

Site Boundary (polygon)

Bats

- Mounted Bat Boxes

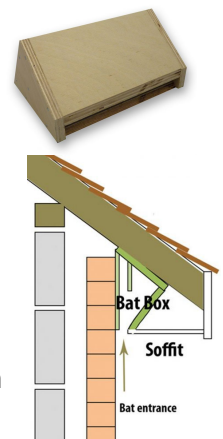
Bat roost boxes are designed to mimic natural roost sites and to provide a stable environment. The Vivara Pro WoodStone Bat Box provides summer roosting spaces for bats in an urban area. Its dimensions are 430mm high x 270mm wide x 140mm deep. It is suitable for Pipistrellus species which were recorded during the nocturnal surveys. It is made from a mix of concrete and wood fibre so is durable and maintains a consistent temperature. These boxes will be attached to trees and should be sited at least 3m from the ground, sheltered from strong winds, and exposed to the sun for part of the day (usually south or south-west). They are best clustered in small groups. Bird nest boxes will also be placed on the same trees but lower than the bat boxes, to provide birds with nesting habitat and discourage their inhabitation of the bat boxes. Tree mounted boxes should ensure entrances are free of overhanging branches.



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- Soffit Bat Boxes

Soffit bat boxes, available on the Wildcare website, are designed to be installed above the soffit on a standard roof structure and are very discreet. Its dimensions are 300mm x 140-250mm. These provide roosting habitat for crevice-dwelling bats such as pipistrelles. The entrance is formed by cutting away a 20mm slot in the back of the soffit board against the external wall. They are self-cleaning and made of hardwood exterior plywood. They should be positioned at least 2m above ground, away from artificial light sources, facing south or south-west.



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Birds

- Mounted Bird Boxes

Mounted bird boxes provide habitat for nesting birds and are suitable for attachment to trees. The Vivara Pro Seville 32mm WoodStone Nest Box is suitable for common garden birds, such as blue tits and house sparrows. Its dimensions are 31cm height x 20cm width x 20cm length. It is made of a mix of concrete and wood fibre for durability and predator protection. It should be installed above 3m to avoid interference from domestic cats. They should be situated on the north or north-eastern aspect of trees to avoid prevailing wind, rain, and direct sunlight. They should be tilted forward slightly to avoid filling with water in heavy rain. Entrances should be clutter free to allow a clear flight path. They should be cleaned annually after September, including removal of old nests.



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- Integrated Bird Boxes

The WoodStone Swift Nest Box provides habitat for this Birds of Conservation Concern Red-listed species. Its dimensions are 245mm height x 380mm wide x 265mm depth. They are constructed of WoodStone so will not rot. They are installed under the eaves of buildings, at least five metres above the ground. Access must be unobstructed.



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RammSanderson		
Title: Enhancement Plan		
Project: Former George Hotel, Duke Street, Southport		
Client: DB3 Architecture trading name of DarntonB3 Limited		
Date: 16/02/2023	Fig:1	Author: NO
A3 Scale: 1:200	ID: RSE_5853d_STC_0223_V1R2	