



NOTES FOR SITING BIRD AND BAT BOXES

Siting of Bird boxes
Sheltered from strong sunlight and the prevailing wind and rain.
Away from each other, as neighbouring birds can be aggressive.
Away from other feeding areas for birds, as feeding activity disturbs nesting birds.
Hard for predators like cats to reach.

Siting of Bat boxes
Ideally at least 4m above the ground (where safe installation is possible);
Away from artificial light sources (to protect them from predation); and
Sheltered from strong winds and exposed to the sun for part of the day (usually south, south-east or south-west).

BIODIVERSITY ENHANCEMENT OPTIONS - Birds / Hedgehogs / Bats

1



UNIVERSAL SPARROW NEST BRICK OR SIMILAR APPROVED INSTALLED IN PAIRS

MATERIAL: as facing materials

DIMENSIONS (MM): to suit brickwork bond pattern

WEIGHT (KG): Dependant upon facing materials used.

SPECIES: House Sparrows.

SITING: Bird Brick Houses are maintenance-free integrated bird and bat boxes, designed to be quick and easy to fit into the outside skin of 75mm and most 3" brickwork courses. These include metric and most imperial UK bricks, where Stretcher, English or Flemish quarter bond is being used. Soldier bond can be accommodated via a modified box. House Sparrow hole dimension 34mm diameter. Sited between 2 – 10 metres above ground

MAINTENANCE: Easy to remove front panel

QUANTITY: 4 No

2



HEDGEHOG HIGHWAYS

Creation of holes within fence boundaries will help to connect gardens allowing hedgehogs more space to breed, find food and keep them off the roads. A hole formed usually within the gravel board part of fencing boundary with dimensions 130mm by 130mm is sufficient for any hedgehog to pass through. This will be too small for nearly all pets.

HEDGEHOG GATE
QUANTITY : 24 No

3a



NEW VIVARA PRO BUILD-IN WOODSTONE® BAT BOX (UK BRICK SIZE)

MATERIAL: WOODSTONE

Build-in WoodStone Bat Box is manufactured to UK Brick Size Specifications. Bottom section: 14cm x 21cm x 15cm Top section: 50cm x 21cm x 5cm

There are various bat species that can use this Vivara Pro bat box, this depends on the species that occur locally and where the bat box is hung. The box will be used during the summer and in mild winters for roosting and shelter.

Unique WoodStone® material offers good thermal insulation and therefore creates a more stable internal temperature and rough surface to ensure bats have enough grip to access the box. In addition to creating optimal conditions within the box, WoodStone® habitats also help protect inhabitants from predators.

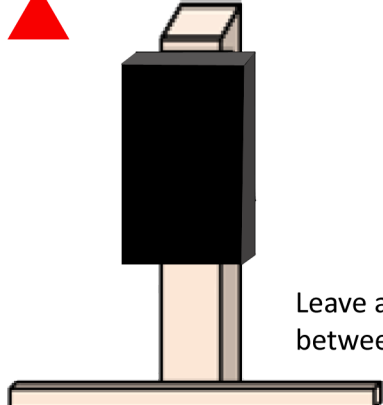
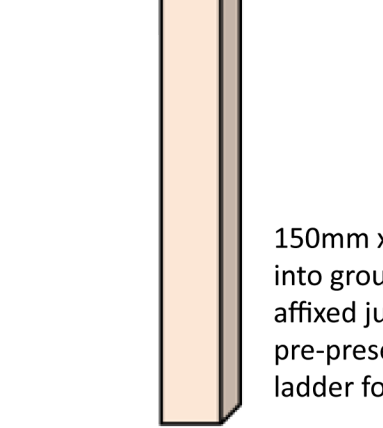
The installation block for bats can be integrated into new buildings or building renovations. It can be flush with the facade or be slightly recessed in the facade. When installing in the cavity wall, the thermal insulation runs behind the stone, so there is no cold bridge. The building blocks can also be connected to one another. To do this, remove the wooden element on the left or right. This allows the bats to crawl from one stone to the next. Basically, this creates a large bat box in the cavity wall.

Either side of the house is suitable for installation, but the south side is preferable. Mount the module as high as possible, but at least 2.5m high. Keep the approach route to the box clear, ie. do not plant trees or bushes in front of the wall in question and do not mount an awning or the like over the installation block.

Thanks to the sloping bottom of the built-in block, the bat droppings roll out of the box. This module is also maintenance-free.

QUANTITY: 4 No in total
A mix of either integrated (3a) or post mounted (3b) options to be assessed on site.

3b



Leave a space of 300mm between crevice box & batten

150mm x 150mm pre-preservation treated timber post concreted into ground to a height above ground level of 4.5metres. Bat box affixed just below top of post 70mm X50mm x 600mm long pre-preservation timber batten horizontally fixed to post to support ladder for inspection

Two crevice bat box - [Wildlife Boxes | Greenwood's Ecohabitats \(greenwoodsecohabitats.co.uk\)](#)
Individually Handmade - Specifications are in CM and approximate.
External: 43 high x 21.5 wide x 6.8 deep.
Internal: 41 x 16.5 x 1.8 crevices @ 2.
Approx. 6.75kg

B	Tree schedule updated	12.05.23	GS
A	Landscape plan base updated	11.05.23	GS
REV	DESCRIPTION	DATE	BY
REVISIONS			
<div><div>Biora</div><div>Phone: 01565 755 337 Website: www.bioragroup.com</div></div>			
Client Name: KIRKLAND DEVELOPMENTS (GORTON) LTD			
Project Title: VINE STREET, ABBEY HEY, GORTON, MANCHESTER			
Drawing Title: BIODIVERSITY ENHANCEMENTS PLAN			
Date:	09.05.2023	Drawn By:	GS
Scale:	1:250 @ A1	Checked:	DH
Status:	PLANNING	Approved:	DH
Drawing No. SE0920-04_D02_GS			Rev. B