

BB ALERT Monitoring Products



Proactive Monitoring

Most Bed Bug infestations begin with a small number of insects that are transported into the structure. While the infestation remains at this size it is rarely detected.

Once established, Bed Bugs in a human structure are provided with almost ideal conditions - no parasites or predators to limit their development, a constant temperature close to the optimum for a high reproductive rate, and an ample food supply (experience with large infestations shows that just one human host can provide sufficient food for many thousands of Bed Bug adults and nymphs). This almost always leads to an exponential growth of the infestation which, if not controlled, may reach many thousands of insects within a few months.

As the Bed Bug population grows the infestation spreads. Bed Bugs prefer to spend most of their time in tiny crevices close to the host's resting area but, as the growing population fills these primary harbourages, less optimum hiding places further from the host are colonized. Eventually the infestation may expand to adjacent rooms and even conjoined structures.

The best preventive solution to the potential for Bed Bug infestation is to find the Bed Bugs before they have had chance to develop into a large problem. If Bed Bugs are found while the population is small and contained the remedial treatment is less disruptive, less costly, and has an improved chance to rapidly achieve total elimination of the problem.

Unfortunately, this is impractical using the traditional methods of inspection by a specialist.

Their size, habits, and the very close association of Bed Bugs with personal human belongings, makes them a difficult pest to find. Successful inspection for Bed Bugs must be very detailed, and often requires specialist experience to locate the small number of insects found in an initial population. This makes these inspections time consuming and expensive, and only cost effective when a Bed Bug infestation is suspected.

The **BB ALERT®** monitors provide a cost effective solution to the problem of early detection of Bed Bugs. They are discreet, simple to use, pesticide free, and available for use by both professional pest control specialists and homeowners.

Post Treatment Monitoring

A Bed Bug problem is an unpleasant, costly, and distressing experience, and one that should never have to be repeated. Unfortunately, the success rate of remedial treatments for Bed Bugs is not 100% and, even when elimination has been achieved, the potential for re-infestation remains.

The **BB ALERT®** monitors provide reassurance that a remedial treatment for Bed Bugs has been completely successful, and ongoing confirmation that a structure remains Bed Bug free.

BB ALERT® Passive

The **BB ALERT®** Passive Bed Bug monitor is easy to install and quick to check. It designed for routine long term monitoring of susceptible areas, and provides an inexpensive way to discreetly detect the early signs of Bed Bug activity.

The **BB ALERT®** Passive Bed Bug monitor contains no pesticides, requires no maintenance, and will provide continuous monitoring for up to 12 months. It is available for use by home owners, pest control professionals, and in-house commercial service and maintenance staff.

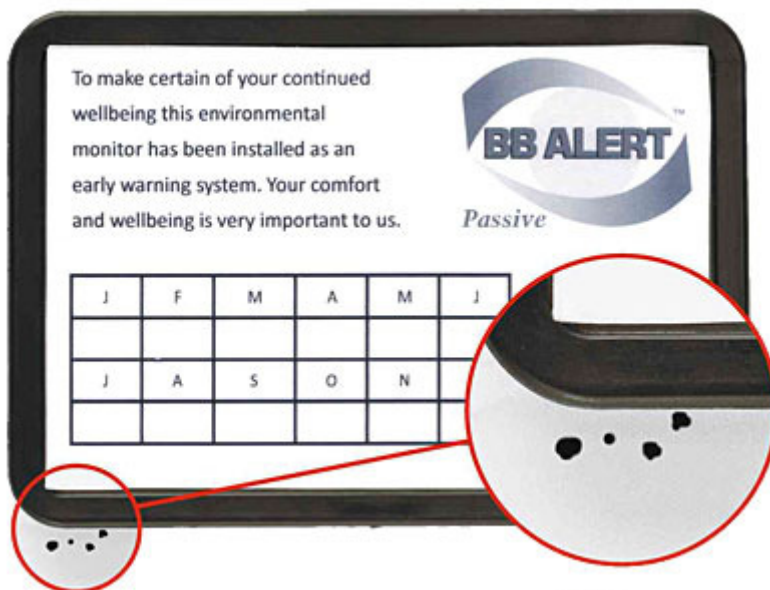
How BB ALERT® Passive Works



BB ALERT® Passive is designed to provide an ideal harbourage for Bed Bugs. When the monitor is placed in proximity to potential feeding sites, the large number of small crevices it contains are highly attractive to Bed Bugs as a potential harbourage. The monitor incorporates a white band around the exterior, which clearly shows the faecal staining of Bed Bug activity when the insects are present. Early detection of Bed Bug activity is acknowledged as a key factor in reducing the disruption, cost and effort of remedial treatment. Bed Bugs are notoriously cryptic pests, with most infestations remaining undetected until they reach a significant size.

The **BB ALERT® Passive** monitor is a discreet alternate to the labour intensive task of routine inspection for the presence of Bed Bugs.

As the **BB ALERT® Passive** name implies, this monitor contains no moving parts or consumables. Its simplicity allows it to provide continuous unattended monitoring for up to a full year, making it very cost-effective.



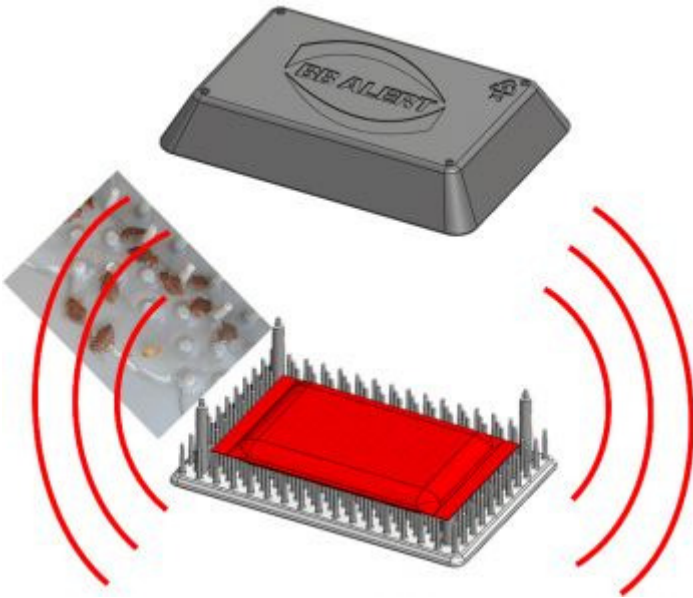
BB ALERT® Passive is a monitoring device to provide early detection of Bed Bug activity. Although Bed Bugs feed exclusively on the blood of warm blooded animals, they prefer to live in narrow spaces close to their host, such as cracks and crevices. When feeding, the Bed Bug becomes engorged and swells to accommodate the meal. This would prevent it from returning to the safety of its preferred harbourage, and so it voids the excess water from its meal, retaining only the nutrients and solids. This leaves distinctive black sticky marks close to the resting sites.

BB ALERT® Active

The **BB ALERT® Active** Bed Bug monitor is a revolutionary new attractant device for Bed Bugs. It is designed for use as a stand alone Bed Bug detector for susceptible areas, or to support and monitor the progress of Bed Bug elimination programs.

The **BB ALERT® Active** Bed Bug monitor is discreet, easy to install and use, and contains no pesticides. It is available for use by home owners, pest control professionals, and in-house commercial service and maintenance staff.

How BB ALERT® Active Works



BB ALERT® Active is a Bed Bug detector and monitor. As its name suggests, it is designed to be actively attractive to Bed Bugs.

Bed Bugs feed exclusively on the blood of warm blooded animals (specifically, people) and they use a number of "clues" to help locate their meals. **BB ALERT® Active** simulates the warmth and respiration that Bed Bugs use as indicators to find their hosts.

The **BB ALERT® Active** replaceable activator is supplied in a sealed package. When opened and exposed to the air it starts to generate heat and moisture, which together are mimics of the mammalian respiration signs that triggers a feeding response in Bed Bugs. The activator is placed inside the **BB ALERT® Active** base and enclosed by the insulated top cover.

When in use, the insulated top cover leaves a specifically designed gap around the unit's base. This restricts the flow of air, creating a micro-climate within the device and a controlled flow of heat and moisture to the outside. This temperature and humidity gradient leads the Bed Bug to the trap.

Around the base of the **BB ALERT® Active** are rows of small spikes. These mimic the hairs typically found on mammals, and provides discretion for the unit's contents. Inside the base

of the unit is the insect adhesive that traps the Bed Bugs.

Years of trials and field tests with "live" Bed Bug infestations have demonstrated that the **BB ALERT® Active** will detect large numbers of nymphs as well as adult Bed Bugs.