



Wood is Good!

Healthy growing forests recycle carbon naturally. When biomass is used instead of fossil fuels, it can reduce the build-up of carbon dioxide in the atmosphere. When trees are used for forest products, the carbon often remains stored in the products for decades, or longer.

Sustainable FOREST MANAGEMENT

Certifications: ISO 14001:2004 & CSA Z809

Tolko is committed to environmental stewardship. Fiber for our Plywood is harvested from fast growing, renewable species. Our forestry divisions follow Environmental Management Systems certified by ISO 14001:2004.

CSA Z809, PEFC, and Chain of Custody

Tolko's woodlands tenures are third party certified to the CSA Z809 Sustainable Forest Management (SFM) standard. CSA Z809, the world's largest national SFM standard, is internationally endorsed by the Program for Endorsement of Forest Certification schemes (PEFC) and recognized alongside FSC and SFI.

Any raw materials procured are sourced from legally authorized sources and verified through Tolko's corporate Chain of Custody (CoC) certification to the PEFC Annex 4 standard.

North American Standards

CSA provides the same, or greater, assurance of legal and sustainable forest products as FSC or SFI. CSA is recognized by governments and customers around the world and uses a multi-stakeholder approach and addresses key environmental and social issues.

GREEN GLOBES™ and LEED POINTS

Use Tolko Plywood products in new home construction. You may be eligible for credit under LEED® and Green Globes®.

LEED® Materials & Resources

Regional Materials (Credit 5)

Earn two points if the job site is within 800 km (or 2400 km if the plywood is shipped by train/boat) of Tolko mills. Tolko harvests its timber regionally - within 800 km of its mills. Tolko plywood mills are in Heffley Creek and Kamloops, BC.

Green Globes™ Forest Certification

Earn up to 5 points for panel products where timber originated from certified sources (CSA, SFI or FSC).

LEED® Indoor Environmental Quality Low-Emitting (Formaldehyde) Materials (Credit 4.4)

Earn 1 point for low-emitting material containing no added urea-formaldehyde.

about TOLKO

Tolko is a privately owned Canadian company with 50 years experience manufacturing and marketing specialty forest products to the world. Strong values guide us at Tolko. Our prosperity and growth are the result of our ability to meet your needs and to provide consumers with highly valuable products. After 50 years, we continue to measure our success by the satisfaction of our business partners, employees and the customer.



Tolko Marketing and Sales Ltd.
PO Box 39, Vernon, BC, Canada V1T 6M1
3000-28 Street, Vernon, BC, Canada

Telephone: 250-549-5311

Fax: 250-550-2558

Email: tolko.plywood@tolko.com

www.tolko.com

Marketing Specialty Forest Products

TOLKO Plywood

BUILD GREEN



*greener building solutions
healthier forests*



Committed to Sustainable Forest Management

Formaldehyde Sources and Uses

Formaldehyde is a naturally occurring compound produced through combustion and by plants and animals as a byproduct of metabolic processes. Formaldehyde's antibacterial properties make it a useful preservative in vaccines and cosmetics. In industrial applications, formaldehyde is used to produce adhesives (resins) used in wood panels.

Indoor Air Pollution

Formaldehyde does not accumulate in products, plants or animals; it off-gasses until source levels diminish. In low doses formaldehyde can cause allergic reactions, irritating the eyes, nose and respiratory system.

Formaldehyde is now recognized as a common indoor air pollutant by the Center for Disease Control and Prevention (CDC) and the Federal Emergency Management Agency (FEMA). In high doses, formaldehyde can be toxic, studies suggest it is carcinogenic. Common sources of formaldehyde gas in the home include: cigarettes, furniture, structural and non-structural wood panels and carpet.

Industrial Resin Innovation

Unlike urea formaldehyde resins, phenol formaldehyde resins are stable. Phenol resins are made by reacting precise amounts of phenol and formaldehyde with controlled temperatures and pressure. In this process, the phenol and formaldehyde molecules chemically link, a new relatively inert chemical is formed from which the formaldehyde is unable to separate and off-gas into the air we breath. Not surprisingly, industrial resins made with phenol formaldehyde blends, like those used by Tolko, are gaining popularity.

CSA Certified Plywood

Tolko Plywood is engineered for strength, performance and safety. Our Plywood is certified in accordance with CSA O121 & CSA O151. Only phenolic resins are used in Tolko plywood. These resins are capable of resisting conditions of extreme moisture & temperature and have extremely low formaldehyde emission levels.

Formaldehyde Testing

Formaldehyde emission testing of Tolko EXTERIOR plywood has been conducted by various accredited laboratories, using internationally accepted test procedures such as:

- ASTM E1333-90 "Large Chamber"
- Japanese JAS "Desiccator"
- European Standard EN 120 "Perforator"
- DIN 52368/EN 717 "Gas-analysis"

Results have shown that formaldehyde emissions are near the minimum levels detectable by the tests, and that Tolko EXTERIOR plywood qualifies for the most stringent classification levels that been established.

Tolko Plywood

the world's most stringent regulations

Questions? Contact us:

Telephone: 250-549-5311

Email: tolko.plywood@tolko.com

Internationally certified to meet the world's most stringent formaldehyde regulations

International Standard

	CARB Phase 2 (2011)	US H.U.D. Manufactured Housing Standard	E1 European Standard	F**** Japanese Structural Plywood
Max Emission Level	0.09 ppm	0.2 ppm	0.124 mg/m ³ air	0.30 mg/l
Tolko Plywood	Exempt (PS1 Certified)	Exempt (PS 1 Certified)	Exempt (EN 13986 Certified)	Pass

USA



THICKNESS 0.703 IN.

www.canply.org



PS 1-07
UNDERLAYMENT
23/32 INCH
24 oc Group 1
EXPOSURE 1

MADE IN CANADA

CANADA



CSA O121 - DFP
CSA O151 - CSA
CSA O153 - ASPEN/POPLAR

EUROPEAN UNION



1224-CPD-XXXX
CO. NAME
XX
EN 13986 EN 636-36
E1

JAPAN



サードウッド技術センター