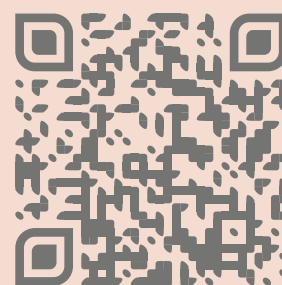
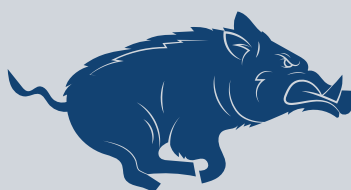




Pest Risk Management



Designed and
manufactured
in France



Supporting you toward better pest risk management

...in a sustainable, innovative and efficient way.

This has been Ratdown's commitment since 2007, in a market that is changing faster than ever before. Across Europe, pest control professionals must adapt to new laws and regulations, but also to the expectations of users, public authorities and other stakeholders. The PCO's toolbox has grown significantly to meet these needs. Today, your mission is not only to control pests, but also to explain, educate, and recommend sustainable and effective pest management solutions.

At Ratdown, we design and manufacture these solutions in France. We are currently the only French manufacturer offering complete ranges of products and systems that address all rodent control challenges — without using biocides. Our expertise has been built in close cooperation with pest control operators, but also with industrial companies, retailers, restaurants, logistics platforms and energy suppliers.

We constantly challenge ourselves to improve our solutions and keep innovating. This vision is now shared with other French manufacturers — **Sofar France** and **Orcad Laboratoire** — within the Smart Protect division, supported by Innoval Développement.

As Managing Director of Ratdown, I am proud to present our innovative and sustainable pest management solutions.

Thomas LE LOUARN
Managing Director of Ratdown

Summary

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Ecovadis a reflection of our daily commitment



Two years ago, we began working with EcoVadis. At first, this approach was a way to meet the expectations of our clients and partners.

Today, it has become a way to highlight and give value to our everyday actions. What once came naturally — reusing materials, preserving resources, working locally with trusted low-carbon partners — is now at the heart of our processes, ensuring quality and customer satisfaction.

We earned, and have maintained, an EcoVadis Bronze Medal, even after the scoring system was updated. But beyond this recognition, the process has helped us share best practices, reflect internally, and define new objectives, involving the entire Ratdown team.

Ratdown in figures

Founded in 2007, Ratdown was created with the goal of offering a range of pest control products and systems based on the principles of Integrated Pest Management (IPM), for pest control operators (PCOs) and professionals in the food industry, retail, logistics and food service sectors.

These industries, subject to strict hygiene and safety standards, quickly recognised the value of this approach — particularly in terms of prevention and risk management.

Today, Ratdown is the only manufacturer offering a complete range of non-biocidal rodent control solutions, made in France. Our non-chemical products and systems now protect a growing number of facilities throughout Europe and in French overseas territories.

500 tons

of rodent-proof sealant

1 500

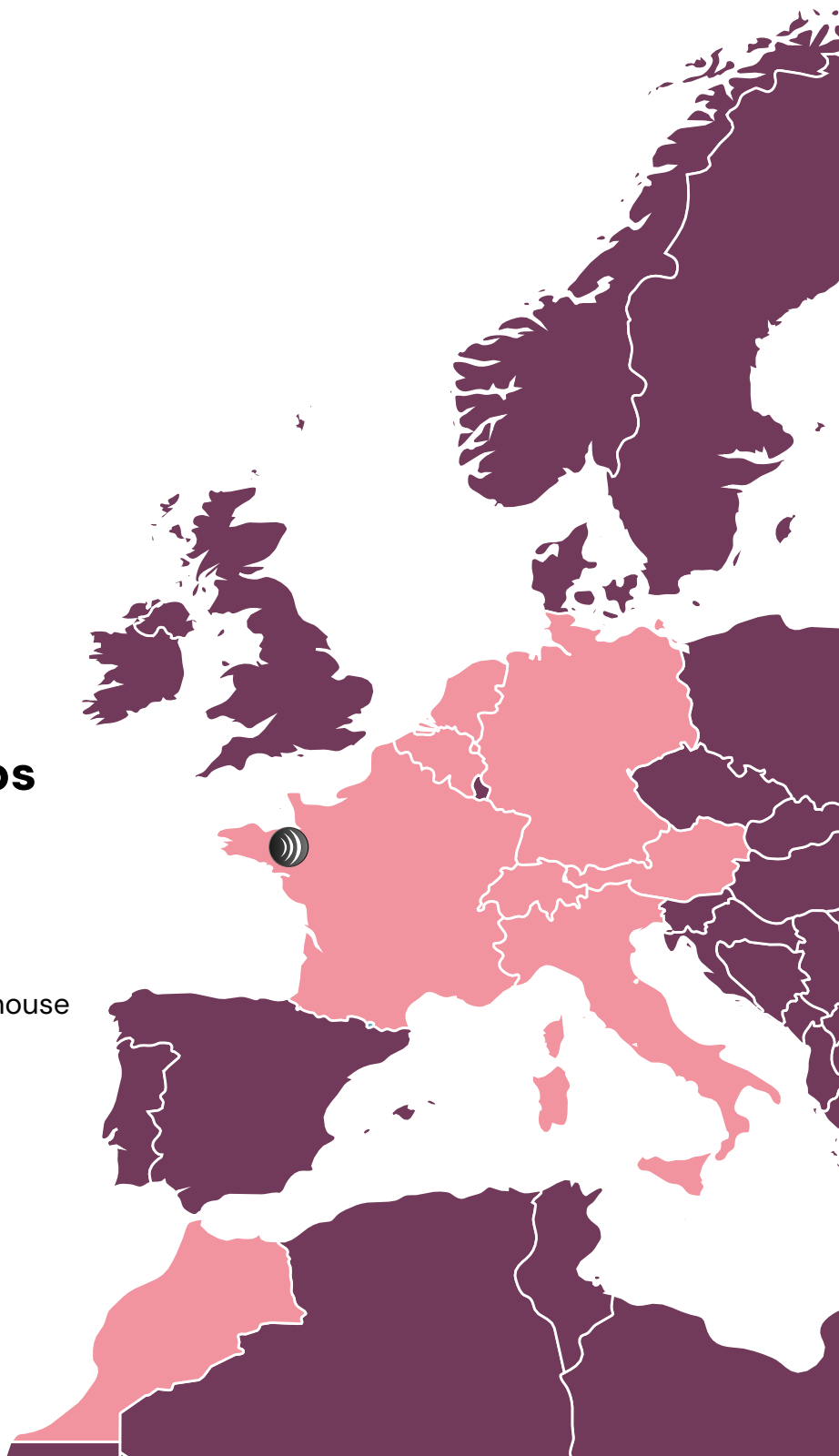
electro-acoustic repellents

2 000 rodent traps

non-chemical, multi-catch

23 technologies

protected and developped in-house



Solutions adapted to pest control in all environments

RD2500								
RD500								
Seismic protection Kit								
Ultrasonic Kit								
Control Unit RD5000								
Bird repellent «BR2»								
Bird repellent «CAO4»								
Mice trap «Micebox»								
Mice trap «RDBox»								
Rodent trap «RDVBT»								
Rodent trap «Loop»								
Rodent trap Sire								
Sealant «Essentiel»								
Sealant PFP								
Rodent-proof panel								
Rodent Barrier								
PFP Foam								
Rodent-proof mesh								
Steel whool								
Rodent-proof door								
Bird repellent gel								
Plant-based barrier								

Advice, Support and Experience Sharing

Do you have a specific request? Are you responding to a tender?

We support you at every step: advice, free plan-based study, documentation, feedback from our experience, and more. There are two ways to contact us:

by phone

+33 2 99 23 45 49



by e-mail

contact@ratdown.fr



RATDOWN has developed a range of sealants and expanding resins to help professionals carry out effective rodent-proofing campaigns.

PFP is a range formulated from natural ingredients, manufactured and packaged in France.

The performance of our products has made this range one of the most popular among European pest control operators (PCOs).

Ratdown's PFP range is referenced and used by RTE, Enedis, Bouygues, Eiffage, Omexom, RATP, and many others for the protection of transport, utility, and energy infrastructures.



In short



Drying time



Fire resistance



Water resistance



Shelf life

Sealant «Essentiel»	Sealant PFP	Rodent Barrier	Expanded resin PFP Foam	Rodent proof panel
8 to 12 hours, depending on ambient humidity			4 minutes	Dry ready to use
nc	classified M1	classified M1	Fire-retardant polyurethane	Sealant PFP
nc	classified I2	classified I2	nc	Sealant PFP
2 yrs open 6 mo	2 yrs ouvert 6 mo	2 yrs ouvert 2 mo	2 yrs ouvert 0	no limit



Rodent-resistant sealant «Essentiel»

Reference: MVRD7B

Packaging: 7 kg bucket

Rodent-resistant sealant. Water-resistant.

A **plant-based organic binder in aqueous phase**, with mineral fillers such as calcium carbonate, crushed glass, and others. Contains Eucalyptus essential oil.



Rodent-resistant sealant «PFP»

Reference: MVRD7 / MVRD20

Packaging: 7 kg or 20 kg bucket

Rodent-resistant sealant. **Water-resistant and classified M1** (fire-retardant).

A **plant-based organic binder in aqueous phase**, with mineral fillers such as calcium carbonate, crushed glass, and other mineral charges. Contains Eucalyptus essential oil.



Rodent-proof panel

Reference: PUPFP

Dimensions: 600 x 500 x 45 mm

Fire-retardant polyurethane panel coated on both sides with PFP rodent-resistant sealant. Already cured, it **provides instant rodent-proofing**. Easy to cut with a hand tool.



Rodent-resistant sealant «Rodent Barrier»

Reference: RODENTBARRIER U / RODENTBARRIER

Packaging: 310 ml cartridge / Pack of 12

Rodent-resistant sealant. **Water and fire-resistant**.

A plant-based organic binder in aqueous phase, with fine mineral fillers. Contains Eucalyptus essential oil.

Its practical format makes it the ideal tool for perimeter inspections.



Expanding resin PFP FOAM

Reference: PFP FOAM U / PFP FOAM

Packaging: 400 ml two-component cartridge / Pack of 6

Rodent-resistant **expanding resin**.

Contains metallic fillers. Fire-retardant polyurethane base. Expansion ratio 1:25. The resin is fully **expanded and dry in 4 minutes**.



Rodent-proof mech

Reference: GRILLEINSECT

Packaging: 100m roll

Semi-rigid fine-mesh grille, made of raw aluminium, supplied as a rolled cardboard dispenser with two pre-creasing lines, one at 10 mm and the other at 30 mm from the edge, allowing easy angle formation.



Stainless steel wool

Reference: MAILLE

Packaging: 3m roll, 12 cm width.

Rodent-proof **stainless steel wool** strip for filling holes of any size.

A solution for **instant rodent-proofing** of your buildings.



Rodent-proof door sweep

Reference: BPORTE

Size: length = 1 m. / width = 20 mm.

The rodent-proof door sweep is a simple and effective way **to prevent access to buildings**. Steel wires are integrated into the flexible seal.

Durable and easy to install.

Material requirements by proofing application

Volume filled per container	
7 kg sealant bucket	4 180 cm ³
20 kg sealant bucket	14 000 cm ³
Rodent Barrier 310 ml cartridge	300 cm ³
PFP Foam bi-components cartridge	13 000 cm ³

Applications size in mm	Filling rate of the installation (cables, etc.)			
	Empty	20-30%	50%	au moins 65%
Ø100	 3 kg or  1 for 2 technical ducts	 2.5 kg or  1 for 2 technical ducts	 1.5 kg or  1 for 3 technical ducts	 1 kg or  1 for 3 technical ducts
200 x 200	 2 kg  1/4	 2 kg  1/4	 2 kg  1/6 or  1 cartridge	 3 kg  1/6 or  1 cartridge
200 x 500	 5 kg  1/2 or  3 kg  1/3  1	 6 kg  1/2 or  3 kg  1/4  1	 6 kg  1/3 or  3 kg  1/4  1	 4 kg  1/4
400 x 500	 5 kg  1 or  3 kg  1  1	 6 kg  1/2 or  4 kg  1/2  1	 6 kg  1/2 or  4 kg  1/2  1	 6 kg  1/3
500 x 500	 5 kg  1 or  3 kg  1  1	 6 kg  1 or  5 kg  1  1	 5 kg  1/2 or  5 kg  1/2  1	 9 kg  1/2 or  6 kg  1/2  1

-  7 ou 20 kg sealant bucket.
-  Rodent-proof panel 600 x 500 x 45 mm
-  PFP Foam 400ml bi-component cartridge

Non-contractual data provided for information purposes only.

Please contact us for a more accurate estimate of your material requirements.



«PFP», «Essentiel» and «Rodent Barrier» sealants are water-based products. It is therefore important to store them at a temperature between +5°C and +35°C to prevent freezing or drying.

For certain applications (e.g. involving cables), you may add a small amount of water to the sealant to improve penetration. Drying time will then be slightly longer.

Examples of rodent-proofing works

Seal a manhole securely using a rodent-proof panel and PFP sealant



Fill technical ducts with PFP Foam



Seal PVC pipes with PFP Foam – in under 5 minutes



Protect an electrical cabinet using a rodent-proof panel and PFP Foam



Close off a cable pathway with rodent-proof panels and PFP sealant



Watch our proofing
tutorial on our YouTube
channel!



To meet the growing expectations of partners and customers, Ratdown introduces the natural Ridoff range.

Persistent olfactory granules that naturally repel pests. Each targeted species receives a tailored scent blend: camphor for rodents and martens, rosemary to deter wild boar, and citronella against mosquitoes...

These olfactory barriers remain effective for 3 to 6 weeks, depending on the environment in which they are deployed.

In short



Storage conditions



Shelf life



Persistence
depending on weather

Granules rodents weasels	Granules wild boar	Granules mosquitoes	Gel birds	Glue plant-based
in a dry place Storage conditions: +5°C to +35°C – avoid freezing or drying				
2 yrs open 1 yr	2 yrs open 1 yr	2 yrs open 1 yr	2 yrs open 1 yr	5 yrs open 1 yr
6 weeks	4 weeks	4 weeks	1-2 months	



Bird Repellent Gel

Reference: RDOFF-OSX

Packaging: 1 L jar, pack of 6

The **Ridoff gel** combines a strong eucalyptus scent with light refraction to repel birds. This **olfactory/visual combo** offers a **non-lethal, environmentally friendly alternative**.

Persistence: approximately 4 weeks, except in cases of heavy rain.



Scented pellets – Martens / Rodents

Reference: RDOFF-RTS

Packaging: 5 L bucket (approx. 2.7 kg)

Pellets infused with a **blend of essential oils**, predominantly camphor, emitting a **repellent odor for rats, mice, and martens**.

Persistence: approximately 6 weeks, except in cases of heavy rain.



Scented pellets – Wildlife Pests

Reference: RDOFF-WLD

Packaging: 5 L bucket (approx. 2.7 kg)

Pellets infused with a **blend of essential oils**, predominantly rosemary, emitting a **repellent odor for wildlife pests**, such as wild boars and foxes.

Persistence: approximately 6 weeks, except in cases of heavy rain.



Scented pellets – Mosquitoes

Reference: RDOFF-MTQ

Packaging: 6 × 1 L buckets (approx. 3 kg per pack)

Pellets infused with a **blend of essential oils**, predominantly citronella, emitting a **repellent odor for mosquitoes**.

Persistence: approximately 4 weeks, except in cases of heavy rain



Trap'Glue – Plant-Based Glue

Reference: GLU

Packaging: 310 ml cartridge (single) / pack of 6 / 5 kg bucket

Glue formulated from **natural, non-toxic ingredients**. It can be used to capture rodents as well as stop processionary caterpillars or other crawling insects.

High attractant power.

Ridoff: Inspired by nature, designed for pests

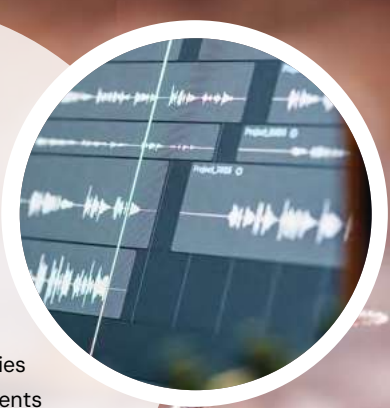
In nature, plants also need to protect themselves from pests and herbivores. Over centuries of evolution, they have refined their defenses, particularly through olfactory barriers.

With the Ridoff range, Ratdown proposes to take inspiration from nature. A range of natural scent barriers, each formulation targeting specific species. The pellets used are also natural and can be applied directly outdoors, without environmental impact.





The human ear can detect sounds in the range of 2 kHz to 20 kHz. Many animals use sound ranges from 10 Hz to 100 kHz. Mice can perceive and emit sounds up to nearly 80 kHz, while rats can reach up to 100 kHz. Ratdown repellents emit frequencies that induce intense stress in rodents and martens by acting on their vibrissae.



For each bird-related issue, we develop a custom sound program using our library of natural recordings, which contains over 200 files.

This library includes alarm and predator calls from dozens of bird species.



in short



Power supply



Sealed enclosure



Range

RD2500	RD500	Control unit RD5000	Bird repellent BR2	Bird repellent-CAO4
Mains power Remote 12V battery	Mains power	Mains power	Mains power	Mains power Remote 12V battery
IP55 Excluding power module			enclosure IP55	speaker IP65
100 m ² unobstructed areas	7 m.	1500 to 3000 m ²	500 m ²	1 hectare max



360° Ultrasonic Repellent

Reference: RD2500

Dimensions: 290 × 230 × 130 mm

Ultrasonic **repellent system for rodents or birds**. Adjustable frequency range from 2 to 40 kHz with **random sweep diffusion**. Designed for indoor use to effectively repel rats, mice, and martens.

Coverage: approx. 100 m².



Directional Ultrasonic Repellent

Reference: RD500NEW

Dimensions: 160 × 80 × 55 mm

Ultrasonic **repellent system for rodents or birds**. Adjustable frequency range from 2 to 40 kHz with **random sweep diffusion**.

Should be directed toward the target area to be protected — loading dock, window, doorway, etc.

Range: 7 m.



Seismic Repellent Kit

Reference: Kit1

Dimensions: 160 × 80 × 55 mm (control unit) / Ø 130 × H 60 mm (transducer)

Low-frequency repellent system against rodents. The device transmits low-frequency vibrations to **dislodge rodents nesting in walls or insulation..**

Range: 10 m radius.



Ultrasonic Repellent Kit

Reference: Kit2

Dimensions: 160 × 80 × 55 mm (control unit) / 160 × 120 × 85 mm (emitter)

Ultrasonic **repellent system for rodents or birds**. Adjustable frequency range from 2 to 40 kHz. Designed for installation in small, open areas.

Coverage: approx. 100 m².



RD5000 Control Unit

Reference: RD5000RF

Dimensions: 300 × 245 × 130 mm

The RD5000 Control Unit allows you to **configure and monitor up to 15 ultrasonic or seismic devices**. Ideal for **combining both technologies** and protecting large areas (warehouses, storage facilities, industrial sites..).



BR2 Bird Repellent

Reference: BR2

Dimensions: 160 × 140 × 80 mm (control unit) / 140 × 120 × 70 mm (speaker)

Broadcasts HD recordings of **alarm or predator calls of targeted bird species**. Includes a 4-file sound program and 2 speakers.

Coverage: up to 500 m².



CAO4 Bird Repellent

Reference: CAO4

Dimensions: 340 × 240 × 130 mm (control unit) / 140 × 120 × 70 mm (speaker)

Broadcasts HD recordings of **alarm or predator calls of targeted bird species**. Includes a 16-file sound program and 4 speakers. Equipped with a **daylight sensor**.

Coverage: up to 1 hectare.



Where can you use ultrasonic devices ?

Ultrasound waves, like audible sounds, **are vibrations** that travel through the air. They are slowed down, or completely blocked, by walls and insulation materials. Therefore, ultrasonic systems should primarily be **deployed indoors, in open, unobstructed areas**.

They can also be installed in semi-open buildings or warehouses. You can use ultrasonic systems outdoor, but the coverage area will be limited. Below are examples of suitable locations for ultrasonic devices. This list is, of course, not exhaustive.



Towercos



Logistic warehouses



Electrical installations



Underground parking



Apartment buildings



Industrial facilities



Livestock buildings



Semi-covered market halls



Loading docks



Attics



Restaurants – catering



Retail stores



Contact us to validate the best placement and configuration of your acoustic repellent systems. Our team can provide expert advice and detailed layout studies on request.

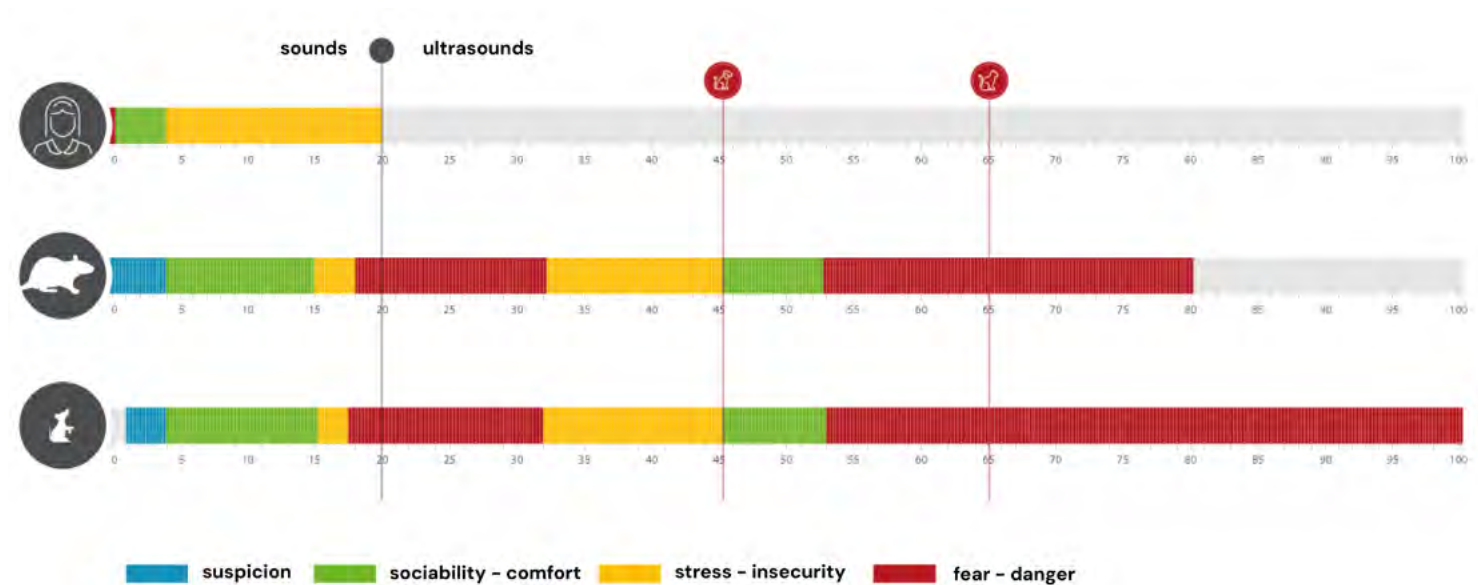
Effects of ultrasounds

Depending on the frequency range emitted, ultrasonic waves can produce different effects on animals.

In many situations, you may need to consider the presence of multiple species, some unwanted, others welcome (such as domestic animals).

It is therefore essential to determine both the frequency settings that will achieve the desired balance and the placement that will maximize efficiency.

In all cases, ultrasonic repellents are not designed to harm pests, but rather to disturb and stress them, prompting them to leave the protected area on their own. This creates what is known as an **exclusion zone**.



Effectiveness of Acoustic Repellents

The effectiveness of these sound programs relies on the combined use of **alarm and distress calls**, not just predator sounds. **Each program is unique and designed to address a specific bird control scenario.**

The BR2 is configured to target a single species, while the CAO4 can target up to three species simultaneously.

In such cases, **identifying the dominant species is essential to optimize the system's performance.**



100%
without nesting
80-90%
if nesting



90-100%
just before sowing



90-100%
just before sowing



90%
without nesting
60-70%
if nesting



Professional Ratdown traps provide continuous protection for sensitive sites and commercial facilities.

They have been designed in full compliance with the regulations and standards applicable to pest control professionals.

Closed and secure, these traps ensure ongoing protection thanks to automatic reset mechanisms, allowing for continuous rodent capture.

These traps are connected through the VIGI platform, enabling real-time data reporting, remote monitoring, and more.



In short



Power supply



Autonomy



Connected

Micebox	RDBox	RDVBT	Loop	SIRE
nc	Mains power 12V Battery	12V Battery	18V Battery	12V Battery
20 cycles	30 cycles or 2 mo	15 cycles or 2 mo	600 cycles or 6 mo	60 cycles or 2 mo
no	yes	yes	yes	yes



Mechanical Mouse Trap

Reference: MICEBOX

Dimensions: 280 x 190 x 250 mm

Autonomous **multi-capture mechanical mouse trap**, requiring no battery or mains power. Uses standard-sized glue boards. **Visual capture indicator**. Secure and enclosed trap.

Capacity: continuous capture of up to twenty mice.



Electric Mouse Trap

Reference: RDBOX

Dimensions: 470 x 300 x 390 mm

With an **effectiveness rate of nearly 90%**, the RDBOX is the best alternative to rodenticides for eliminating rodent infestations. Three functions in one trap: baiting, rapid elimination, and hygienic rodent storage. **Effective without biocides**. **Connected trap**.



Electro-Mechanical Rat Trap

Reference: RDVBT

Dimensions: 490 x 270 x 540 mm

Eco-friendly rat trap for indoor and outdoor use. Allows hygienic elimination and storage of rats. Continuous capture with automatic trap reset.

Effective without biocides. **Connected trap**.



Multi-Capture Rat/Mouse Trap

Reference: Loop

Premiere – Available 1st half of 2026

The **Loop** is a compact, connected, multi-capture rodent trap, remotely controllable and easy to use. It is suitable for safe and hygienic use across all types of environments, from industrial and food-processing facilities to parks, residential homes, and even controlled laboratory or clean-room settings.



Rat Trap for Sewer Networks

Reference : SIRE

The solution for rat population control in sewer networks. Electric trap, biocide-free.



An independent study by **FAUNE INNOV'3D** evaluated the **RDBOX multi-capture electric trap**.

The outcome:

The trap achieved **90% effectiveness** in eliminating a mouse infestation, even under strong food competition. This performance matches the benchmark set for **AVKs**, widely recognized as the most reliable solution for rodent control.

A full summary of the study is available here:





VIGI is the platform that connects your Ratdown systems — a **phygital** solution designed for your daily operations.

It follows in the footsteps of **Vigirat**, expanding and enhancing its capabilities.

Like Vigirat, it provides **precise, real-time data** on rodent activity, complemented by trap information such as **battery level, fill status**, and more.

However, VIGI goes further — it will integrate with most Ratdown systems, offering **advanced remote monitoring and control** features.

MAIN FEATURES

- Remote control of Ratdown systems (activation, configuration, etc.)
- Continuous site monitoring
- Real-time rodent activity tracking
- Integration of photos and videos alongside detections
- Configurable alert thresholds and instant notifications
- Automated report generation
- Assistance in defining rodent control protocols
- Detection or counting mode
- Compatible with 4G and LoRa networks



Applicator Gun

Reference: PIST PFP FOAM
Sold individually

The dual-barrel applicator gun is designed for use with PFP Foam two-component cartridges. Compatible with 400 ml **bi-components cartridges**. Mechanical operation.
Weight: 1.49 kg



Stand for CAO4

Reference: CHEVALET
Galvanized steel – Sold individually

Galvanized steel stand allowing the installation of a mobile and autonomous CAO4 unit. Provides centralized protection with **adjustable speaker mounts for directional or 360° coverage**.



Protective Enclosure for Trap

Reference: CITADELLE
Galvanized steel – Sold individually

Safely install the RDVBT trap in **parks and public spaces**. With Citadelle, the trap is accessible only to rodents and authorized personnel. Can be anchored to the ground.



Battery Charger / Booster

Reference: CHARGEURBAT

Enables fast recharging of 12 V batteries. Includes a "Fast Charge" function.



12 V Battery

Reference: BAT12

Lead-acid battery, 12 V 7.0 Ah.



RD Pure

Reference: RDPURE
Packaging: 5 L canister

RD Pure is a **preservation liquid** with **antimicrobial and bacteriostatic properties**. It stuns rodents, prevents decomposition after elimination, and neutralizes unpleasant odors.



Request a quote

Submit your quote requests online, 24/7, directly on our website.
You'll receive your quote within 24 hours (business days).



Professional Portal

Pest control professionals can place orders directly through the Ratdown professional portal, available 24/7. This platform is entirely dedicated to your business needs.



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35520 La Chapelle
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[www.ratdown-
pestcontrol.com](http://www.ratdown-pestcontrol.com)



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