



## Urban Bird Solutions

### Case Studies

#### CANOPY BIRD NETTING

##### Introduction:

Birds know a good home when they see one. Especially when trees have been removed and their normal nesting areas disappear in site development.

Feral birds often deface buildings and signage, leave feathers, nesting materials and excreta on ledges and roofs, and foul air conditioners, all of which can be costly and time consuming to clean up

These four companies asked Ace Birdproofing Systems to help them to overcome their bird problems.

Ace specialise in the 'proofing' of building structures, rather than the more controversial practice of 'bird elimination'. While the latter is legal (when done in compliance with relevant legislation) it presents PR and ethical risks which are best avoided. Structural bird proofing is now seen as providing a cost effective and permanent solution when the Ace BirdNet system is professionally installed. In addition to economic reasons, Health and Safety considerations are 'drivers' to the elimination of unsafe bird harbourages.

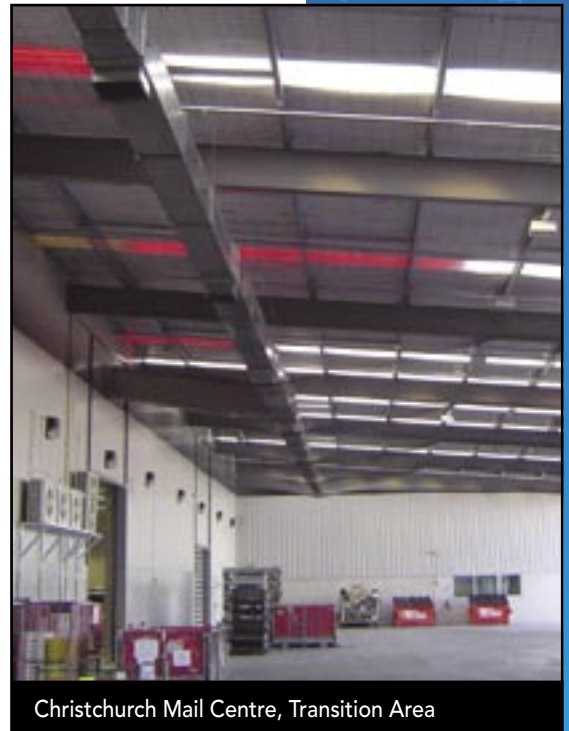
*The BirdNet system is a cost-effective method of under-hanging a canopy without solid infills and maintains excellent access when professionally installed.*

### New Zealand Post, Christchurch Mail Centre

The \$12.5M Christchurch Mail Centre at Harewood had a bird problem even before fit-out of their new mail sorting facility. Relocating from their Hereford Street site enabled New Zealand Post to develop a custom-designed building. It comprises three operational cells plus offices. The outer transition area for delivery vehicles has entry and exit openings without doors. While separated from the other two 'cells' by automatic doors, birds could still get to the inner operational areas.

The brief which Ace responded to was to prevent birds perching or nesting within the outer transition area roof of around 2160m<sup>2</sup>, on wiring cable trays, ventilation ducts and along the outer wall.

The netting used was Ace knotted polyethylene made with ultraviolet light stabilised 12/6 twine in black 19mm mesh. The support structure is made from 2mm 7/7 stainless steel and a variety of suitable fixings, customised to enclose the underside of the canopy. Zips were placed under sprinkler heads and lights to enable servicing without affecting the integrity of BirdNet. With minimal disturbance to others, two experienced Ace bird proofing technicians completed this project, working 13 hour days.



Christchurch Mail Centre, Transition Area



Christchurch Mail Centre, Transition Area

### Nestle, Wiri:

Nestle's quality systems are directed at implementing 'Good Manufacturing Practices' (GMP) and the need to improve the bird proofing of a particular canopy was identified in an internal audit.

Nestle wanted to use the area below the canopy to store spare equipment. Without effective birdproofing they could not do this, without the risk of fouling from nesting or perching. Although the area was relatively small, it was important to Nestle to have it professionally proofed with the best materials for a long term solution. The Birdnet system was installed by two Ace technicians in three days.

### Fonterra Edgumbe stores:

One small canopy on this site had sparrows, starlings and mynhas perching in the open roof area. The risk was that if they could beat the open/close time of the adjacent fast acting door, they may get access to inside the dairy stores. Definitely not a risk the company could accept.

The proposal from Ace to proof the roof and side wall from all birds was accepted and the project completed in one week. The proofing methods used were similar to the Christchurch Mail Centre project, using 19mm BirdNet.

### Sylvia Park Pak n Save:

For those businesses within the food chain, urban birdlife can be highly problematic.

At Pak 'N Save Sylvia Park, Ace BirdProofing Systems was contracted to design, supply and install a bird exclusion system to the underside of the inwards goods canopy area of the supermarket.

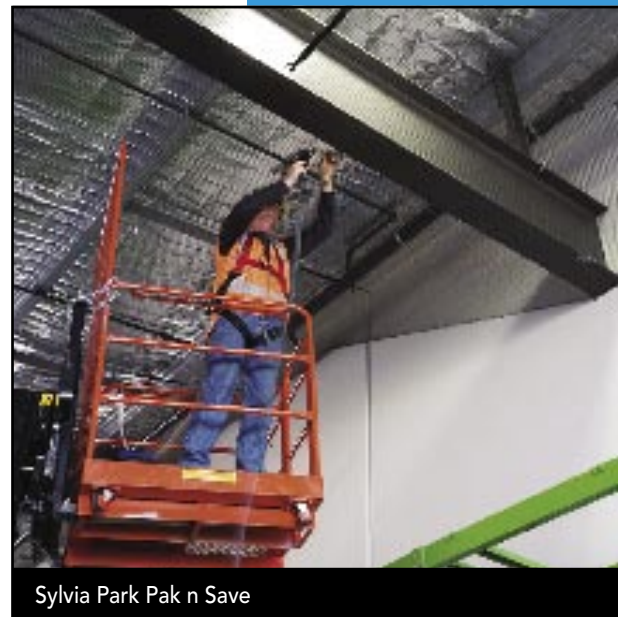
The design brief specified a system to prevent any bird perching or nesting in the roof structure so as to minimise the risk of contaminating the incoming goods at delivery times, contributing to a safe and hygienic area. The system had to provide access to services, such as fire sprinkler maintenance and lighting contractors, between the Birdnet and the roof. This was achieved by installing zips within the net.

The netting is manufactured using Ace knotted polyethylene made with ultraviolet light stabilised 12/6 twine in black 19mm mesh. The support structure is made from 2mm 7/7 stainless steel and is customised to the underside of the canopy.

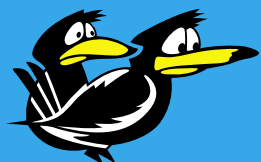
The Ace Birdproofing range of products and services includes: Avipoint Bird Spikes, BirdNet, Bird Wire, Bird Shock, Bird Brush, Eagle Eye, and other customised solutions.



Fonterra Edgumbe



Sylvia Park Pak n Save



**ACE**  
**BIRD PROOFING**  
*Specialists*

**Ace Birdproofing Systems Ltd**

PO Box 38243, Howick, Manukau 2014

Ph: +64 9 273 4970, Fax: +64 9 273 4972

Mob: 021 795 280, Email: [allan@birdproofing.co.nz](mailto:allan@birdproofing.co.nz)

[www.birdproofing.co.nz](http://www.birdproofing.co.nz)