

# Introducing The anti bed bugs sheet by 7Flies



## The idea

This insect-repellent sheet is a completely new technique that complements the existing range of repellents for use against bedbugs, ticks, fleas, mosquitoes, harvest-bugs and other arthropods.

By packing one of our sheets, you are sure to leave nothing to chance. Simply spread it out wherever you want to lie down.

Use this innovative product to sit or lie on, in order to keep creepy-crawlies almost totally at bay. Or use it as a screen to keep out mosquitoes.

When it is time to move on, the sheet goes back into your suitcase, ready for the next stage of the journey.

## The material

The sheet is made of a material that meets all of the necessary requirements in terms of:

1. Effectiveness.
2. Limiting the quantity of active substance to strict minimum.
3. Low weight.
4. Protecting your health and the environment with no side-effects and at an affordable price.



For some years it was used as a means of health protection in crisis regions. Now it is available to private customers. The use of materials is kept to an absolute minimum and totally optimized in order to achieve an overall product that is lightweight, functional, cost-effective and environmentally-friendly.

## How does the anti bed bugs sheet work?

For crawling insects – and only for them – any contact with the sheet is like touching a burning hotplate, because the bedbugs-free sheet contains a repellent substance.

Since the active substance is incorporated into the textile fiber itself during the production process, the effect is guaranteed to last practically a lifetime.

## How does the anti bed bugs sheet get used?

It is the ideal travel companion for business trips, trekking tours, pilgrimages or major events lasting several days.

When using the hotel bed cover ensure that it is placed completely ON TOP of the sheet. The sheet is only useful if there are no alternative routes that the bedbugs can use to climb into the bed.

The sheet is not a substitute for sustained pest control efforts but is a useful accompanying measure to provide immediate protection in the case of a severe infestation.

## What will I be protected against?

The sheet offers protection against bedbugs, ticks, harvest-bugs, fleas, ants and other crawling insects and arthropods.

If you roll yourself in the sheet or use it as a cover or screen it can also provide protection against flying insects, such as mosquitoes, gnats and flies.

## How long does the protection effect last?

If well cared for, the protection effect lasts as long as the material itself.

## For which animals is the sheet not recommended?

Cats have a different metabolism to other mammals. The active substance is harmful to them as well as to reptiles and aquatic animals.

## What about protecting the environment?

During the production process all solvents and residues are recuperated and recycled so that the waste water is free of contaminants. Since permethrin, like all pyrethroids, is highly toxic for aquatic animals, this makes the process particularly environment-friendly.

### How much protection do I get in the case of a severe infestation?

Sniff the air in the room you intend to spend the night in. A severe bedbug infestation can often be detected as soon as you open the door due to its unpleasant sticky-sweet smell.

Under such conditions the sheet is only effective up to a point: some 2.5 % of the bedbugs are likely to resist the repellent effect. While in the case of ten bedbugs, practically none will get through, in the case of 100 there will be two or three and in the case of 1 000 an order of 25 particularly hungry specimens will be able to get to your body despite the sheet!

Avoid sleeping in strongly infested rooms whenever possible.

The sheet's white color offers you an additional safety guarantee: any insect that is able to find its way into your bed will be easily visible.

### How do I check that the repellent effect still works after a long period of use?

Place a few ticks, bedbugs, ants, flies or mosquitoes on the sheet and keep them there for a few minutes, for example using a glass. Afterwards observe their behavior for a while.

You will easily be able to see whether there is any resistance to the repellent, for example on the part of bedbugs.

Approved internationally by Oeko-Tex® Standard 100 for textile products of all types which pose no risk whatsoever to human health.



### We have made it our job to protect people in an environmentally-friendly and effective way against diseases than can be transmitted through insect bites.

With your sheet create a small safe haven for yourself.

We can at last offer you this product thanks in large part to the efforts of our pest control expert, biologist Eva Scholl, who after more than 25 years of professional experience is a leading expert in this field and knows how to treat all kinds of infestations.

### An innovative product

During the production process an active substance that repels arthropods is incorporated as a fiber copolymer into the fabric of the sheet. The substance thereby remains embedded in the material, guaranteeing a lasting effect and protection of the environment.

This patented process is an innovation on the world market: to our knowledge it is the only process involving the use of an insect repellent in which the active substance remains intact for re-use.

### Our Team

#### Eva Scholl (Entomologist)



Eva, a qualified biologist, has been working as a pest control consultant for over 30 years. Her special field is to provide advice on sustainable forms of pest control and prevention to private individuals, local authorities, associations and companies. Eva has been studying ticks for many years. She has made many public appearances, gives regular lectures, is an active participant in numerous events and has published countless studies and articles.

#### Hannah Schulz



Hannah is the Director of 7flies UG, the company which markets Bettwanzen-frei™ (anti-bedbug), Zecken-frei™ (anti-tick) - and anti-insect sheets.

She spent several years as project manager, head of content and a leading member of the quality management department in an E-learning company. After a 4-year baby break she is now back on the saddle in order to manage our company.

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