

Entotherm

Innovative Chemical-free Pest Control Treatment



Rentokil's **NEW** Entotherm technology eliminates insects, mould and pathogens through the application of dry heat. The chemical-free treatment is quick and efficient to apply and reaches all areas of the infestation: even insects in wall cavities, crevices and other hard to reach areas are eliminated.

Entotherm kills all lifecycle stages of insects including eggs, making it much more effective in dealing with infestations than chemical sprays. In addition, only one treatment is required, so the pest problem can be solved quickly with minimum disruption to your business.

Entotherm heat treatment will revolutionise the way that Rentokil treats insect infestations, particularly those involving bed bugs and cockroaches.

Benefits to your business

- **Minimal business disruption.** Single, quick, efficient treatment solves pest problems.
- **Protects your business reputation.** Pest problems are solved quickly and effectively.
- **Chemical-free process** allows treated areas to be re-used directly afterwards, with no residual side effects.
- **Versatile,** with the option to treat multiple areas simultaneously, hence saving time.
- **Removes cost** of disposing of items that cannot be chemically treated eg. mattresses, furnishings.



Suitable for a range of customers, including:

- Hotels and guest houses
- Food manufacturers
- Food retailers
- Public transportation
- Residential and care homes
- Shipping containers

How does Entotherm work?

The Entotherm process works by heating up an infested premise or object to 56°C. At this temperature all life stages of insects, from eggs and larvae to adults, will die within an hour. The heat kills the insects in two ways: denaturing the proteins within the insect's body and disrupting the waxy layers on the outside of the insect, causing dehydration.

Entotherm uses a mobile system that can deliver dry transferable heat to any contained area, large or small. The process works by heating a liquid syrup and delivering it through insulated pipes to heat exchangers which are placed inside the pest infested treatment zone. The heat exchangers convert heat into hot dry air which is discharged at a pre-determined temperature.

Strategically placed electronic heat probes monitor and record the core temperature, and ensure an even heat distribution. The process is monitored remotely on a laptop, producing a computer generated graph as proof of heat exposure for an adequate period of time. The treatment zone is heated to eradicate pests, but not enough to cause any structural damage.

Entotherm is suitable for treating a wide range of environments and materials, and is approved as an International Standard for Phytosanitary Measures (ISPM) 15 wood treatment.



To arrange a free survey of your premises, or to gain further information on Entotherm please contact us.

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Visit us at
rentokil.co.uk