

# POLY WALL®

## Stop mold from starting

with **PROBAN**  
MOLD INHIBITOR

### RESIDENTIAL

“The conditions in our area are such that we do mold remediation in 25% of the homes we build, adding \$5,000-\$7,000 cost per home.

“ProBan eliminates that cost, plus the time needed for remediation. It only took testing one home for us to realize that this is a product we want to continue using. It saves us headaches on the building side, and it saves the homeowner from future mold headaches.

“ProBan is just one way I can do my part in building a healthy home.”

– General Contractor  
Williamsburg, VA

**P**oly-Wall is combating mold issues head-on. Their proven thermoplastic waterproofing products have been keeping unwanted moisture from breaching foundation walls since 1992. The newest product, a proprietary chemical additive called *ProBan*, fights off mold growth on interior building substrates.



Key to curbing mold growth is protecting hidden areas like stud walls and floor underlay so the mold doesn't flourish uncontrollably simply because you don't know it's there.

**ProBan\*** mold inhibitor is added to select *Poly-Wall* products and applied during new construction to prevent mold spores from multiplying, even when conditions are ideal for growth. The benefits are significant:

- **Lowers total cost** – Apply during construction to prevent costly mold remediation or call-backs.
- **Saves time** – *ProBan* is added to select *Poly-Wall* sealers for a one-step protection process.
- **Reduces risk** – *ProBan* breaches the cell walls of mold spores, preventing them from multiplying.
- **Improves IAQ** – *ProBan* protects hidden areas where mold goes undetected, impacting indoor air quality.

#### Applications

Apply to clean, dry surfaces using an airless sprayer, ensuring complete coverage is obtained. Recommended for the following:

- Stud walls, cavity walls and wallboards.
- Around window, door and A/C openings.
- Floor underlay.
- Rafters and wood joists.
- Areas with high humidity.
- Crawl spaces.

\* Patent pending

#### The *ProBan* Difference:



Un-treated surface exposed to mold spores in a controlled incubator.



Surface treated with *ProBan* prior to being exposed to mold spores.



# Residential hot zones:



and air conditioning units – areas where temperature fluctuations create condensation.

*ProBan* provides built-in protection and long-term benefits to everyone involved:

## General Contractors

- Cost savings – helps eliminate mold remediation.
- Fewer liability issues for a minimal cost increase.
- Builds your long-term image – more future project wins.

## Applicators

- Great add-on offering for a low incremental cost increase.
- Reduces the risk of future insurance claims.
- Fast, easy application saves time.
- Less clean-up.

## Home owners

- Improves air quality – lowers risk of mold-related illness.
- Protects home from degradation – extends building life.

**H**ot zones are areas repeatedly being exposed to the right conditions for mold growth: moisture, warm temperatures, and an organic food source, which is readily supplied by cellulose materials such as, wood, ceiling tiles, or plasterboard. One indoor mold report states, “*Since even the best moisture management practices cannot prevent eventual moisture intrusion, economical mold inhibitors that are suitable for interior use are needed.*”<sup>1</sup>

The worst place that molds can grow is inside wall cavities and flooring, where there is no venting. Kitchens, bathrooms, pool and spa areas, atriums, mechanical rooms, and laundries are continually impacted by high moisture and heat and are highly susceptible to mold problems. Other hot zones include entryways, crawl spaces, and around all windows

## First report from the field:

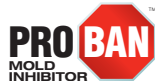
In the right conditions, mold will appear on closed-in building surfaces within three days. Nowhere is this more evident than in the south where heat and humidity act as a mold incubator. *Poly-Wall* had a prominent residential contractor in Williamsburg, Virginia test *Clear Seal with ProBan* mold inhibitor. The contractor does mold remediation in 25 percent of their homes at a cost of \$5,000-\$7,000 per home.

The greatest danger comes when the home is fully enclosed and the HVAC system is not yet operating. Within days we found mold throughout the house, even on the wood banister. It was a sight no home owner would want to walk into.



The home treated with the *ProBan* mold inhibitor had no signs of mold. *ProBan* breaches the cell walls of mold spores, preventing them from multiplying. The incremental cost for this treatment saved thousands of dollars and many man hours wearing protective gear. For the home owner, it is extra protection against mold and the related health issues and building damage.

<sup>1</sup> Clausen, C.A. and V.W. Yang. 2004. Curbing Indoor Mold Growth with Mold Inhibitors. Woodframe Housing Durability and Disaster Issues, Oct. 4-6, 2004, Las Vegas, NV. Forest Products Society, pp. 303.



*ProBan* is a clear, mold inhibitor additive that contains an optical dye. When exposed to fluorescent light, it will appear blue. All product mold claims are based on proper application of the product during new construction.

Poly-Wall Products	Description/Application	Properties	Color	Application Temperature	Sizes
CLEAR SEAL W-100 SEALER with PROBAN	Water-based sealer with mold inhibitor	Permeable	Clear	40° F - 100° F	5 gal. 55 gal.
CLEAR SEAL S-200 SEALER with PROBAN	Solvent-based sealer with mold inhibitor	Non-permeable	Clear	-10° F - 100° F	5 gal. 55 gal.

NEW  
NEW

*Poly-Wall* is a registered trademark and *ProBan* is a trademark of Protective Coatings Technology, Inc.

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