

**VERMIN**  
BIELEFELD

**KOPIETZ GMBH**

Pest control that gets to the point

## An overview of the most important pests

### ■ Health pests

Pests that harm the health of people and animals (e.g. cockroaches, rats, mice)

### ■ Storage pests

Pests that attack food or animal feeds (e.g. moths, flour beetles, weevils)

### ■ Material pests

Pests that damage animal or plant-based materials (e.g. skin beetles, woodlice, silverfish)

### ■ Vermin

Pests that are mainly perceived to be annoying (e.g. wasps, ants, house crickets)

### ■ Parasites

Pests that bite people and pets, and feed on their blood (e.g. fleas, ticks)

### ■ Property pests

Pests that damage property and facades (e.g. pigeons)



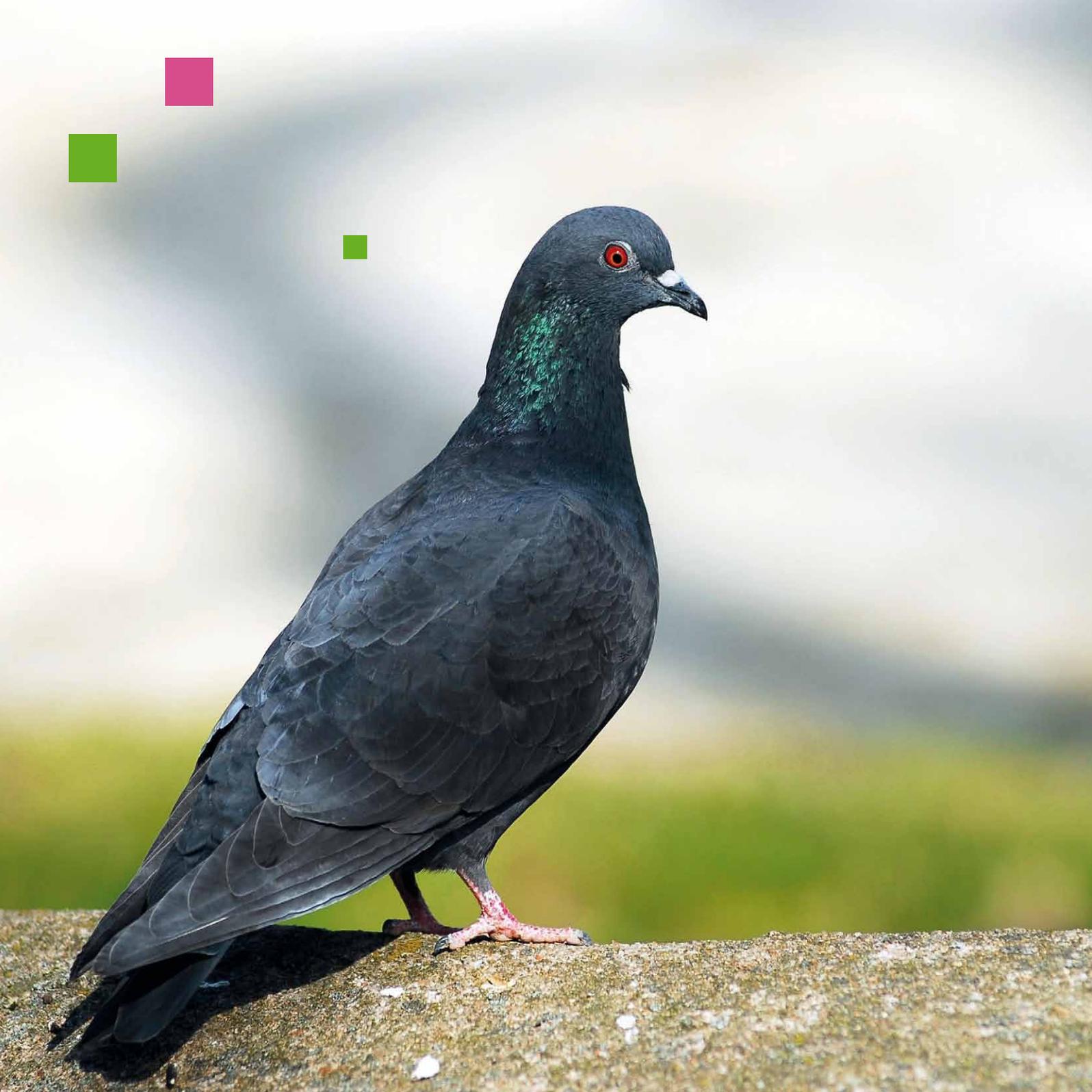
## Species identification service

Just send us the insect in a suitable container by mail. Once we receive it, we will advise you how to proceed with deterring or combating the species as soon as possible.

## How we can help you

- **Risk and environmental analysis:**  
Individual analysis, inspection, advisory services, species identification
- **Possible solutions:**  
Professional advice on controlling and preventing pests, together with sustainable possible solutions
- **Monitoring:**  
Setting up and controlling the monitors, bait stations and visual inspection points
- **Ecological pest control:**  
Effective control measures that are environmentally compatible
- **Documentation:**  
Detailed reports after completion of each job, as per DIN ISO 9001, HACCP standards, IFS, BRC, etc.
- **Inspections:**  
Automatic inspection intervals by prior appointment
- **Emergency service:**  
On site as fast as possible when infestation occurs
- **Sustainability:**  
Minimum pollution, successful pest control with least possible material deployment



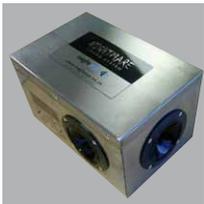




## All types of bird deterrent solutions

The bird deterrent systems that we set up deprive the birds of landing space. Virtually invisible nets, for example, or spikes, sound pressure or electrical systems, or dummy birds of prey dissuade the birds from landing.

We can professionally plan and arrange for the installation of your bird deterrent systems by TÜV-certified experts. Areas requiring special consideration include effectiveness, fabric of the building, areas requiring protection, fastening options, and visual impairment.

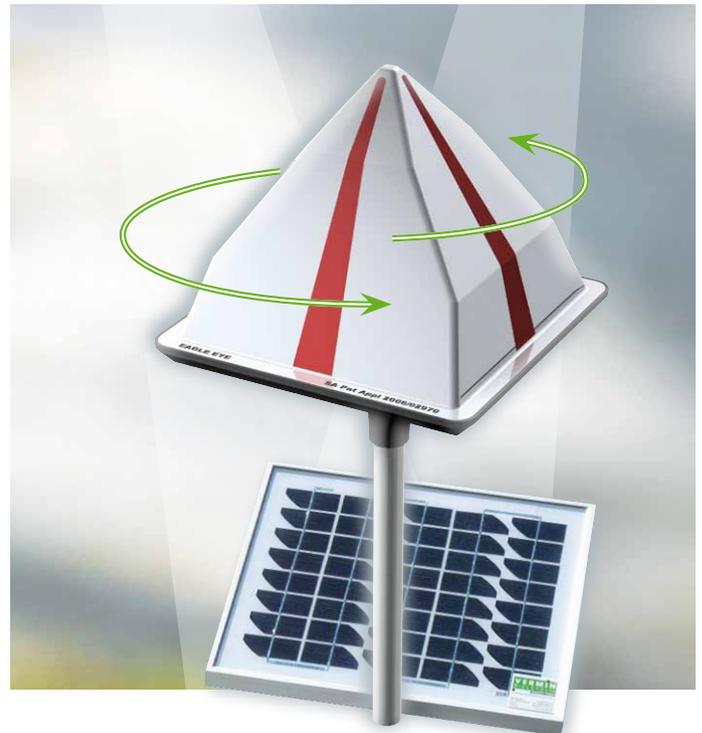


For more information about our bird deterrent solutions, please visit:

[www.vermin.de](http://www.vermin.de)

## Eagle Eye Bird Control: Light reflection for innovative bird deterrence

- The Eagle Eye system is a recognised and revolutionary development in the field of bird deterrence.
- Now in use successfully around the globe, the Eagle Eye system uses reflecting light rays from the sun or artificial light sources (e.g. spotlights) to imitate the presence of birds of prey.
- The first system that successfully prompts birds to relocate from areas where they are not welcome, without harming them.
- Bird infestation is reduced by up to 80% within three months
- Does not harm the birds!
- Superbly effective!



## Permanent Monitoring 2.0: Software-based system for monitoring rodent infestations

All operations which manufacture, process, distribute, store or transport food are obliged by EU food hygiene regulations to implement and maintain an in-house inspection system that ensures that food is not negatively influenced by biological, chemical or physical influences. In terms of biological influences, animal pests represent a high potential risk. Baits with rodenticide are not used for rodent control in sensitive internal areas due to the risk of cross-contamination.

The alternative solution is to use poison-free living traps. According to the German Welfare of Animals Act, traps have to be checked every day, however, which takes time and costs money.

With Permanent Monitoring, the pests are continuously monitored with immediate automated notification sent straight after a pest is captured, meaning that fewer man hours are required (the traps only need to be checked when notification of capture has been received). This saves both time and money.

Every rodent station is equipped with a transmitter module which reacts to thermal movement. Notification is automatically sent immediately after capture. The signal is registered by the transmitter and the pest control officer is notified by email, and can respond immediately to every capture notification. The infested bait stations are documented both in terms of location and time of infestation using a web-based notification list and are accessible online at any time.



### GSM box

Receives the data from the transmission units and sends it to the pest control officer.



### Transmitter unit

Reports capture based on movement and heat; sends data to the GSM box.



### Repeater

Receives the signal from the transmitter unit, amplifies it and sends it on to the GSM box.







## Key advantages of online documentation:

- Clear layout of all documented lists and plans
- Documentation of structural and hygiene deficits
- Retrieve statistics, trend analyses, etc.
- Access to all quality-relevant data, such as safety data sheets, product literature, technician qualifications, certifications, etc.
- Access to current worldwide monitoring status
- Real time data available at any time
- Retrieve the data on the monitor or as a printout
- Customer data security guaranteed
- No waiting time for auditors

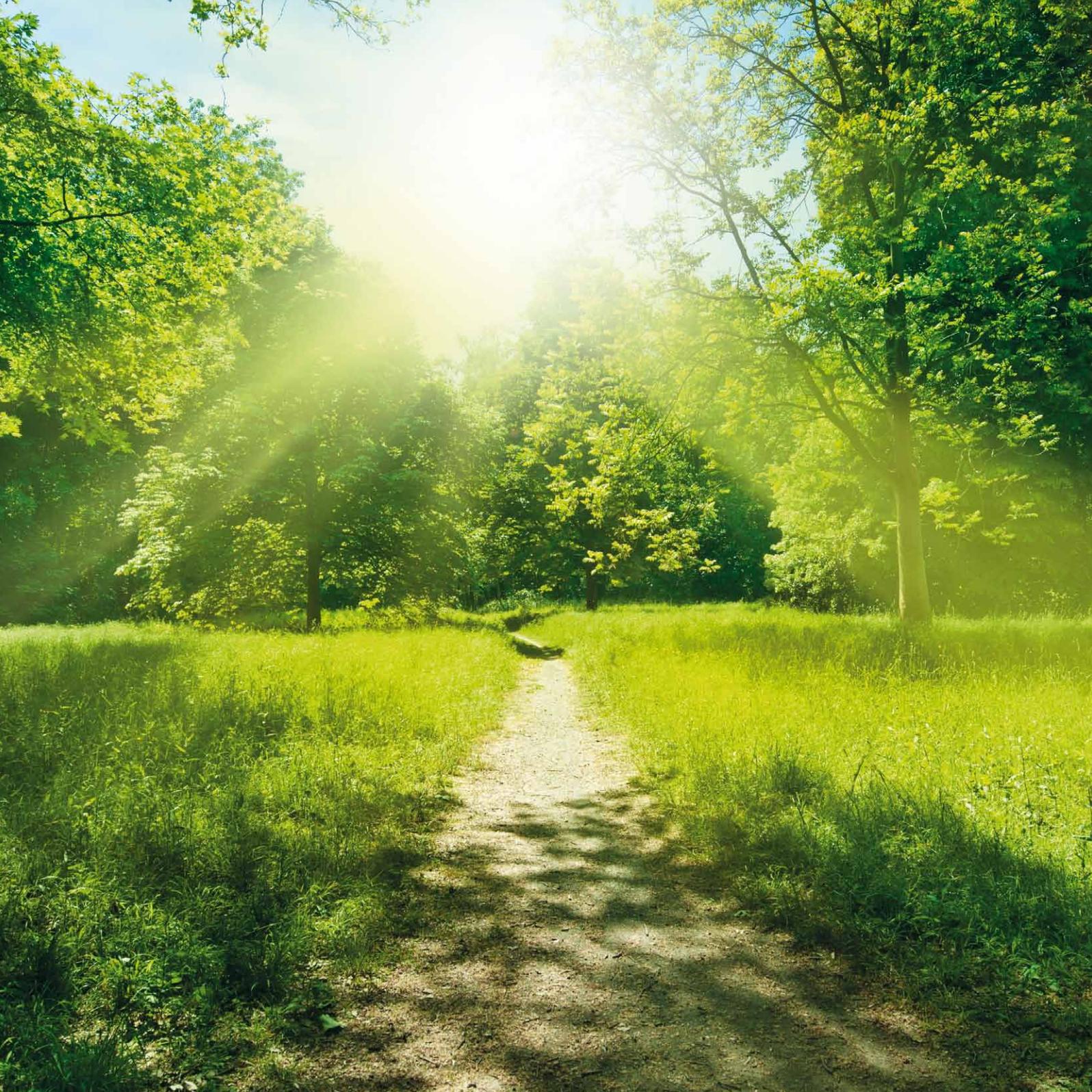


## Rules, standards and laws

Services are provided in accordance with HACCP standards, EN ISO 9001 and currently applicable laws and guidelines.

- Biocidal products directive (regulates the marketing and use of biocidal products in Europe, 98/8/EC)
- Risk mitigation measures (RMM)
- German Pest Control Technical Regulations and Standards (TRNS)
- German Technical Regulations for Hazardous Substances (TRGS 512 + TRGS 523)
- DIN standard for Food Hygiene and Pest Control in the Food Sector (DIN 10523)
- German Food Hygiene Regulations (LMHV)
- German Ordinance on Hazardous Substances (GefStoffV)
- International Food Standard (IFS)
- German Infection Protection Act (IFSG)
- British Retail Consortium (BRC)
- German Chemicals Act (ChemG)
- German Law on Food and Feed (LFGB)
- German Hunting Regulations (BjagdG)
- German Welfare of Animals Act, section 11 (TschG)
- Species Conservation







## Ecological pest control: Environmentally friendly, with minimum use of hazardous substances

Nowadays, environmentally friendly pest control with minimum use of hazardous substances is possible without the risk of compromising success. Although the means and techniques have been available for a long time, it takes thorough understanding and years of experience to enable the development of alternative concepts.

We continuously train our staff and guarantee ecological pest control without increased risk exposure.



## Ecological pest control – what does that mean?

The aim is to avoid using chemical agents, and to work successfully with ecological and biotechnical systems. As environmentally-minded experts, we primarily perform environmentally friendly pest control with minimum use of hazardous substances. Without having to compromise on success. Please feel free to ask us for advice.

We are a member of the German  
association for promoting envi-  
ronmentally-friendly pest control.



## Disinsectisation without the use of poison: Ultimate thermal disinsectisation with ThermoNox

This method is ideal for eliminating both food pests, e.g. moths, weevils, mealworms, etc., and house pests, e.g. woodworm, bugs (incl. bedbugs), mites, clothes pests, etc.

The technique can be used in industrial buildings, but also in rooms and areas containing flammable dust.

### Areas of use

- Private homes and living areas
- Hotels, motels, youth hostels, etc.
- Trains, aeroplanes and vehicles
- Food operations
- Mills
- Bakeries
- Pet food operations
- Concentrated feed plants
- Catering, etc.



### Advantages of ThermoNox thermal disinsectisation

- Completely non-toxic
- Cost efficient, recycling technique is used to warm the ambient air
- Simple to implement, the electric stoves can be moved anywhere and put to flexible use
- No risk for staff, neighbours or the environment
- No problems with residue in machinery or products
- No official licensing procedures or regulations
- Successful pest control, even in winter
- Eggs are reliably killed
- Pests emerge from their hiding places and become visible
- ThermoNox thermal disinsectisation is an in-house matter: It is aesthetic and not detectable from the outside.

## We operate in the following areas:

- Food industry
- Beverages industry
- Consumer markets
- Hypermarkets
- Storage warehouses
- Logistics companies
- Old people's homes
- Clinics
- Kindergartens
- Pet food production
- Municipal and council administrations
- House administrations
- Residential property companies
- Pharmaceutical and chemical companies
- Hotel and catering operations
- Waste recycling and disposal
- Fat melting operations
- Baths and spas
- Agricultural operations
- Private homes, etc.



## Moulds – insidiously harmful to health



Mould is created by fungus spores germinating on organic material. Moisture content plays a key role in this process. If large concentrations of fungus spores occur in our environment, they can cause health disorders and allergies among sensitive people.

Moulds are micro-organisms that reproduce with spores. They are suspended in air, invisible, and can settle anywhere.

### What we can do for you:

- Analysis and proof of moulds
- Advice on suitable methods of elimination
- Development of a decontamination concept
- Assessment of structural building criteria, such as warmth, moisture, ventilation, surface temperatures, etc.
- Advice on preventing and avoiding mould

## Wood and building protection



Moisture and wetness only attack wood indirectly; mould and rot can only set in if the wood is permanently wet. The most frequent causes of dry rot include damages to the fabric of a building that are not rectified in good time.

Plants that damage wood include moulds and fungus. They destroy the wood by decomposing the cellulose (brown rot), the lignin (white rot), or both.

### The three most frequent types of timber mould in buildings or under roofs are:

- True dry rot
- Brown cellar rot / wet rot, and
- Antrodia.

## Fumigation: An important step to protect stores



Many goods imported from abroad must be protected against feeding damage to keep both quality and product intact. Equally, the same procedure must prevent non-native insects from being introduced into Germany or the EU.

### Goods that are frequently subjected to fumigation:

- Foodstuffs (e.g. spices)
- Stimulants (e.g. tobacco)
- Textiles, hides, skins
- Furniture, rattan, wicker products
- Decoration items

However, the International Standards for Phytosanitary Measures (ISPMs) also specify the treatment of

- wood packaging and
- packing and storage crates.

Fumigated containers and treated wood must be marked accordingly. Fumigation in, for example, grain mills and silos is another key element for protecting health and stores.



### Ground fumigation

Numerous holes and displaced turf canopies are a clear sign of vole infestation. We can offer sustainable solutions to protect various properties.

By pumping a fumigation agent into the tunnel systems, we can effectively eliminate the vermin. The agent acts immediately, but does not harm people or pets.

# ZERTIFIKAT

für das Managementsystem nach  
**DIN EN ISO 9001 : 2008**

Der Nachweis der regelwerkskonformen Anwendung wurde erbracht und wird gemäß TÜV NORD CERT-Verfahren bescheinigt für

**Vermin-Bielefeld Kopietz GmbH**  
Beckheide 9  
33689 Bielefeld  
Deutschland

mit dem Standort gemäß Unterzertifikat Nr. 08 10

Geltungsbereich

**Herstellung und Vertrieb von Schädli-  
Entwicklung von Produkten und Se-  
Durchführung von Schädlingsbek-  
und anderen damit verbundenen**

Zertifikat-Registrier-Nr. 08 100 982062  
Auditbericht-Nr. 3510 9650

**G. Bröntigam**  
Zertifizierstelle  
der TÜV NORD CERT GmbH

Diese Zertifizierung wurde  
regelmäßig überwacht.

TÜV NORD CERT GmbH



**TÜV NORD**

# CERTIFICATE

Management system as per  
**DIN EN ISO 9001 : 2008**

In accordance with TÜV NORD CERT procedures

**Vermin-Bielefeld Kopietz GmbH**  
Beckheide 9  
33689 Bielefeld  
Germany

with the location accordance with sub-c

applies a management system in line with the above stan

**Manufacturing and sales of pesticide,  
as well as pest control, prevention me**

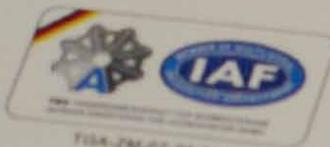
Certificate Registration No. 08 100 982062  
Audit Report No. 3510 9650

**G. Bröntigam**  
Certification Body  
at TÜV NORD CERT GmbH

This certification was conducted in accordance with the TÜV NORD  
subject to regular surveillance audits.

TÜV NORD CERT GmbH

Langemarckstrasse 20



TÜV NORD CERT GmbH



## A strong partner at your side – for more than 35 years

- Nationwide activities
- EN ISO 9001 certified
- TÜV-certified since 1998
- Experts in pest control and hygiene measures
- Sale of pest control agents and disinfectants
- Professional and individual advice on weak points and precautionary measures
- Training programmes, seminars and courses for our staff and our customers
- Online documentation
- Species identification





## VERMIN in Kuwait

VERMIN-BIELEFELD is taking its expertise to Kuwait. We are delighted to announce the opening of the head office in Kuwait City.



# VERMIN BIELEFELD

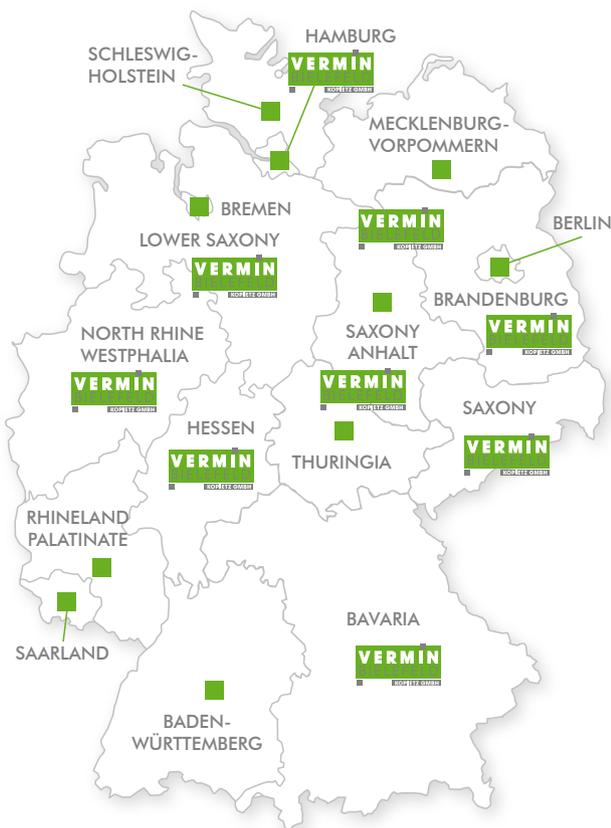
**KOPIETZ GMBH**

Pest control that gets to the point

## Further information, sales and contact details:

VERMIN-BIELEFELD Kopietz GmbH  
Beckheide 9  
33689 Bielefeld, Germany

Tel.: +49 (0)5205 9838-0  
Fax: +49 (0)5205 9838-30  
vermin@vermin.de  
[www.vermin.de](http://www.vermin.de)



Call all support centres across Germany free of charge from a German landline:

**FREECALL: 0800 9811198**

Our network of branches ensures our ability to respond quickly, dispatching a service technician to your door in next to no time.



[www.vermin.de](http://www.vermin.de)