

URGENT UPDATE FOR CONTRACTORS, CONSULTANTS AND PROPERTY OWNERS IN AREAS AFFECTED BY 2005 HURRICANES

Mold Remediation and Disaster Recovery products from Fiberlock comply with and satisfy all recommendations and requirements of FEMA Hurricane Katrina Recovery Advisory 11/05

The Federal Emergency Management Agency (FEMA) has issued a special Hurricane Katrina Recovery Advisory 11/05 specifically intended for buildings subject to the effects of long-term flooding and widespread mold growth following Hurricane Katrina. The full text of the advisory is available online at www.fema.gov, as well as on our website: www.fiberlock.com.

Several mold remediation and disaster recovery products manufactured by Fiberlock Technologies comply with and satisfy the recommendations and requirements set forth by the Agency in both the special Advisory from FEMA "Initial Restoration for Flooded Buildings" (11/05), as well as the special Advisory, "The ABC's of Returning to Flooded Buildings" (11/05).



Workers use Fiberlock's ShockWave disinfectant/sanitizer to treat mold in a building affected by recent hurricane damage.

FEMA's recommendations include:

- Detailed cleaning and sanitizing of the remaining materials after necessary tear out with a solution of clean water and **disinfectant**.
- Moldy surfaces should be cleaned first and then **disinfected**.
- The fastest and most efficient method to clean and decontaminate materials and surfaces (including grade slabs) is by using a pressure washer to apply a **cleaner-disinfectant** solution. Following the first cleaning, floors and walls should be rinsed with water and the cleaning process redone a second time.
- Once the cleaning process is complete, the building and any remaining contents need to dry. The application of a **disinfectant** prior to drying can prevent mold growth. Materials should be closely observed and **disinfectant** reapplied at the first sight of mold.
- For crawlspaces, the underlying support structure of salvageable wooden floor joists, wood subfloors, and foundation walls should be **cleaned and sanitized**. Following cleaning, application of a wood preservative will provide protection against fungi.

FEMA also cautions recovery workers to understand the limitations of bleach, citing "distinct drawbacks" including the corrosion of electrical components and mechanical systems.

The following products are fully compliant with this special advisory from FEMA, and satisfy several criteria set forth by the agency:

Fiberlock IAQ 2500 / Fiberlock IAQ 2000

IAQ 2500 and IAQ 2000 are EPA-registered disinfectants for hard, non-porous surfaces designed to kill and control fungal, bacterial and viral growth.

Fiberlock IAQ 2500 is a pre-mixed solution in a five-gallon pail which is convenient for large areas of cleaning/disinfecting (including pressure washing applications), and for applications when the availability of clean water for diluting a concentrate is limited, and/or when project schedules and available labor resources preclude proper dilution of a concentrate.

Fiberlock IAQ 2000 is an extremely economical concentrated version of IAQ 2500. Diluted at 2 ounces per gallon, one gallon of IAQ 2000 concentrate will make up to 64 gallons of usable product, and the cost per gallon is competitive with many household cleaners and ordinary bleach.



AfterShock Fungicidal Coating

Unlike other mold-resistant coatings which simply prevent the growth of mold on the cured film, AfterShock is the only EPA-registered coating that goes a step further and kills residual mold after precleaning, in addition to preventing mold growth on the surface.

AfterShock is ideal for mold remediation, as well as mold prevention in applications in new construction. AfterShock—which can be applied by brush, roller or airless spray—is a low-odor, water-based acrylic polymer that



ShockWave Concentrated Disinfectant/Sanitizer

An EPA-registered sanitizer, disinfectant and cleaner designed specifically for mold remediation. ShockWave is an economical concentrate that produces up to 64 gallons of usable product from 1 gallon of concentrated solution. ShockWave is EPA-registered for an extraordinary range of over 130 microbial organisms including many environmental fungi and bacteria associated with flood damage restoration and mold remediation. ShockWave is one of very few products available for use as a disinfectant/cleaner on hard, non-porous surfaces, as well as a sanitizer/cleaner for use on porous materials.

ShockWave is the ideal solution for the recommended processes described by FEMA on the previous page. Use it for water damage applications including those involving “black water”, i.e. water intrusion and flooring likely to have been contaminated with microbial organisms, or which remained stagnant for extended periods of time.



provides long-term protection. It has been tested by independent and certified laboratories, and meets or surpasses all requirements of the ASTM G-21 “Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi” with a perfect “0” rating, indicating no fungal growth.

As both a fungicidal and mold-resistant coating, AfterShock provides a broader range of performance characteristics than traditional wood preservatives.

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Fiberlock products satisfy new FEMA recommendations

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Recommendations from FEMA Include

	ShockWave	IAQ 2500 IAQ 2000	AfterShock
Detailed cleaning and sanitizing of the remaining materials after necessary tear out with a solution of clean water and disinfectant .	✓	✓	
Moldy surfaces should be cleaned first and then disinfected .	✓	✓	
The fastest and most efficient method to clean and decontaminate materials and surfaces (including grade slabs) is by using a pressure washer to apply a cleaner-disinfectant solution. Following the first cleaning, floors and walls should be rinsed with water and the cleaning process redone a second time.	✓	✓	
Once the cleaning process is complete, the building and any remaining contents need to dry. The application of a disinfectant prior to drying can prevent mold growth. Materials should be closely observed and disinfectant reapplied at the first sight of mold.	✓	✓	
For crawlspaces, the underlying support structure of salvageable wooden floor joists, wood sub-floors, and foundation walls should be cleaned and sanitized . Following cleaning, application of a wood preservative* will provide protection against fungi.	✓	✓	✓

* AfterShock could be used when following this recommendation as a protective coating for salvageable wooden floor joists, wood sub-floors, and foundation walls after surfaces have been cleaned and sanitized. AfterShock is ideal for the prevention of mold growth, and as both a fungicidal and mold-resistant coating. AfterShock provides a broader range of performance characteristics than traditional wood preservatives.