



APPLICATION TIP

INSTALLATION OF *ACTIVEGUARD*® MATTRESS LINERS

Given the variety of bedding systems in the hospitality sector (and other verticals, as well), queries as to how best install *ActiveGuard*® Mattress Liners frequently arise. A few points you may wish to consider before making a recommendation:

- *ActiveGuard*® works through contact; the greater degree of surface area, the better efficacy in killing bed bugs.
- If the customer wishes to enjoy both bed bug prevention/control and a hypoallergenic sleeping environment by reducing dust mite allergens, installation **MUST** include the top of the mattress with the liner in the standard position.
- As part of an active infestation program, liner coverage on both the mattress and box spring is optimal.
- Best management practice indicates that in an active infestation, the fabric dust cover underneath the box spring must be removed to gain treatment access to the void underneath. In this instance, installation of the liner on the box spring is best considered in the inverted position, where the main panel of the liner situates where the dust cover once resided.
- Cost concerns may reduce installation to one site; box springs represent a more likely repository for bed bugs.
- PCOs and customers may express concern over lying in proximity to a pesticide impregnated liner; simply place the liner on the box spring for equivalent efficacy while removing this concern.
- Often bedding (e.g., dust ruffle) will cover most of the contact surface; always consider placing *ActiveGuard*® in an orientation that exposes the most amount of the fabric.

Here are examples to consider:

1) **Murphy-like pull down beds:** As no box spring exists for this type of bedding, place *ActiveGuard*® directly onto the surface of the mattress where the main panel of the liner resides directly on the sleeping surface. If a mattress pad is used, this pad should be placed on top of the liner. It is preferred, but not mandatory, that the mattress pad be of the panel type with four (4) elastic bands securing the pad to the mattress.

2) **Sofa beds:** As no box spring exists for this type of bedding, place *ActiveGuard*® directly onto the surface of the mattress where the main panel of the liner resides directly on the sleeping surface. If a mattress pad is used, this pad should be placed on top of the liner. It is preferred, but not mandatory, that the mattress pad be of the panel type with four (4) elastic bands securing the pad to the mattress.

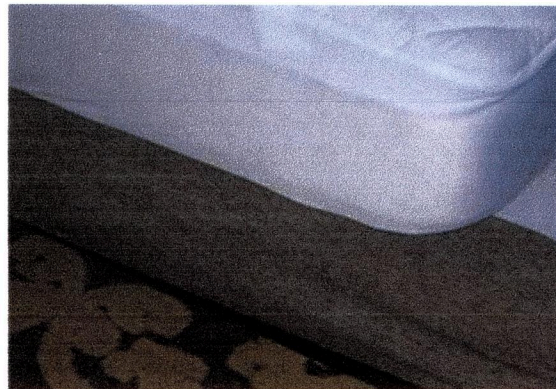
3) **Standard mattress and box spring with open box spring dust ruffle:** In those instances where the box spring's dust ruffle is open-ended (cascades down toward the floor), *ActiveGuard*® should be installed in the inverted position, directly onto box spring and under ruffle. In this configuration, the main panel of the *ActiveGuard*® Mattress Liner will be directly facing the void underneath the box spring (typically covered with a translucent fabric cover), and the sides of the liner will then be covered by the dust ruffle that is placed over the box spring.

4) **Standard mattress and box spring with a fitted decorative box spring fabric covering:** In those instances where the box spring is covered by a decorative fabric enclosure, *ActiveGuard*® should be installed in the inverted position, directly onto box spring and under the fitted box spring cover decorative panel, but over the fitted white box spring cover (see below). In this configuration, the main panel of the *ActiveGuard*® Mattress Liner will be directly facing the void underneath the box spring (typically covered with a translucent fabric cover), and the sides of the liner will then be inserted between the white box spring cover and the decorative panel (in contact with both surfaces).

Placement of *ActiveGuard*® inverted directly onto box spring covered by the fitted box spring cover



Final visual with *ActiveGuard*® fitted underneath the fitted box spring cover



5) **Designer/Custom/Adjustable beds:** There are a number of mattress and box spring styles that involve customer adjustment controls, many of which can be found on the side of the bedding and pose problematic for secure fitting of an encasement. Given the configuration of *ActiveGuard*® Mattress Liners and the fabric's intrinsic elasticity, the liner can easily be placed over these controls. In addition, as the *ActiveGuard*® continues to work if ripped or torn, a small slit can be made into the liner providing access to these controls while the liner remains in place.