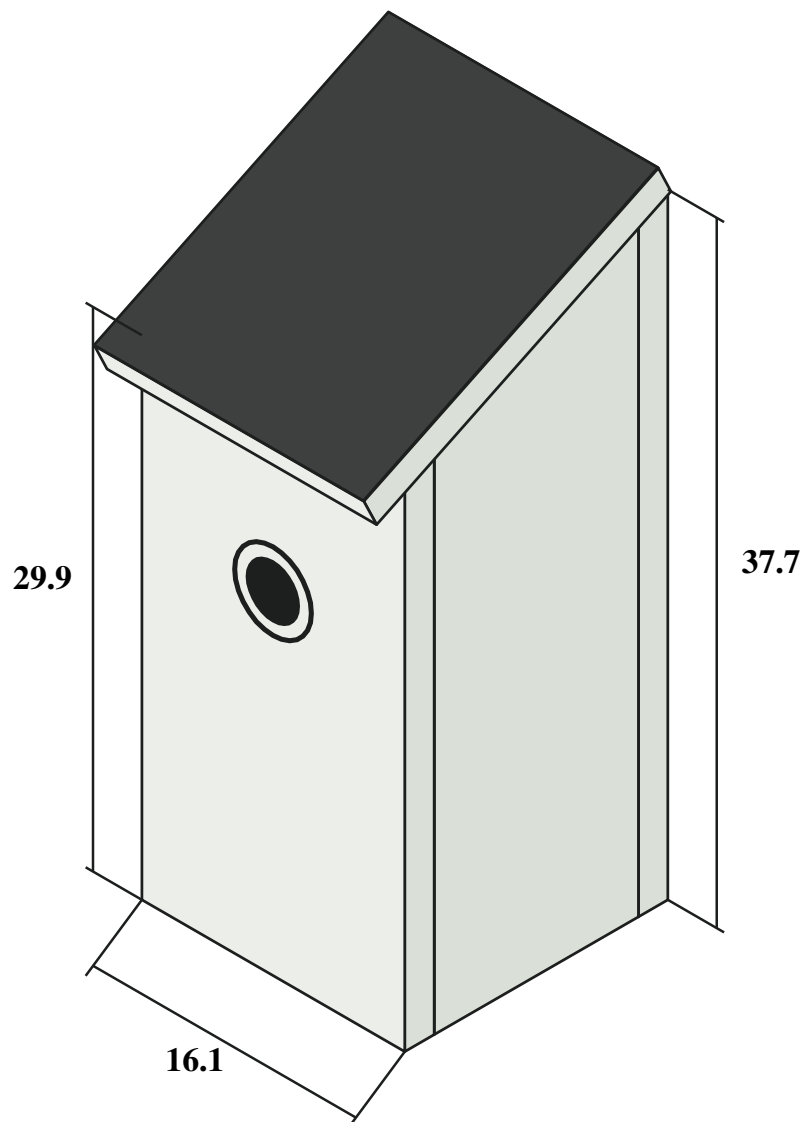


Camera Nest Box

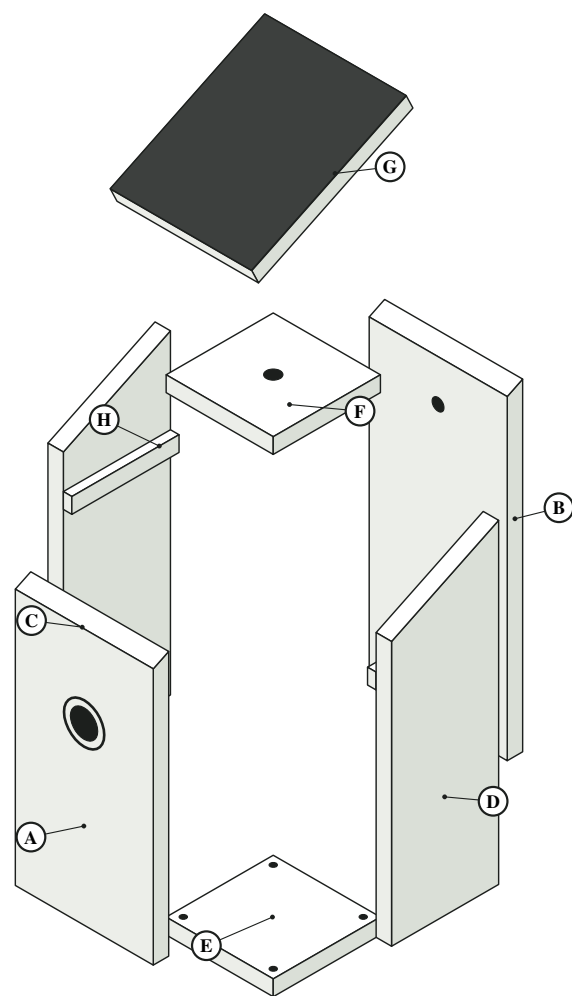
A nest box for tits and other cavity nesters with a separate camera compartment under the roof. Built from one 18 mm board: inside 12.5 × 12.5 cm, entrance Ø 32 mm, 37.7 cm tall. Untreated inside, linseed oil outside.

Wood: larch, oak, robinia, cedar or cypress. Tools: saw (bevel cut 26°), drill, Ø 32 mm Forstner bit or hole saw, Ø 6 mm drill bit, screwdriver, pencil, ruler.



Parts

All sizes in cm · thickness 1.8



Part	Name	Qty	Size (w × h)
A	Front, top edge bevelled 26°	1	16.1 × 30.8
B	Back, top edge bevelled 26°	1	16.1 × 37.7
C	Side left	1	12.5 deep · 36.8 back / 30.8 front
D	Side right	1	same as C
E	Floor	1	12.5 × 12.5
F	Camera floor	1	12.5 × 12.5
G	Roof, plus roofing felt	1	16.5 × 20
H	Cleat	2	1.0 × 1.8 × 12.5

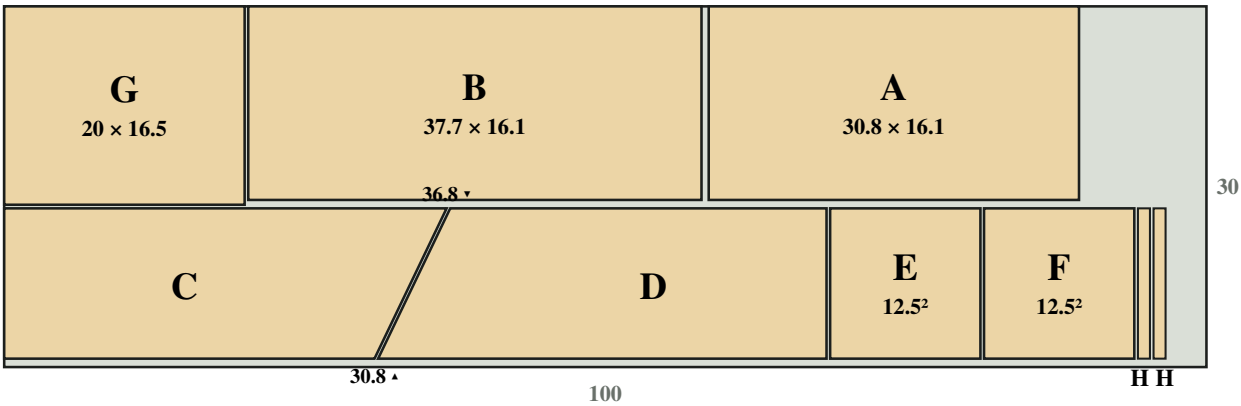
Hardware

Stainless steel outdoors

Qty	Item
20	Wood screw 4 × 40
4	Wood screw 3 × 20
1	Entrance guard ring, Ø 32 mm inside
1	Roofing felt, about 20 × 24 cm, plus 8 staples
1	Raw linseed oil, outside only

Cutting plan

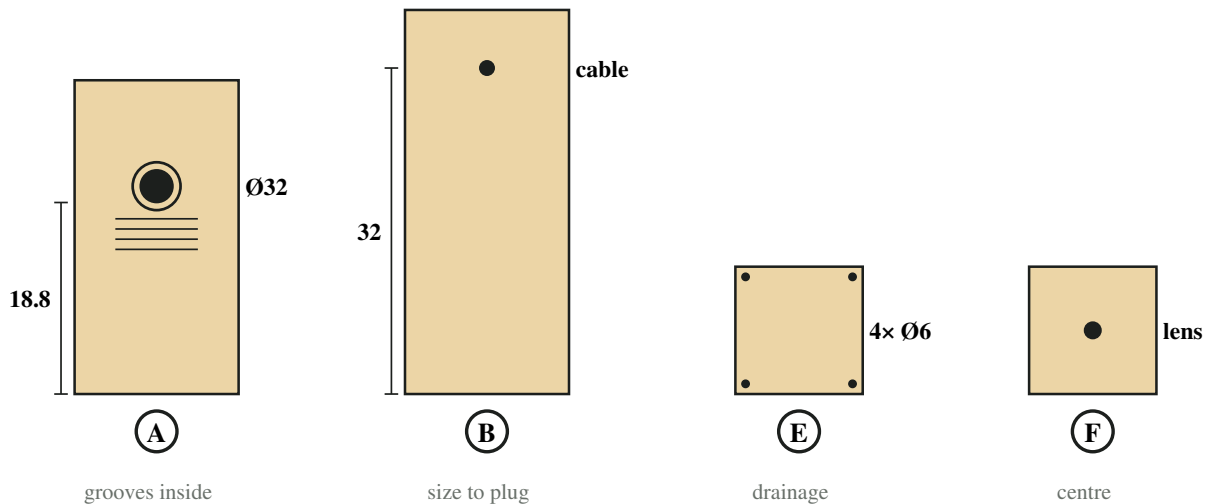
One board 1.8 × 30 × 100 cm · 3 mm saw blade



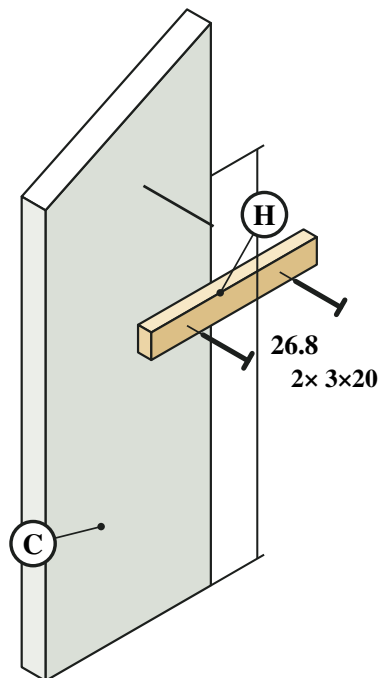
1. Rip the board into a 16.5 cm strip and a 12.5 cm strip.
2. Cut G, B and A from the wide strip, then trim A and B to 16.1 cm wide.
3. For C and D: on the 68.4 cm piece, mark 36.8 on one long edge and 30.8 on the other, both from the same end. Saw along the diagonal.
4. Lay the two sides on top of each other and trim the longer one at its square end.
5. Rip the two cleats H from the offcut.

Assembly 1–2

1 Drill. Entrance hole in A (bottom 17 cm above the floor surface), cable hole in B, drainage in E, lens hole in F. Saw 3–4 grooves inside A below the hole.

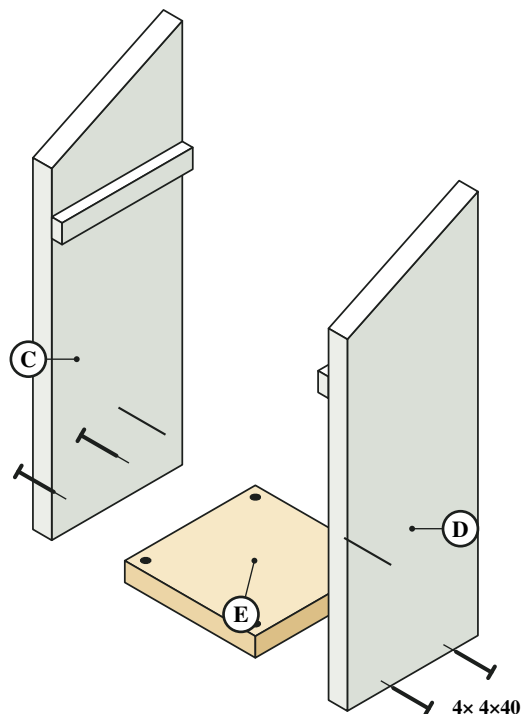


2 Screw one cleat H to the inside of each side wall, top edge 26.8 cm above the bottom edge. D is the mirror image of C.

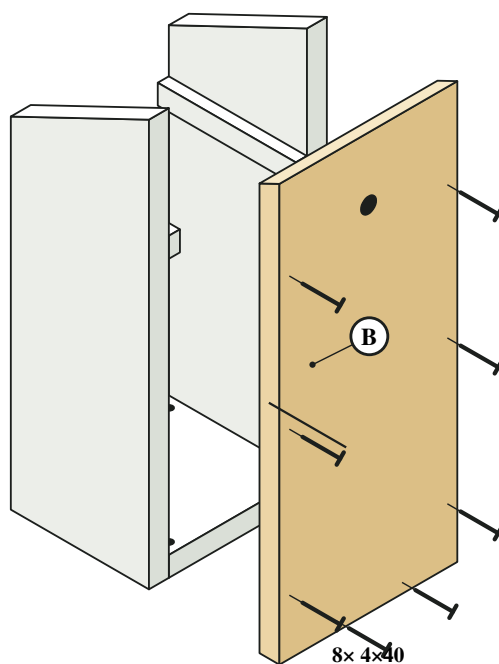


Assembly 3–4

- 3** Put the floor E between C and D, flush with the bottom edges. Two screws per side, pre-drill Ø 3 mm.

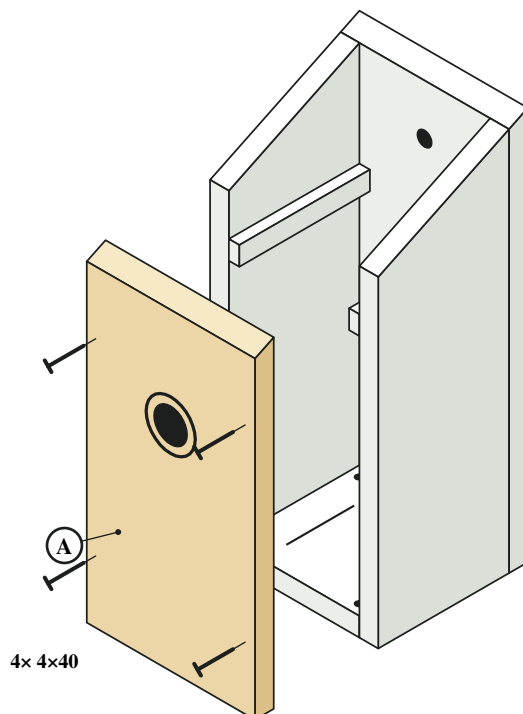


- 4** Screw the back B on from behind: three screws into each side wall, two into the floor.

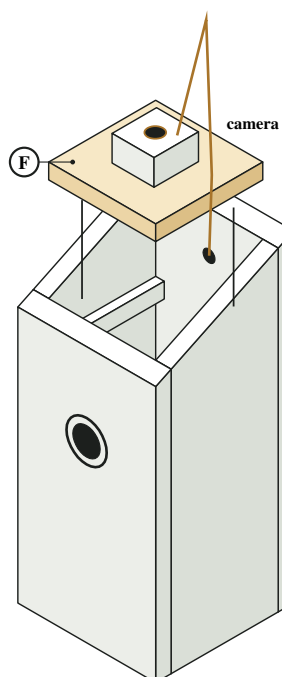


Assembly 5–6

5 Screw on the front A, two screws per side, no glue. Mount the guard ring over the hole.

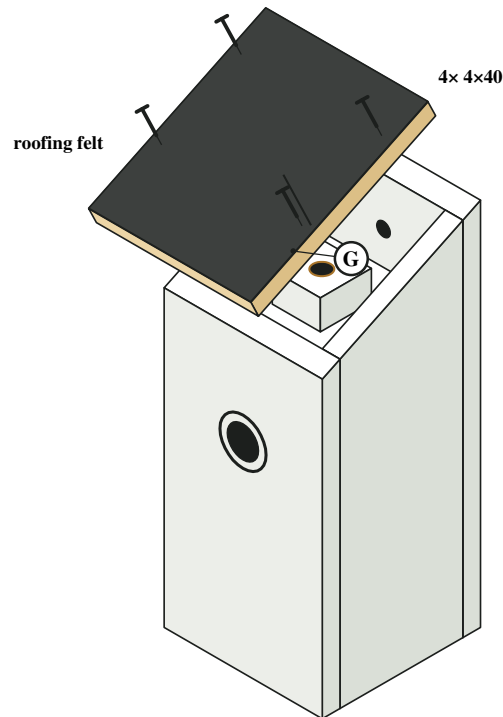


6 Fix the camera to F above the lens hole, lay F on the cleats, run the cable out through B. Leave slack, seal the hole.

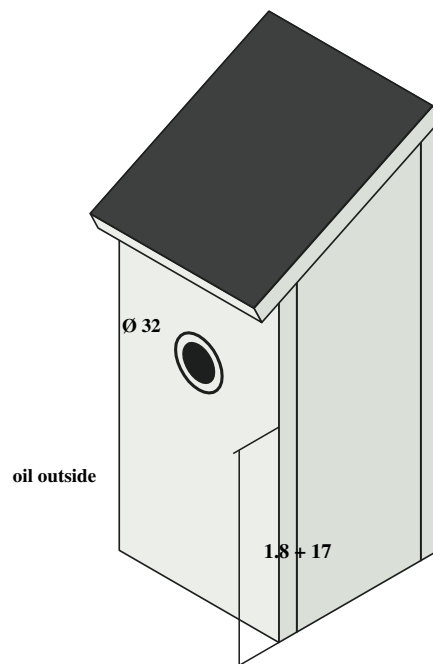


Assembly 7–8

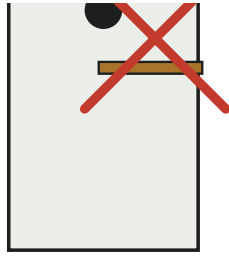
7 Staple the roofing felt onto G, fold it over the edges. Put G on flush with the back and screw it into C and D.



8 Oil the outside, leave the inside untreated. Hang 2–3 m high, entrance facing east or south-east. Clean every autumn.



Do · Don't



- **No perch.** A perch under the entrance helps cats, martens and magpies more than the birds.
- **No oil, paint or glue inside.** Fumes and residue harm the brood.
- **Hole size.** Ø 32 mm suits great tits, nuthatches and sparrows. Use Ø 26–28 mm if you only want blue tits.
- **Weather.** Hang it out of the main wind and rain direction, tilted slightly forward rather than back.
- **Cleaning.** Once a year in autumn: unscrew G, lift out F, empty the old nest.