



General Information About Mold & The Goldmorr System

THE MOST COMMON CAUSES OF MOLD

Aside from a water intrusion event such as flooding, leaking roofs, damaged pipes or hot water systems, etc., the most common cause of mold comes from air exchange issues. Air exchange issues arise when excess humidity is present. This is common at times when the outside air is cooler than the inside air. This will result in condensation and subsequently an excess of moisture inside your home. In the winter months, this is commonplace with the use of furnaces and heaters. They warm up the air inside the dwelling – be it an office or a home – and if the outside air is colder, you start to see moisture on the inside of the windows. We have all seen what happens when you leave a beverage can out on your counter: condensation forms on the exterior of the bottle or can, and before long it is sitting in a puddle of water. Technically, the temperature at which the condensation starts to form is called **Dew Point**.

In the summer months, humidity (due to weather) will cause similar conditions to those occurring during the winter months that contribute to the ideal conditions for mold growth.

The reason mold starts to form and quickly get out of control is simply because mold spores are everywhere. Twenty-five percent of the earth's biomass is made up of different kinds of mold and mold spores. The spores are extremely small and float in the air. They are carried on clothing and can enter the structure simply on a breeze. They may be present in furnishings, plants or even food that has formed mold colonies (such as those seen on outdated bread or fruit). To flourish, mold spores simply need the right conditions. Favorable conditions for mold growth are:

- A relative humidity of 50% or higher
- Damp or dusty conditions
- Stagnant air

Controlling the moisture in any environment is the key element to controlling mold, as it will not grow in a dry, well-ventilated area. Your Goldmorr professional will advise you on ways you can reduce any excess moisture and humidity within your structure, which will aid in keeping mold at bay.

ABOUT YOUR GOLDMORR TECHNICIAN

Goldmorr technicians are highly-trained professionals who will do everything they can to identify and subsequently solve your mold problems. Typically, they will not remove mold-affected drywall/building materials from your home – *provided that those materials are still structurally sound*. (This approach eliminates expensive de-/reconstruction costs for the owner). Instead, they will remove the mold from the affected materials, leaving the materials looking like new. In most cases, you will be back in your home the same day.

ABOUT THE PRODUCTS

The Goldmorr System generally uses only two products during the mold removal process. The first product (GM6000) will clean any visible mold. Since it is a sodium hypochlorite-based solution, it is used on hard, colorfast surfaces only (walls, ceilings, tiles, concrete, etc.) and will not remove the paint from your walls or ceilings. It is common knowledge that sodium hypochlorite has associated VOC's (volatile organic compounds), similar to household bleach. However, part two of our process (fogging) will neutralize those VOC's. Our fogging product (GM2000) is biodegradable, non-toxic, low-/non-irritant and non-corrosive. Best of all, the technician will fog the entire structure to eliminate the mold spores throughout, thus preventing other colonies of mold from being able to form in other rooms or areas.

Your Goldmorr professional will provide you with a separate information sheet that explains the fogging process and why The Goldmorr System treats the entire dwelling and not just the affected room.