Protect-us

BIRD STOP

VISUAL AND OLFACTORY BIRD REPELLENT

INSTALLATION MANUAL

FLAME SHIELD™
GEL TECHNOLOGY

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INTRODUCTION

Protect-us BIRD STOP is a novel, highly effective yet discreet bird deterrent, for use on buildings and other structures.

BIRD STOP combines potent visual and olfactory effects, which deter pest birds from landing on surfaces where installed. BIRD STOP is not toxic or harmful to birds, and they do not have to contact it for it to be effective.

It does not kill or trap birds, but immediately changes their behaviour so they feel uncomfortable in areas where BIRD STOP is applied. Affected birds will completely desert a habitat they have been using for years once BIRD STOP is applied in accordance with the guidelines in this Manual.

Once properly installed, the product remains effective for up to two years or more, even in harsh climates *.

BIRD STOP is intended to be applied in the UV stabilised, low-profile Dishes that are supplied. Once installed, the Dishes are usually invisible from ground level, so do not detract from the visual appearance of buildings.

BIRD STOP Visual & Olfactory Bird Repellent contains peppermint oil and white pepper in a natural product base with all actives and inerts appearing on the United States Food and Drug Administration's lists of products that are Generally Regarded As Safe (GRAS). It contains no polybutene and is formulated to meet European Pharmacopoeia Standards.

BIRD STOP works on three senses of the birds. Primarily it reflects light in the UV-spectrum. Under a UV-lamp it appears to sparkle. It is therefore considered that, since birds see light in the UV-spectrum, the sparkle appears like fire and thus visually deters the birds.

Birds that approach closer are repelled by the herbal odour of the product. Additionally birds will emit warning signals in the presence of the product which can provide additional auditory repellence.

BIRD STOP can be used indoors or outdoors.

Installation is quick and easy. However, it is imperative that the site is thoroughly cleaned beforehand, any nesting material is removed from the area and the advice in this Manual must be followed.

DO NOT apply BIRD STOP to surfaces where the temperature is likely to approach or exceed 70 ^{0} Celsius.

Do not place Dishes at an angle of more than 40 degrees.

WHERE TO APPLY Protect-us BIRD STOP

BIRD STOP may be applied to almost any solid structure on which pest birds roost or nest, including ledges, girders, beams, parapets, flat roofs, trees and other structures

It may be used in exposed open-air locations such as building facades or pylons, or in partially enclosed areas such as railway stations.

The product will not run, so Dishes may be applied to sloping surfaces.

DO NOT place the BIRD STOP Dishes in locations where the public are able to access the Dishes. DO NOT place in areas accessible to children.

DO NOT place within 2 m of nests containing eggs or young birds of protected bird species.

SITE PREPARATION

Dishes of BIRD STOP should be fixed only to surfaces which are clean and dry.

Ensure appropriate PPE is used when preparing the site.

Remove all vacant nests and other related debris.

For effective application of BIRD STOP all surfaces within the installation area must be thoroughly cleaned and free from faecal and organic matter.

NB: BIRD STOP will only be completely effective if the site is properly cleaned before installation.

HOW MANY DISHES OF BIRD STOP?

The number of Dishes required will be greater at high pressure roosting sites. For most species of bids the placement of Dishes as follows is suitable:

HIGH PRESSURE - NIGHT ROOSTING AND NESTING AREAS	
Pigeons, sparrows	**15 – 20 cm spacings**
MEDIUM PRESSURE - DAY TIME ROOSTING AND OBSERVATION AREAS	
Starlings, swallows, mynas, crows	**20 – 30 cm spacings**
LOW PRESSURE AREAS – NEW AND OCCASIONAL ROOSTS	
Seagulls, ibis	**30 – 50 cm spacings**

Smaller birds will usually require a great density of Dishes.

On narrow structures < 300 mm width, one row of Dishes will usually be sufficient.

On broader areas where more than one row is required, keep the same spacing between rows as within rows.

SEAGULLS

MYNAHS

PIGEONS

SPARROWS

WILLIE WAGTAILS

CROWS

BARN SWALLOWS

STARLINGS

IBIS

NOTES: When applying BIRD STOP around the periphery of a nesting site which has not been treated, it will not deter birds from returning to the untreated nests. Where nesting sites are inaccessible (e.g., under plants, solar panels, etc.) and cannot be cleaned, the gaps through which the birds enter may need to be proofed

To deter birds from nesting on balconies, BIRD STOP must be applied to the nesting site itself.

In some situations where nesting or roosting pressure is high, some dominant birds may remain at the site for 2 or 3 days before finally departing for good.

As with all bird protection work, each site needs to be considered according to its individual environmental and structural features. Dish spacings may need to be increased or decreased accordingly.

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APPLICATION DETAILS

BIRD STOP is supplied in two options.

- A box containing 15 pre-filled Dishes. These Dishes are then sealed to the surface using a high-quality silicone sealant.
- A 250 g cartridge with 15x Dishes. These Dishes are then used with either our Magnets, for attaching to ferrous surfaces, Gutter Clips or Window Clips.

HOW TO APPLY BIRD STOP FROM THE CARTRIDGE

- Insert the 250 g cartridge of BIRD STOP into a standard caulking gun. Cut off the cartridge seal, and then cut the tip off the nozzle to the required size (about 10 mm diameter).
- Determine the number of Dishes required for the treatment (see previous page), and their exact locations.
- Place Magnets in Dishes, or attach Gutter Clips and/or Window Clips to the Dishes, as required. Apply 15 – 17 g of product into each Dish, using the caulking gun. This quantity is enough to fill the Dish to just below the rim.

HOW TO APPLY BIRD STOP PRE-FILLED DISHES

- Determine the number of Dishes required for the treatment (see previous page), and their exact locations.
- Apply a 20 mm diameter bead of high-quality silicone adhesive to the clean, dry surface, and immediately press the Dish firmly onto the adhesive.

Standard

Magnet

Gutter Clip

Window Clip

100% NATURAL & PESTICIDE FREE

USE OF BIRD STOP WITH OTHER BIRD MANAGEMENT SYSTEMS

BIRD STOP alone will not resolve every bird management problem. It is often used as *part of an integrated approach to bird management where, for example, larger areas are netted, ledges are proofed with BIRD STOP, and food spillages are reduced through improved housekeeping practices.

BIRD STOP will not stop birds flying through open doorways or windows.

WORKING AT HEIGHT

Falls from height are a significant cause of serious workplace injuries. Ensure that operators using BIRD STOP are competent, appropriately trained and that appropriate safety equipment is used. Measures may also need to be taken to protect those below the operator. See Safe Work Australia's website **https://www.safeworkaustralia.gov.au/heights** for further guidance regarding working at heights in your local state or territory.

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