriver drill
- Hammer

Details

Find details on https://habitat.seedtohumus.org/ concerning the heights, orientations, advice to avoid damaging the tree, maintenance...

Questions ?

If you have any questions, go to https://habitat.seedtohumus.org/ and ask them in the article dedicated to the subject.

Resources

The blueprints numbers are inspired by the LPO Auvergne-Rhône-Alpes association.