

SYSTEMS FOR BIRDS REMOVAL  
...incent methods, effective and competitive on the market in all the typologies.

## 4 | BIRD CONTROL



## BIRD CONTROL

### BIRD SPIKES

#### Birdex Spike System

## Birdex

The "Birdex Spike System" is a spike system, based on an age-old principle and grown from experience.

In-depth material research and technological perfection have made it the most multifunctional bird repelling system, offering a variety of advantages under all normal conditions. It is a simple modular system consisting of some handy basic elements.

Each unit consists of a 25cm-long narrow polycarbonate strip, with flexible springy spikes made of stainless steel (Aise 302) every 5 cm, welded stress-free onto the strip, thus preventing the spikes from coming off. The scientifically developed materials are extremely durable and retain their shape, but flexible. These properties allow the strips to be placed on curved surfaces without any problem.

The polycarbonate used is UV-resistant and free of stress-cracking. In addition, this polycarbonate is crystal clear, making it virtually invisible from a distance.

Thanks to the breaking lines, the elements can be easily divided into smaller units, without loss of quality. Of course these materials and their assembly guarantee an exceptional durability. This also implies a real economic added value.

The existence of various types enhances the multifunctionality: a strip with one (T1), with two (T2) or even 4 rows of spikes (T4).

The strips are glued, nailed or screwed onto all possible landing and resting places of birds. On broader surfaces two or more strips are placed next to each other. To protect against smaller birds, the distance between the spikes can be reduced to 2,5 cm by overlapping the strips.

The springy, blunt spikes prevent birds from landing on treated surfaces, without causing any injuries.

This makes the system particularly animal friendly.

Especially: the system can be placed with such speed and easy that any professional, and even handy do-it-yourselfers, can do it effortlessly. Additionally, the quick placement ensures significant savings.

The conclusion is simple: with its well-considered concept, the "Birdex Spike System" is the optimum solution in 85% or more of the situations where protection against birds on buildings is necessary and useful.

To ensure a correct and efficient installation of Birdex, a number of factors must be considered.

First of all, it is important to know which animals exactly are a nuisance.

If small birds, such as starlings, are a nuisance, the strips must overlap, resulting in a distance of only 2,5 cm between the spikes.

For pigeons, gulls and other large birds the distance is 5 cm.

Furthermore the surface must be structurally sound and clean. This implies that the surface must be thoroughly cleaned and decontaminated. Any damage must be repaired and refinished first.

To place the strips it is not necessary to use specifically suited for the application but only a neutral silicon alcolic adhesive. This technique is suited for any sound dust- and grease-proof surface. In any case, make sure the spikes are always flush with the edge of the surface (on the sides as well!), or protrude a little. Under no circumstances the bird protection must be placed away from the edge. This could leave room for birds to land regardless of the strips and cause damage to the system.

When the necessary attention is paid to the preliminary study and installation instructions, the Birdex Spike System offers a safe and particularly durable protection for a clean and agreeable environment.

Birdex also ensures that buildings, monuments or objects keep their value longer and that renovations or restorations do not go to waste. After all, when a bird repelling system is forgone, it often happens that significant investments in renovation or restoration works are no longer noticeable, even after a very short time.

#### MECHANICAL PROPERTIES

Density: 1,200 kg/m<sup>3</sup> Water absorption: 46 nL/g.

Light transmission: 85-89% Tensile strength at break: 65-85 N/mm<sup>2</sup> Rockwell hardness: 65-80 Izod impact resistance: 60-80 kJ/m<sup>2</sup> at 23°C. The springs are U- or hook-shaped depending on the type. The straight end of the springs is perpendicular to the connecting strips. The type with a double row of springs (T2) is formed by three successive angles of 120°C. With regard to the type with a single row of springs (T1), this hook-shaped spring is formed by two successive angles of 120 °C.

The blunt top of the springs is at least 110 mm above the surface. The springs have a diameter of 1,3 mm and they are made of stainless steel class 302 / type 18,8.

This type of metal has a very high resistance to metal fatigue and a particularly high tensile strength and resilience.

#### ASSEMBLY

The springs are mounted stress-free in the polycarbonate supports by means of an ultrasonic welding process. This unique weld prevents the springs from coming off of the Birdex Spike System strip. The weld is made in such a manner that the spring, where it is fastened to the seat of the support, it is encased in polycarbonate over its entire circumference, without any stress between both materials. Stress-cracking is thus ruled out.

## BIRD CONTROL

### BIRD SPIKES

#### Birdex T1

##### BIRDEX STRIP T1.

Polycarbonate strip of 25 cm with 5 single rows of ultrasonically welded springs. The blunt RVS (Aisi 304) springs have been welded stress-free, resulting in an unrivalled durability and UV resistance of the Birdex strips. The strip can be manually divided in 14 places. Fastening by means of glue, nails or screws.

Height of 11 cm.

Application: narrow surfaces up to 5 cm wide.

ITEM	CODE	PACK
BIRDEXT1	13-12-1-1X50	BOX OF 50 M



Birdex T1



#### Birdex T2

##### BIRDEX STRIP T2.

Polycarbonate strip of 25 cm with 5 double rows of ultrasonically welded springs. The blunt RVS (Aisi 304) springs have been welded stress-free, resulting in an unrivalled durability and UV resistance of the Birdex strips. The strip can be manually divided in 14 places. Fastening by means of glue (with Birdex Kit), nails or screws.

Height of 11 cm Width of 5 cm.

Application: windowsills, ornaments, ridges, roof edges...

ITEM	CODE	PACK
BIRDEXT2	13-12-2-1X50	BOX OF 50 M



Birdex T2



#### Birdex T4

##### BIRDEX STRIP T4.

Polycarbonate strip of 25 cm with 5 four-fold rows of ultrasonically welded springs. The blunt RVS (Aisi 304) springs have been welded stress-free, resulting in an unrivalled durability and UV resistance of the Birdex strips. The strip can be manually divided in 14 places. Fastening by means of glue (with Birdex Kit), nails or screws.

Height of 11 cm Width of 15 cm.

Application: broad areas where 2 or more rows of T2 would have to be installed otherwise.

ITEM	CODE	PACK
BIRDEXT4	13-12-4-1X20	BOX OF 20 M



Birdex T4



## BIRD CONTROL

### BIRD SPIKES

#### Birdstop

## Birdstop

**BIRDSTOP IS A VERSATILE RANGE OF BIRD SPIKES DESIGNED TO PROVIDE EFFECTIVE CONTROL OF PROBLEM URBAN BIRDS.**

The spikes act as a physical barrier to the birds without hurting them.  
The clever design means that just four types of spike provide the solution to virtually every situation where spikes are suitable.  
This reduces the need to carry several different stock lines.

New

#### Birdstop 6004



## Birdstop 6004

80 spikes/ m  
50 x 8 x 12,5 cm (lxbxh)  
Poly carbonate guaranteed 10 years  
Stainless steel sandwich



ITEM	CODE	PACK
BIRD STOP 6004	13-94-1-1X50	BOX OF 50 M

New

#### Birdstop 6005



## Birdstop 6005

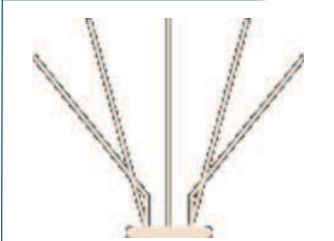
80 spikes/m  
50 x 8,5 x 12,5 cm (lxbxh)  
Poly carbonate guaranteed 10 years  
Stainless steel sandwich



ITEM	CODE	PACK
BIRD STOP 6005	13-94-2-1X50	BOX OF 50 M

New

#### Birdstop 6006



## Birdstop 6006

120 spikes/ m  
50 x 1 5,5 x 12,5 cm (lxbxh)  
Poly carbonate guaranteed 10 years  
Stainless steel sandwich



ITEM	CODE	PACK
BIRD STOP 6006	13-94-3-1X50	BOX OF 50 M

## BIRD CONTROL BIRD SPIKES

### Birdstop 6011

New

80 spikes/ m  
50 x 16 x 12 cm (lxbxh)  
Poly carbonate guaranteed 10 years  
Stainless steel sandwick



ITEM	CODE	PACK
BIRD STOP 6011	13-94-6-1X50	BOX OF 50 M



### Birdstop 6012

New

80 spikes/ m  
50 x 14 x 12 cm (lxbxh)  
Poly carbonate guaranteed 10 years  
Stainless steel sandwick



ITEM	CODE	PACK
BIRD STOP 6012	13-94-7-1X50	BOX OF 50 M



### Birdstop 16-91-51

New

40 spikes/ m  
50 x 11 x 1 cm (lxbxh)  
Poly carbonate guaranteed 10 years  
Stainless steel sandwick



ITEM	CODE	PACK
BIRD STOP 16-91-51	16-91-51-1X50	BOX OF 50 M

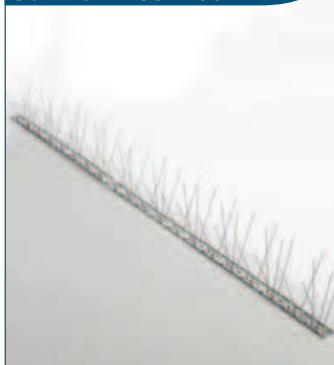


## BIRD CONTROL

### BIRD SPIKES



Sol Inox Mec i 760



## Sol Inox Mec i 760

### MULTIPLE-NEEDLE GUARD.

Highly flexible base 60 points

### BASE LENGTH:

100 cm in Aisi 304 stainless steel or copper.

### POINTS:

60 rounded points bent on both sides following an alternating pattern in Aisi 302 stainless steel or phosphorous bronze.  
Length 11 cm - Diameter 1,2 mm.

**PACK:** 25 m

### APPLICATIONS:

Highly flexible base which can be easily divided up. Mount on large surfaces, efficacy of dissuasion of 18 cm.

ITEM	CODE	PACK
SOL INOX MEC i 760	13-1313-4-1X25	BOX OF 25 M

## Did you know that ...

Pigeon droppings can cause histoplasmosis which is a serious disease that affects our lungs. This condition is caused by the consumption of *histoplasma capsulatum* fungal spores by the pigeons. The fungal spores are then released in their excreta and inhaled by humans. This disorder is often confused with flu due to the symptoms similar to the latter. Pigeon droppings may also cause other fungal diseases like cryptococcosis, avian flu, encephalitis, West Nile Virus and toxoplasmosis. All these conditions can become deadly, if not detected at an early stage.

Besides these, the excreta of these birds may also carry bacteria which might cause dangerous diseases like meningitis, *E. coli*, salmonella etc. Pigeon droppings get mixed with ground water through rainwater drains and can also contaminate swimming pools and drinking water in the city. The dried off droppings can get accumulated in the air vents of building and

make people sick. This is a very dangerous aspect of growing population of pigeons in urban settings.



## BIRD CONTROL

### BIRD NET



## Birdnet

Birdnet

### BIRD NET IS ONE OF THE MOST POPULAR METHODS USED FOR PROTECTING STRUCTURES AGAINST BIRDS.

Its success is due principally to the fact that, if is correctly installed can be used in places subject to high levels of bird infestation and where birds are roosting or nesting.

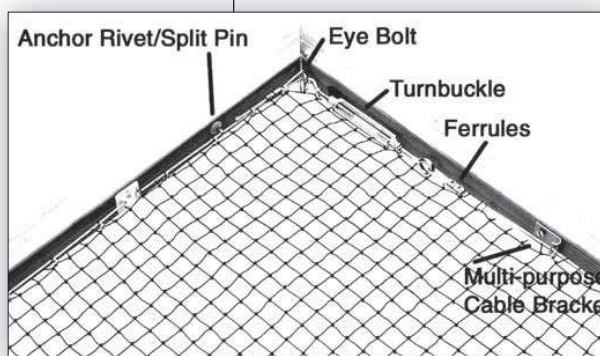
BIRDSTOP bird net is specially designed and manufactured on the birds control operators specification ensuring the highest standards required for bird proofing.

All our bird nets are manufactured of knotted polyethylene. It does not absorb water and they are chemically inert. All Network Bird Nets are guarantee against the UV-rays

It is constructed from mono-wire designed specifically for bird net systems. They are extruded into a twine that is 12/9 strands thick.

#### DIMENSIONS AVAILABLE:

- 5 x 5 m - 25 m<sup>2</sup>
- 10 x 10 m - 100 m<sup>2</sup>
- 10 x 20 m - 200 m<sup>2</sup>
- 15 x 15 m - 225 m<sup>2</sup>
- 20 x 20 m - 400 m<sup>2</sup>
- 30 x 30 m - 900 m<sup>2</sup>



ITEM	CODE	PACK
BIRDNET BLACK COLOUR mm 28x28 dimension m 5x5	13-78-RAN28X025	SINGLE PACK
BIRDNET BLACK COLOUR mm 28x28 dimension m 10x10	13-78-RAN28X100	SINGLE PACK
BIRDNET NEUTRAL COLOUR mm 28x28 dimension m 10x10	13-78-RNE28X100	SINGLE PACK
BIRDNET BLACK COLOUR mm 50x50 dimension m 5x5	13-78-RAN50-025	SINGLE PACK
BIRDNET BLACK COLOUR mm 50x50 dimension m 10x10	13-78-RAN50-100	SINGLE PACK
BIRDNET BLACK COLOUR mm 50x50 dimension m 15x15	13-78-RAN50-225	SINGLE PACK
BIRDNET BLACK COLOUR mm 50x50 dimension m 20x20	13-78-RAN50-400	SINGLE PACK
BIRDNET BLACK COLOUR mm 50x50 dimension m 5x5	13-78-RAP50X025	SINGLE PACK
BIRDNET BLACK COLOUR mm 50x50 dimension m 10x10	13-78-RAP50X100	SINGLE PACK
BIRDNET BLACK COLOUR mm 50x50 dimension m 15x15	13-78-RAP50X225	SINGLE PACK
BIRDNET BLACK COLOUR mm 50x50 dimension m 20x20	13-78-RAP50X400	SINGLE PACK

## MP2B Bird Ultrasonic System + Strobo

New

MP2B

### THE MP2B IS A FULL-FEATURED ULTRASONIC BIRD CONTROL SYSTEM THAT GETS RID OF STUBBORN BIRD INFESTATIONS WITH A SILENT AUDIO ATTACK.

This automated ultrasonic system uses two speakers to emit high frequency sound waves and audio signals. The sounds confuse, disorient, and intimidate pest birds to quickly scare them away from the effective area up to 350 m<sup>2</sup>. What makes the MP2B different from the standard device is the addition of an automated strobe light (random system) designed to attack the visual senses of the birds. This light attack, in addition to the noises, provides a one-two punch that keeps birds away.



ITEM	CODE	PACK
MP2B ULTRASONIC+STROBO	9-92-STROBO	SINGLE PACK

## BIRD CONTROL

### BIRD SOUND SCARE SYSTEM

BL  
bleuLine

New

AH 112

# AH 112



#### BIRD SOUND SCARE SYSTEM SPEAKERS ALL IN ONE.

This automated ultrasonic system uses two speakers to emit high frequency sound waves. This sophisticated sound scare system has 2 integrated loudspeakers and a crepuscular system.

It works with a 12V battery. It can also be powered with 220V by using a 220V/12V transformer.

The sounds are reproduced not regular intervals from 15 to 40 seconds and they have also irregular moments of silence.

The system can be connected to a timer to program the sounds on the 24 hours.

The timer works only with 220 V.

#### TECHNICAL FEATURES

Power: 40 W - 12V

Integrated speakers: 2

Protection: IP65

Packaging: 1 piece

60 m of radius

Birds chase-off device

Dimension: 310 x 160 x 100 mm

Weight: 960 g

Battery: 12 V

ITEM	CODE	PACK
AH 112	9-78-AH112	SINGLE PACK

