

Our Commitment to Excellence

What's in Your Outdoor® Wood?

Extensive Research. Responsible Marketing. Continual Monitoring.

Even before a preservative is commercially available, it is researched, tested, and tested again. Through this rigorous process, products are evaluated to determine the impact they will have on their surrounding environment. Evaluations include:

- Toxicological reviews determine any possible adverse effects a product may have on living organisms. These reviews are a major deciding factor in Lonza's development of new products.
- Studies are conducted to learn if a preservative will separate (or leach) from the wood. This is part of Lonza's efforts to reduce emissions to the environment.
- Work cooperatively with regulatory agencies to generate any new data necessary to evaluate the hazards associated with products.
- New and changing science is monitored so the best technology is always in place.



Copper

The primary anti-microbial agent in pressure-treated wood is copper. Copper has been used for its anti-microbial properties for millennia. It's used in high-tech fabrics and in hospitals to help prevent contamination.

Water

The wood preservative is suspended in water. Using pressure, it is forced deep into the cellular structure of the wood. The water evaporates, leaving the preservative behind.

The Elements Are All Around

The active ingredients used in the preservation process of outdoor wood are also found in everyday life.

Propiconazole

Propiconazole is a fungicide that helps control wood rot. For this reason, it's also used by farmers to fight fungal growth on your favorite fruits, vegetables and nuts.

Tebuconazole

Tebuconazole is a fungicide that prevents rot and decay. It is used on flowers, shrubs and other agricultural applications.

Plus BARamine®

Wolman® E copper azole with BARamine® technology is an innovation that enhances the performance of preservative-treated wood.

It offers:

- Improved penetration and preservative distribution throughout each piece of wood resulting in better protection
- Broad moldicide protection for a cleaner, brighter appearance
- Improved resistance to certain aggressive copper-tolerant fungi, which means less fungal decay
- Patented, proprietary technology that includes ingredients backed by years of research to provide long-lasting protection



Quaternary Compound

Quaternary compounds are found in many household cleaning products and are the cleaner of choice of medical facilities and the food service industry. Quats are also found in hair and body products to impart conditioning benefits to hair and skin.