### BEDBUG BARRIER SYSTEMS

Effectively Controls: Bedbugs, Fleas, Ticks, Mites, Scabies, Silverfish,
Carpet Beetles, Cockroaches & German Cockroaches





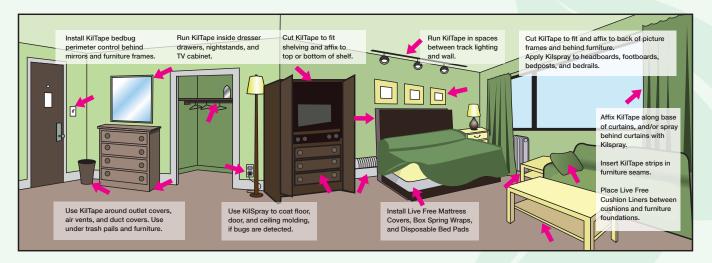
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### Where to Use Live Free Products



GOAL is to place the Live Free Products in the path of the moving bedbug or in areas where they nest or colonize.

#### **Bedbug Facts:**

- · Bedbugs like dark places.
- · Bedbugs are attracted to carbon dioxide (CO2).
- Bedbugs are drawn/attracted to warmth and blood.
- Bedbugs hide underneath, in cracks/crevices, and behind furniture (headboards, nightstands, mattresses, box springs, sofas, chairs, TV cabinets, chest of drawers, and other furniture items).
- Bedbugs hide inside small cracks and crevices (along baseboards, inside outlet and light switch plates, in corners of closets and walls).



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#### Emergency Response and Integrated Barrier 3-Step System

Choose Your Purpose

- ☐ Prevention
  select: Room Perimeter Kit
- ☐ Response select: Emergency Response Kit

2. Select Your
Type
of Room

- ☐ Bedroom
  select: Mattress Cover
- ☐ Living Room/Any Room
  select: Perimeter Kit and Furniture Kit

3. Install

- Combine the two kits to install the complete barrier system
- Accessories available for unique rooms where additional materials are required



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## PREVENTATIVE

PRODUCT	INCLUDES						
Live Free Prevention Room Perimeter Kit	<ul><li>70' of 1.5" KilTape</li><li>Thirty (30) Leg Booties</li><li>18' of 2.5" KilTape</li></ul>						
Live Free Mattress Cover	STANDARD	DEEP					
	-Fits mattress depths 9"-13"	-Fits mattress depths 14"-18"					
	• 39"x 75" (twin)	• 39"x 75" Deep (twin)					
	• 39"x 80" (twin XL)	• 39"x 80" Deep (twin XL)					
	• 54"x 75" (full)	• 54"x 75" Deep (full)					
	• 54"x 80" (full XL)	• 54"x 80" Deep (full XL)					
	• 60"x 80" (queen)	• 60"x 80" Deep (queen)					
	• 78"x 80" (king)	• 78"x 80" Deep (king)					
	• 72"x 84" (Cal king)	• 72"x 84" Deep (Cal king)					
Live Free <b>Furniture Kit</b>	<ul> <li>Four (4) Cushion Liners 22"x22" (bla</li> <li>Four (4) Cushion Liners 18" x 18" (b</li> <li>30' of 1.5" KilTape</li> <li>One (1) 1 oz. KiltreX Activator Powd</li> </ul>	plack / white faces)					
	MIXING GUIDE for KiltreX Activator Pow	der Packets					
	KiltreX Powder + Distilled Water =	KilSpray Yield					
	Packet Qty Ounces Grams Ounces	Ounces Quarts					
	1 1 28.3 31 2 2 56.6 62	32 1 64 2					
	00.0						

\* refer to mixing guide



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### EMERGENCY RESPONSE

#### **PRODUCT**

## Live Free Emergency Response Room Kit

#### **INCLUDES**

- 70' of 1.5" KilTapeThirty (30) Leg Booties
  - 18' of 2.5" KilTape
  - Three (3) Containment Bags\*
  - Twenty (20) Dryer Strips
- Five (5) 1 oz. KiltreX Activator Powder Packets
- · 32 oz. Sprayer Bottle
- Paper Funnel
- Tool Kit

MIXING GUIDE for KiltreX Activator Powder Packets									
KiltreX Powder		+	Distilled Water	=	KilSpray Yield				
Packet Qty	Ounces	Grams		Ounces		Ounces	Quarts		
1	1	28.3		31		32	1		
2	2	56.6		62		64	2		
4	4	113.2		124		128	4		

\*Each containment bag has one (1) 3' piece of 1.5" KilTape

Tool kit includes:

One (1) 8 oz. tube Loctite Adhesive; Seven (7) 1" "dots" Velcro; and Seven (7) 1" squares of double-face tape.

## Live Free Mattress Cover

#### STANDARD

- -Fits mattress depths 9"-13"
- 39"x 75" (twin)
- 39"x 80" (twin XL)
- 54"x 75" (full)
- 54"x 80" (full XL)
- 60"x 80" (queen)
- 78"x 80" (king)
- 72"x 84" (Cal king)

#### DEEP

#### -Fits mattress depths 14"-18"

- 39"x 75" Deep (twin)
- 39"x 80" Deep (twin XL)
- 54"x 75" Deep (full)
- 54"x 80" Deep (full XL)
- 60"x 80" Deep (queen)
- 78"x 80" Deep (king)
- 72"x 84" Deep (Cal king)

## Live Free **Furniture Kit**

- Four (4) Cushion Liners 22"x22" (black / white faces)
- Four (4) Cushion Liners 18" x 18" (black / white faces)
- 30' of 1.5" KilTape
- One (1) 1 oz. KiltreX Activator Powder Packet\*\*

\*\* refer to mixing guide above



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### **ACCESSORIES**

PRODUCT	INCLUDES									
Live Free KiltreX Activator Powder	• 4 oz. KiltreX Activator Powder Four (4) 1 oz. packets makes 1 gallon of KilSpray *Each packet comes with paper funnel.		X Powd	ler	31 62			KilS <sub>I</sub> Yie	KilSpray Yield  Ounces Quarts 32 1 64 2	
Live Free KilTape	• 50' of 1.5" tape • 50' of 2.5" tape									
Live Free Cushion Liners	<ul> <li>Four (4) 18" x 18" liners (black/white faces)</li> <li>Four (4) 22" x 22" liners (black/white faces)</li> </ul>									
Live Free Bedbug Dryer Strips	100 count box     Commercial Use: 2 dryer strips per 50lb dryer capacity									
Live Free Box Spring Wrap	• 39" x 80" (twin XL) • 78" >	f 9" < 80" (quee < 80" (king) < 84" (cal k	1							
Live Free Disposable Bed Pad	• 34" x 72" (twin) • 50" x 72" (full) • 55" x 75" (queen) • 72" x 75" (king)									

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### Live Free Bedbug Quick Start Information Guide

#### 1. Bedbugs & Their Behavior

#### · Exoskeleton (exterior) insects

- · Feed on blood (only)
- Life cycle: egg nymph adult requires blood meal to progress thru growth stages
- · Can live 1 year +
- Depending on number of feedings, female can produce hundred's of eggs over lifetime

#### • Cryptic & Nocturnal

- Live hidden in cracks, crevices, behind or under objects
- Become active at night, normally in early morning hours
- Attracted to CO2 produced by humans and body heat & move to it
- Once they find blood meal, they may bite several times to find proper feeding location and will return to their hiding space after feeding

#### • General Facts

- · Bedbugs crawl and jump but do not fly
- Hitchhikers...... primary method of moving from place to place is in boxes, containers, luggage etc.....
- · Developing resistance to approved chemical agents
- Health & Liability costs associated with bedbugs are escalating regidly.
- Increasing evidence that bedbug bites can cause infection and transmit disease
- Beyond physical damage, the mental trauma/anguish of bedbug bites can paralyze people and make them fearful of bugs being in their own home.
- Cost to eradicate in homes now can be thousands of dollars with loss of personal possessions and furniture.
- · Hotels and property owners are seeing more claims and law suites filed

#### 2. Concept & Strategy of KiltronX Products

- Create a barrier between the bedbugs and humans so that as they nest and move they will encounter and move across the KiltronX products
- KiltronX textiles are the vehicle (carrier) that is used to deploy the killing compound – KiltreX

- KiltreX is a proprietary compound that includes diatomaceous earth, soybean extracts and other inert ingredients.
- KiltreX is "green" compound. EPA Exempt & "FDA Gras"
- It acts as a "passive" killer in that it is in place and ready for a bug to crawl across fabric surface.
- Shelf life is 1-2 years. (Can't be washed or saturated with water)
- It was develop based on organic farming pest control technology
- KiltreX (microscopic powder) is released from the KiltronX fabrics and bugs move across them and coats the exterior / skeleton of the bug.
- KiltreX interrupts the normal function of the skeleton of the bug and kills it through mechanical action rather than through an ingested poison.
- KiltronX products are designed to work together to provide an integrated solution. (Work from outside perimeter of room inward to furniture)
- Installation & Maintenance See detailed instruction pages

#### 3. General Comments

- Mattress encasements are great for protecting mattress but do nothing to protect people
- Focus must move away from the bed only toward attacking the problem at the room / home level. Find hiding places and place KiltronX products there.
- · Current chemical methods are limited:
  - · Increasing resistance
  - Do not support long term control due to limited residual life after application
- Heat
  - Very expensive
  - · Can damage personal items
  - Bugs retreat into walls and deep into furniture (use as insulation) to avoid heat. Scatters them rather than kills them in many cases.



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#### Contact Us for More Information:

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