

INTEGRATED NESTING BOXES FOR INSULATION SYSTEMS – NESTING REPLACEMENTS

Nesting boxes for swifts and bats to be integrated into insulation systems.



Item No.	Name	External dimensions
1650400152	1R single chamber box for the common swift	380×190×150 mm
1650400154	2R dual chamber box for the common swift	800×190×150 mm
1650400178	3R triple chamber box for the common swift	1 130×190×150 mm
1650400200	4R four chamber box for the common swift	1 500×190×150 mm
1650400179	Cavity box for bats	200×400×100 mm
1650400155	Standard box for bats	400×400×100 mm

The common swift is a specially protected species classified as an endangered animal. Act 114/1992 Coll. stipulates the obligation to prevent the injury or death of protected animals and destruction of their biotopes, natural or artificial habitats during construction work. The renovation of prefabricated and apartment buildings permanently destroys their nesting sites. Special emphasis is placed on their protection during the nesting period, i.e. from April 20 to August 10. Hence, inserting boxes for this endangered bird directly into the ETICS system is the best way to protect it and promote its nesting. When installed in the ETICS system, these boxes create a subtle and aesthetic appearance of the final facade. Legal protection also applies to all bat species living in the Czech Republic.

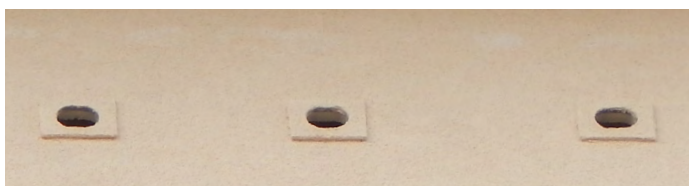
SOLUTION ADVANTAGES:

- Protecting swifts and bats is not an option, but an obligation
- A small element with a huge impact
- Essential for building revitalization projects

Before installation:



After installation:



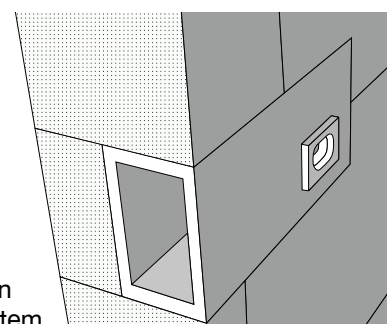
MATERIAL AND DESCRIPTION OF BOXES:

Boxes for the common swift: Nesting boxes are made of 20mm thick extruded polystyrene; this means there is no foreign material in the ETICS system that would cause local temperature differences visible in thermal camera images. The inner floor is reinforced with screed. The entrance opening is fitted with a stone-imitation entry plate for better integration into the reinforcing layer and plaster finish. The entrance opening measures 35×70 mm and is positioned 1.5 cm above the bottom. We recommend using a color shade with the same HBW value as the facade area where the boxes are installed.

Standard boxes for bats: The boxes are made of 20mm thick extruded polystyrene; the back side is 40 mm thick. The opening and inner side are covered in textured screed with a PU layer that allows the bats to move around inside the box and hang.

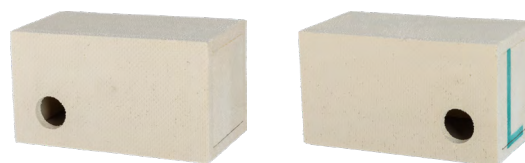
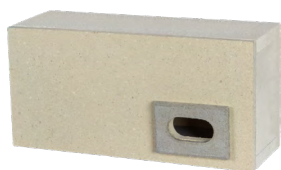
Cavity box for bats: The boxes are made of 20mm thick extruded polystyrene; the back side is 40 mm thick. The opening and inner side are covered in textured screed with a PU layer that allows the bats to move around inside the box crawl into the cavities that must be preserved according to the project or ČESON.

Recommended installation of boxes in the ETICS system



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Swift nesting boxes for insulation systems reinforced with purenit and parapet swift boxes.



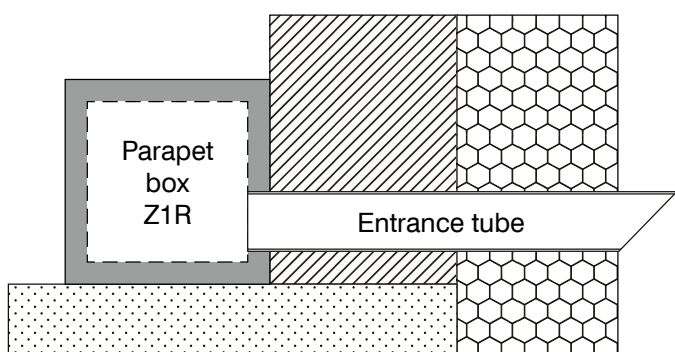
Item No.	Name	External dimensions
1652279681	1R PLUS single chamber box for the common swift	380×190×150mm
1652279683	2R PLUS dual chamber box for the common swift	800×190×150mm
1652279684	3R PLUS triple chamber box for the common swift	1 130×190×150mm
1650400180	Parapet box Z1R	190×190×340mm
1650400182	Entrance tube	50/350mm

The new types of nesting boxes (1R PLUS, 2R PLUS, 3R PLUS) feature a reinforced front wall made of high-quality and exceptionally durable 15 mm PURENIT material.

The boxes are designed as effective protection against birds of prey – the PURENIT material cannot be damaged, pecked through, or destroyed.

This significantly increases nesting safety for the endangered swift species.

Parapet boxes are intended for installation on the inner side of parapets of double-skin flat roofs in combination with a 90 mm entrance tube. They are attached to the inner side of the parapet using facade adhesive screed or ETICS adhesive foam (see figure below).



GENERAL TERMS AND CONDITIONS:

The boxes are glued with facade adhesive or PUR foam, like all insulation in the ETICS system. Install boxes only with a northwest, west, or northeast orientation. If oriented toward other cardinal directions, swifts will not settle in the boxes. Standard boxes are in stock, other boxes need to be custom made. We can also supply fireproof boxes for birds and bats made of phenolic foam that can be installed in fire protection zones pursuant to ČSN 73 0810. Atypical dimensions are available on request. The boxes are generally delivered within 5 to 10 days depending on the quantity. Packaging: cardboard bottom and stretch film. The delivery includes a description of the installation direction (in Czech, Ukrainian, Romanian), EAN code.