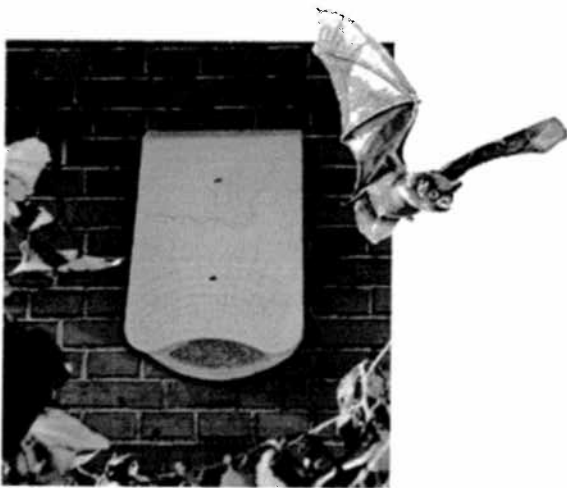


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Summer & Winter Bat Roost 1WQ

for all-season occupation



[Pic. 1]: Summer & Winter Bat Roost 1WQ

This highly sophisticated Bat Roost is designed for the safe hibernation of bats in winter as well as for roosting, forming of colonies and raising their young during summer.

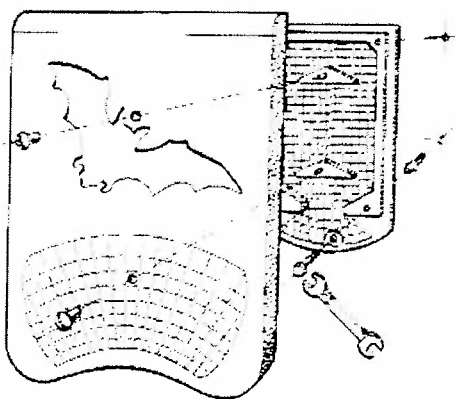
The integrated isolation in combination with the well know advantages of the SCHWEGLER light-concrete material are ideal for the needs of building-inhabiting bat species all year round. The patented "double wall system" is already tested and proven for decades in our very successful Bat Hibernation Boxes 1FW, as used in many professional and scientific projects in forests all over Europe.

With the 1WQ we can offer bats a quarter for all-season occupation in combination with an attractive design and very easy, fast and convenient installation.

The overall design and its combination of several well isolating materials in a layer structure ensures outstanding insulating properties but still guaranties sufficient air-convection and permeability. The extremely durable material will last for many decades providing shelter for the bats - maintenance-free.

By the way, the isolation will not only protect the bats in in cold winter but also prevent an overheating during summer, e.g. when installed in very sunny, exposed spots.

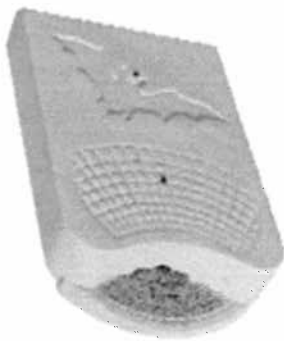
Maintenance-free: Self-cleaning and thus completely maintenance-free.



[Pic. 2]: 1WQ (Installation of both parts)

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[Pic. 3]: 1WQ (Photo)



[Pic. 4]: 1WQ, Example for Instalation

Interior: The interior is designed with different surface textures and areas with changing hanging depths. This makes it easy for the different bat species to find ideal hanging places which correspond to their individual size, preferences and the climatic situation throughout the year.

Exterior: The 1WQ comes with a decorative bat-silhouette on the front showing its purpose to us humans. The entrance area and the lower part of the front cover have an especially structured surface to allow the bats good hold and grip during their approach and while entering the unit. The wide arched entrance section with integrated steps guides the way to the inside and therefore accelerates the occupation of the 1WQ, e.g. by inexperienced young bats.

Colour: The 1WQ is delivered with a light-grey coating. If desired it can be over-painted with an air-permeable standard paint, e.g. to match the colour of the background wall.

Material: The box is made in special weather-resistant, air-permeable and rot-proof SCHWEGLER light-concrete. Because this material is so long-lasting, and because the design is very high quality, the box will help bats for many decades. All metal parts are rust-resistant.

Occupants: Typical building-inhabiting bat species like Pipistrelle, Serotine Bat or Parti-coloured Bat, etc. In areas with existing bat-colonies also Noctules or Bechstein's bat.

Installation: Using the four screws and plugs provided (see pic. 2). For easy installation, the 1WQ is detachable into two parts. First the base is screwed to the wall. After that, the front-cover with the bat-silhouette is attached, covering the mounting screws. The 1WQ can be easily attached to most types of external brick, timber or concrete walls. It will also attract bats if it is placed inside a roof space or inside historic buildings. When it is fixed to timber we recommend that the gaps between the wall and the box are sealed with silicone to prevent moisture being trapped.

Installation height: Position 3 metres or higher above the ground in a place where there is clear flight path for bats entering and leaving the box.

Siting: All kinds of buildings (e.g. made of concrete, stone, brick or timber). Successfully used in and on bridges, historic and modern multi-storey buildings, industrial sites, churches and structures for power and energy supply.

External dimensions: H 58 x W 38 x D11,5 cm

Weight: approx. 21 kg (detachable into two parts for easy installation)

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Bat Tube 1FR



[Pic. 1]: 1FR installed

This Tube system meets the characteristic behavioural requirements of the types of bats that inhabit buildings. The design maintains excellent climatic conditions inside the Tube allowing the animals to either hang onto the wooden rear or onto the wood-concrete front. It requires no maintenance because droppings fall out of the entrance ramp.

Installation: Can be installed on external walls – either flush or beneath a rendered surface in concrete and, during renovation work, under wooden panelling or in building cavities (e.g., slab-type building structures, bridges, etc). If required, it can be painted using standard air-permeable exterior paint. Birds will not occupy this box. To allow access into existing cavities in buildings, use the 2FR model below.



[Pic. 2]: 1FR Bat Tube

Suitable for: Bat species that inhabit buildings

Material: SCHWEGLER wood-concrete with integrated wooden panel onto which the bats can cling.

Colour: grey material, paintable with standard air-permeable wall-paint

Dimensions: height 47.5 x width 20 x depth 12.5 cm

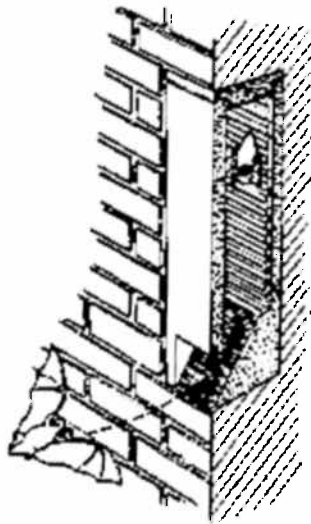
Entrance: width 15 x height 2 cm

Weight: ca. 9,8 kg

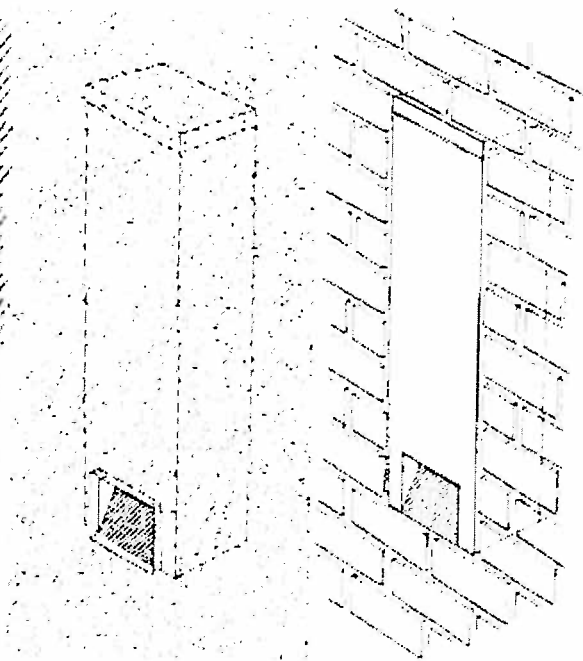
Bat Tube 1FR

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[Pic. 3]: 1FR - cut to show function of the device



[Pic. 4]: 1FR in rendered surface

[Pic. 5]: 1FR built in brickwork