



SILVER SHIELD™



THE POWER OF PROTECTION APPLICATION #2: MOLD INHIBITOR



When we hear **MOLD**, we think '**GO PROACTIVE – GO NATURAL!**' Whether it is a remediation or a new construction, wherever there IS mold, there WAS moisture. They come hand-in-hand, and when it comes to protecting surfaces against both, there is nothing better than our All-Natural, Bio-Static, Surface-Protecting **SILVER SHIELD™**. This new product has been developed from ingredients as old as the Earth and able to create an uncommon level of protection against both moisture and microbes.

SILVER SHIELD™ IS:

- ♥ An All-Natural Bio-Polymer, which forms a water-shedding shield over both hard and soft surfaces;
- ♥ A Bio-Static Antimicrobial, which uses electrical charges that prevents fungus (mold), bacteria and other microbes from maintaining critical metabolism when in contact with the protected surface.
- ♥ A rigid, yet penetrating hydrophobic coating and sealer that is only removed by friction, so in attics and crawl spaces it will last seemingly forever.
- ♥ A Concentrate, able to produce 12 gallons of Ready-to-Use Protection from each case you purchase.

PLEASE NOTE:

*While **SILVER SHIELD™** contains no hazardous ingredients, the bio-polymer may become an irritant to your nose, eyes or throat when spraying. Therefore, goggles and particulate masks are recommended.*



HERE ARE THE QUESTIONS WE ARE MOST FREQUENTLY ASKED ABOUT USING SILVER SHIELD™ AS A MOLD INHIBITOR:

HOW SHOULD WE PREP THE SURFACES TO BE TREATED?

Ahead of applying **SILVER SHIELD™** as surface protectorant, we need to ensure that they are first free of any existing mold and mildew spores. This is done in a simple, but essential **3-STEP** process:

- ♥ Use a HEPA Vac to remove any surface vegetation
- ♥ Use **GOLD4 MOLD™** to eliminate any surface discoloration
- ♥ And if the mold was deep-seated and pervasive, treat the surface one final time with 400 ppm of **Synergy Envirotab™**. The surface should then be allowed to dry for at least 60 minutes before applying **SILVER SHIELD™**.

IS SILVER SHIELD™ READY-TO-USE?

No, **SILVER SHIELD™** is a concentrate, and may be diluted by up to 1 gallon (**SILVER SHIELD™**) to 2 gallons of water.

WITH WHAT TOOLS OR EQUIPMENT IS IT TO BE APPLIED?

We particularly like to use the Ryobi™ 18v DEFENDER Fogger-Mister, the Ryobi™ 2 Gal Sprayer, or the WORX™ 5L Sanitizing Sprayer. Each of these will apply a fine mist that then be forced into the pores of any surface with a microfiber cloth or mop. This is a particularly effective technique when doing large surface areas like walls and ceilings.

WHAT IF THE SURFACE IS VERY ROUGH, LIKE PLYWOOD OR TIMBERS?

If the surfaces are really rough, and very porous, you may always first apply a coat of **ENVIRO-SEAL™** to fill in and seal the plywood or timber surface area. Once this is dry, apply **SILVER SHIELD™** over the top of the dried surface.

HOW MUCH AREA WILL A GALLON COVER?

Using the method described above, on a surface of average porosity, you should achieve 2000 sf per diluted gallon. Therefore, one case of **SILVER SHIELD™** should cover 12,000 sf per gallon. We do, though recommend 2 coats to ensure that there are no 'holidays'.

HOW LONG WILL THIS PROTECTION LAST?

In attics and crawl spaces, we see no reason to believe that its protection will ever end, there being no friction or surface degradation. On fences, decks and natural wood siding, where the sun causes a constant expansion-contraction of the substrate, we would reapply annually.



THE POWER OF PROTECTION APPLICATION #1: SURFACE INSURANCE

OdorPros across the USA are beginning to celebrate the performance of **SILVER SHIELD™** for its ability to ensure that once surfaces are cleaned, they can be almost perpetually protected against:

- ☛ The reemergence of odors from pet urine and smoke odor
- ☛ The activity of malicious odor-causing bacteria from gaining free access to organic food sources
- ☛ Microbial colony-forming units from finding a foothold on hard and soft surfaces in private or public spaces
- ☛ Soils, soap scum or even wet soils (dirty water) from being soaked into fabrics, carpet fibers and other porous surfaces

In short, they are discovering how just 1-2 fine-mist coats of **SILVER SHIELD™** is their insurance policy against the callbacks on jobs where it seemed as though the odors eliminated right up until the first humid day when the sleeping and embedded stench was awoken. They are learning how this nearly invisible, biostatic antimicrobial, all-natural coating can make any surface hydrophobic and uninhabitable to microbes. Best yet, they are loving the fact that this insurance policy is coming at a cost of about \$0.02/square foot, with each case producing 12 gallons with a coverage of about 2000sf/gallon.

HERE ARE THE QUESTIONS WE ARE MOST FREQUENTLY ASKED ABOUT USING **SILVER SHIELD™** AS SURFACE INSURANCE:



HOW SHOULD WE PREP THE SURFACES TO BE TREATED?

Ahead of applying **SILVER SHIELD™** as surface protectorant, we need to ensure that they are thoroughly cleaned of the organic matter that has been causing your odor issues.

This is accomplished by:

- ☛ Preparing a solution of 200ppm ClO₂ with Envirotab™ tablets
- ☛ Spraying this solution on the walls, ceilings and trim and wiping with microfiber cloths and mops.
- ☛ Adding 1-2oz of Soil Break (or BoostiO₂ for extremely soot-caked walls and trim)
- ☛ Wiping a second time with lightly moistened microfiber as a final rinse, and allowing to air-dry.

IS **SILVER SHIELD™** READY-TO-USE?

No, **SILVER SHIELD™** is a concentrate, and may be diluted by up to 1 gallon (SILVER SHIELD) to 2 gallons of water.

WITH WHAT TOOLS OR EQUIPMENT IS IT TO BE APPLIED?

We particularly like to use the Ryobi™ 18v DEFENDER Fogger-Mister, the Ryobi™ 2 Gal Sprayer, or the WORX™ 5L Sanitizing Sprayer. Each of these will apply a fine mist that then be forced into the pores of any surface with a microfiber cloth or mop. This is a particularly effective technique when doing large surface areas like walls and ceilings.

HOW DOES **SILVER SHIELD™** ELIMINATE ODORS?

First, it must be remember that odors are gases and gases are generally generated as a result of metabolism of organic waste by bacteria. Just like us, microbes like bacteria require a good place to put down roots, take in air, water and a food source. **SILVER SHIELD™** disrupts their metabolism by static electricity, eliminating treated surfaces as a good place to land, and is hydrophobic, making water hard to come by. Microbes just can't survive when **SILVER SHIELD™** is present.

CAN **SILVER SHIELD™** BE APPLIED TO GLASS?

Yes, **SILVER SHIELD™** can be applied to glass, but it is strongly advised that you buff it into the surface of the glass until it is dry. You will see the effects of its presence in that the glass will now ever resist smudges and fingerprints.

HOW MUCH AREA WILL A GALLON COVER?

Using the method described above, on a surface of average porosity, you should achieve 2000 sf per diluted gallon. Therefore, one case of **SILVER SHIELD™** should cover 12,000 sf per gallon. We do, though recommend 2 coats to ensure that there are no 'holidays'.

HOW LONG WILL THIS PROTECTION LAST?

In most cases, where the treatment is able to seal and protect the pores of hard and soft surfaces, like painted walls. Trim, ceilings, furniture, carpet and other fixtures, the product will last just about forever. We have put this treatment to the test on hard enamel, with regular friction, and it has lasted for well over a year so far!

CONTACT FOR MORE INFORMATION AND PURCHASES

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