

PRODUCT INFORMATION

LotusPro™ Water Repellent

WolmanizedWood.com

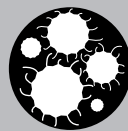


WATER REPELLENT

Is your product shielded against these common enemies of wood?



- Moisture
- Warping
- Dimensional changes



- Mold
- Surface degradation
- Unsightly marks or discoloration

LotusPro™ water repellent is a barrier that contains an effective mold inhibitor, providing a protective film for your mass timber

Protect your investment
and your reputation

with

LotusPro™ water repellent

Patented, water-based industrial sealant technology

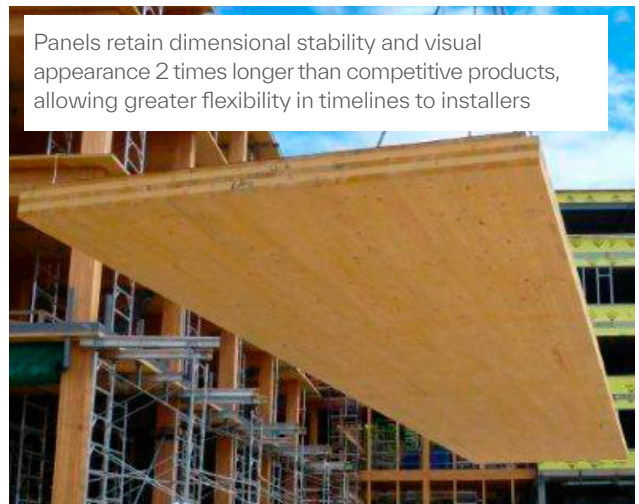
LotusPro™ water repellent is made up of a specialty coating with a superhydrophobic technology coupled with an effective surface moldicide.

When applied to CLT and glulam, the coating forms a durable superhydrophobic film that both penetrates and coats the wood surface. The premium mold- and moisture-resistant coating for wood products shields the mass timber thus extending the useful life of the product.

Benefits

- Dries in 20 to 50 minutes, depending on application environment (50% faster than existing technologies)
- Lower application rate
- UV resistance
- Resists water absorption better than the competition
- Resists wear and tear
- Resists dirt pickup better than existing technologies

Panels retain dimensional stability and visual appearance 2 times longer than competitive products, allowing greater flexibility in timelines to installers



The “Lotus Effect”

The lotus effect refers to self-cleaning properties that are a result of ultrahydrophobicity as exhibited by the leaves of the lotus flower. Dirt particles are picked up by water droplets due to the micro- and nanoscopic architecture on the surface, which minimizes the droplet's adhesion to that surface.

Water droplets on wood stay in bead form rather than flattening out into the surface. Controlled use of hydrophobic material in the formulation optimizes balance in the level of hydrophobicity without compromising the breathability of wood.



Allowing the beauty of your engineered wood to shine through.

LotusPro™ water repellent appears on the wood as a bright finish so the mass timber retains its natural color and overall appearance. It is compatible with oil-based and some water-based finishes.



CLT with no water repellent coating



CLT with LotusPro™ water repellent coating



CLT with LotusPro™ water repellent coating with highly compatible Minwax Polycrylic

LotusProtechnology.com

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