



TECHNICAL DATA SHEET

Product: Mold & Fungi Remover

This product is designed to combat mold and fungi on construction materials such as Brick, Mortar, Stone, Stucco, EIFS, Cement fiber board (Hardie), Cement-Lime Mortar, Cement, Concrete, along with Roof Shingle. It is highly effective at eliminating mold and fungi that damage the structure of construction materials, with deep penetration into substrate materials mentioned above. It is easy to use and does not require any specialized equipment, making it suitable for DIY mold removal projects. It is also ideal for professional disinfection of mold-affected walls in buildings.

SURFACE PREPARATION AND APPLICATION:

For lightly damp walls affected by mold: Be sure to wear protective gloves. Clean the surface by scrubbing off mold and fungi deposits with a brush. Vacuum to remove dust. Spray the surface with Mold & Fungi Remover and wait for it to dry. After drying, repeat the process. Once the surface is completely dry, it can be leveled with a plaster finishing layer. *For heavily damp walls affected by mold:* Remove damp plaster at least 31 inches beyond the affected area and clean the surface with a metal brush. Then, spray the surface with Mold & Fungi Remover and wait for it to dry. After drying, repeat the process. Once the surface is completely dry, new plaster can be applied.

NOTES: This product contains substances harmful to health. Protective clothing, gloves, and goggles should be worn during use. Keep out of reach of children. Do not eat, drink, or smoke while using this product. Rooms where the product has been applied should be well-ventilated. It is recommended to wash equipment with water immediately after use. Detailed safety information is provided in the Safety Data Sheet.

Full Description: *Ingredients:* Aqueous biocide solution

Application method: Spray or brush

Next coat application: After 24 hours

Storage and application temperature: 41°F to 82°F

Consumption: Approximately 3.2 ounces per 100 square feet for one application

Hygiene certificate: NIZP-PZH

Effectiveness certificate: SGGW ZOD-Sw-02/09/2000

Biocide product approval: No. 3091/07

Warranty: 2 years from the production date (printed on the lid)

Packaging: 1 Quart and 1.32 Gal

Here's a breakdown of each type of fungi and mold and how they form on interior and exterior walls:

1. Basidiomycetes Fungi

- **Type:** Wood-decaying fungi (e.g., white rot, brown rot).
 - **Formation:**
 - **Interior:** Found on wooden structures (e.g., beams, floors) with high moisture content, often due to leaks, flooding, or poor ventilation.
 - **Exterior:** Grows on damp wooden facades or structures exposed to rain and shaded areas where water cannot evaporate.
 - **Risk Factors:** High humidity, poor ventilation, and water ingress into wood or organic material.
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2. Aspergillus niger (Black Mold)

- **Type:** Common mold causing black spots on surfaces.
 - **Formation:**
 - **Interior:** Forms on damp walls, ceilings, and HVAC systems, often in bathrooms or basements. Can grow on dust, dirt, or organic residues.
 - **Exterior:** Found on shaded walls or areas prone to water accumulation, such as gutters or siding.
 - **Risk Factors:** High humidity, condensation, and poor drainage.
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3. Aspergillus terreus

- **Type:** Mold with a yellow-brown appearance.
 - **Formation:**
 - **Interior:** Often found in dusty, damp environments, such as basements or poorly ventilated spaces.
 - **Exterior:** Grows on soil-rich surfaces or in damp, shaded areas like garden walls or pavers.
 - **Risk Factors:** Dampness, organic material like soil, and minimal sunlight.
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4. *Paecilomyces variotii*

- **Type:** A fast-spreading mold with a yellowish hue.
 - **Formation:**
 - **Interior:** Found in water-damaged drywall, wooden structures, or wallpaper adhesive.
 - **Exterior:** Grows in areas exposed to rain and debris, such as on outdoor furniture or siding.
 - **Risk Factors:** Prolonged dampness and organic material like adhesives or wood.
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5. *Enicillium funiculosum*

- **Type:** Greenish mold with high moisture requirements.
 - **Formation:**
 - **Interior:** Grows on damp wallpaper, textiles, or food residues in humid areas.
 - **Exterior:** Found on mossy surfaces or porous building materials in consistently wet areas.
 - **Risk Factors:** Standing water, condensation, and organic growth.
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6. *Penicillium ochrochloron*

- **Type:** A bluish-green mold often found in damp conditions.
 - **Formation:**
 - **Interior:** Found on water-damaged insulation, wallpaper, or wood.
 - **Exterior:** Appears on exterior walls with constant exposure to water or in cracks where moisture collects.
 - **Risk Factors:** Water intrusion, humidity, and organic matter.
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7. *Scopulariopsis brevicaulis*

- **Type:** Mold with a powdery white or light brown appearance.
 - **Formation:**
 - **Interior:** Common in areas with decaying wood, plaster, or on wallpaper.
 - **Exterior:** Grows on crumbling masonry or painted surfaces where moisture collects.
 - **Risk Factors:** High humidity, decaying materials, and poor ventilation.
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8. Trichoderma viride

- **Type:** A green mold known for thriving in very wet conditions.
 - **Formation:**
 - **Interior:** Found in areas with chronic water damage, such as beneath carpets, on drywall, or around leaking pipes.
 - **Exterior:** Appears on damp walls, brick, or shaded concrete areas.
 - **Risk Factors:** Persistent dampness, lack of air circulation, and nutrient-rich surfaces (e.g., organic debris).
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Summary of Contributing Factors for All Fungi/Molds

1. **High Humidity:** Poor ventilation or high indoor moisture levels.
2. **Water Damage:** Leaks, floods, or improper drainage.
3. **Organic Material:** Dust, wood, adhesive residues, or paint can act as a food source.
4. **Lack of Sunlight:** Shaded areas where water doesn't evaporate quickly.
5. **Porous Surfaces:** Materials like plaster, brick, or drywall absorb moisture, providing an ideal environment.

By addressing these risk factors, you can prevent the growth of these fungi and molds. MasonSealer properties, including hydrophobic and vapor-permeable qualities, make it a strong solution for protecting both interior and exterior walls from these issues.

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