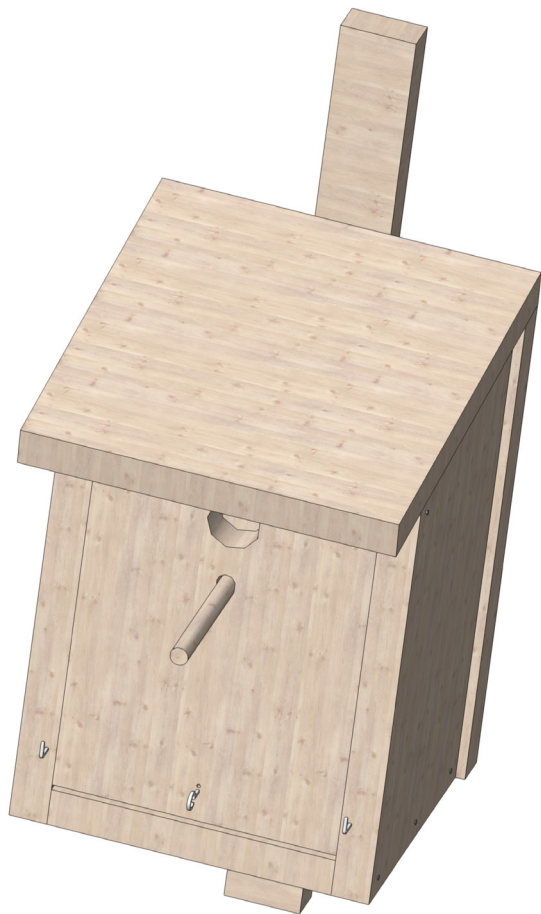
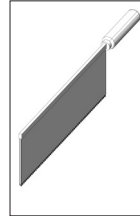


115.327

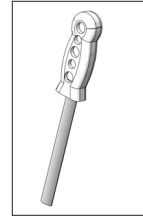
Nesting Box



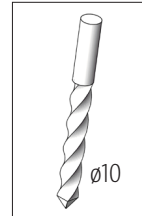
Tools required:



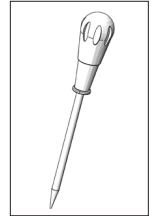
Scroll saw or
razor saw



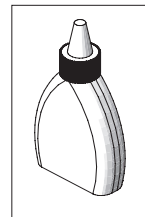
Wood rasp



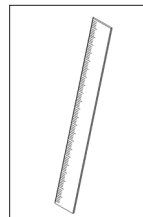
Drill



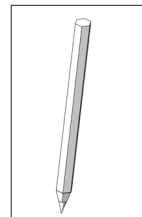
Pricker



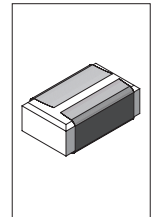
Wood glue (wa-
ter resistant)



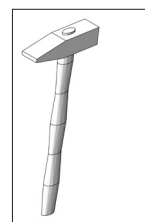
Ruler



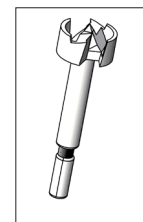
Pencil



Sandpaper



Hammer



Forstnerbohrer

Content	Quantity	Dimensions (mm)	Designation	Part no.
Wooden board	1	500x200x20	Back wall and roof	1
Wooden board	1	500x150x20	Side panels	2
Wooden board	1	150x150x20	Base board	3
Wooden strip	1	500x40x20	Mounting strip	4
Wooden board	1	210x150x20	Door	5
Round bar	1	100x10	Perch	6
Eye bolt	1	20	Opening handle	7
Schraubhaken	2	25	Door latch	8
Nagel	30	40x2	Nail	9

Please Note

The OPITEC range of projects is not intended as play toys for young children. They are teaching aids for young people learning the skills of Craft, Design and Technology. These projects should only be undertaken and operated with the guidance of a fully qualified adult. The finished projects are not suitable to give to children under 3 years old. Some parts can be swallowed. Danger of suffocation!

Instructions 115.327

Nesting Box

Information on species-appropriate nesting aid:

The supplied rough wood must not be sanded smooth and needs to stay rough. This is important for the fledged young birds to be able to leave the nesting box. If the wood is smooth, they have nowhere to hold on to! For any possible waterproofing you should of course only use wood protection that is non-toxic and odourless.

Size of entrance holes:

The diameter of the entrance hole determines which birds can use the box. A well-dimensioned entrance hole protects the inhabitants from predators and the weather.

Birds and matching entrance hole size:

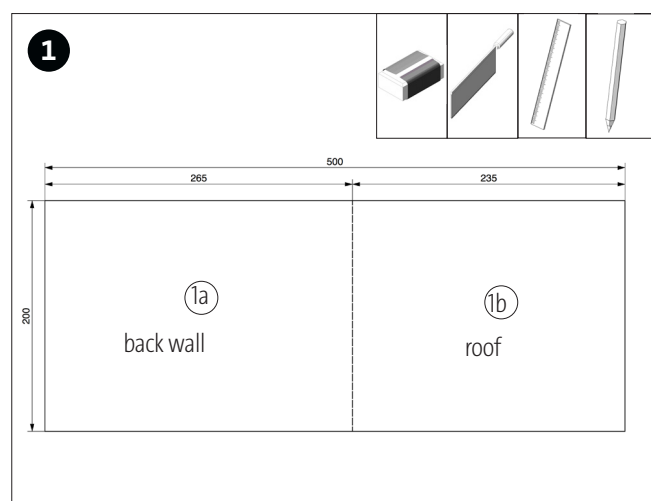
birds	height	entrance hole	brut period	Nesting Place
Blue Tit	at least 1,5-3,5m	ø 26-28mm	April	mixed forests, gardens
Great Tit	at least 1,5-3,5 m	ø 32-34mm	March/April	mixed & coniferous forests
Crested Tit	at least 1,5-3,5 m	ø 26-28mm	April	coniferous forests
Marsh Tit	at least 1,5-3,5 m	ø 26-28mm	April/May	mixed forests, gardens
Coal Tit	at least 1,5-3,5 m	ø 26-28mm	March/April	mixed forests, gardens
Flycatcher	at least 1,5-3,5 m	ø 32-34mm	May	forests, gardens, parks
Common Redstart	at least 1,5-3,5 m	ø 47 mm	May	edge of the woods,mixed
Nuthatch	at least 1,5-3,5 m	ø 32-47 mm	April	mixed forests, gardens
House Sparrow	at least 1,5-3,5 m	ø 32-34 mm	April	villages
Tree Sparrow	at least 1,5-3,5 m	ø 32-34 mm	April	villages, hedges, shrubs

Positioning of the nesting box:

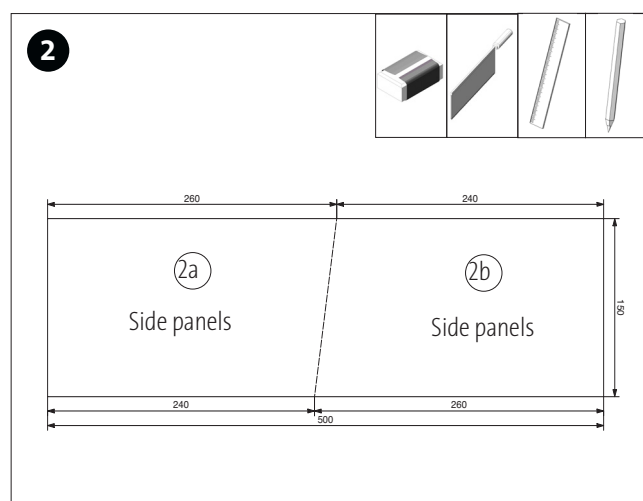
It is important to make sure that the boxes are attached high enough to protect from predators. The entrance hole should be on the side pointing away from the main weather direction and should be protected from direct sunlight. Nest boxes should be placed in autumn, because some types of bird like to use them as sleeping places in winter.

Cleaning:

Nesting boxes need to be cleaned annually. This should be done in months when birds are not breeding. Only clean the nesting box with a brush and hot water. Do not use cleaning products.

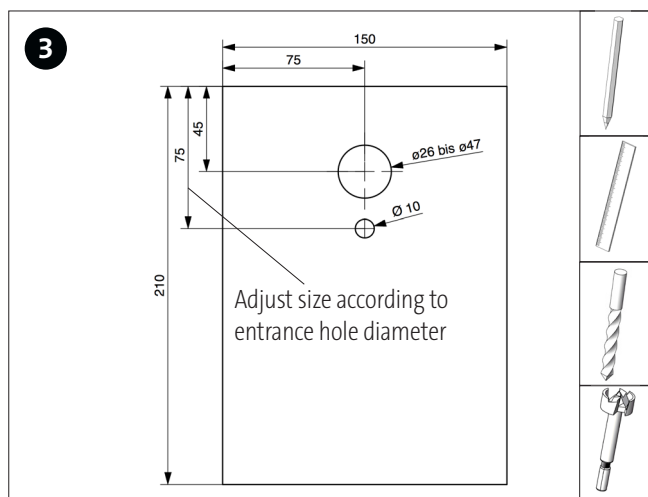


Measure 265mm on the wooden board (1) and mark. Cut out with the scroll or razor saw. Clean up sawn edges with sandpaper.

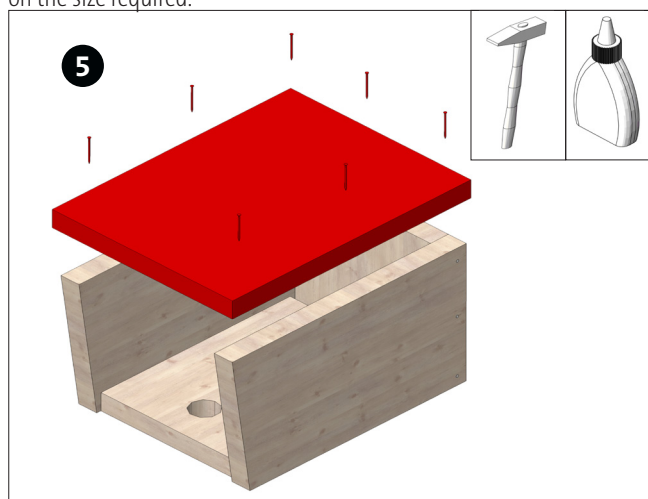


Measure 260mm diagonally offset on the wooden board (2) as shown and mark on both sides. Draw a line to connect both marked points. Then saw along the line with the scroll or razor saw. Clean up sawn edges with sandpaper.

Instructions 115.327
Nesting Box

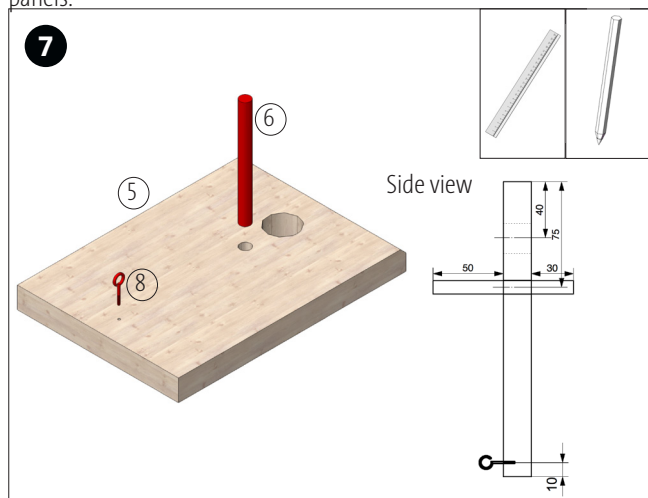


Measure and mark the drill holes with a pricker on the wooden board (5). Drill the holes for the perch $\varnothing 10\text{mm}$ with a suitable drill. Drill the hole for the entrance hole with a suitable Forstner bit depending on the size required.

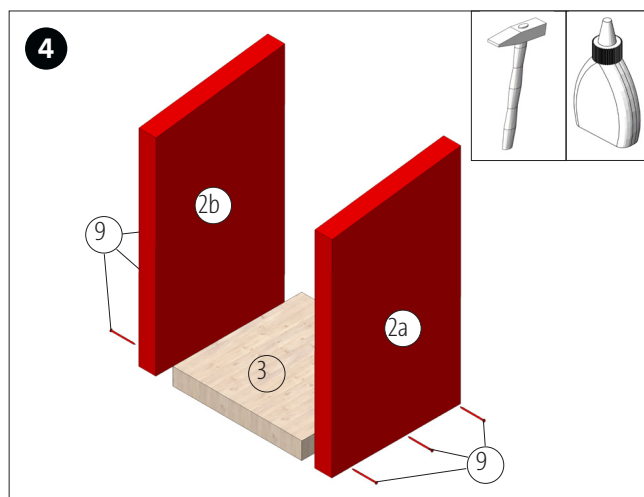


Now glue the back wall on with wood glue as shown in the drawing and attach with seven nails.

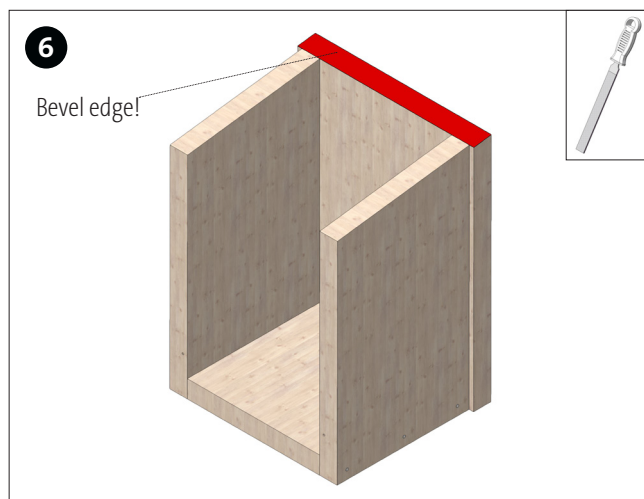
Note: place the board for the door (5) as spacer between the side panels.



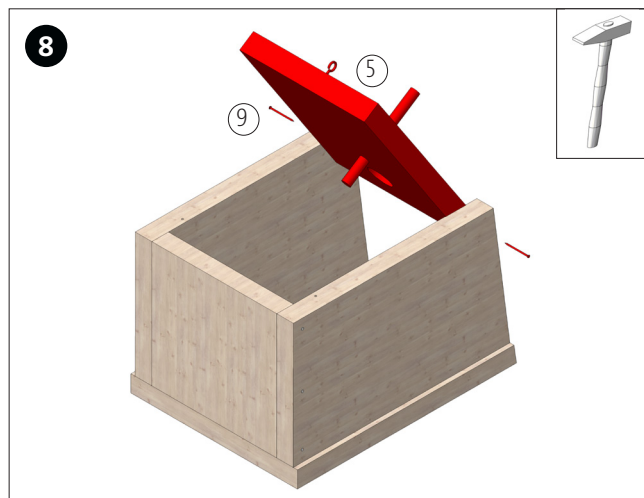
Measure approx. 10mm from the bottom edge of the door and screw the eye bolt (7) in centrally. Glue the round bar (6) into the $\varnothing 10\text{mm}$ drill hole as shown. Let the glue dry thoroughly.



Glue both side panels (2a+2b) to the base board (3) and attach from both sides with three nails each. Let the glue dry thoroughly.

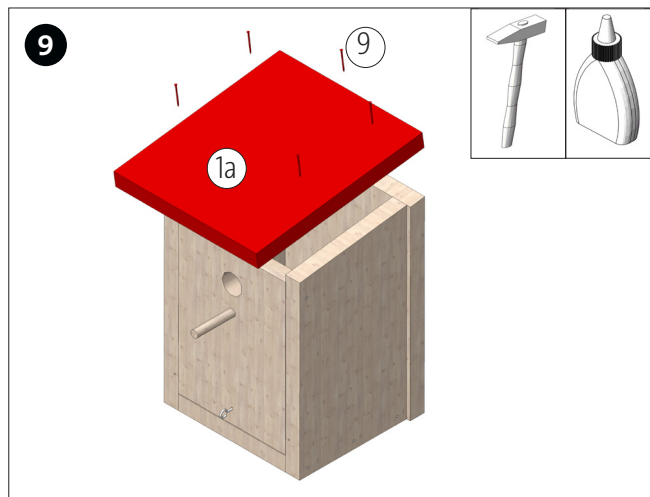


Use a wood rasp or a belt sander to bevel the top edge of the back panel to match the slope of the side panels. (see drawing!)

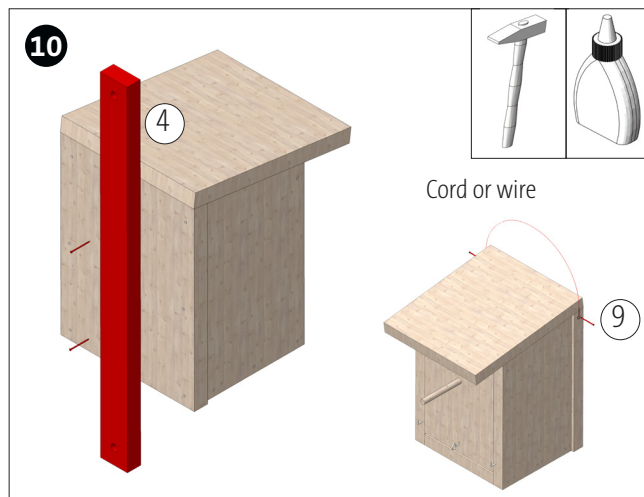


Add the door (5) as shown and fasten on either side with a nail (9). Do not glue in!

Instructions 115.327
Nesting Box



Put the roof (1a) in place and attach with wood glue and approx. five to seven nails. See illustration!



Attach the wooden strip (4) with glue and at least two nails (9) to the back panel of the nesting box. This strip is for attaching the nesting box to a wall, a tree etc. You can add holes for screws or to attach a wire or cord. You could also add a nail (9) at the same height on each side and attach a cord or wire to hang the box up on a branch.