

Bat Boxes



Data Sheet

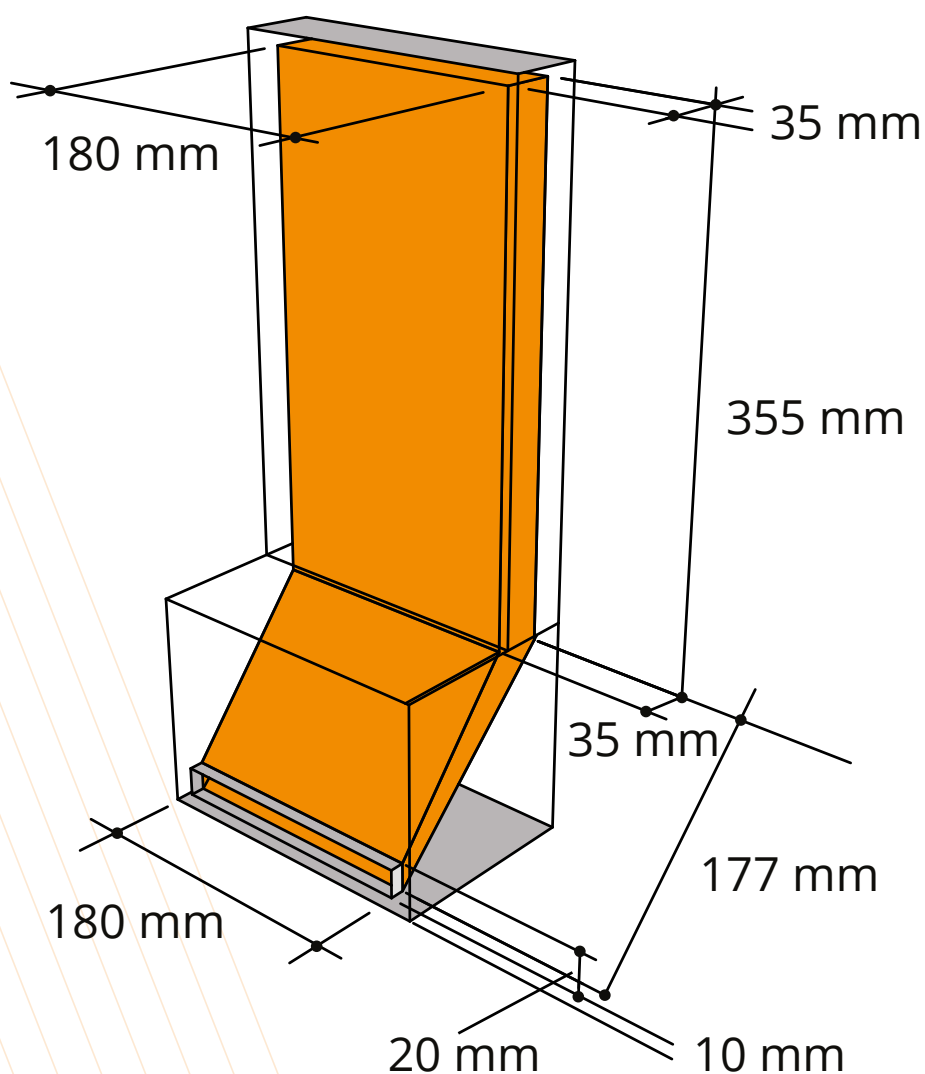


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DRAWING AND SPECIFICATION

Box Dimension – Core box, not the brick coursing size

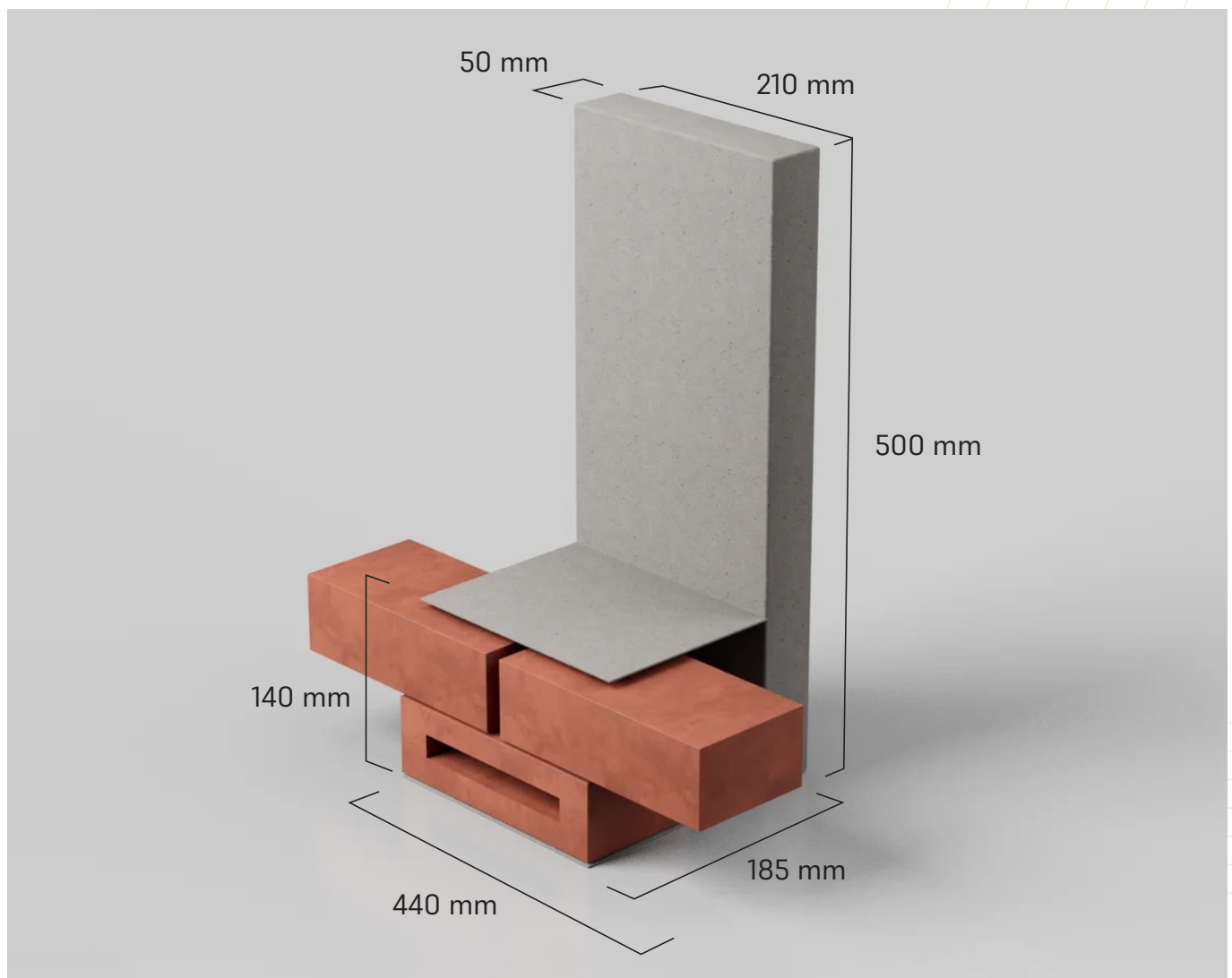
Specification	Value
External Dimensions (W × H × D)	TOP 210 x 500 x 50 & Bottom 210 x 140 x 150 mm
Internal Dimensions (W × H × D)	TOP 180 x 355 x 35 & Bottom 180 x 20 x 177 mm
Entrance Opening	180 x 20 mm
Distance from Floor to Entrance	10 mm
Complies With	BIJ12 Songbird Knowledge Document



BRICK DIMENSIONS

Box Dimension – Brick coursing, post fabrication

Specification	Value
Finished Article Number	BATBOX
External Dimensions (W × H × D)	215/440 x Bottom 140 mm Top 500 mm x 185 mm
Entrance Opening	180 x 20 mm – R51
Distance from Floor to Entrance	10 mm



NEST ENVIRONMENT

Suitable nest environment for:

- Common Dwarf Bat,
- Small Dwarf Bat
- Soprano Pipistrelle
- Particoloured Bat

The crevice-style design may also be used by other small cavity- and crevice-dwelling bat species depending on local distribution, habitat and roosting requirements.

The Bat box can be incorporated into both new-build and renovation projects.

For optimal placement, install the Bat built-in roost box on a north, east or south-east facing elevation at a height of at least 3 metres above ground level. Position the roost away from artificial lighting, areas of frequent disturbance and sources of excessive noise or vibration. Where possible, locate the roost close to suitable foraging and commuting habitat such as hedgerows, tree lines, woodland edges, watercourses or species-rich grassland. Ensure a clear flight path to the entrance and avoid obstructions such as dense vegetation directly in front of the roost opening. For enhanced ecological benefit, multiple bat roost boxes may be installed on different elevations to provide a range of temperature conditions suitable for different bat species throughout the year.

The dimension of the finished fabricated units are designed to match the brick format and bond pattern specified in your order. Our imagery demonstrates UK format (215mm L x 65mm H x 102.5mm D), we can accommodate differing brick sizes and bond patterns.

Installation guidance:

- The front face of the nest brick should be flush with the front face of the wall.
- Cavity wall insulation can continue uninterrupted behind the unit, preventing a cold bridge.
- If insulation must be removed, it should be cut back generously around the perimeter of the unit.
- The void behind the nest brick should then be filled with rigid insulation.
- Preferably install on a **north-facing or east-facing elevation**.
- Minimum installation height: **3 metres above ground level**.
- Avoid installation on south-facing or **south-west-facing elevations** due to exposure to driving rain.
- Ensure a clear flight path to the entrance and avoid obstructions such as vegetation directly in front of the roost opening.

MAINTENANCE

Maintenance requirements:

This built-in nest box does not require cleaning. The sloped bottom of the box allows waste to easily exit the habitat.

ANNEX OF MATERIALS

Core box:

- 5 x sides - wood-stone.
- Rear face – Ply Wood.

External face:

- AAB or customer brick.
- Epoxy Resin.

All About Bricks Ltd

Unit 10 Maisies Way
South Normanton
Derbyshire
DE55 2DS

Tel: 01623 573178
e-mail: info@aab.build
Web: www.aab.build



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