

ENG



BIRDS





BUDDY SUN™
BIRD BARRIER FOR SOLAR PANELS



BIRD CONTROL

ANTI-PERCHING SYSTEMS

STEEL



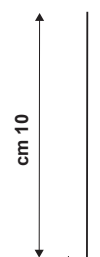
A STAINLESS STEEL BIRD SPIKE 30 PINS / METRE

Bird spike with stainless steel base, particularly suitable in difficult environmental conditions such as heat, solvent pollution, etc.

For use in the presence of **low bird infestation levels** on gutters, electric cables and/or narrow surfaces. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc. The bird spike does not deform over time since the base and the pins are made of high quality stainless steel.

TECHNICAL DATA

Length:	1000 mm
No. of pins:	30 in a metre
Distance between pins:	33 mm
Coverage:	Longitudinal
Fixing holes:	Ø 4,5 mm
BASE	
Material:	Stainless steel
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm



Code:	Pack:	Pallet:
301	50 m / carton	36 cts / pallet



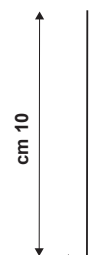
B STAINLESS STEEL BIRD SPIKE 66 PINS / METRE

Bird spike with stainless steel base, particularly suitable in difficult environmental conditions such as heat, solvent pollution, etc.

For use in the presence of **medium / high bird infestation levels** on gutters and/or narrow surfaces. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc. The bird spike does not deform over time since the base and the pins are made of high quality stainless steel.

TECHNICAL DATA

Length:	1000 mm
No. of pins:	66 in a metre
Distance between pins:	15 mm
Coverage:	Longitudinal
Fixing holes:	Ø 4,5 mm
BASE	
Material:	Stainless steel
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm



Code:	Pack:	Pallet:
302	50 m / carton	36 cts / pallet

BIRD CONTROL

ANTI-PERCHING SYSTEMS

STEEL

A STAINLESS STEEL BIRD SPIKE 66 PINS / METRE

Bird spike with stainless steel base, particularly suitable in difficult environmental conditions such as heat, solvent pollution, etc.

For use in the presence of **medium / high bird infestation levels** on narrow surfaces which require both vertical and slanted protection. This bird spike features vertical pins alternating with pins that slant only on one side, so that installers can fix it against the wall of the building.

It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since the base and the pins are made of high quality stainless steel.

TECHNICAL DATA

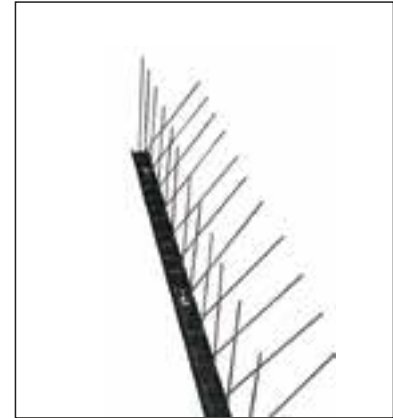
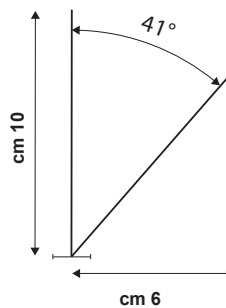
Length: 1000 mm
No. of pins: 66 in a metre
Distance between pins: 15 mm
Coverage: 60 mm
Fixing holes: \varnothing 4,5 mm

BASE

Material: Stainless steel

PINS

Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm



Code:	Pack:	Pallet:
303	50 m / carton	36 cts / pallet

B STAINLESS STEEL BIRD SPIKE 66 PINS / METRE

Bird spike with stainless steel base, particularly suitable in difficult environmental conditions such as heat, solvent pollution, etc.

For use in the presence of **medium / high bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since the base and the pins are made of high quality stainless steel.

TECHNICAL DATA

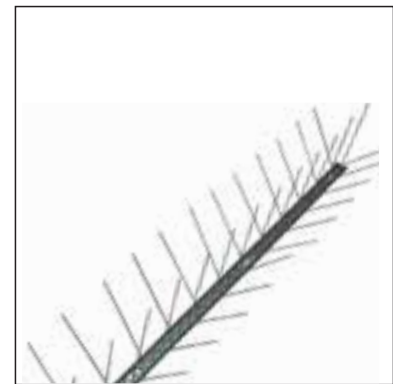
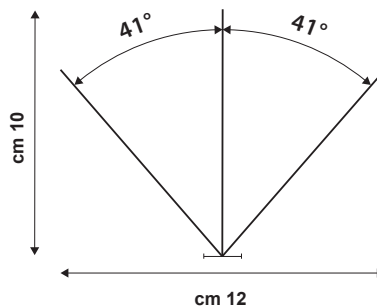
Length: 1000 mm
No. of pins: 66 in a metre
Distance between pins: 15 mm
Coverage: 120 mm
Fixing holes: \varnothing 4,5 mm

BASE

Material: Stainless steel

PINS

Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm



Code:	Pack:	Pallet:
310	50 m / carton	36 cts / pallet

BIRD CONTROL

ANTI-PERCHING SYSTEMS

STEEL

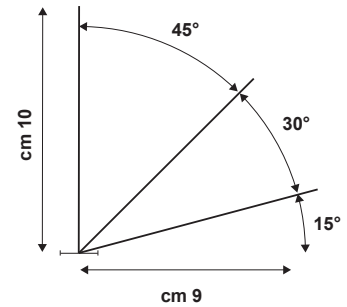


A STAINLESS STEEL BIRD SPIKE FOR SOLAR PANELS 66 PINS/MT

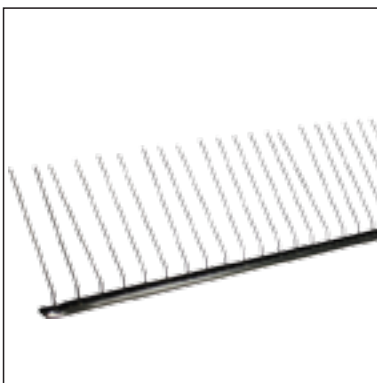
This bird spike is similar to the standard stainless steel model, but its pins slant in a different way. With 66 pins per metre slanting at three different angles, this is a more versatile product. It is in fact designed to protect the highest edge of solar panels, whichever way the panel is slanting. Suitable for all types of panels and all bird species.

TECHNICAL DATA

Length:	1000 mm
No. of pins:	66 in a metre
Distance between pins:	15 mm
Coverage:	90 mm
Fixing holes:	Ø 4,5 mm
BASE	
Material:	Stainless steel
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm



Code:	Pack:	Pallet:
313	50 m / carton	36 cts / pallet

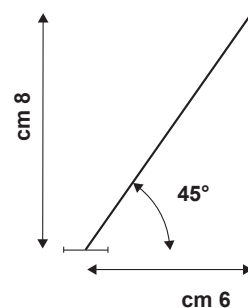


B STAINLESS STEEL BIRD SPIKE FOR SOLAR PANELS 66 PINS/MT

This bird spike is similar to the standard stainless steel model, but its pins slant in a different way. It has 66 pins per metre bent at the same angle and is designed to protect the highest edge of solar panels installed at a 30-degree angle from the ground. Suitable for all bird species.

TECHNICAL DATA

Length:	1000 mm
No. of pins:	66 in a metre
Distance between pins:	15 mm
Coverage:	60 mm
Fixing holes:	Ø 4,5 mm
BASE	
Material:	Stainless steel
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm



Code:	Pack:	Pallet:
314	50 m / carton	36 cts / pallet

BIRD CONTROL

ANTI-PERCHING SYSTEMS

STEEL

A STAINLESS STEEL BIRD SPIKE FOR SHUTTERS 66 PINS/METRE

This bird spike is similar to the standard stainless steel model, but its pins slant in a different way. It has 66 pins per metre bent at the same angle.

Attached to the front exterior of the shutters, its special shape allows the protection of the window shutter tops. Suitable for all bird species.

TECHNICAL DATA

Length:	1000 mm
No. of pins:	66 in a metre
Distance between pins:	15 mm
Coverage:	30 mm
Fixing holes:	Ø 4,5 mm

BASE

Material: Stainless steel

PINS

Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm



Code:	Pack:	Pallet:
315	50 m / carton	36 cts / pallet

B STAINLESS STEEL BIRD SPIKE 60 PINS/METRE

Bird spike with stainless steel base, particularly suitable in difficult environmental conditions such as heat, solvent pollution, etc.

For use in the presence of **medium / high bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc. The bird spike does not deform over time since the base and the pins are made of high quality stainless steel.

TECHNICAL DATA

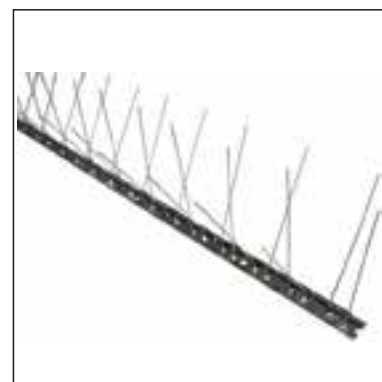
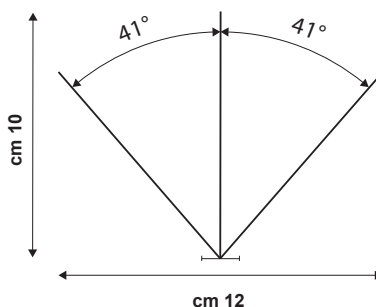
Length:	1000 mm
No. of pins:	60 in a metre
Distance between pins:	16,6 mm
Coverage:	120 mm
Fixing holes:	Ø 4,5 mm

BASE

Material: Stainless steel

PINS

Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm



Code:	Pack:	Pallet:
316	50 m / carton	36 cts / pallet

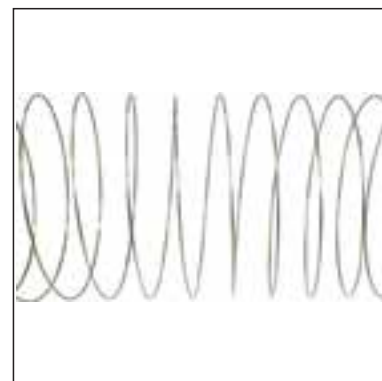
C STAINLESS STEEL SPIRAL FOR GUTTERS PROTECTION

Special spiral in harmonic stainless steel designed to protect gutters from pest birds. The spring has a wide diameter, thus allowing an easy flow of water.

Totally harmless to birds, it guarantees the protection of surfaces with a width of 10/12 cm and a length of 2/3 mt. It comes in kit with 2 fixing curls mod 51.

TECHNICAL DATA

Length:	max 4000 mm
Width:	100 mm
Thickness:	1,2 mm
Material:	Stainless steel
Nr of coils:	Approx 70
Coverage:	Ideal 2000/3000 mm



Code:	Pack:	Carton:
825	1 pc / pack	---

BIRD CONTROL

ANTI-PERCHING SYSTEMS

POLYCARBONATE + STEEL



A BIRD SPIKE WITH 80 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.

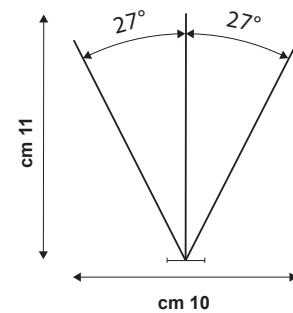
This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium / high bird infestation levels** on all types of surfaces requiring good coverage.

It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA

Length:	500 mm
No. of pins:	40 in 500 mm (80 in a metre)
Coverage:	90 mm
Fixing holes:	Ø 4 mm
BASE	
Material:	UV-treated polycarbonate
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm



Code:	Pack:	Pallet:
304	50 m / carton	20 cts / pallet



B BIRD SPIKE WITH 80 PINS / METRE

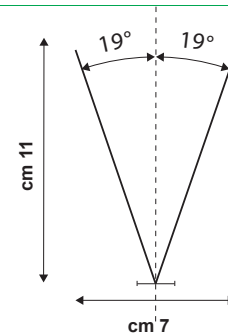
Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium / low bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA

Length:	500 mm
No. of pins:	40 in 500 mm (80 in a metre)
Coverage:	60 mm
Fixing holes:	Ø 4 mm
BASE	
Material:	UV-treated polycarbonate
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm



Code:	Pack:	Pallet:
305	50 m / carton	28 cts / pallet

BIRD CONTROL

ANTI-PERCHING SYSTEMS

POLYCARBONATE + STEEL

A BIRD SPIKE WITH 120 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **extremely high bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA

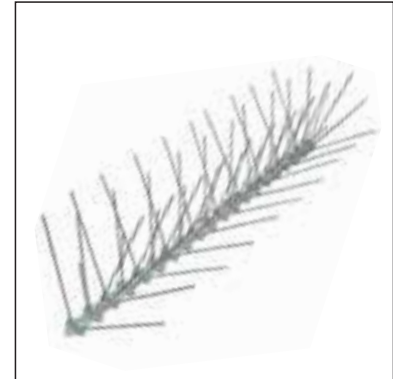
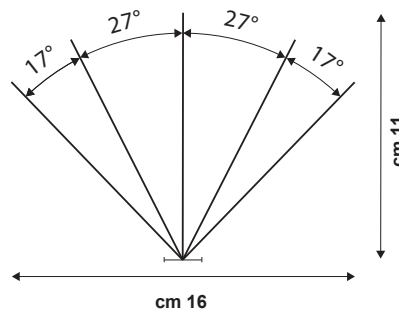
Length: 500 mm
No. of pins: 60 in 500 mm (120 in a metre)
Coverage: 160 mm
Fixing holes: Ø 4 mm

BASE

Material: UV-treated polycarbonate

PINS

Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm



Code:	Pack:	Pallet:
306	50 m / carton	12 cts / pallet

B BIRD SPIKE WITH 40 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium / low bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA

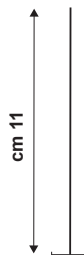
Length: 500 mm
No. of pins: 20 in 500 mm (40 in a metre)
Coverage: Longitudinal
Fixing holes: Ø 4 mm

BASE

Material: UV-treated polycarbonate

PINS

Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm



Code:	Pack:	Pallet:
307	100 m / carton	20 cts / pallet

BIRD CONTROL

ANTI-PERCHING SYSTEMS

POLYCARBONATE + STEEL



A BIRD SPIKE WITH 40 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **low bird infestation levels** on all types of surfaces. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA

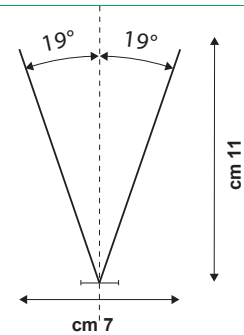
Length: 500 mm
No. of pins: 20 in 500 mm (40 in a metre)
Coverage: 60 mm
Fixing holes: \varnothing 4 mm

BASE

Material: UV-treated polycarbonate

PINS

Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm



Code:	Pack:	Pallet:
308	100 m / carton	20 cts / pallet



B BIRD SPIKE WITH 80 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium / high bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA

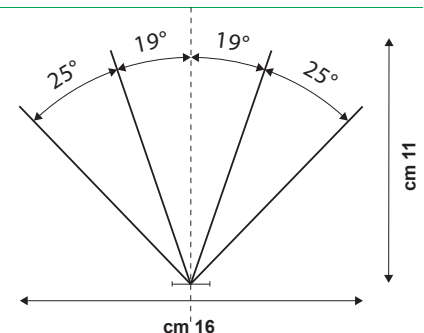
Length: 500 mm
No. of pins: 40 in 500 mm (80 in a metre)
Coverage: 160 mm
Fixing holes: \varnothing 4 mm

BASE

Material: UV-treated polycarbonate

PINS

Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm



Code:	Pack:	Pallet:
311	50 m / carton	20 cts / pallet

BIRD CONTROL

ANTI-PERCHING SYSTEMS

POLYCARBONATE + STEEL

A BIRD SPIKE WITH 80 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc. The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA

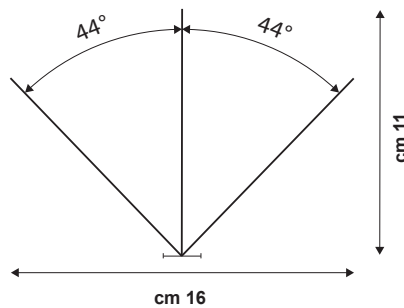
Length: 500 mm
No. of pins: 40 in 500 mm (80 in a metre)
Coverage: 160 mm
Fixing holes: Ø 4 mm

BASE

Material: UV-treated polycarbonate

PINS

Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm



Code:	Pack:	Pallet:
312	50 m / carton	12 cts / pallet



B BIRD SPIKE WITH 60 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium / low bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA

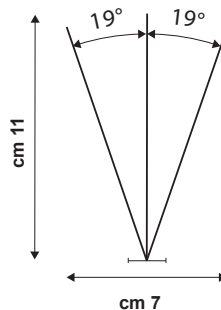
Length: 500 mm
No. of pins: 30 in 500 mm (60 in a metre)
Coverage: 60 mm
Fixing holes: Ø 4 mm

BASE

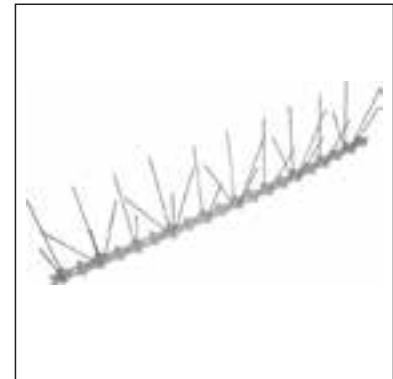
Material: UV-treated polycarbonate

PINS

Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm



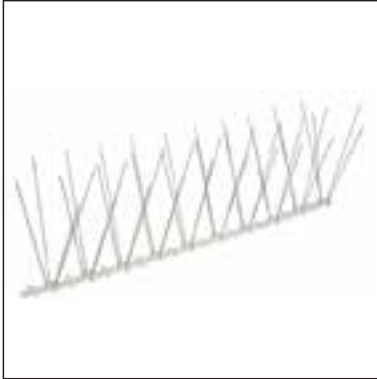
Code:	Pack:	Pallet:
360	50 m / carton	20 cts / pallet



BIRD CONTROL

ANTI-PERCHING SYSTEMS

POLYCARBONATE + STEEL



A BIRD SPIKE FOR SEAGULLS WITH 80 PINS/MT

Special development of the bird spike model 304, this item has been designed to protect surfaces from seagulls' longer legs; pins length has been increased to 160 mm to ensure maximum protection.

Suitable in the presence of **medium / high seagull infestation level** and with a perching surface of 10/15 cm. It can be fastened using silicone, screws, rivets, etc.

Made from stainless steel wires protruding from a UV stabilised polycarbonate base, this product is designed with long service life in mind.

TECHNICAL DATA

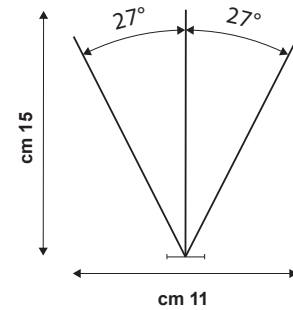
Length: 500 mm
No. of pins: 40 in 500 mm (80 in 1000 mm)
Coverage: 110 mm
Fixing holes: Ø 4 mm

BASE

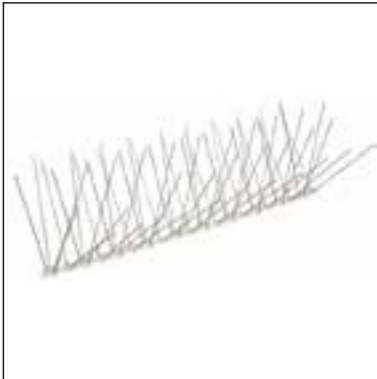
Material: UV-treated polycarbonate

PINS

Material: Stainless steel
Length: 160 mm
Diameter: 1.3 mm



Code:	Pack:	Pallet:
304G	25 m / carton	20 cts / pallet



B BIRD SPIKE FOR SEAGULLS WITH 120 PINS/MT

Special development of the bird spike model 306, this item has been designed to protect surfaces from seagulls' longer legs; pins length has been increased to 160 mm to ensure maximum protection.

Suitable in the presence of **extremely high seagull infestation levels** and with a perching surface of 20/25 cm. It can be fastened using silicone, screws, rivets, etc.

Made from stainless steel wires protruding from a UV stabilised polycarbonate base, this product is designed with long service life in mind.

TECHNICAL DATA

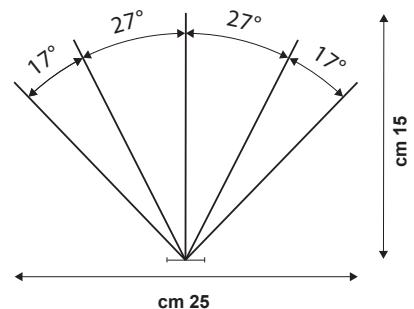
Length: 500 mm
No. of pins: 60 in 500 mm (120 in 1000 mm)
Coverage: 250 mm
Fixing holes: Ø 4 mm

BASE

Material: UV-treated polycarbonate

PINS

Material: Stainless steel
Length: 160 mm
Diameter: 1.3 mm



Code:	Pack:	Pallet:
306G	25 m / carton	20 cts / pallet

BIRD CONTROL

ANTI-PERCHING SYSTEMS

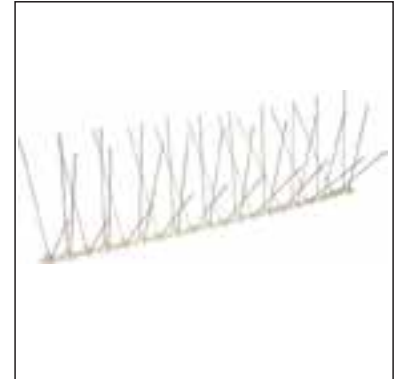
POLYCARBONATE + STEEL

A BIRD SPIKE FOR SEAGULLS WITH 80 PINS/MT

Special development of the bird spike model 311, this item has been designed to protect surfaces from seagulls' longer legs; pins length has been increased to 160 mm to ensure maximum protection.

Suitable in the presence of **medium / high seagull infestation level** and with a perching surface of 20/25 cm. It can be fastened using silicone, screws, rivets, etc.

Made from stainless steel wires protruding from a UV stabilised polycarbonate base, this product is designed with long service life in mind.



TECHNICAL DATA

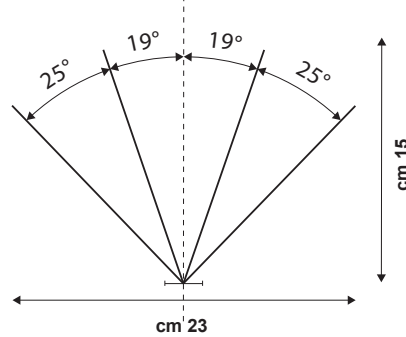
Length: 500 mm
No. of pins: 40 in 500 mm (80 in 1000 mm)
Coverage: 230 mm
Fixing holes: Ø 4 mm

BASE

Material: UV-treated polycarbonate

PINS

Material: Stainless steel
Length: 160 mm
Diameter: 1.3 mm



Code:	Pack:	Pallet:
311G	25 m / carton	20 cts / pallet



BIRD CONTROL

ANTI-PERCHING SYSTEMS

POLYCARBONATE



A POLYCARBONATE BIRD SPIKE WITH 60 PINS / METRE

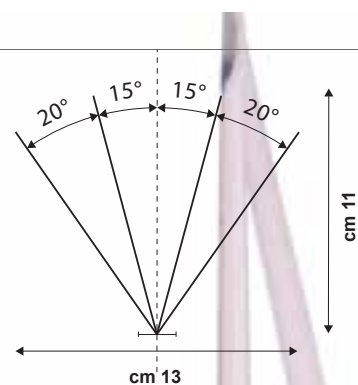
Versatile bird spike that is quick to install owing to its 500 mm length. It is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium bird infestation levels**, it is suitable for all types of surfaces that require wide coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it is entirely made of UV-treated polycarbonate that is corrosion and weather resistant. Harmless to birds.

TECHNICAL DATA

Length: 500 mm
No. of pins: 30 in 500 mm (60 in a metre)
Coverage: 130 mm
Fixing holes: \varnothing 4 mm
Material: UV-treated polycarbonate
PINS
Shape: Conical
Length: 100 mm
Diameter: From 5 to 1 mm



Code:	Pack:	Pallet:
350	50 m / carton	20 cts / pallet

BIRD CONTROL

ANTI-PERCHING SYSTEMS

OTHER MATERIALS

A COPPER BIRD SPIKE 66 PINS / METRE

Bird spike with copper base. For use in the presence of **medium bird infestation levels**, this bird spike is suitable for all types of surfaces.

It is especially recommended for use on prestigious buildings that require a nice visual impact.

It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The copper base and phosphor bronze pins provide aesthetically pleasing results.

TECHNICAL DATA

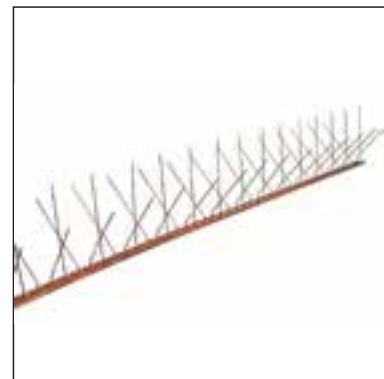
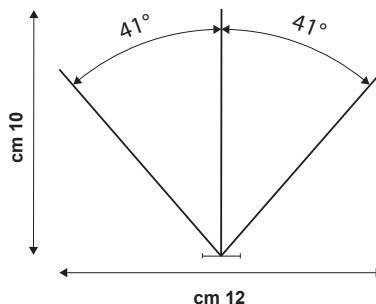
Length: 1000 mm
No. of pins: 66 in a metre
Coverage: 110 mm
Fixing holes: Ø 4,5 mm

BASE

Material: Copper

PINS

Material: Phosphor bronze
Length: 100 mm
Diameter: 1,3 mm



Code:	Pack:	Pallet:
309	50 m / carton	---

B ORNAMENTAL SPIKE 6/10 MM THICKNESS

Available in two different materials (copper and pre-painted sheet iron), this bird deterrent is suitable for use in the presence of medium bird infestation levels.

It is designed to protect the gutters and flashing of roofs.

It is especially recommended for use on prestigious buildings that require a nice visual impact.

It can be fastened using self-tapping screws, rivets, anchor screws, etc.

Fastened in the front.

TECHNICAL DATA

Length: 1000 mm
Thickness: 0.6 mm
No. of pins: 50 in a metre
Length: 60 mm
Distance between pins: 20 mm
Fixing holes: Ø 4 mm
Fixing: Frontal



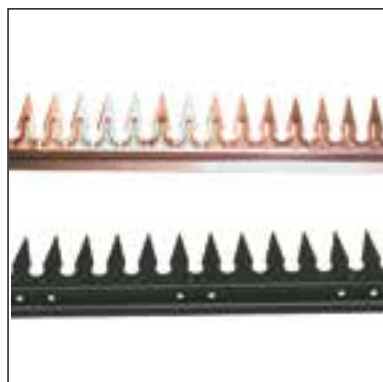
Code:	Material:	Pack:	Pallet:
601	Copper	50 m / carton	---
611	Pre-painted sheet iron	50 m / carton	---



BIRD CONTROL

ANTI-PERCHING SYSTEMS

OTHER MATERIALS



A ORNAMENTAL SPIKE 6/10 MM THICKNESS

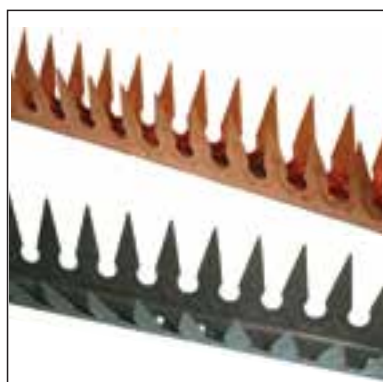
Available in two different materials (copper and pre-painted sheet iron), this bird deterrent is suitable for use in the presence of medium bird infestation levels. It is designed to protect the gutters and flashing of roofs. It is especially recommended for use on prestigious buildings that require a nice visual impact. It can be fastened using self-tapping screws, rivets, anchor screws, etc. Fastened from the top.

TECHNICAL DATA

Length: 1000 mm
Thickness: 0.6 mm
No. of pins: 50 in a metre
Length: 60 mm
Distance between pins: 20 mm
Fixing holes: Ø 4 mm
Fixing: From the top



Code:	Material:	Pack:	Pallet:
602	Copper	50 m / carton	---
612	Pre-painted sheet iron	50 m / carton	---



B ORNAMENTAL SPIKE 6/10 MM THICKNESS

Available in two different materials (copper and pre-painted sheet iron), this bird deterrent is suitable for use in the presence of medium bird infestation levels. It is designed to protect the tops of downpipes. It is especially recommended for use on prestigious buildings that require a nice visual impact. It can be fastened using self-tapping screws, rivets, anchor screws, etc. Fastened from the top.

TECHNICAL DATA

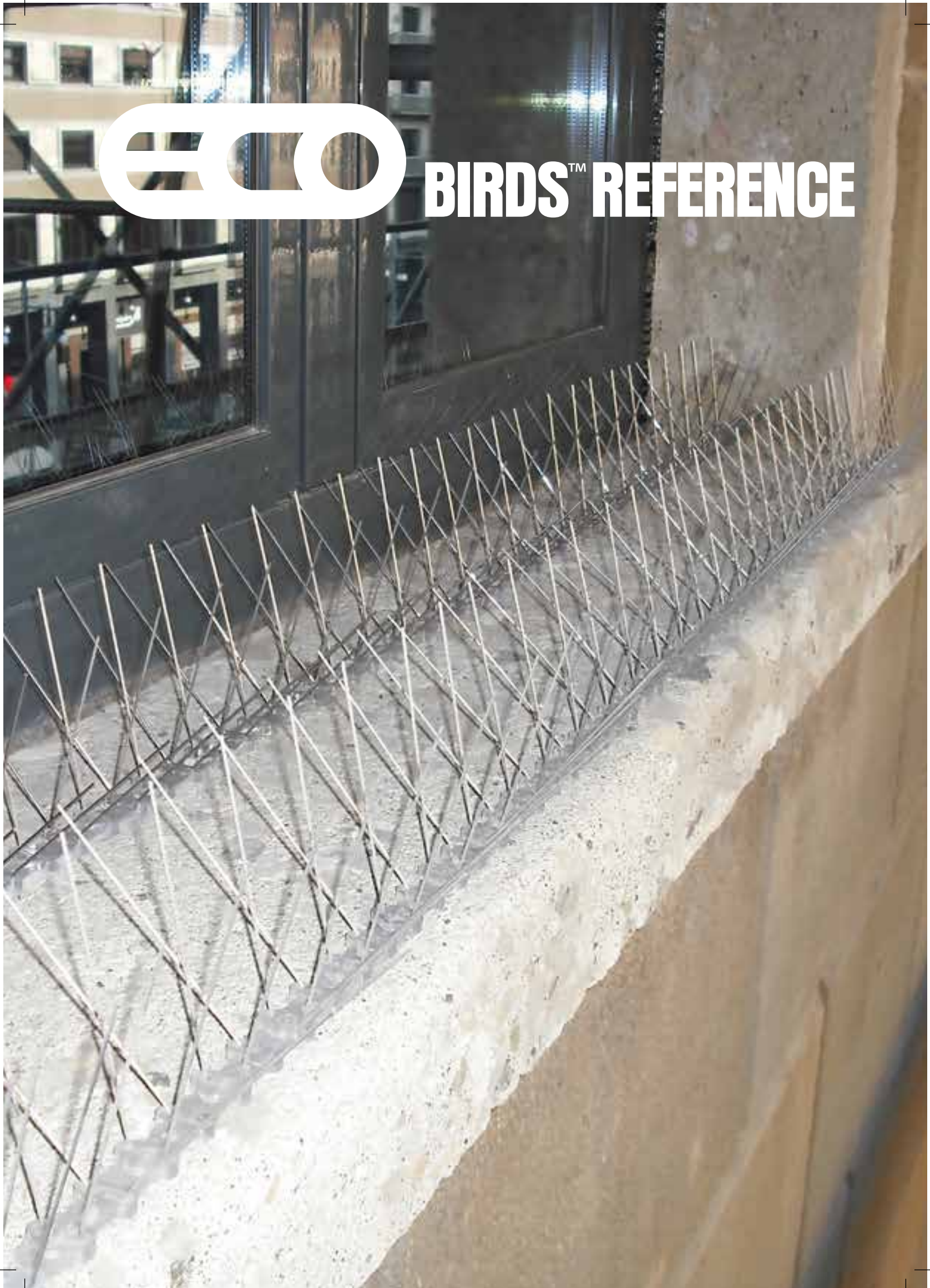
Length: 1000 mm
Thickness: 0.6 mm
No. of pins: 50 + 50 in a metre
Length: 40 mm
Distance between pins: 20 mm
Fixing holes: Ø 4 mm
Fixing: From the top



Code:	Material:	Pack:	Pallet:
603	Copper	20 m / carton	---
613	Pre-painted sheet iron	20 m / carton	---



BIRDS™ REFERENCE



BIRD CONTROL

ANTI-PERCHING SYSTEMS

BIRD WIRE



A STAINLESS STEEL WIRE 0.7 MM

Special stainless steel wire coated with UV-treated nylon. Available in practical plastic spools with 100 metres of wire.

TECHNICAL DATA

Material: Stainless steel + UV-treated sheath
Diameter: 0,7 mm
Load resistance: 22 kg

Code:	Pack:	Carton:
121	100 m / pack	---



B TIN-PLATED BRASS CRIMPS FOR 0.7 MM WIRE

Special crimps made of tin-plated brass, used to secure the stainless steel wire to the split pins or posts.

TECHNICAL DATA

Material: Tin-plated brass
Diameter: 2 mm
Length: 8 mm

Code:	Pack:	Carton:
131	100 pcs / pack	---



C NYLON ANCHOR RIVETS

Special hammer in anchor rivets with dome-shaped cap to prevent rainwater infiltration. Available in two sizes, the anchor rivets provide secure connection to the split pins and posts.

TECHNICAL DATA

Material: Nylon
Diameter: 6,5 mm

Code:	Length:	Pack:	Carton:
141	25 mm	100 pcs / pack	---
142	38 mm	100 pcs / pack	---



D STAINLESS STEEL SPLIT PINS

Standard stainless steel split pins for use as a wall anchorage point for the stainless steel wire. Perfect for mod. 141 and 142 anchor rivets.

TECHNICAL DATA

Material: Stainless steel
Diameter: 4 mm

Code:	Length:	Pack:	Carton:
151	25 mm	100 pcs / pack	---
152	38 mm	100 pcs / pack	---

BIRD CONTROL

ANTI-PERCHING SYSTEMS

BIRD WIRE

A STAINLESS STEEL SPRINGS

Stainless steel extension springs specially designed with slightly open eyelet to allow quick connection to the split pin or post.

TECHNICAL DATA

Material: Stainless steel
Diameter: 8 mm

Code:	Length:	Pack:	Carton:
161	37 mm	100 pcs / pack	---
162	20 mm	100 pcs / pack	---



B STAINLESS STEEL POSTS

Stainless steel posts with 4 mm diameter hole/s, used to anchor mod. 121 wire. They can either be fitted into the special nylon base (mod. 185) or inserted directly into nylon anchor rivets. Available with 1, 2 or 3 holes and different length.

TECHNICAL DATA

Material: Stainless steel AISI 316
Diameter: 4 mm

Code:	Length:	No. of holes:	Pack:	Carton:
169	95 mm	1	100 pcs / pack	---
170	125 mm	1	100 pcs / pack	---
171	115 mm	1	100 pcs / pack	---
172	150 mm	1	100 pcs / pack	---
173	180 mm	1	100 pcs / pack	---
174	130 mm	2	100 pcs / pack	---
175	150 mm	2	100 pcs / pack	---
176	180 mm	3	100 pcs / pack	---



C Y-SHAPED 125 MM STAINLESS STEEL POST

Special stainless steel Y-shaped bird wire post, ideal for use in situations when the number of mod. 185 bases must be optimised. With a thread on the end, it can also be screwed to a base plate.

TECHNICAL DATA

Material: Stainless steel
Diameter: 3,5 mm
Height: 125 mm
Distance between tips: 70 mm

Code:	Pack:	Carton:
177	10 pcs / pack	---



BIRD CONTROL

ANTI-PERCHING SYSTEMS

BIRD WIRE



A BIRD WIRE POSTS COMPLETE WITH BASE

Stainless steel bird wire posts with special nylon base, for quick fastening using silicone or screws on any surface.

TECHNICAL DATA

Material: Stainless steel AISI 316 + nylon base
Post diameter: 4 mm
Base dimensions: 40 x 40 mm

Code:	Post length:	Pack:	Carton:
181	95 mm	10 pcs / pack	---
182	125 mm	10 pcs / pack	---



B NYLON BASE FOR BIRD WIRE POSTS

Special nylon bases used to anchor bird wire posts on any surface. Specially designed to provide secure fixing using silicone or screws.

TECHNICAL DATA

Material: Nylon
Base dimensions: 40 x 40 mm

Code:	Pack:	Carton:
185	10 pcs / pack	---



C STAINLESS STEEL POSTS WITH CLAMP AND HORIZONTAL SCREW

Posts with clamp and screw, used to secure bird wire on the edges of gutters, etc. They have plastic pads to avoid ruining the surfaces on which they are fixed. Maximum width 20 mm.

TECHNICAL DATA

Material: Stainless steel AISI 316
Diameter: 4 mm
No. of holes: 1
Length: 95 mm
Clamp: Suitable for widths from 1 to 20 mm

Code:	Pack:	Carton:
186	10 pcs / pack	---



D STAINLESS STEEL POSTS WITH CLAMP AND VERTICAL SCREW

Posts with clamp and vertical screw, used to secure bird wire to handrails, parapets or other edges with a maximum width of 20 mm. They have plastic pads to avoid ruining the surfaces on which they are fixed.

TECHNICAL DATA

Material: Stainless steel AISI 316
Diameter: 4 mm
No. of holes: 1
Length: 95 mm
Clamp: Suitable for widths from 1 to 20 mm

Code:	Pack:	Carton:
187	10 pcs / pack	---

BIRD CONTROL

ACCESSORIES

FIXING COMPONENTS

A NYLON WALL PLUGS

Used to perfectly anchor screws to masonry walls.

TECHNICAL DATA

Material: Nylon

Code:	Dimensions:	Combine with:	Pack:	Carton
402	20 x ø 4 mm	403	100 pcs / pack	---
406	25 x ø 5 mm	407	100 pcs / pack	---



B STAINLESS STEEL SELF-TAPPING SCREWS

Stainless steel self-tapping screws with cylinder Phillips head.

TECHNICAL DATA

Material: Stainless steel

Code:	Dimensions:	Combine with:	Pack:	Carton:
403	3,0 x 20 mm	402	100 pcs / pack	---
407	3,5 x 25 mm	406	100 pcs / pack	---



C NYLON UV-TREATED CABLE TIES

Special nylon cable ties in black colour, with a highly effective fastening system and resistant to UV rays, oils, fats and solvents in general.

TECHNICAL DATA

Material: Self-extinguishing nylon
Colore: Black

Code:	Dimensions:	Pack:	Carton:
545	200 x 4,5 mm	100 pcs / pack	---
546	280 x 7,5 mm	100 pcs / pack	---
547	360 x 7,5 mm	100 pcs / pack	---



D NEUTRAL ALCOHOLIC TRANSPARENT SILICONE ADHESIVE

Used to fix bird spikes or as an adhesive on any surface.

TECHNICAL DATA

Material: High quality neutral reticulation single-compound
Colour: Transparent
Cartridge content: 310 ml

Code:	Pack:	Carton:
463	1 pc / pack	24 pcs / carton

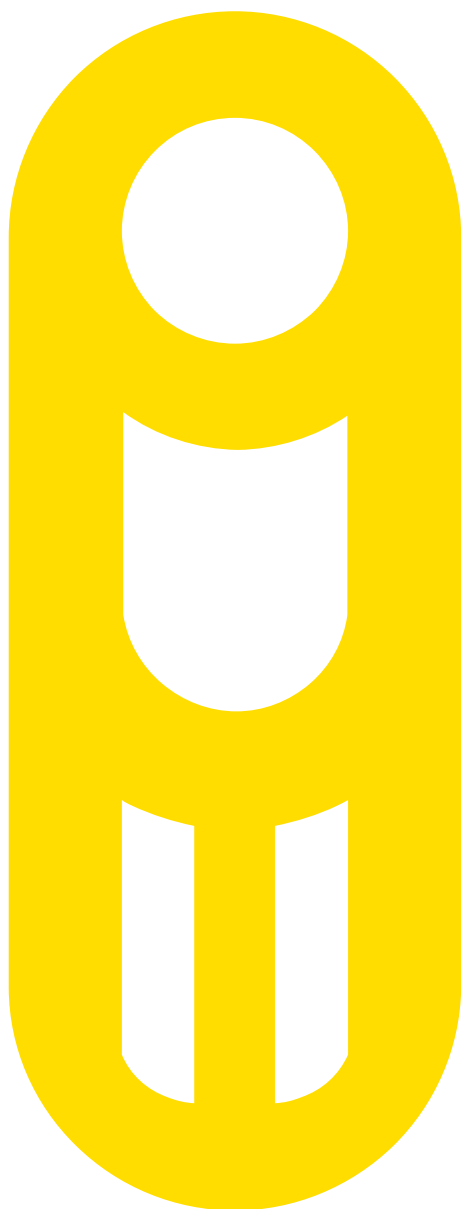


BIRD CONTROL

ELECTRIC LINE

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INSTALLATION TIPS	36

BIRDS





BIRD CONTROL

ELECTRIC LINE

ENERGISERS



A ELECTRONIC CONTROL BOX

This new electronic energiser has been designed to power our electric line in an extremely easy way; it is a plug-and-play version that simply needs to be plugged to a power socket to start working. Sturdy and reliable, it has one channel. It is available in three models, to power lines up to 1500 mt.

TECHNICAL FEATURES (CE NORMS)

Power supply:	220 V
Frequency:	50 Hz
Absorption:	30 - 45 mA
Output voltage:	6.0 - 10.0 KV
Output energy:	0.5 - 1.0 J according to the model
Impulse interval:	> 1 second
Operating temperature range:	Min. -20°C max +50°C

STRUCTURAL FEATURES

Insulation class:	IP54
Fire resistance:	Self-extinguishing
Water absorption resistance:	45 mg
Flow passage resistance:	180 KV/cm ²
Shock resistance:	50 kg/cm ²
Temperature resistance:	Min. -25°C max +120°C
Dimensions:	170 x 140 x 80 mm

Code:	Electric line:	Pack:	Carton:
205 F	up to 300 mt	1 pc / pack	---
505 F	up to 600 mt	1 pc / pack	---
905 F	up to 1500 mt	1 pc / pack	---

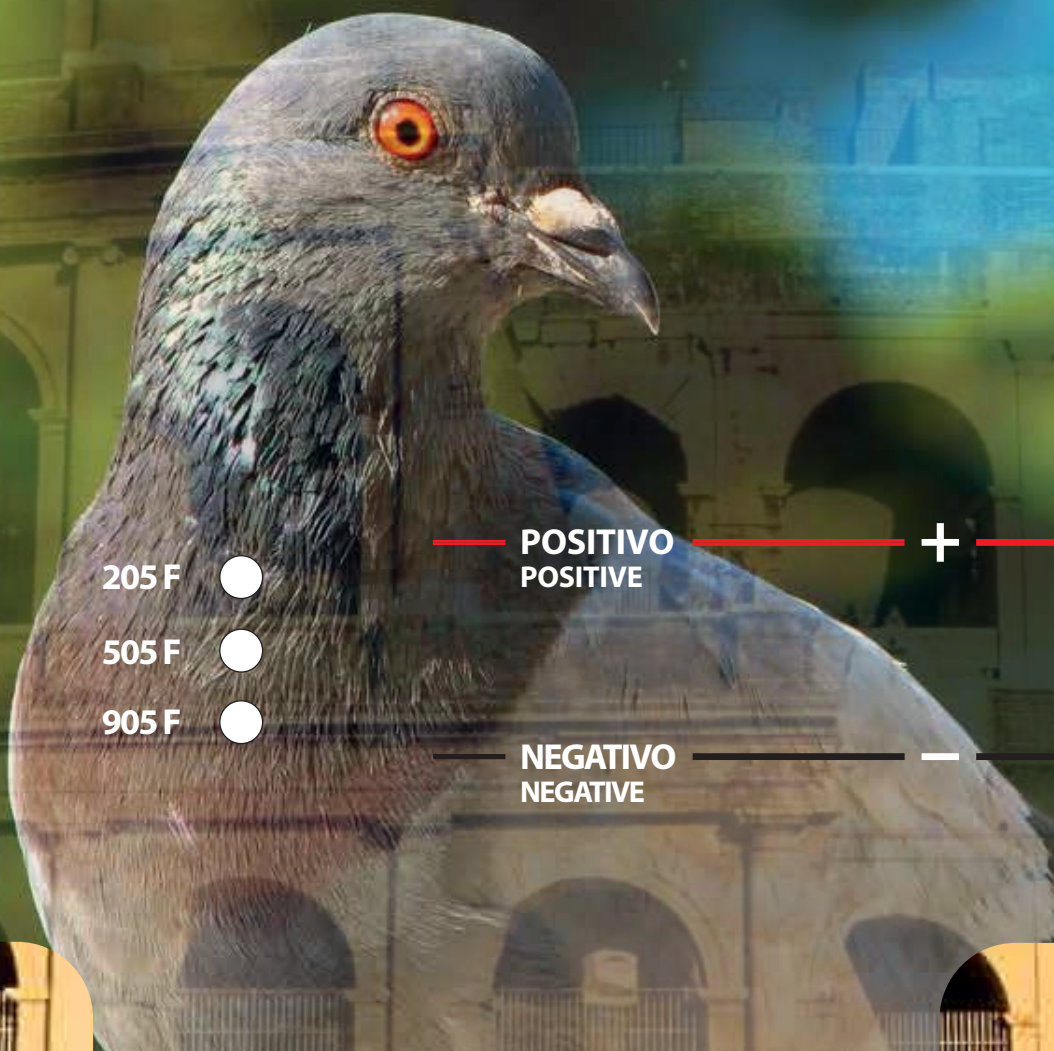


BY POPULAR DEMAND, THE UPDATED ENERGISER OF THE OLD ELECTRONIC SERIES IS BACK!

PLUG AND PLAY,
RELIABLE,
POWERFUL,
UNIQUE

ECO BIRDS[®]

CENTRALINA ELETTRONICA PER IMPIANTI ANTIVOLATILI



205 F ●

505 F ●

905 F ●

POSITIVO
POSITIVE

+

NEGATIVO
NEGATIVE

-

BIRD CONTROL

ELECTRIC LINE

ENERGISERS



A DIGITAL CONTROL BOX

The only control box on the market with two separate channels.

The 4th generation ECOBIRDS electronic bird control system features a digital control box with a "user-friendly" interface to set all the function parameters and to monitor the correct functioning of the electric lines.

The total impulse energy can be digitally adjusted from a minimum of 1 J to maximum 5 J.

The time interval between the impulses can also be adjusted so that each system is tailored to real needs.

In the event of a short circuit, the control box signals the problem through a LED positioned on the lid and/or by sending an SMS to the mobile phone of the operator responsible for the system's maintenance (for the optional mod. GSM).

Power supply: 110V or 220V AC 50/60 Hz

Impulse: two separate channels with independent programming

Software-controlled power

Automatic counting of the distance of short circuit from the control box: after setting simple parameters, this function allows you to identify the exact position of the short circuit expressed in metres from the beginning of the line.

Default settings that can be modified to suit personal preferences after entering password

3-digit interface display with 3 buttons

Possibility of customising cover

EC Certificate of Conformity and electromagnetic compatibility provided upon request

DIGITAL PROGRAMMING WITH 3-DIGIT DISPLAY
PASSWORD FOR MODIFICATION OF DEFAULT PARAMETERS

TECHNICAL DATA (EC standards)

Power supply: 110V/220V

Mains frequency: 50 Hz

Absorption: 25-45 mA

Power consumption: 11 VA peak; average 1.5W/h with AC power

Operating voltage: 12 V

Operating output voltage: 4,0 KV – 12 KV

Output energy: 1-5 J

Interval between impulses: 0-100 seconds

Operating temperature: Min. -20°C max +50°C

STRUCTURAL FEATURES

Insulation class: IP55

Fire resistance: Self-extinguishing

Water absorption resistance: 45 mg

Flow passage resistance: 180 KV/cm²

Shock resistance: 50 kg/cm²

Temperature resistance: Min. -25°C max +120°C

Dimensions: 170 x 140 x 80 mm

Code:	Electric line:	Battery:	Pack:	Carton:
205	up to 200 m	Optional	1 pc / pack	---
505	up to 500 m	Optional	1 pc / pack	---
905	up to 1000 m	Optional	1 pc / pack	---
205GSM	up to 200 m	Optional	1 pc / pack	---
505GSM	up to 500 m	Optional	1 pc / pack	---
905GSM	up to 1000 m	Optional	1 pc / pack	---



BIRDS™ REFERENCE



BIRD CONTROL

ELECTRIC LINE

LINE COMPONENTS



A COMPLETE ELECTRIC LINE KIT

This kit is specifically designed for 75 metres of electric line and is composed by stainless steel rods, polycarbonate support clamps and stainless steel threaded bushes.

TECHNICAL DATA

One kit includes: 100 pcs of threaded bushes made of stainless steel AISI 304 (mod. 410)
225 pcs of polycarbonate support bases (mod. 420)
150 linear mt of rods made of annealed stainless steel AISI 304 (mod. 430)

Code:	Pack:	Carton:
499	75 m / pack	---



B STAINLESS STEEL THREADED BUSHES FOR 3 MM RODS

For the quick connection of the rods making up the electric line. This through hole threaded bush is a safe and fast way to connect without danger of current leakage.

Specially designed to facilitate installation, the bush is countersunk on one side, which helps insert the rod even in difficult situations.

TECHNICAL DATA

Material: Stainless steel AISI 304
Diameter: 5 mm
Length: 10 mm
Thread pitch: M3

Code:	Pack:	Carton:
410	100 pcs / pack	---



C SUPPORT CLAMPS FOR 3 MM RODS

Supports used to anchor the rods making up the electric line. Suitable for all surfaces, these clamps are to be used for 3 mm diameter rods and can be fastened with rivets, screws and silicone. They feature two posts at different heights, so that the rods can be quickly installed using simple finger pressure. Use one every 30-35 cm.

TECHNICAL DATA

Material: High quality UV-protected polycarbonate
Height of posts: 25 mm / 10 mm
Base dimensions: 25 x 20 mm
Slot: 11 x 4 mm

Code:	Pack:	Carton:
420	225 pcs / pack	---



NEW

D READY-TO-USE BARS WITH POLYCARBONATE SUPPORTS

These special long-lasting aluminium bars are already prepared with one riveted polycarbonate base mod 420 every 30 cm. Available in practical 6 mt rolls, mod 498 is a very useful solution for areas where frequent drilling is not allowed nor possible, such as: roof with tiles and pantiles, narrow roof ridges, eaves and ledges made of porous or pierced materials, etc.

TECHNICAL DATA

Material: Aluminium
Bar dimensions: 6000 x 25 x 2 mm
Number of bases: 20

Code:	Pack:	Carton:
498	6 m / pack	---

BIRD CONTROL

ELECTRIC LINE

LINE COMPONENTS

A THREADED RODS FOR ELECTRIC LINE

Annealed stainless steel - Threaded on the ends

Rod for electric line, threaded on the ends so that each can be connected to another with the threaded bushes. Together with the special support clamps, this system reduces installation time by approx. 30-40% compared with other methods available on the market. The rod is made of annealed stainless steel so that it is easier to make curves.

TECHNICAL DATA

Length: 1500 mm
Diameter: 3 mm
Thread pitch: M3
Thread length: 5 mm

Code:	Material:	Pack:	Tube:
430	Annealed stainless steel AISI 304	150 m / pack	100 pcs
431	Annealed stainless steel AISI 316	150 m / pack	100 pcs



B THREADED RODS FOR BRANCHES

Special rods threaded on the ends, used for branches, connections, etc.

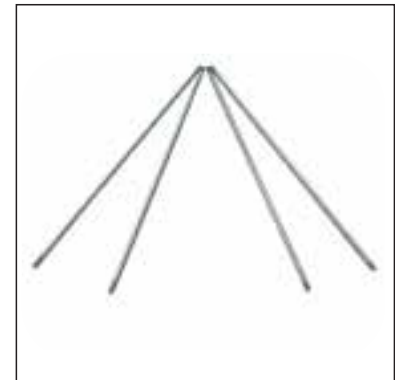
On one end of the rod, the thread is 5 mm long just like the 150 cm rods of the electric line, while the thread on the other end is 10 mm long for multiple connections requiring more than one cable terminal.

TECHNICAL DATA

Material: Annealed stainless steel AISI 304
Length: 200 mm
Diameter: 3 mm
Thread pitch: M3
Thread length: 5 mm - 10 mm



Code:	Pack:	Carton:
440	10 pcs / pack	---



C STAINLESS STEEL SPRINGS

Stainless steel springs for the connection of the electric line 3 mm rods.

TECHNICAL DATA

Material: Stainless steel AISI 304
Length: 35 mm
Wire diameter: 0.8 mm
Spring outer diameter: 4.5 mm
Spring inner diameter: 2.9 mm
Number of coils: 28

Code:	Pack:	Carton:
412	100 pcs / pack	---



NEW

D STAINLESS STEEL 3 MM BRANCH RINGS

Used to create branches of the electric line during installation.

Branch rings allow installers to create numerous branches, even in narrow places.

TECHNICAL DATA

Material: Stainless steel AISI 316
Inner diameter: 6 mm
Length: 9 mm
Fastening: 1 stainless steel M4 Allen screw

Code:	Pack:	Carton:
413	50 pcs / pack	---



BIRD CONTROL

ELECTRIC LINE

LINE COMPONENTS



A CABLE EYE TERMINALS

Used to connect the high voltage cable to the rod.

TECHNICAL DATA

Material: Tin-plated copper
Length: 9 mm
Eyelet diameter: 3,2 mm

Code:	Pack:	Carton:
414	100 pcs / pack	---



B HEAT-SHRINK SHEATH

Used to protect mod. 414 cable eye terminals against weather conditions and UV rays.

TECHNICAL DATA

Length: 1220 mm

Code:	Diameter:	Pack	Carton
415	6 mm	6 pcs / pack	---
415B	9 mm	6 pcs / pack	---



C STAINLESS STEEL THREADED NUTS

Used to connect the cable terminals mod 414 to the rods.

TECHNICAL DATA

Material: Stainless steel
Thread pitch: M3

Code:	Pack:	Carton:
416	100 pcs / pack	---



D HIGH VOLTAGE CABLE

Dual polarised high voltage cable, light grey in colour, with the positive wire striped dark grey.

TECHNICAL DATA

Material: Twisted and insulated pure copper conductor.
Polythene insulation 7/0.3 mm (0.5mm²).
Colour: Light grey
Operating temp.: Max 70° C
Operating voltage: Max 25 KV



Code:	Pack:	Carton:
480	50 m / pack	---

BIRD CONTROL

ELECTRIC LINE

LINE COMPONENTS

A CABLE FASTENERS

Specially designed to anchor mod. 480 high voltage cable.

TECHNICAL DATA

Material: UV-protected polycarbonate
Hole size: 4 mm
Length: 24 mm
Width: 10 mm



Code:	Pack:	Carton:
481	100 pcs / pack	---



B MAMMOTH CLAMPS FOR 3 MM RODS

Mammoth clamp for the connection of non-threaded rods of the electric line.

TECHNICAL DATA

Material: Tin-plated brass
Dimensions: 14 x 5 mm
Inner diameter: 3,2 mm
Fastening: 2 stainless steel M3 Allen screws



Code:	Pack:	Carton:
490	100 pcs / pack	---



C DANGER SIGNS

Used to indicate the presence of a high voltage electric line.

TECHNICAL DATA

Material: PVC
Dimensions: 80 x 55 mm

Code:	Language:	Pack:	Carton:
425	Italian	20 pcs / pack	---
426	English	20 pcs / pack	---
427	French	20 pcs / pack	---
428	Spanish	20 pcs / pack	---



BIRD CONTROL

ELECTRIC LINE

LINE COMPONENTS



A STAINLESS STEEL WIRE IN 1.3 MM RODS

Stainless steel wire with 1.3 mm diameter, suitable for the protection of statues, column capitals, ornaments, etc.. Available in practical 1.5 metre rods.

TECHNICAL DATA

Material: Stainless steel AISI 304
Length: 1500 mm
Diameter: 1,3 mm

Code:	Pack:	Tube:
451	300 m / pack	200 pcs



B MICRO MAMMOTH CLAMPS FOR 1.3 MM WIRE

Micro-sized mammoth clamp for the proper connection of the steel wire rods. Also used to create branches in mini electric line.

TECHNICAL DATA

Material: Nickel-plated brass
Dimensions: 10 x 4,5 mm
Inner diameter: 3,0 mm
Fastening: 2 stainless steel M3 Allen screws

Code:	Pack:	Carton:
452	100 pcs / pack	---



C PIN TERMINALS FOR MINI LINE

Pre-insulated push-rod terminal for the connection of the high voltage cable to the wire of the electric line MINI. To use with mod. 452 mammoth clamp.

TECHNICAL DATA

Material: Tin-plated copper
Length: 10 mm
Pin diameter: 1,8 mm

Code:	Pack:	Carton:
454	100 pcs / pack	---



D SUPPORT CLAMPS FOR 1.3 MM WIRE

Support clamp for electric line. It is designed to be fixed to any surface with anchor screws, silicone, rivets, etc. Can be used only with 1.3 mm diameter wire (mod 451).

TECHNICAL DATA

Material: High quality UV-protected polycarbonate
Height of posts: 15,8 mm
Base dimensions: 20 x 23 mm
Slot: 11 x 3 mm

Code:	Pack:	Carton:
456	225 pcs / pack	---

BIRD CONTROL

ELECTRIC LINE

FIXING COMPONENTS

A NYLON WALL PLUGS

Used to perfectly anchor screws to masonry walls.

TECHNICAL DATA

Material: Nylon

Code:	Dimensions:	Combine with:	Pack:	Carton:
402	20 x ø 4 mm	403	100 pcs / pack	---
406	25 x ø 5 mm	407	100 pcs / pack	---



B SELF-TAPPING SCREWS

Stainless steel self-tapping screws with cylinder Phillips head.

TECHNICAL DATA

Material: Stainless steel

Code:	Dimensions:	Combine with:	Pack:	Carton:
403	3,0 x 20 mm	402	100 pcs / pack	---
407	3,5 x 25 mm	406	100 pcs / pack	---



C NYLON UV-TREATED CABLE TIES

Special nylon cable ties, with a highly effective fastening system and resistant to UV rays, oils, fats and solvents in general.

TECHNICAL DATA

Material: Self-extinguishing nylon
Colour: Black

Code:	Dimensions:	Pack:	Carton:
545	200 x 4,5 mm	100 pcs / pack	---
546	280 x 7,5 mm	100 pcs / pack	---
547	360 x 7,5 mm	100 pcs / pack	---



D NEUTRAL ALCOHOLIC TRANSPARENT SILICONE ADHESIVE

Rapid silicone with neutral reticulation, transparent in colour, anti-UV, anti-mildew, for use on any surface. Suitable for outdoor use.

Used to fix the support clamps of the electric line or as an adhesive on any surface.

TECHNICAL DATA

Material: High quality neutral reticulation single-compound
Colour: Transparent
Cartridge content: 310 ml

Code:	Pack:	Carton:
463	1 pc / pack	24 pcs / carton



BIRD CONTROL

ELECTRIC LINE INSTALLATION TIPS

THE POWER BOX



The very first step is to find out the best place where to install the power box. Its IP protection degree is 55; so it can be located also outdoor. However, we suggest, where possible, to install the power box in a sheltered and easy to reach spot, possibly close to the beginning of the electric line. The most common spot is right under the roof, close to the TV aerials, so it is possible to use the same electricity plug; as an alternative, the power box is frequently positioned close to instrument panels such as phone, electricity, etc. Try to keep them away from kids and sensitive areas. The final test and checking of all the power box parameters will be done once the whole line will be installed. The power boxes need a password to have access to the programme area. Give it only to qualified personnel; do not write it on the instruction manual you leave to your customer; remember that any modification of the parameters made by non professional personnel could damage the power box and cause malfunctioning of the line.

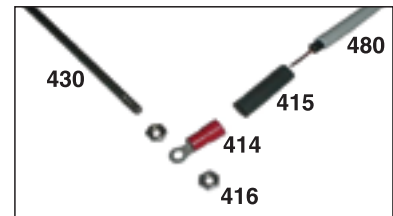
THE CABLE

Once the power box is positioned, connect the high tension cable Mod. 480 following the instructions that are attached to any power box. Unroll the cable from the power box up to the beginning of the line; we recommend to fix the cable by means of the polycarbonate supports Mod. 481.



CONNECTION CABLE/RODS

Peel the cable by means of the cable stripper Mod. 482; crimp one cable terminal Mod 414 to each pole, then cover it with the UV-treated heat shrinking sheathings Mod. 415-415B. Connect the positive pole to the rod inserted in the upper part of the polycarbonate support Mod.420 by means of two stainless steel nuts Mod. 416, following the sequence rod, nut, cable terminal, nut.



POLYCARBONATE SUPPORT BASES



Position one base Mod. 420 every 33 cm in case of pigeons and one every 25 cm in presence of seagulls. Remember to install the lower part of the base outwards, facing the direction where birds come from.

BIRD CONTROL

ELECTRIC LINE INSTALLATION TIPS

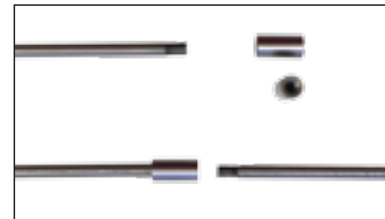
STAINLESS STEEL RODS

Once the bases have been fixed to the surface, then simply press with fingers the rods into the posts, starting from those connected to the high tension cable.

WARNING: the positive pole will ALWAYS be positioned in the upper part and the negative one in the lower part. It is recommended to avoid the contact between the negative rod and the surface of the building; however, even in case of accidental contact, the line will not be damaged.

The rods will be connected to each other by means of the stainless steel threaded bushes Mod.410.

This special device has been specifically designed to make the connection easier and faster; on one side, the hole is cone shaped in order to help the insertion of the next rod. It is recommended to insert all the bushes on the rods when they are still inside the packaging tube, leaving the cone-shaped side outwards. This will help you to save time. In some circumstances, it could be necessary to connect two rods without thread. In these cases, use the special mammoths Mod.490.



LINE DERIVATIONS

In some situations, such as lines on different levels, it could be necessary to make derivations to the main line. The ring shunts Mod. 413 are specifically meant for this purpose and, thanks to their stainless steel grain, guarantees a sure fastening and contact between the rods. Bend the new rods at 90° degrees and connect them to the main line with Mod. 413.

The derivation line can run parallel to the main one in case of wide surfaces or point up to a second level, both directly or by means of a High Tension cable connected to the rods as previously described.

In case of multiple cable derivations, it is recommended to use the special rods mod 440, with longer threads.

WARNING: make sure that, when the rods cross each other at derivations, the distance between them is sufficient to avoid an accidental short circuit.



DANGER SIGNS



It is recommended to put some danger signs along the line for signalling its presence. They are available in Italian, English, French and Spanish. They are not required by law in Italy, yet they represent a useful device to avoid accidental contact with the electric line.

IMPORTANT: the tension on the line has high voltage but VERY LOW AMPERAGE; so it is not dangerous for human beings, animals, etc. However, in case of accidental contact, the person maintaining roof, gutters, etc. could get scared and fall from the stairs.

THE FINAL CHECK

The final test should be made by a qualified technician.

All the passages and single components of the line must be checked. The power box must be positioned in a proper place (see previous paragraph) and must produce current continuously, with no interruptions; no short circuit signal must be on. In case the default parameters of the power box have been changed, then a check must be done on its programming. Check that the whole line is properly and safely fixed to the area to be protected by means of weather resistant accessories. Check all the connections and derivations, so that no tension dispersion can occur on the line. Verify that there is a minimum acceptable distance between the positive pole and the protected building. Check all the High Voltage cable connections and the cable/rods connections; they must be done according to the instructions in the previous paragraph. Check the tension on the line; it should approximately correspond to what programmed on the power box. Do not forget that tension dispersion can occur and vary according to the length of the line, the weather conditions (humidity, etc) and the number of connections and derivations. Once you checked all the above-mentioned parameters, then you can declare that the system is conform. The guarantee will start from the date of this official final check.

BIRD CONTROL

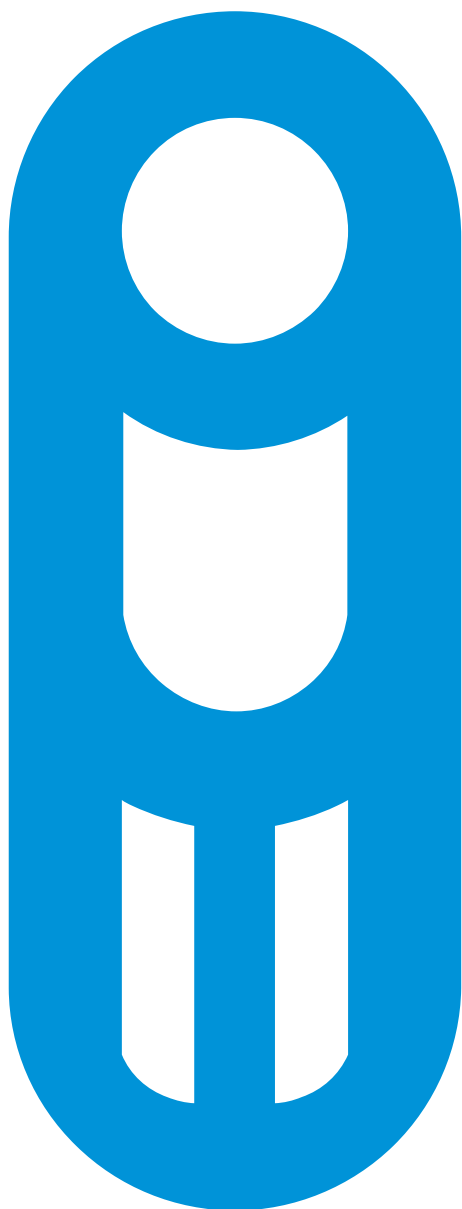
ANTI-INTRUSION SYSTEMS

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BIRDS

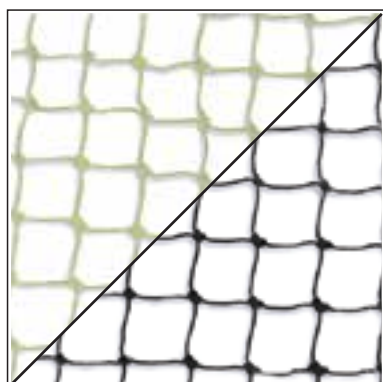




BIRD CONTROL

ANTI-INTRUSION SYSTEMS

POLYETHYLENE NETS



A 19 MM MESH NET

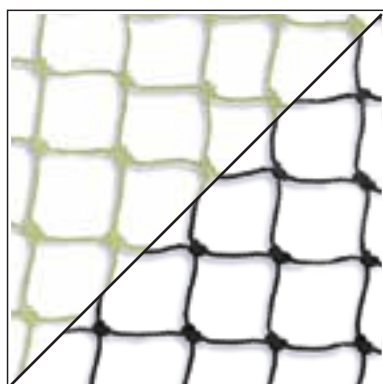
Knotted anti-intrusion net made of UV-treated polyethylene, with 19 mm mesh suitable for protection against sparrows. Its special stranded threads (12/6) ensure excellent resistance to tensile stress. The net is easy to install and is particularly recommended to close windows, openings, etc., creating a safe barrier from the intrusion of sparrows.

Available in two colours - stone and black - and in various sizes to facilitate the installer's work.

TECHNICAL DATA

Material: UV-treated polyethylene
Kind: Twisted twine 6 strands thick (12/6)
Mesh size: 19 mm

Code:	Colour:	Dimensions:	Pack:	Pallet:
3341	Stone	5 x 5 m	25 m ²	---
3345	Stone	10 x 10 m	100 m ²	---
3348	Stone	15 x 15 m	225 m ²	---
3351	Stone	20 x 20 m	400 m ²	---
3358SM	Stone	Cut to size	---	---
3358SMEX*	Stone	Cut to size out of standard > 20 m	---	---
4441	Black	5 x 5 m	25 m ²	---
4445	Black	10 x 10 m	100 m ²	---
4448	Black	15 x 15 m	225 m ²	---
4451	Black	20 x 20 m	400 m ²	---
4458SM	Black	Cut to size	---	---
4458SMEX*	Black	Cut to size out of standard > 20 m	---	---



B 28 MM MESH NET

Knotted anti-intrusion net made of UV-treated polyethylene, with 28 mm mesh suitable for protection against starlings. Its special stranded threads (12/6) ensure excellent resistance to tensile stress. The net is easy to install and is particularly recommended to close windows, openings, etc., creating a safe barrier from the intrusion of starlings.

Available in two colours - stone and black - and in various sizes to facilitate the installer's work.

TECHNICAL DATA

Material: UV-treated polyethylene
Kind: Twisted twine 6 strands thick (12/6)
Mesh size: 28 mm

Code:	Colour:	Dimensions:	Pack:	Pallet:
5541	Stone	5 x 5 m	25 m ²	---
5545	Stone	10 x 10 m	100 m ²	---
5548	Stone	15 x 15 m	225 m ²	---
5551	Stone	20 x 20 m	400 m ²	---
5558SM	Stone	Cut to size	---	---
5558SMEX*	Stone	Cut to size out of standard > 20 m	---	---
6641	Black	5 x 5 m	25 m ²	---
6645	Black	10 x 10 m	100 m ²	---
6648	Black	15 x 15 m	225 m ²	---
6651	Black	20 x 20 m	400 m ²	---
6658SM	Black	Cut to size	---	---
6658SMEX*	Black	Cut to size out of standard > 20 m	---	---

* Cut to size with one side larger than 20 m are out of standard

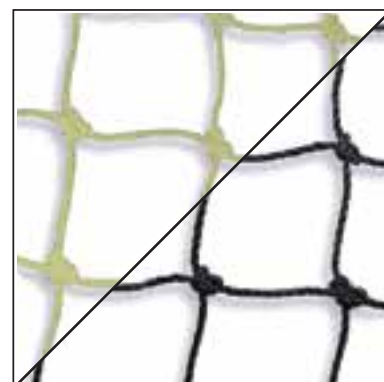
BIRD CONTROL

ANTI-INTRUSION SYSTEMS

POLYETHYLENE NETS

A 50 MM MESH NET

Knotted anti-intrusion net made of UV-treated polyethylene, with 50 mm x 50 mm mesh, suitable for protection against pigeons. Its special stranded threads (12/6) ensure excellent resistance to tensile stress. The net is easy to install and is particularly recommended to close windows, openings, etc., creating a safe and practically invisible barrier from the intrusion of pigeons. Available in two colours - stone and black - and in various sizes to facilitate the installer's work.



TECHNICAL DATA

Material: UV-treated polyethylene
 Kind: Twisted twine 6 strands thick (12/6)
 Mesh size: 50 mm

STONE

Code:	Colour:	Dimensions:	Pack:	Pallet:
7741	Stone	5 x 5 m	25 m ²	---
7742	Stone	5 x 10 m	50 m ²	---
7743	Stone	5 x 15 m	75 m ²	---
7744	Stone	5 x 20 m	100 m ²	---
7745	Stone	10 x 10 m	100 m ²	---
7746	Stone	10 x 15 m	150 m ²	---
7747	Stone	10 x 20 m	200 m ²	---
7748	Stone	15 x 15 m	225 m ²	---
7749	Stone	15 x 20 m	300 m ²	---
7750	Stone	15 x 25 m	375 m ²	---
7751	Stone	20 x 20 m	400 m ²	---
7752	Stone	20 x 25 m	500 m ²	---
7753	Stone	25 x 30 m	750 m ²	---
7754	Stone	30 x 30 m	900 m ²	---
7755	Stone	25 x 25 m	625 m ²	---
7756	Stone	20 x 30 m	600 m ²	---
7758SM	Stone	Cut to size	---	---
7758SMEX*	Stone	Cut to size out of standard > 30 m	---	---

BLACK

Code:	Colour:	Dimensions:	Pack:	Pallet:
8841	Black	5 x 5 m	25 m ²	---
8842	Black	5 x 10 m	50 m ²	---
8843	Black	5 x 15 m	75 m ²	---
8844	Black	5 x 20 m	100 m ²	---
8845	Black	10 x 10 m	100 m ²	---
8846	Black	10 x 15 m	150 m ²	---
8847	Black	10 x 20 m	200 m ²	---
8848	Black	15 x 15 m	225 m ²	---
8849	Black	15 x 20 m	300 m ²	---
8850	Black	15 x 25 m	375 m ²	---
8851	Black	20 x 20 m	400 m ²	---
8852	Black	20 x 25 m	500 m ²	---
8853	Black	25 x 30 m	750 m ²	---
8854	Black	30 x 30 m	900 m ²	---
8855	Black	25 x 25 m	625 m ²	---
8856	Black	20 x 30 m	600 m ²	---
8858SM	Black	Cut to size	---	---
8858SMEX*	Black	Cut to size out of standard > 30 m	---	---

* Cut to size with one side larger than 30 m are out of standard

BIRD CONTROL

ANTI-INTRUSION SYSTEMS

POLYETHYLENE NETS

TECHNICAL DATA SHEET 50 MM NET

PIGEON CONTROL NET 12/6 UV-TREATED POLYETHYLENE

Mesh size:	50 mm
Weight:	21,4 g/mq
Colour:	Black/stone
Knot breaking strength:	> 10 kg
Tensile breaking strength:	> 15%
Maximum working temperature:	85°C
UV protection:	2% 540 kLy
Fire protection:	5% GP flame retardant UNI 9174 (class 1 ITA)
Maximum breaking load:	40 kg/mq

CORD 12/6 UV-TREATED POLYETHYLENE

Material:	High density polyethylene HDPE + 2% UV + 5% GP
Length/weight ratio:	2283 m/kg
Weight per m ² :	22 g
Twists:	190 twists/m ±10%
Diameter:	1 mm ±8%
Breaking strength:	> 12 kg
Elongation:	> 150%
Tenacity:	> 3 g/den



NYLON NETS



A 50 MM TRANSPARENT KNOTTED NET

Knotted anti-intrusion net made of nylon, with 50 mm x 50 mm mesh. The net is easy to install and particularly recommended to close windows, openings, etc., creating a practically invisible barrier from the intrusion of pigeons.

Available in 10 x 10 metre pieces (100 m²).

TECHNICAL DATA

Material:	Nylon
Colour:	Transparent
Mesh:	50 mm
Dimensions:	10 x 10 m

Code:	Pack:	Carton:
8945	100 m ²	---

BIRD CONTROL

ANTI-INTRUSION SYSTEMS

METAL NETS

A COPPER EXPANDED NET

Diamond anti-intrusion net made from copper expanded mesh, this net has a pleasant visual impact. Particularly suitable for the protection of chimneys, small openings, etc. Available only in 1x10 metre rolls.

TECHNICAL DATA

Material: Copper
Thickness: 1 mm
Mesh: 14 mm diamond shaped
Dimensions: 1 x 10 m

Code:	Pack:	Carton:
9771	10 m ²	---



B STAINLESS STEEL EXPANDED NET

Diamond anti-intrusion net made from stainless steel expanded mesh. It has the same characteristics as the copper expanded net, but it is harder owing to the quality of stainless steel.

TECHNICAL DATA

Material: Stainless steel
Thickness: 1 mm
Mesh: 14 mm diamond shaped
Dimensions: 1 x 10 m

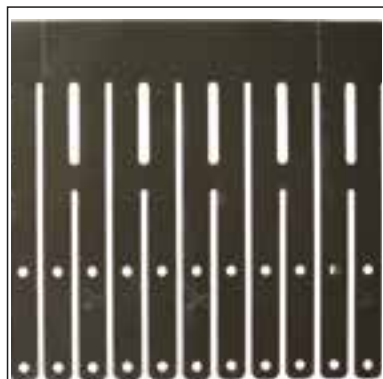
Code:	Pack:	Carton:
9772	10 m ²	---



BIRD CONTROL

ANTI-INTRUSION SYSTEMS

BARRIERS



A BUDDYSUN – BIRD BARRIER FOR SOLAR PANELS

BUDDYSUN is the innovative Ecobirds patent, specifically designed to protect the area between the roof and the solar panels installed on top of it. It prevents birds from accessing and building nests under the panels. It has a special shape that easily adapts to the different undulations of roofs. It can be easily fastened to the panel with no need of drilling and no use of rivets and screws. The new 3.0 version has been developed to make the installation even faster than before, thanks to the new BUDDYTAPE (code 805). This high-performance double-sided tape has a strong resistance to all weather conditions, from extremely hot to frost.

Each pack includes: 25 mt of BuddySun + 25 mt of BuddyTape

BUDDYSUN TECHNICAL DATA

Material: Aluminium
Dimensions: 1008 x 220 mm
Colour: Dark brown

BUDDYTAPE TECHNICAL DATA

Material: Double-sided acrylic foam
Dimensions: 1250 x 25 x 2 mm
Colour: Charcoal grey

Code:	Pack:	Pallet:
800	25 mt / pack	---



B COPPER BIRD BARRIER FOR PANTILES

Ornamental copper bird deterrents designed to protect roofs. Placed at the entrance of pantiles, they prevent birds from accessing and building nests under the roof.

These bird deterrents offer aesthetically pleasing solutions.

They can be fastened using self-drilling screws, self-tapping screws, etc. or simply inserted under the pantiles. They can also be used to secure the pantiles of some roofs.

TECHNICAL DATA

Material: Copper
Dimensions: 150 x 85 x h 107 mm

Code:	Width:	Pack:	Carton:
810	0,4 mm	100 pcs / pack	---
811	0,8 mm	50 pcs / pack	---

BIRD CONTROL

ANTI-INTRUSION SYSTEMS

BARRIERS

A BIRD BARRIER IN SHEET IRON FOR PANTILES

Ornamental bird deterrents in dark brown pre-painted sheet iron designed to protect roofs. Placed at the entrance of pantiles, they prevent birds from accessing and building nests under the roof. These bird deterrents offer aesthetically pleasing solutions. They can be fastened using self-drilling screws, self-tapping screws, etc. or simply inserted under the pantiles. They can also be used to secure the pantiles of some roofs.

TECHNICAL DATA

Material: Dark brown pre-painted sheet iron
Dimensions: 150 x 85 x h 107 mm

Code:	Width:	Pack:	Carton:
812	0,4 mm	100 pcs / pack	---
813	0,8 mm	50 pcs / pack	---



B COPPER BIRD BARRIER FOR TILES

Ornamental copper bird deterrents designed to protect roofs. Placed at the edge of the first tiles, they prevent birds from accessing and building nests under the roof. These bird deterrents offer aesthetically pleasing solutions. They can be fastened using self-drilling screws, self-tapping screws, etc. or simply inserted under the tiles. They can also be used to secure the tiles of some roofs.

TECHNICAL DATA

Material: Copper
Dimensions: 150 x 85 x h 92 mm

Code:	Width:	Pack:	Carton:
814	0,4 mm	100 pcs / pack	---
815	0,8 mm	50 pcs / pack	---



C BIRD BARRIER IN SHEET IRON FOR TILES

Ornamental sheet iron bird deterrents designed to protect roofs. Placed at the entrance of the first tiles, they prevent birds from accessing and building nests under the roof. These bird deterrents offer aesthetically pleasing solutions. They can be fastened using self-drilling screws, self-tapping screws, etc. or simply inserted under the tiles. They can also be used to secure the tiles of some roofs.

TECHNICAL DATA

Material: Dark brown pre-painted sheet iron
Dimensions: 150 x 85 x h 92 mm

Code:	Width:	Pack:	Carton:
816	0,4 mm	100 pcs / pack	---
817	0,8 mm	50 pcs / pack	---



D PLASTIC BIRD BARRIER FOR ROOFS

Bird deterrents made of polypropylene, designed to protect roofs. Placed at the entrance of the first tiles/pantiles, they prevent birds from accessing and building nests under the roof. They can be fastened using self-drilling screws, self-tapping screws, etc. or simply inserted under the tiles/pantiles.

TECHNICAL DATA

Material: UV-treated polypropylene
Width: 2 mm
Dimensions: 142 x 95 x h 95 mm
Colour: Reddish brown

Code:	Pack:	Carton:
818	100 pcs / pack	---



BIRD CONTROL

ACCESSORIES

TECHNICAL COMPONENTS



A HOG RINGS TO FASTEN NET/WIRE

Hog rings used to fasten the meshes of the net to the steel wire. Specially designed to offer excellent anchorage, they are also particularly economical since they speed up installation time used with the special stapler (mod 40).



Code:	Material:	Pack:	Carton:
41	Stainless steel	2500 pcs / pack	50000 pcs / ct
42	Galvanised steel	2500 pcs / pack	50000 pcs / ct
43	Aluminium	2500 pcs / pack	50000 pcs / ct



B STAINLESS STEEL 1 MM WIRE

Fastened on strong points with eye bolt anchors, it creates a perimeter along which the net is anchored to by means of hog rings. Ideal for closure of windows, small openings, etc. 49 strands (7 x 7)

TECHNICAL DATA

Material: Stainless steel
Diameter: 1 mm



Code:	Pack:	Carton:
71	200 m / pack	---



C 2 MM WIRE

Fastened on strong points with eye bolt anchors, it creates a perimeter along which the net is anchored to by means of hog rings. Ideal for closure of windows, small openings, etc. 49 strands (7 x 7)

TECHNICAL DATA

Diameter: 2 mm



Code:	Material:	Pack:	Carton:
73	Stainless steel	100 m / pack	---
77	Galvanised steel	100 m / pack	---



D ALUMINIUM FERRULES FOR 2 MM WIRE

Ferrules used to crimp wire ends. Specially designed to fasten looped 2 mm wire ends, the ferrules provide quick anchorage and very little visual impact. The use of a special crimping tool - such as mod. 60 or mod. 60C - is required to compress the ferrules properly.

TECHNICAL DATA

Material: Aluminium
Diameter: 2,5 mm
Length: 8 mm



Code:	Pack:	Carton:
11	100 pcs / pack	---

BIRD CONTROL

ACCESSORIES

TECHNICAL COMPONENTS

A COPPER FERRULES FOR 0.9 MM WIRE

Ferrules used to crimp wire ends. Specially designed to loop and fasten 0.9 mm wire, the ferrules provide quick anchorage and very little visual impact. The use of a special crimping tool - such as mod. 60B - is required to compress the ferrules properly.

TECHNICAL DATA

Material: Copper
Diameter: 1 mm
Length: 5 mm

Code:	Pack:	Carton:
12	100 pcs / pack	---



B COPPER FERRULES FOR 2 MM WIRE

Ferrules used to crimp wire ends. Specially designed to fasten looped 2 mm wire ends, the ferrules provide quick anchorage and very little visual impact. The use of a special crimping tool - such as mod. 60 or mod. 60C - is required to compress the ferrules properly.

TECHNICAL DATA

Material: Copper
Diameter: 2,5 mm
Length: 8 mm



Code:	Pack:	Carton:
13	100 pcs / pack	---



C 2 MM WIRE CLIPS

Stainless steel wire clips for 2 mm diameter wire to be used as an alternative to mod. 11-13 ferrules. Though they are more noticeable compared to the ferrules, they offer secure fastening for long lengths of wire.

TECHNICAL DATA

Diameter: 3 mm



Code:	Material:	Pack:	Carton:
21	Stainless steel	10 pcs / pack	---
22	Galvanized steel	10 pcs / pack	---



D STAINLESS STEEL EYE AND HOOK TURNBUCKLE

Stainless steel turnbuckle used to adjust the tension of the steel wire.

TECHNICAL DATA

Material: Stainless steel

Code:	Diameter:	Max expan. length:	Pack:	Carton:
31	M4	40 mm	5 pcs / pack	---
32	M5	55 mm	5 pcs / pack	---
33	M6	67 mm	5 pcs / pack	---



BIRD CONTROL

ACCESSORIES

TECHNICAL COMPONENTS



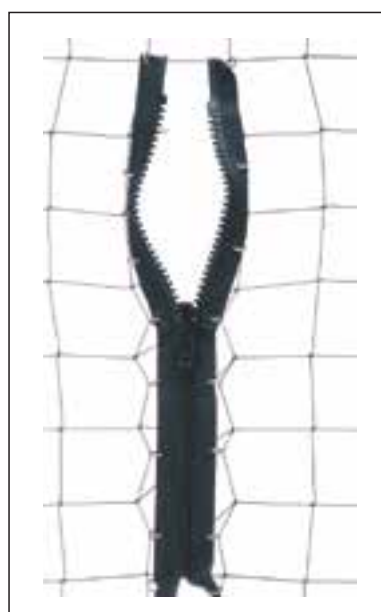
A GALVANISED STEEL EYE AND HOOK TURNBUCKLE

Galvanised steel turnbuckle used to adjust the tension of the steel wire.

TECHNICAL DATA

Material: Galvanised steel

Code:	Diameter:	Max expan. length:	Pack:	Carton:
35	M5	30 mm	10 pcs / pack	---
36	M6	55 mm	10 pcs / pack	---



B NET INSPECTION ZIPPER

Fabric zipper with plastic slider, used to open and close net inspection points. Zippers can be used on any type of bird net (pigeons, starlings, sparrows). The zipper is fastened to the net with the hog rings normally used to secure the net to the steel wire. It is not advisable to use aluminium hog rings, which are not strong enough to perforate the zipper's cloth. Perfect for the creation of doors and quick access points.

TECHNICAL DATA

Material: Fabric + plastic

Code:	Length:	Colour:	Pack:	Carton:
ZIP50	500 mm	Stone	1 pc / pack	---
ZIP100	1000 mm	Stone	1 pc / pack	---
ZIP150	1500 mm	Stone	1 pc / pack	---
ZIP200	2000 mm	Stone	1 pc / pack	---
ZIP400	4000 mm	Stone	1 pc / pack	---
ZIP50N	500 mm	Black	1 pc / pack	---
ZIP100N	1000 mm	Black	1 pc / pack	---
ZIP150N	1500 mm	Black	1 pc / pack	---
ZIP200N	2000 mm	Black	1 pc / pack	---
ZIP400N	4000 mm	Black	1 pc / pack	---



C BUDDYTAPE – DOUBLE-SIDED TAPE

Double-sided acrylic foam tape for outdoor use, with outstanding wide temperature range resistance, specifically designed for BuddySun.

TECHNICAL DATA

Material: Double-sided acrylic foam

Height: 25 mm

Thickness: 2 mm

Colour: Charcoal grey

Superior wet-out performance

Closed cell acrylic foam core for reliable sealing to prevent water penetration

High humidity, gasoline and UV resistance

Complete polymerization: approx 24 hours

Code:	Pack:	Carton:
805-5	5 mt / pack	---
805	12,5 mt / pack	---



WATCH THE INSTALLATION VIDEO

BUDDYSUN

BIRD CONTROL

ACCESSORIES

FIXING COMPONENTS

A NYLON WALL PLUGS

Used to perfectly anchor screws to masonry walls.

TECHNICAL DATA

Material: Nylon

Code:	Dimensions:	Combine with:	Pack:	Carton:
401	30 x ø 6 mm	54	100 pcs / pack	---
402	20 x ø 4 mm	403	100 pcs / pack	---
406	25 x ø 5 mm	407	100 pcs / pack	---



B STAINLESS STEEL SELF-TAPPING SCREWS

Stainless steel self-tapping screws with cylinder Phillips head.

TECHNICAL DATA

Material: Stainless steel

Code:	Dimensions:	Combine with:	Pack:	Carton:
403	3,0 x 20 mm	402	100 pcs / pack	---
407	3,5 x 25 mm	406	100 pcs / pack	---



C HAMMER-IN WALL PLUGS WITH COPPER SCREW

Hammer-in screw in copper-plated stainless steel with big size washer in copper. Particularly suitable for the quick installation of copper nets. Each single piece is made up of screw, washer and wall plug.

TECHNICAL DATA

Material: Copper-plated stainless steel
Length: 38 mm
Washer : ø 20 mm
Hole: ø 6 mm

Code:	Pack:	Carton:
408R	100 pcs / pack	---



D HAMMER-IN WALL PLUGS WITH GALVANISED STEEL SCREW

Hammer-in wall plugs. They do not require a screwdriver but are directly hammered into the wall. Particularly suitable for the quick installation of metal nets, etc.

TECHNICAL DATA

Material: Galvanised steel + nylon
Hole: ø 6 mm

Code:	Length:	Pack:	Carton:
408	37 mm	100 pcs / pack	---
409	56 mm	100 pcs / pack	---



BIRD CONTROL

ACCESSORIES

FIXING COMPONENTS



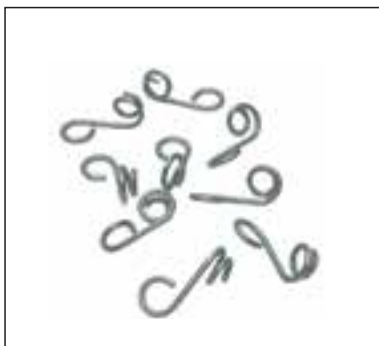
A NYLON UV-TREATED CABLE TIES

Special nylon cable ties in black colour, with a highly effective fastening system and resistant to UV rays, oils, fats and solvents in general.

TECHNICAL DATA

Material: Self-extinguishing nylon
Colour: Black

Code:	Dimensions:	Pack:	Carton:
545	200 x 4,5 mm	100 pcs / pack	---
546	280 x 7,5 mm	100 pcs / pack	---
547	360 x 7,5 mm	100 pcs / pack	---



B CURL HOOK TO ANCHOR WIRE

Stainless steel curl hook used to anchor the steel wire perimeter that will support the net. For use on metal surfaces such as gutters, flashings, railing, beams, rolled sections, etc.

TECHNICAL DATA

Material: Stainless steel

Code:	Pack:	Carton:
51	100 pcs / pack	---



C STAINLESS STEEL EYE SCREW FOR WOOD/MASONRY

Stainless steel eye screw, used to anchor the steel wire perimeter that will support the net. It can be used directly on wood surfaces or on masonry surfaces together with a nylon wall plug. The flat end of the screw has a low visual impact and is resistant to tensile stress.

TECHNICAL DATA

Material: Stainless steel
Length: 35 mm
Hole diameter: \varnothing 5 mm

Code:	Pack:	Carton:
54	100 pcs / pack	---



D STAINLESS STEEL EYE BOLT FOR WALL

High quality eye bolt used to anchor the steel wire on cement, brick, etc.

TECHNICAL DATA

Material: Stainless steel

Code:	Diameter:	Eyelet:	Pack:	Carton:
61	M6	\varnothing 9 mm	10 pcs / pack	---
62	M8	\varnothing 11 mm	10 pcs / pack	---

BIRD CONTROL

ACCESSORIES

FIXING COMPONENTS

A GALVANISED STEEL EYE BOLT FOR WALL

High quality eye bolt used to anchor the steel wire on cement, brick, etc.

TECHNICAL DATA

Material: Galvanised steel

Code:	Diameter:	Eyelet:	Pack:	Carton:
63	M6	ø 9 mm	10 pcs / pack	---
64	M8	ø 11 mm	10 pcs / pack	---



B M3 GALVANISED STEEL EYE BOLT FOR WALL

Small eye bolt used to anchor the steel wire on cement, brick, etc.
Fit these eye bolts between larger bolts to create intermediate anchorage points.

TECHNICAL DATA

Material: Galvanised steel

Diameter: M3

Eyelet: ø 6 mm

Code:	Pack:	Carton:
65	50 pcs / pack	---



C HILTI-TYPE M6 BOLTS

High quality Hilti-type galvanised steel eye/hook bolt anchor M6. Used to fix the steel wire creating the perimeter to masonry walls.

This bolt anchor is quick to install and especially indicated for reinforced concrete walls. It does not need to be screwed down, just hammered into place.

Its special lead-coated capsule provides extra strong anchorage. Use with 8 mm drill bit.

TECHNICAL DATA

Material: Galvanised steel

Diameter: M6

Eyelet: ø 8 mm

Code:	Shape:	Pack:	Carton:
66	Eye	100 pcs / pack	---
67	Hook	100 pcs / pack	---



D SLOTTED NYLON ANCHOR RIVET

Special nylon anchor rivet with slot on upper part, used to fix the wire.

The anchor rivet is hammered into place and blocked in the wall thanks to its wings. Ideal for use on reinforced concrete walls, these anchor rivets are quick to install.

TECHNICAL DATA MOD. 68

Material: Nylon
Length: 45 mm
Diameter: ø 7 mm
Hole: 6 mm drill bit

TECHNICAL DATA MOD. 68N

Material: Nylon
Length: 42,3 mm
Diameter: ø 10,3 mm
Hole: 8 mm drill bit

Code:	Colour:	Pack:	Carton:
68	Grey	100 pcs / pack	---
68N	Black	100 pcs / pack	---



BIRD CONTROL

ACCESSORIES

FIXING COMPONENTS



A GALVANISED CLAMP-ON CLIPS

Specifically designed to anchor the steel wire to metal bases. These very sturdy clips are simply clamped on with the help of a hammer. Special inner wings provide the clips with excellent grip, ensuring secure anchorage and high resistance also to tensile stress. Available in 4 sizes.

TECHNICAL DATA

Material: Galvanised steel

Code:	Thickness:	Pack:	Carton:
555	From 1,5 to 3 mm	100 pcs / pack	---
556	From 3 to 8 mm	100 pcs / pack	---
557	From 8 to 14 mm	100 pcs / pack	---
558	From 14 to 20 mm	100 pcs / pack	---



B SPECIAL WIRE ANCHORAGE MAGNET

Magnetic fixing Kit for anti-intrusion nets. Used to secure perimeter wire upon iron surfaces during the installation of anti-intrusion nets. The special magnet is fitted with an eye bolt and allows creating perimeter anchorage points without making holes.

TECHNICAL DATA

MAGNET

Inner material: Nickel-plated iron

Outer material: Ferrite magnet

Diameter: 22 mm

Thickness: 5 mm

Tractive force: 7 kg

EYE BOLT

Material: Tropicalised galvanised iron

Length: 10 mm

Eyelet : \varnothing 5 mm

Code:	Pack:	Carton:
598	10 pcs / pack	---



BIRD CONTROL

ACCESSORIES

FIXING COMPONENTS

A SPECIAL STAINLESS STEEL HAMMER-IN EYE BOLT FOR WALL

Ideal to anchor the net perimeter wire on masonry walls such as reinforced concrete. It combines an extra-strong anchorage with an extremely reduced visual impact, thanks to its flat eyelet head.

TECHNICAL DATA

Material: Stainless steel
Length: 60 mm
Eyelet: ø 5 mm
Hole: 6 mm drill bit

Code:	Pack:	Carton:
54PIN	100 pcs / pack	---



B SPECIAL GALVANISED STEEL HAMMER-IN EYE BOLT FOR WALL

Ideal to anchor the net perimeter wire on masonry walls such as reinforced concrete. It combines an extra-strong anchorage with an extremely reduced visual impact, thanks to its flat eyelet head.

TECHNICAL DATA

Material: Galvanised steel
Length: 60 mm
Eyelet: ø 5 mm
Hole: 6 mm drill bit

Code:	Pack:	Carton:
54PZN	100 pcs / pack	---



C SPECIAL VISE TO ANCHOR NET WIRE

Ideal to anchor the net perimeter wire on IPE girders. It is adjustable to thickness ranging from 2 to 5 cm. This vise grip is ideal to fix the net wire and offers an extra-strong anchorage.

TECHNICAL DATA

Material: Galvanised steel
Thickness: From 20 to 50 mm

Code:	Pack:	Carton:
599	5 pcs / pack	---



BIRD CONTROL

ACCESSORIES

FIXING COMPONENTS



A SPECIAL FRAME FOR NET INSTALLATIONS

Special frames for the installation of nets around and above protruding features. The sturdy galvanized steel structure allows an extra-strong anchorage of the bird net wire at different heights. The plate at the base of the bracket has two eyelets for fixing on masonry surfaces.

TECHNICAL DATA

BRACKET

Material: Galvanised steel
Width: 40 mm
Thickness: 2.5 mm
Eyelet dimensions: 30 x 9 mm

BASE

Material: Galvanised steel
Length: 120 mm
Width: 50 mm
Thickness: 6 mm
Fixing holes: 2
Thickness: 2.5 mm
Eyelet dimensions: 25 x 14 mm

Code:	Height:	Holes:	Pack:	Carton:
90	210 mm	4	20 pcs / pack	---
91	310 mm	6	20 pcs / pack	---
92	410 mm	8	20 pcs / pack	---
93	510 mm	10	20 pcs / pack	---
94	610 mm	12	20 pcs / pack	---





BIRDS™ REFERENCE



BIRD CONTROL

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BIRDS





BIRD CONTROL

SOUND SCARE SYSTEMS

CONTROL UNITS



A PROGRAMMABLE BIRD SOUND SCARE SYSTEM

This advanced sound scare system control unit can either be powered by 12V battery or electrically-powered with a 220V/12V adapter/transformer (mod. ES102). The control unit is provided with a digital programmer that operates on 220V or 12V.

The recorded distress calls of the main birds as well as predator attack cries are simultaneously used in random order. Two two-way loudspeakers (mod. ES201) or two four-way loudspeakers (mod. ES204) can be connected to the control unit with special cables (mod. ES199) at a maximum distance of 100 metres from the control unit.

The sounds are emitted for variable lengths of time (from 15 to 40 seconds) interrupted by random periods of silence lasting between 1-8 minutes.

TECHNICAL DATA

Wattage:	40W
Voltage:	12V
Loudspeakers:	0 integrated 2 connectable
Protection:	IP65
Solar cell:	Yes



Code:	Pack:	Carton:
ES104	1 pc / pack	---



B BIRD SOUND SCARE SYSTEM WITH LOUDSPEAKERS

This sound scare system control unit can either be powered by 12V battery or electrically-powered with a 220V/12V adapter/transformer (mod. ES102). The control unit has two integrated two-way loudspeakers and a day/night sensor. The recorded distress calls of the main birds as well as predator attack cries are simultaneously used in random order. Besides the integrated loudspeakers, one two-way loudspeaker (mod. ES201) or one four-way loudspeaker (mod. ES204) can be connected to the control unit with special cables (mod. ES199) at a maximum distance of 100 metres from the control unit. The sounds are emitted for variable lengths of time (from 15 to 40 seconds) interrupted by random periods of silence lasting between 1-8 minutes.

A timer (mod. ES250) can otherwise be used to programme the sounds with 15-minute phases over a period of 24 hours (only for use with 220 V electricity).

TECHNICAL DATA

Wattage:	40W
Voltage:	12V
Loudspeakers:	2 integrated 2 connectable
Protection:	IP65
Solar cell:	Yes

Code:	Pack:	Carton:
ES112	1 pc / pack	---

BIRD CONTROL

SOUND SCARE SYSTEMS

ACCESSORIES

A TWO-WAY LOUDSPEAKERS FOR BIRD SOUND SCARE SYSTEM

Two-way loudspeakers in sturdy plastic for use with mod. ES104 sound scare systems. Can also be used as supplementary loudspeakers for mod. ES112 sound scare systems.

TECHNICAL DATA

Wattage: 40W
Connectable loudspeakers: 1
Protection: IP65

Code:	Pack:	Carton:
ES201	1 pc / pack	---



B FOUR-WAY LOUDSPEAKERS FOR BIRD SOUND SCARE SYSTEM

Sturdy plastic four-way loudspeakers for mod. ES100, ES112 and ES104.

TECHNICAL DATA

Wattage: 40W
Connectable loudspeakers: 1
Protection: IP65

Code:	Pack:	Carton:
ES204	1 pc / pack	---



C EXTENSION CABLE FOR LOUDSPEAKERS

Red/black 2-pole cable (with plugs) for the electrical connection of loudspeakers at a maximum distance of 100 metres.

TECHNICAL DATA

Material: 2-pole cord
Colour: black/red
Pack: 100 m

Code:	Pack:	Carton:
ES199	1 pc / pack	---



D 220V/12V TRANSFORMER FOR BIRD SOUND SCARE SYSTEM

Transformer for mod. ES112 and ES104 sound scare systems.

TECHNICAL DATA

Input voltage: 220V
Output voltage: 12V

Code:	Pack:	Carton:
ES102	1 pc / pack	---



BIRD CONTROL

VISUAL DETERRENTS

DECOYS



A HAWK DECOY

Plastic thermoformed decoy that faithfully reproduces a flying hawk.

TECHNICAL DATA

Material: Plastic

Code:	Pack:	Carton:
FLK350	1 pc / pack	---



B WINDOW DECALS - HAWKS

Black decals in various sizes.

TECHNICAL DATA

Material: Plastic coated paper

Colour: Black

Decals per sheet: 3

Code:	Pack:	Carton:
2372	5 pcs / pack	---



BIRD CONTROL

CATCH TRAPS

CAGES

A CAGE FOR PIGEONS

Practical and functional cage trap used to catch pigeons. Made out of high quality galvanised steel, easy and quick to assemble, this cage trap requires little maintenance and is an essential tool when starting a pigeon capture campaign. It has one-way doors in which birds can enter but cannot get out of. Before placing traps, check the restrictions, regulations, etc. enforced in your territory. The capture of pigeons is regulated by precise territorial laws.

TECHNICAL DATA

Base material: Galvanised steel
Cage material: Galvanised steel spray painted in green
Dimensions: 1000 x 600 x 300 mm
No. of entrances: 2

Code:	Pack:	Carton:
TZ2250	1 pc / pack	---



B CAGE FOR SPARROWS

Practical and functional cage trap used to catch sparrows. Made out of high quality galvanised steel, easy and quick to assemble, this cage trap requires little maintenance and is an essential tool when starting a sparrow capture campaign. The entrances are shaped so that the sparrows can enter but cannot escape. There is a door on the back of the cage to allow removal of the birds. Suitable for department stores and supermarkets.

TECHNICAL DATA

Material: Galvanised steel
Dimensions: 610 x 350 x 190 mm
No. of entrances: 2

Code:	Pack:	Carton:
TZ3334	1 pc / pack	---



BIRD CONTROL

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BIRD CONTROL

TOOLS

WORKING INSTRUMENTS



A CRIMPING PLIERS

Special crimping pliers used to correctly secure crimps (mod.131) on the stainless steel wire. Also used to cut the stainless steel wire; the pliers are in fact also designed to make accurate and clean cuts without leaving annoying burr.

TECHNICAL DATA

Material: Steel



Code:	Pack:	Carton:
199	1 pc / pack	---



B PROFESSIONAL HOG RING STAPLER

Indispensable accessory used to fix the net to the steel wire, giving installers the possibility of optimising installation time.

This handy, excellent quality tool provides secure fastening of the special hog rings (mod 41 – 42 – 43) that close into a ring around the net mesh and the wire.

TECHNICAL DATA

Material: Steel



Code:	Pack:	Carton:
40	1 pc / pack	---



C PROFESSIONAL CRIMPER

Crimping pliers used to compress mod. 11 and 13 ferrules. This top quality tool is equipped with a ratchet, which helps achieve better crimping results with the least effort.

TECHNICAL DATA

Material: Steel



Code:	Pack:	Carton:
60	1 pc / pack	---



D PROFESSIONAL WIRE CUTTER

Special high quality shears used to cleanly cut galvanised (mod 77) or stainless steel wire (mod 71-73). Suitable for wire with a diameter between 0.5 mm and 3 mm.

TECHNICAL DATA

Material: Steel



Code:	Pack:	Carton:
70	1 pc / pack	---

BIRD CONTROL

TOOLS

WORKING INSTRUMENTS

A STEEL-CUTTING SHEARS FOR 3 MM STEEL RODS

Professional cutter that neatly and quickly cuts stainless steel rods mod.430. Essential, time-saving tool with excellent cutting performance.

TECHNICAL DATA

Material: Steel



Code:	Pack:	Carton:
435	1 pc / pack	---



B CRIMPING TOOL FOR CABLE TERMINALS

High quality crimping pliers for insulated cable terminals (mod 414), an essential tool used to properly fix the terminals to the high voltage cable (mod. 480). To prevent current leakage, the threaded rods must in fact be securely connected to the high voltage cable.

TECHNICAL DATA

Material: Steel



Code:	Pack:	Carton:
418	1 pc / pack	---



C SOCKET SCREWDRIVER FOR M3 NUTS

5.5 mm socket screwdriver used to correctly tighten mod. 416 nuts, which in turn are used to properly connect the high voltage cable, the cable terminals and the rods of the electric line.

TECHNICAL DATA

Material: Chrome-vanadium steel
Diameter: 5.5 mm for M3 nut



Code:	Pack:	Carton:
417	1 pc / pack	---



D COMBINATION SPANNER FOR M3 NUTS

5,5 mm combination spanner used to correctly tighten mod. 416 nuts.

TECHNICAL DATA

Material: Chrome-vanadium steel
Diameter: 5.5 mm for M3 nut



Code:	Pack:	Carton:
419	1 pc / pack	---



E PROFESSIONAL SHEARS FOR METAL NET

High quality shears used to cut the metal net. This tool is indispensable to cut out the required shape and size of net depending on installation needs.

TECHNICAL DATA

Material: Chrome-steel

Code:	Pack:	Carton:
484	1 pc / pack	---



BIRD CONTROL

TOOLS

WORKING INSTRUMENTS



A PROFESSIONAL SCISSORS

Heavy-duty electrician's scissors with straight blades.

TECHNICAL DATA

Material: Chrome-steel

Code:	Pack:	Carton:
483	1 pc / pack	---



B M3 HEX SCREWDRIVER

Hex screwdriver specifically designed to tighten stainless steel Allen screws onto mod. 490 mammoth clamps.

TECHNICAL DATA

Diameter: 1,5 / M3



Code:	Pack:	Carton:
491	1 pc / pack	---



C M4 HEX SCREWDRIVER

Hex screwdriver specifically designed to tighten stainless steel Allen screws onto mod. 413 mammoth clamps.

TECHNICAL DATA

Diameter: 2 / M4



Code:	Pack:	Carton:
492	1 pc / pack	---



D SPACER TEMPLATE FOR ELECTRIC LINE

Spacer template used to correctly position the support clamps (mod. 420) for the electric line.

TECHNICAL DATA

Material: Aluminium
Length: 330 mm

Code:	Pack:	Carton:
DS001	1 pc / pack	---



BIRDS™ REFERENCE



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