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## How a bat box should be? General guidelines

There are many types of bat boxes, each one of them especially designed for a certain species. In this document we present a list of GENERAL GUIDELINES applicable to the construction of most bat box models:


1. Landing area: minimum 10 cm of height
2. Entrance width: $15-20 \mathrm{~mm}$
3. Internal bat box surface very wrinkled: covered with plastic mesh, coarsed wood or horizontal wood strips.
4. Not treated wood with varnish (if needed, you can use natural wax or linseed oil)
5. Wood thickness: minimum 15 mm
6. Water and windproof (woods must be properly sealed)
7. It is desirable using screws rather than nails to join the woods.
8. Types of bat boxes:

Wood flat bat box Wood cavity bat box

Cylindrical bat box (forest bat species)


## version 02

## How to build a bat box?

- Double chamber wooden bat box

2 cm thick wood $E(\times 2) 40 \times 2 \mathrm{~cm}$

| A $50 \times 30 \mathrm{~cm}$ | B $40 \times 30 \mathrm{~cm}$ | C $30 \times 30 \mathrm{~cm}$ | D $35 \times 15 \mathrm{~cm}$ |
| :---: | :---: | :---: | :---: |
|  |  |  | F (x2) $30 \times 2 \mathrm{~cm}$ |




- Wood cavitity bat box

2 cm thick wood

| A1 |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $20 \times 15 \mathrm{~cm}$ | A2 <br> $22 \times 15 \mathrm{~cm}$ | A3 <br> $20 \times 15 \mathrm{~cm}$ | B <br> $15,5 \times 15$ <br> cm | C <br> $17 \times 15 \mathrm{~cm}$ | D <br> $36 \times 15 \mathrm{~cm}$ |



