



## **FORTIFY**

### **Fundamentals Guide**

#### **CLEAR MOLD & MILDEW RESISTANT COATING & BOOSTER**

Built for New Construction, Disaster Restoration and as an Annual Foggable Booster Treatment (all at different concentrations), Fortify is a clear, concentrated mold and moisture resistant breathable sealer for the protection of structural materials in both unconditioned and inaccessible spaces.

#### **FORTIFY WAS DESIGNED WITH THE ENTIRE BUILDING ENVELOPE IN MIND TO SOLVE SPECIFIC NEW AND EXISTING CONSTRUCTION MOISTURE PROBLEMS.**

##### **New Construction**

From the time that construction materials hit the lumber yard to the time that a building is dried in, the natural environment drives moisture content up. Increased moisture content on primarily wood or wood-based materials support mold growth. The result can be increased costs to clean the materials during the construction process resulting in less net profit and potential delays. And if discovered after project completion, even higher demolition, remediation and reconstruction costs. Fortify, suitable for pre-construction or spray-in-place applications, protects construction materials prior to dry-in with a breathable but mold and moisture resistant barrier.

##### **Disaster Restoration**

Following floods and natural disasters, restorers are pushed beyond capacity as demands on time and labor exceed resources. The need to move quickly and meet insurance carrier and property owner demands can result in structures that don't meet industry dry standards. Fortify allows restorers to maintain pace even if structural moisture content levels are slightly higher than preferred. It's breathability allows for controlled moisture release over time while it's mold and moisture resistant fights condensation, humidity and precipitation issues that may occur prior to build back.

##### **Inaccessible Spaces**

Not every surface is practical to reach. When this occurs, a Fortify can be used in it's foggable dilution to lay down an annual barrier of protection that inhibits seasonal mold conditions.

##### **Maintenance**

Even the best products have limitations. As protective coatings age, antimicrobial capacity and moisture resistance wane. Without maintenance, protective capacity degrades gradually to the point where moisture related issues can return.



## **FORTIFY BENEFITS**

### **Moisture Resistant**

Fortify forms a breathable yet moisture resistant barrier on structural surfaces to prevent against increases in substrate moisture content whether through exposure to condensation, humidity or rainfall.

### **Uni-Directional Breathability**

Fortify is breathable to prevent against locking in moisture which could lead to wet or dry rot conditions. This works by allowing water vapor to escape from structural surfaces while preventing absorption from the environment.

### **Mold Resistant**

Our antimicrobial won the *Presidential Green Chemistry Challenge Award for Designing Safer Chemistries*. It's original marine application for the protection of hulls of sea going vessels to minimize algae growth while maximizing fuel efficiency translates directly to it's structural effectiveness in moisture prone areas, post remediation or in air spaces where condensing moisture is likely from thermal bridging and/or converging but opposite in temperature air masses that induce dew point. It's additional leach resistance capacity ensures a long service life, and it's non-persistence in the environment prevents pollution and liability.

### **No Fumes**

Fortify is built from non-Volatile Organic Compound containing raw materials to prevent against fumes both during and after application.

### **Easy to Apply**

When diluted, Fortify is water thin, making it easy to apply by airless/electric, pump or electrostatic sprayer and fogger.

### **Easy to Inspect**

Transparent protection allows you and your customer (including IEPs or Industrial Hygienists) to see that surfaces have been cleaned without changing the way structural surfaces look.

**\*Treated Articles Exemption** - This product contains an EPA registered antimicrobial to protect the coating from non-public health fungi and odor causing bacteria. No public health claims are being made.

For more information, visit [EnviroguardDirect.com](https://enviroguarddirect.com) or contact an Enviroguard representative at 844610.4967.