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**Product Data Sheet    Cavity Bat Box    Product Code: B1BBC**

<b>Appearance</b>		
<b>Summary</b>		UK made wooden box designed for cavity dwelling bats such as Brown Long-Eared. Flat backplane suitable for fitting on walls, cladding of buildings or trees etc. Made from external grade FSC® Certified birch plywood with ceramic inserts. Simplified fitting, enhanced thermal properties and features designed to facilitate inspections by licenced bat workers. Fixed apex roof with slide-out floor.
<b>Recommended Use</b>		Use on buildings, trees, poles etc to enhance environmental aspects or as part of a bat habitat mitigation scheme. May be used in BREEAM or CSH assessment
<b>External Height (mm)</b>		380
<b>External Width (mm)</b>		240
<b>External Depth (mm)</b>		150
<b>Mounting Holes</b>		Concealed keyhole at top of box, with 2 additional holes at bottom corners of backplane
<b>Weight</b>		1.5kg
<b>Colour</b>		Black
<b>Fitting</b>		Screw or nail to wall or flat surface; fit by nails, screws, cable or strap to tree etc
<b>Environmental</b>	<b>Product</b>	Certified Forest Stewardship Council® and Rainforest Alliance Certified™
	<b>Surface Finish</b>	External surfaces treated with water-based non-toxic non-volatile wood treatment, with active constituent natural borate mineral salt. Tested to EN71-3: no traces found of Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury or Selenium. Ecotoxicity: Finish not classified as dangerous to the environment
<b>Entrance Configuration</b>		Slot at base running from left wall to right wall of box; Bat landing ladder below
<b>Entrance slot width (mm)</b>		19
<b>Internal Space</b>		Single contiguous space with close fitting permanently attached roof to reduce draughts, grooves in roof to facilitate bats hanging and clustering, with ladder/textured ceramic inserts front and back to assist bats to move around
<b>Construction materials</b>		12mm external grade birch plywood Certified FSC® MIX and Rainforest Alliance Certified™. Ceramic insert.
<b>Access for Monitoring etc (for licenced bat workers)</b>		Floor slides out completely, and is retained in place with one screw
<b>Fabrication</b>		Panels assembled with surface sunk galvanised staples; No adhesive used
<b>Thermal Characteristics</b>	<b>Heat Gain</b>	Increased by black surface coating and convection into box from landing ladder
	<b>Thermal Inertia</b>	Hardwood ply outer enhanced with ceramic inserts
	<b>Ceramic Inserts</b>	2
	<b>Thermal Capacity</b>	4.7 kJ/K (estimated)
	<b>Insulation</b>	Provided by 12 mm plywood walls
	<b>Air Movement</b>	Close fitting panels and entrance at base restrict airflow and improve heat retention

## Key Features of Cavity Bat Box

