



**The New Insect and Rodent  
Exclusion System**



# The New Insect & Rodent Exclusion System

- University Tested by leading Entomologist
- Patent Pending Replaceable Insect and Rodent Repellent Seals
- Safe, Natural, EPA 25b Ingredients
- Designed to protect facilities from infestation through common insect pathways
- Exclusion System Components

- 1 Door and Garage Door Seals
- 2 Electrical Outlet and Light Switch Cover Inserts
- 3 Water Pipe Gaskets

REPLACEABLE REPELLENT

# DOOR SEALS

- University Tested
- **Repels:** Bed Bugs, American and German Cockroaches, Pharaoh Ants, Carpenter Ants, Crickets, Meal Beetles, Mice and Rats
- Stops Rodents from gnawing



Photos of University Insect Test Arenas



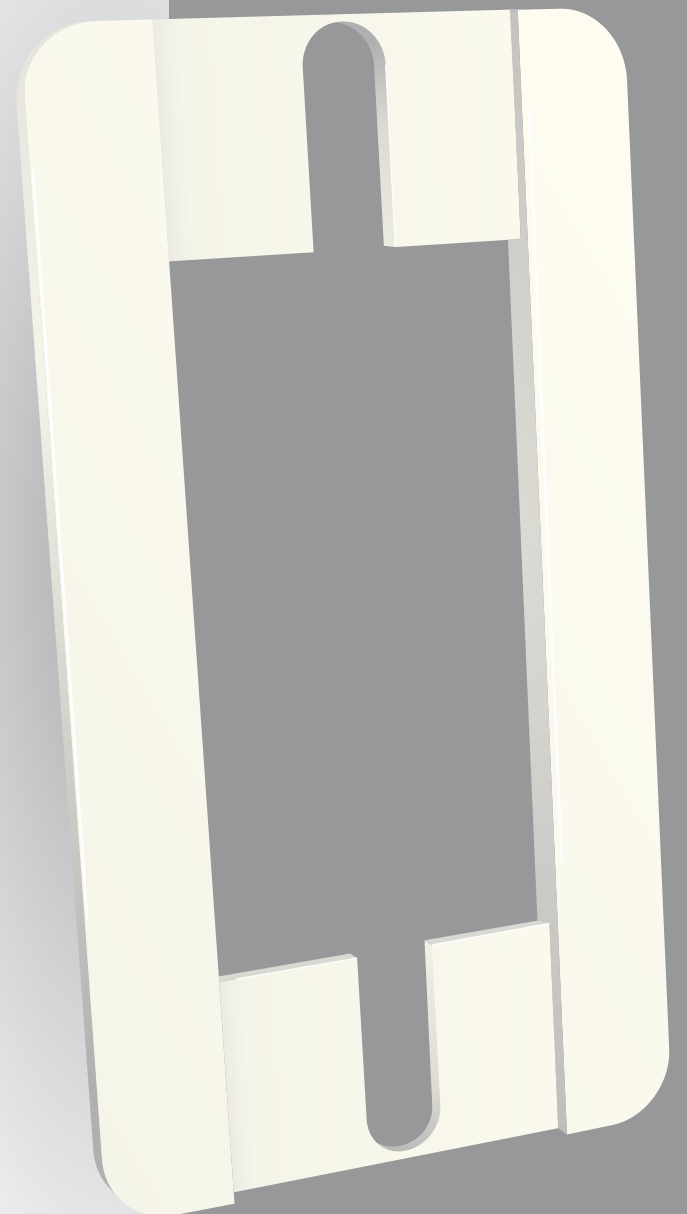
**REPLACEABLE REPELLENT**

# DOOR SEALS

- Polymer seals impregnated with safe, natural, EPA 25b Exempt ingredients
- Proven long term residual activity minimum 4 months
- Flame retardant PVC Housing Housings- flat back with permanent tape
- Engineered for easy installation and seal replacement

# **REPLACEABLE REPELLENT ELECTRICAL PLUG & LIGHT SWITCH COVER INSERTS**

- Electrical plug and switch cover inserts fit all double plug and single light switches
- Utilizes same proven technology and EPA 25b Exempt formulation as FASST Door Seals
- University Tested -repel bed bugs, ants, cockroaches, crickets and deters insects from nesting in electrical boxes.
- Meets UL 94-V Flammability Test Standards



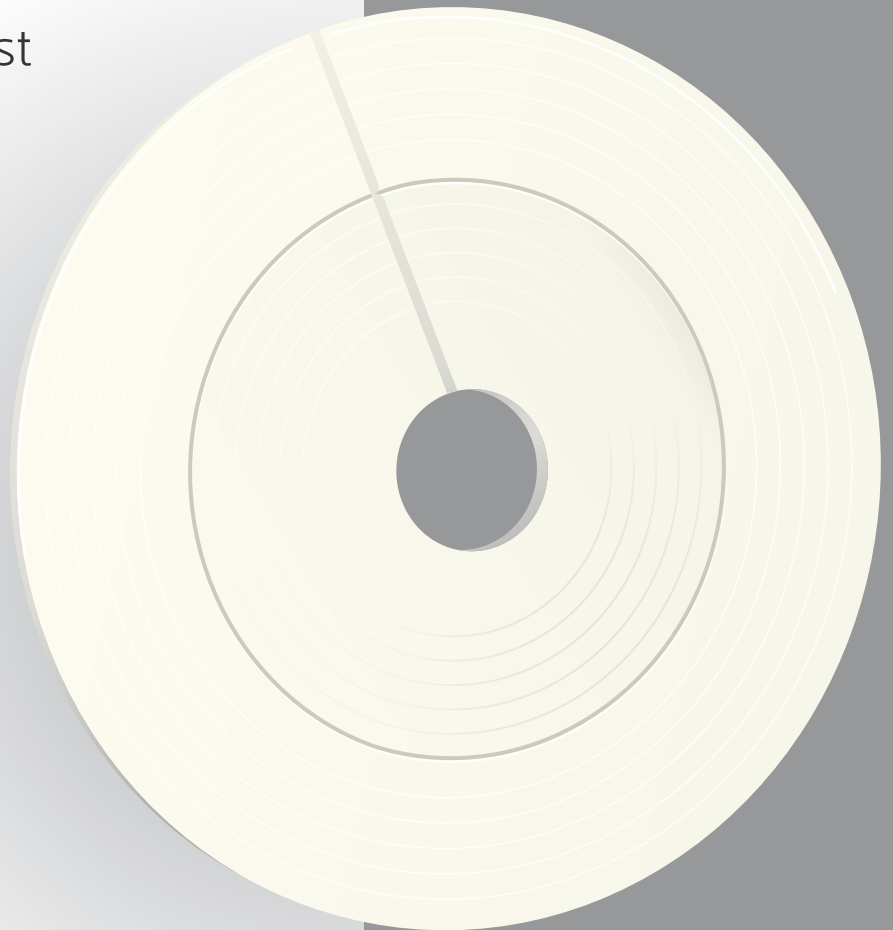
# TEST RESULTS

- The tested Active FASST Electrical Plug Cover Inserts repelled highly significantly all the tested insects with percentages ranging from 91.78% in the plate cover repellency test to 100% in the no choice electrical box insertion test.
- During practical application in the field the Inserts are expected to work both as a physical as well as a repellent barrier providing high insect barrier and repellency efficacy.



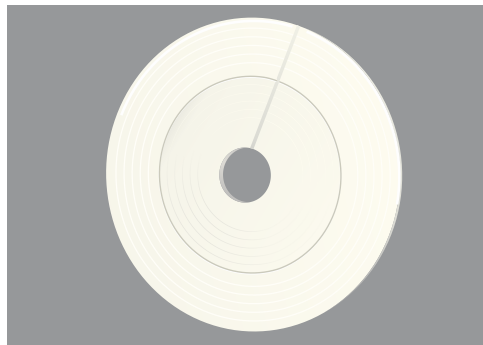
# **REPLACEABLE REPELLENT WATER PIPE GASKET**

- Universal replaceable insect repellent Water Pipe Gaskets
- One size can be easily adjusted to fit most common sized water and drain pipes



# REPLACEABLE REPELLENT WATER PIPE GASKET

- Utilizes same proven technology and EPA 25b Exempt formulation as FASST Door Seals
- University Tested: 92-97% Repellency for bed bugs, American and German cockroaches, pharaoh ants, carpenter ants, crickets, meal beetles and mice.
- Stops rodents from gnawing





FASST SEALS

# FEATURES & BENEFITS

- **Repels** a broad range of insects and rodents
- **Stops** rodents from gnawing
- Engineered and designed for fast and easy installation and seal replacement
- **Flame retardant** Electrical Cover Inserts and Door Seal Housings
- **Pleasant fragrance** helps to neutralize musty odors from carpets and wall coverings
- **Patent pending** with patented Zeolite Technology
- Scheduled seal replacement ongoing revenues

The logo is a red octagon with a white border. Inside the octagon, the words "FASST" and "SEAL" are written in a bold, white, sans-serif font, stacked vertically.

**FASST  
SEAL**

FASST SEALS

# **EXCLUSION SYSTEM MARKETS**

- Hotels, Stores, Restaurants, Fast Food, Gas Stations
- Offices, Factories, Warehouses and Storage
- Private Homes and Apartments
- Mobile Homes
- Electrical Heaters and Air conditioners
- Vending Machines
- Horse Trailers and Barns

# FASST Seals & Bed Bugs

- Anyone can bring them in. -How to prevent bed bugs from spreading?
- Helps prevent bed bug spread and infestation
- Helps minimize treatment costs
- University studies show bed bugs migrate through doorways
- Journal: **MEDICAL ENTOMOLOGY** Characteristics of *Cimex lectularius* (Hemiptera: Cimicidae), Infestation and Dispersal in a High-Rise Apartment Building
- **CHANGLU WANG,<sup>1</sup> KURT SALTZMANN,<sup>2</sup> EVA CHIN,<sup>2</sup> GARY W. BENNETT,<sup>2</sup> AND TIMOTHY GIBB<sup>2</sup>**
- *“results were obtained in a 223 unit high-rise apt bldg: 1) 101 apartments (45% of the high-rise building complex) experienced bed bug infestations (within 41 months of the introduction),; 78% of the bed bugs trapped were nymphs; an average of six bed bugs were detected dispersing through apartment entry doors every 4 wk,; adult bed bugs were 9 times more likely to disperse than nymphs; 53% of apartments adjacent to infested apartments also were infested,”*



## EPA Pyrethroid Label Changes

# FASST Seals Solution

- Pyrethroids have been found in sediment at the bottom of urban surface waters, where they are toxic to aquatic insects and other invertebrates. For this reason label changes have been made to help minimize storm water contamination from structural pest control.
- The biggest change is how pyrethroids and pyrethrins can be applied to outdoor impervious surfaces.
- Outdoor Use is NOW Limited to:
- **NOT** allowed over impervious surfaces such as concrete patios and driveways where runoff may occur after rainfall or irrigation.
- Doors, windows, eaves, soffets ONLY if they are covered by an awning or overhang
- At places where pests may enter the structure, a surface band no wider than 1 inch, Applications to the side of a building, no higher than 3 feet above grade
  - *Soil, turf, mulch, or vegetation around structures*
  - *Crack-and-crevice applications and Spot treatments equal to 2 square feet*