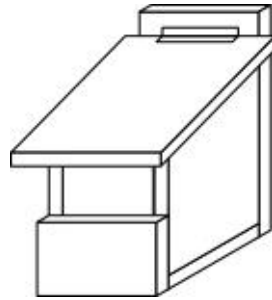


Semi-open birdhouse

Version 0.1



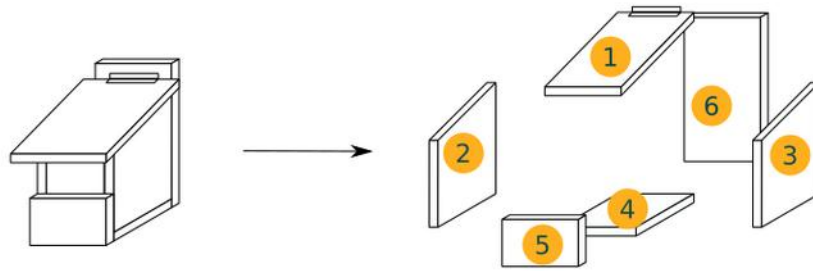
Blueprints for various species



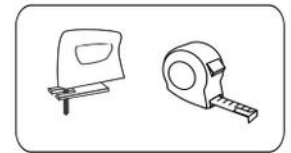
Sommaire

Cutting.....	1
Sizes.....	2
Type 1.....	2
Type 2.....	3
Assembly.....	4
Material summary.....	6
Wood.....	6
Hinge.....	6
Clasp.....	6
Fasteners.....	6
Ion wire.....	6
Material.....	6
Details.....	7
Questions ?.....	7
Resources.....	7

Cutting



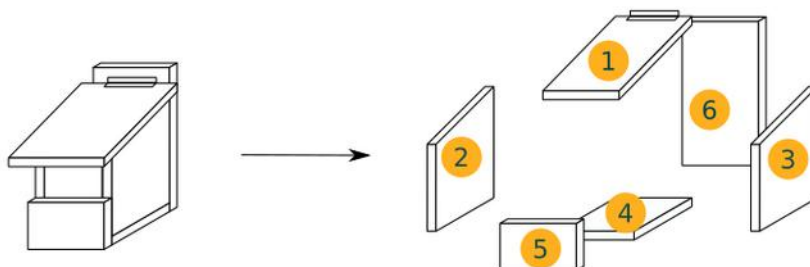
Exploded view of the birdhouse.



To save wood, these blueprints can be made with a single board.

Sizes

Piece size varies by species. Here is a summary table of sizes.

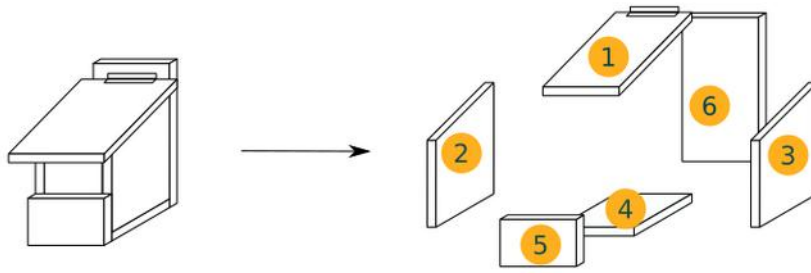


Type 1

For black redstart, european robin, white wagtail or spotted flycatcher

	Dimensions (in cm)
1-Removable roof	21 + e (depth) 18 + 2 e (width)
2 et 3-Sides	14 (width) 19 + e (front side) 22 + e (back side)
4-Bottom	14 (depth) 14 + 2 e (width)
5-Front	10 + e (height) 14 + 2 e (width)
6-Back	35 (height) 14 + 2 e (width)

e is the thickness. If the board is 1.8 cm thick, then $2 e = 1.8 \times 2 = 3.6$ cm.



Type 2

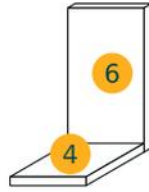
For common kestrel

	Dimensions (in cm)
1-Removable roof	60 + e (depth) 30 (width)
2 et 3-Sides	50 (depth) 30 (width) No slope in this case.
4-Bottom	50 (depth) 30 (width)
5-Front	10 + e (height) 30 (width)
6-Back	30 + 2 e (height) 30 (width)

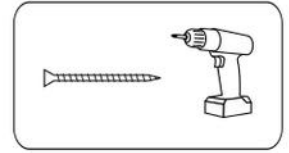
e is the thickness. If the board is 1.8 cm thick, then $2 e = 1.8 \times 2 = 3.6$ cm.

Assembly

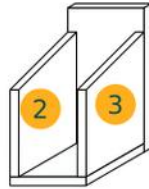
1



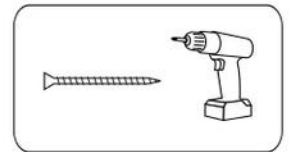
Screws 40 mm



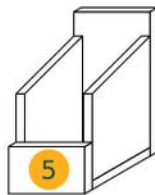
2



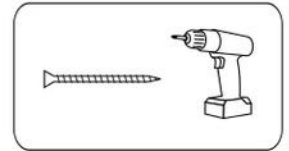
Screws 40 mm



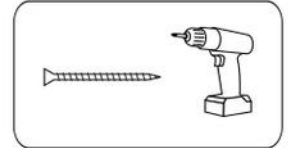
3



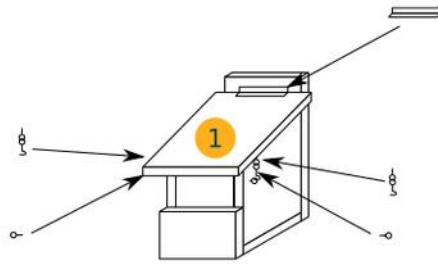
Screws 40 mm



Screws 15 mm

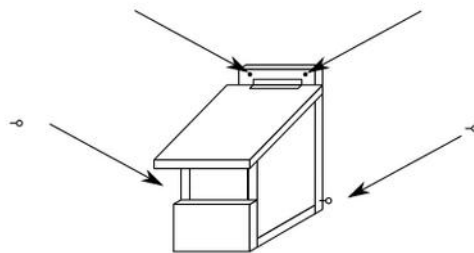


4



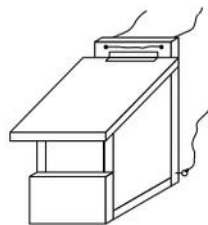
We center the roof with 2 cm overhang on each side. There is no overhang for the type 2. A hinge is installed on the roof and a clasp system for easy access for maintenance.

5



We pierce the bottom board and place pitons. This allows the wire to pass through.

6



Material summary

Wood

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

Hinge

1 hinge for the roof.

Clasp

2 clasp systems on the sides of the roof. This allows easy opening for maintenance.

Fasteners

Wood screws : 40 and 15 mm.

40 mm: about 20.

15 mm: about 6.

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

Ion wire

1 to 2 m to hang the birdhouse.

Material

- Tape measure
- Jigsaw
- Drill / screwdriver

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

Blueprints number 1 is inspired by the association « LPO Aveyron » (France).

Blueprints number 2 is inspired by the association « Faucons de Théding » (France).