

Background Information

Developed in 2001 by a team of chemists under the direction of Charles Morando, a 30 year veteran of the wood coatings industry, BluWood is a two-part coating that protects wood products from moisture, mould, fungus and wood ingesting insects, like termites.

The first part is a state-of-the-art Infusion Film that is absorbed into the lumber, interlocking with the wood's fibers to form both a topical and sub-surface, water-repellant, semi-permeable film, which controls moisture absorption while allowing moisture vapor to exit. This allows wood to breathe while helping maintain normal moisture levels. Plus, the film is also specially formulated to resist mold fungus growth on the cured film surface. The second part is a DOT wood preservative that provides BluWood framing components with protection against rot fungi and wood ingesting insects, including termites.

Mould is one of the biggest concerns for home builders and homeowners, causing a number of financial and health concerns for those living with mould contamination. Since the late 1990's mould related litigation and insurance claims have exploded in North America

According to US insurance industry statistics, the number of mold claims rose by more than 1300 per cent between the beginning of 2000 and the end of 2001, with total losses from mould claims increased to \$1 billion from \$14 million during the same period

In Canada, regional public housing authorities in Vancouver have spent in the tens of millions of dollars to fix leaks and try and eradicate mould in at least seven public-housing projects in greater Vancouver

Termites are also a major concern for home owners and builders. It is estimated that termites cause more than \$1 billion in damage in U.S homes each year. According to Pest Control Canada, termites cause more damage than tornadoes, hail storms, windstorms and hurricanes combined. Over 20% of Canadians live in termite-infested municipalities, and the termite epidemic is increasing as urban sprawl continues. In the city of Toronto, 1,000 city blocks, or 10% of the city houses, are known to have termite infestation – and the number keeps growing.

BluWood offers protection to all of the structural wood components before, during and most importantly, after construction of a home. As a result, homeowners can save money from devastating household conditions including humidity, leaky pipes and water intrusion. Plus, the building industry could save billions of dollars typically lost each year as a result of wood framing components being exposed to moisture.

This blue-colored lumber is recognized as a "green-friendly" product by the Leadership in Energy and Environmental Design (LEED) green building rating system, and is listed in the *GreenSpec Directory*, a listing of environmentally preferable products.

BluWood has been thoroughly tested by independent labs and universities to the standards of the American Wood Preservers Association (AWPA), and has undergone extensive testing in "real-world" conditions in numerous locations throughout the country.

In early 2006, Shelburne Wood Protection, one of Ontario's largest wood treatment facilities, purchased the exclusive rights to treat and sell BluWood in Canada. The company then developed a Canadian geographic-specific treatment for BluWood that guards against species of moulds and termites pervasive in Canada.

BluWood is widely available to builders through contractors and building supply dealers throughout the United States and Canada.

THE COLOUR OF PROTECTION

BLUWOOD
CANADA

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FOR MORE INFORMATION

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