

WHAT IS BLUWOOD?

Bluwood is an effective “Preventative” coating system to assist in the minimization of health effects of mould (e.g. allergies, etc.) and destructive costly effects of hidden water on framing and sheathing components within the building envelope. Bluwood is a lumber enhancement and not a replacement to what is already required in the building codes.

Bluwood is a proprietary, factory applied; two part component coating technology that is applied to wood frame building components in accordance with strict Quality Control procedures.

The first part of the technology is an “Infusion film” (polymer like film) that forms a water managing, semi-permeable vapour barrier. The film allows vapour to escape while keeping moisture from penetrating the substrate.

The second part is the DOT (borates), a proven environmentally friendly fungicide and insecticide.

WHY BLUWOOD?

- There is an increase in public concern and awareness about **indoor air quality**.
- Bluwood is designed to protect framing building materials from moisture **prior, during and after** construction.
- **Moisture control** is the key to minimize mould growth.
- Homes are vulnerable to moisture intrusion by high humidity, condensation, leaky pipes and roofs, windows, improper ventilation, etc.
- Bluwood does not replace proper building practices, but instead offers the builder and homeowner back-up defence to water intrusion and costly remediation.

BLU IS THE NEW GREEN:

- Bluwood is listed in the GreenSpec Directory and in the Green Build Magazine as Top 100 Green Products in the January 2007 issue.
- Bluwood contribution to LEED is under review.
- Bluwood product does not contain any VOC's (volatile organic compounds), no off gassing (odour free), no heavy metals and the ingredients (mould resistant bioactives & borates) have been H&S reviewed by PMRA/Health Canada.

OTHER BLUWOOD PRODUCT ATTRIBUTES:

- Bluwood does not alter the structural properties of wood components.
- Bluwood does not corrode hot-dipped galvanized metal fasteners (e.g. truss plates)
- Bluwood coated framing and sheathing components exhibit reduced flame spread (Class B rating) in comparison to uncoated material.
- Bluwood has a 20-year Limited Warranty.
- Bluwood reduces Builder's exposure to liability issues with mould and costly remediation.
- “Spent” Bluwood building materials can be recycled into coloured landscape mulch.
- The slow release/intake of moisture from Bluwood coated building components minimize severe twisting and warping of framing and sheathing components.
- Bluwood coating has elastic characteristics so the coating will not peel or crack over time.