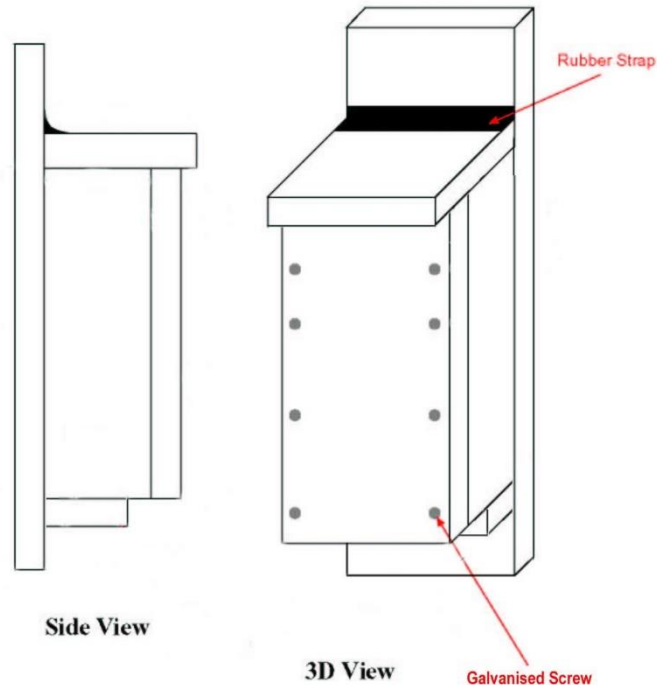


Microbat Nestbox



Materials required per Nestbox

- Rough sawn seasoned Hardwood (25 mm thick, cut into the following)

Dimensions	Approx Length	Cut into pieces
25 x 150mm	950mm	425mm (back), 270mm (front), 150mm (top), 70mm (base)
25 x 100mm	550mm	2 pieces each 270mm (sides)

- Galvanised countersunk screws; 8 gauge x 25mm – approx 10
- Galvanised countersunk screws; 8 gauge x 50 mm – approx 25
- Galvanised metal strap 150mm x 20-25mm
- Rubber strap “3mm Strip Insertion” 75 x 150mm
- Electric or cordless drill with 4.36mm drill bit and Phillips head driver

Instructions

- Cut timber to lengths specified above.
- Pre drill holes in base, front pieces, back and sides.
- Use long screws to assemble box as shown in diagram above.
- Attach rubber strap to a 150mm edge of top using 3 or 4 short screws.
- Use short screws to attach rubber strap/top to back so that lid fits closely on top of box.
- Use short screws to attach the galvanised metal strap to the back of the box so that half its length protrudes below the box.
- Drill a hole in the centre of the metal plate and the backboard for attachment to tree.

Building a set of 20 Microbat Nestboxes

Materials required per Nestbox

- Rough-sawn seasoned Hardwood

Dimensions	Approx Length	Cut into pieces
25 x 150mm	950mm	425mm (back), 270mm (front), 135mm (top), 70mm (base)
25 x 100mm	550mm	2 pieces each 270mm (sides)

- Galvanised countersunk screws; 8 gauge x 25mm – approx 10
- Galvanised countersunk screws; 8 gauge x 50 mm – approx 25
- Galvanised metal strap 150mm x 20-25mm
- Rubber strap “3mm Strip Insertion” 75 x 150mm
- Electric or cordless drill with 4.36mm drill bit and Phillips head driver

To build 20 nestboxes you will need to order

- Rough sawn seasoned hardwood (25mm thick) is recommended.

Dimensions (mm)	Length	Number of lengths	Approx cost*
25 x 150 (\$3.75/m)	3.6 metres	7	\$94.50
25 x 100 ##	3.6 metres	3	\$40.50
	1.5 metres	1	\$5.60
TOTAL COST			\$141

*cost as at March 2017

##These dimensions need to be cut from lengths of 25 x 150. Most of the ‘offcut’ (the 25 x 50 lengths) will be waste.

- Galvanised countersunk screws; 8 gauge x 25mm – 2 pkts of 100 each
 - Cost approx \$6 per packet = \$12
- Galvanised countersunk screws; 8 gauge x 50mm – 1 box of 500 screws
 - Cost approx \$23
- Galvanised metal strap 25mm x 0.6mm x 6m – approx. \$6
- Rubber strap – “3mm Strip Insertion” 150mm wide - approx 2 metre
 - Cost approx \$26 available from Clark Rubber
- 6 – 8 electric or cordless drills with 4.5 - 5mm drill bits and Phillips head drivers.

Construct as for a single Microbat box.

TOTAL COST for 20 boxes: approx \$210.00