



# Tolko T-PLY T&G Subfloor and Tolko T-PLY Pro T&G Subfloor

## Transferable, 25-Year Limited Warranty<sup>[1]</sup>

### Warranty Coverage

Subject to the limitations and exclusions provided below, Tolko Industries Ltd. (“Tolko”) warrants to the builder (“Builder”) who purchases and installs Tolko T-PLY T&G Subfloor and Tolko T-PLY Pro T&G Subfloor grade-stamped “Exterior DFP or CSP – Tolko T-PLY Sheathing,” or “Tolko T-PLY Select” in a building (“Building”), and to the owner-occupier of the Building (“Owner”), that the Tolko T-PLY T&G Subfloor and Tolko T-PLY Pro T&G Subfloor are manufactured to meet the applicable standards identified by the third-party grading agency trademark stamped on the Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor and when properly stored, handled, installed, and maintained<sup>[2]</sup> within one hundred and eighty (180) days from the date of purchase (as evidenced by the purchase invoice), will not delaminate<sup>[3]</sup> for a period of 25 years from the date of manufacture.

This limited warranty: (i) is transferable for 25 years; (ii) applies only to Tolko T-PLY T&G Subfloor and Tolko T-PLY Pro T&G Subfloor manufactured after January 1, 2013; and (iii) supersedes any warranty issued prior to that date and otherwise applicable. Tolko T-PLY T&G Subfloor and Tolko T-PLY Pro T&G Subfloor are designated as “Exterior” grade as per CSA O121 or CSA O151 in place at the time they were manufactured and are not suitable for permanent exposure to the weather or for use in high moisture environments. This limited warranty for Tolko T-PLY T&G Subfloor and Tolko T-PLY Pro T&G Subfloor applies only to single layer subflooring or subflooring with underlayment that has been installed using exclusively Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor respectively installed on engineered wood joists.

### Limited and Exclusive Remedy

If Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor delaminates during proper installation or after proper installation because it is defective, Tolko will, at its sole discretion, offer one of the following exclusive remedies for claims covered by this warranty: (i) repair or replace the defective Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor; or (ii) refund or credit the purchase price paid by the Builder for the Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor, as evidenced by the original invoice. Notwithstanding which of the above remedies Tolko elects to offer, Tolko may also, at its sole discretion, pay the reasonable cost to repair or replace the single-layer flooring, excluding removal and replacement of cabinetry and/or cover, at wholesale cost, the cost of floor coverings, and reasonable labour costs for removal and reinstallation. Tolko’s total liability will not exceed three (3) times the original purchase price of the defective Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor.

### Reporting Claims

A warranty claim will only be considered by Tolko if: (i) Tolko is provided written notification of the claim within thirty (30) days after the defect is first discovered; (ii) a Tolko representative, or a professional designated by Tolko, is given reasonable opportunity to inspect the warranted Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor prior to any repair, replacement, alteration, or change; and (iii) all documentation has been

submitted to Tolko within sixty (60) days after the claim is first reported. Upon request, Tolko must be provided reasonable proof of product identification in the form of a Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor sample, a photograph or a large identifying stamp, or a dated receipt. Written notification must be given by courier, email, or fax to Tolko, at the address provided below.

### Exclusions from the Warranty

This warranty does not apply to any exterior application of Tolko T-PLY T&G Subfloor and Tolko T-PLY Pro T&G Subfloor nor does it cover damage, claims, moisture absorption, or defects in the Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor, including delamination, warping, cracking, or splitting due to or arising from:

- i) misuse or improper handling, storage, transport, installation, or maintenance;
- ii) use of the Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor other than as subflooring appropriate to the grade stamp on the Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor;
- iii) use of the Panels that cannot be shown to comply with applicable building codes;
- iv) alterations to the Building after the original installation of the Tolko T-PLY T&G Subfloor or Tolko T-PLY Pro T&G Subfloor;
- v) acts of God or severe weather including rain, flood, tornado, hurricane, earthquake, hail, or similar natural disaster;
- vi) corrosive elements;
- vii) mold and mildew, termites, or other wood-destroying organisms;
- viii) damage caused by persons other than Tolko; or
- ix) installation workmanship or product modifications.

### Exclusions of Other Warranties, Express or Implied

Other than this warranty, Tolko T-PLY T&G Subfloor and Tolko T-PLY Pro T&G Subfloor is sold “as is” and “with all faults”. The warranties and remedies provided above apply to the Builder and Owner only, are transferable for 25 years, and are the sole and exclusive remedies except as otherwise required by law, and are made in lieu of and to the exclusion of all other conditions and warranties, express or implied, including but not limited to statutory or other conditions and warranties of merchantability or fitness for a particular purpose. Tolko will not be liable for any special, indirect, incidental, consequential or punitive damages, including without limitation, lost profits, loss of use or any other type of damages regardless of the theory under which such damages are sought.

### Other Rights

This warranty confers specific legal rights. The Builder and the Owner may have other rights, which vary from province to province and from state to state.

### Governing Law and Attornment

This warranty is governed by and will be construed in accordance with the laws of the Province of British Columbia and the laws of Canada applicable therein. Tolko, the Builder and the Owner shall each attorn to the jurisdiction of the courts of the Province of British Columbia with respect to any dispute arising under this warranty.

[1] Limitations and exclusions apply. See details of warranty and exclusions set out herein.

[2] In compliance with the current recommendations of Tolko [refer to Tolko website for “current recommendations”].

[3] “Delaminate” means an extensive physical separation of veneers within the Panel that results in a material reduction in the structural properties of the Panel. Minor surface imperfections such as localized checking on the Panel surface do not constitute delamination.

Tolko reserves the right to update, change, modify or otherwise revise this publication without notice. The current and official product warranty is posted on the Tolko website at [www.tolko.com/resources/warranties](http://www.tolko.com/resources/warranties) and supersedes any other warranty expressed or implied.

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# Tolko T-PLY T&G Subfloor and Tolko T-PLY Pro T&G Subfloor Storage, Handling and Installation Instructions

## Choose the right Tolko plywood subfloor<sup>[1]</sup> panel

To get a great subfloor you need to start with the right Tolko plywood panel. Tolko manufactures subfloor panels ideal for repair and remodeling in residential and commercial construction. Tolko's industry-standard tongue-and-groove (T&G) profile creates a ridge-free surface, speeds installation and prevents buckling.

To select the right plywood panel product, we refer to two important characteristics: panel grade and panel thickness.

### a) Panel grade

Both Tolko T-PLY T&G Subfloor and Tolko T-PLY Pro T&G Subfloor are produced and certified according to CSA O121 or CSA O151 standards and quality assured by a third-party grading agency. The plywood panels are each backed by a transferable, 25-year limited warranty by Tolko, the name builders have trusted for more than 50 years.

Tolko T-PLY T&G Subfloor is among the market's top performing standard grade flooring panels – and our most economical. It will provide the peace of mind that comes with a great plywood panel product.

Tolko T-PLY Pro T&G Subfloor is strong and stable and comes with all the benefits of Tolko T-PLY T&G Subflooring, plus a higher grade select panel with a smoother touch-sanded face. It's ideal below carpet and vinyl decking.

### b) Panel thickness

For panel thickness, the National Building Code of Canada recommends the following:

FLOOR JOIST SPACING	400mm	500mm	600mm
PLYWOOD THICKNESS	15.5mm	15.5mm	18.5mm

For a stiffer floor, you may use a thicker subfloor (i.e., use 18.5mm for a floor joist spacing of 500mm).

## Storage and Handling

Structural plywood, like any other panel product, requires proper handling and storage. Despite its sturdy cross-laminated construction, face veneers, panel edges and panel corners are vulnerable to damage and should always be protected, especially on tongue-and-groove products.

Plywood is manufactured at low moisture content and, while small changes in moisture content will not appreciably affect its dimensions, large changes should be avoided.

Wherever possible, to help retain panel flatness, store this product under a roof on at least three well-spaced and level bottom bunks for good support.

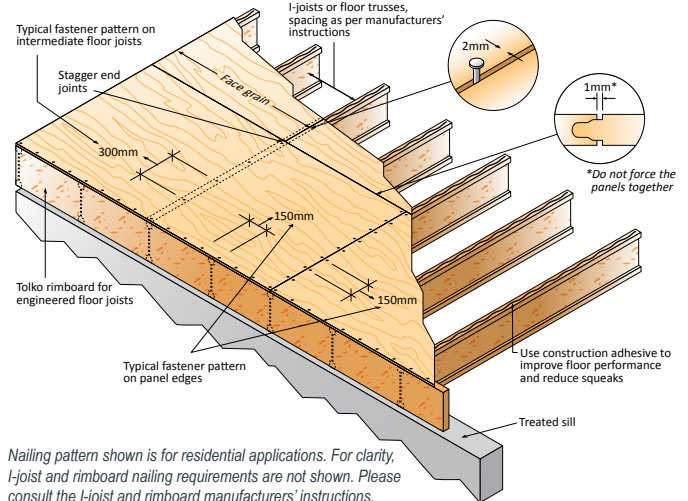
While Tolko T&G products ship with durable, tear-resistant woven-poly bag covers to provide protection against moisture and other contaminants, they are not intended to provide protection for prolonged exposure to the elements.

**Take care!** Do not set bundles in puddles or store where frequent splashing or wind-driven rain or snow may cause moisture to work into, or condense under, the bag and wet the plywood.

Apparent or non-apparent abrasion and puncturing of the bag may occur during shipping and handling which, in turn, will reduce the effectiveness of the protection. If a damaged bag or an improperly covered package is observed, the product should be moved to inside dry storage, and

the bag removed to allow any moisture to evaporate. It should only be returned outside after adequate protection is reapplied.

Figure 1



## Installation Instructions: T-PLY T&G Subfloor and T-PLY Pro T&G Subfloor

- 1) Always lay the Tolko plywood panels with the face grain oriented perpendicular to the floor joists. If you do not have a straight reference line to start with, use a chalk line to create one.
- 2) If you use subfloor adhesive, make sure to spread it over an area small enough so that the adhesive will not dry prior to the plywood installation. Install the first panel with the tongue edge parallel to your reference line.
- 3) Space the fasteners at 150mm on center along the perimeter and 300mm on center at the intermediate floor joists.
- 4) Use 2" nails (common, grooved or spiral) or 1-3/4" floor screws to fasten the panel.
- 5) Install the second panel at the end of the first one leaving a 2mm expansion gap and complete the first row, leaving the 2mm expansion gap between each panel.
- 6) For the second row, start by cutting the first panel to offset end panel joints. (End panel joints always coincide at floor joist locations.) Install the second row panels and subsequent rows leaving a 1mm expansion gap between the tongue-and-groove edges.
- 7) Never use excessive force to fit the T&G joint together as the 1mm expansion gap is important to avoid panel buckling when exposed to temporary wet conditions.
- 8) Congratulations. You now have a great floor. For optimal performance, make sure to keep your new floor dry.
- 9) Depending on your selection of floor covering, you may need to install a Tolko plywood underlayment<sup>[2]</sup> product. **Refer to the instructions of your floor covering manufacturer and consult our website at [www.tolko.com](http://www.tolko.com) to learn more about Tolko's quality underlayment products.**

## True. Trusted. Tolko.

An industry leader since 1956, Tolko is a supplier of proven plywood and veneer products for the residential and light commercial construction market, and a trusted partner for the professional floor layer or the do-it-yourselfer. Backed by more than 50 years of experience, Tolko will help you lay the groundwork for your flooring project.

[1] SUBFLOOR: The term 'subfloor' specifically refers to the first layer of structural panels directly attached to the floor joists.

[2] UNDERLAYMENT: The term 'underlayment' refers to the layer of panels to which the floor covering will be directly affixed.