

RICHFLOR™ SUBFLOORING

RICHFLOR™ SUBFLOORING is an addition to the Speciality Products line at Richmond Plywood Corporation Limited.

SPECIES: Douglas Fir

GRADE: Underlay Subflooring
EASY T&G Patented profile

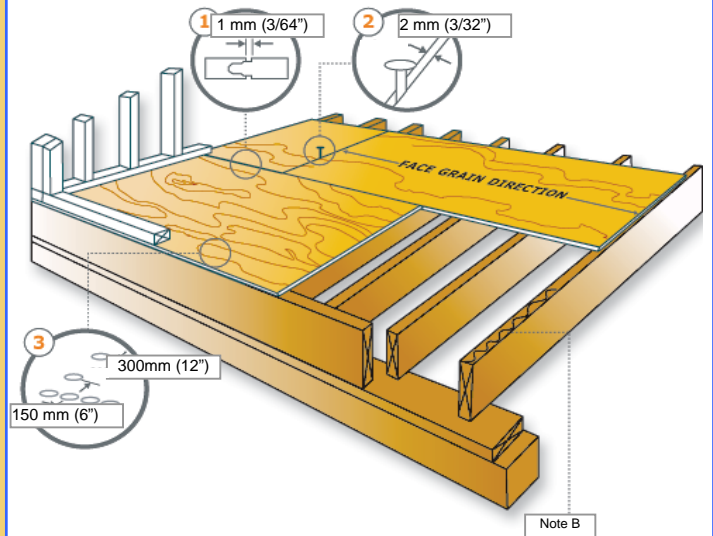
THICKNESS: 18.3 mm (23/32")
(Other thicknesses by special request.)

Installation Instructions:

- 1. MAINTAIN PROPER GAPS BETWEEN PANELS.**
 - Leave "built in" expansion gap of 1 mm (3/64") – about the thickness of a dime – between tongue and grooved edges.
 - DO NOT FORCE TIGHTLY TOGETHER!**
 - Leave a 2 mm (3/32") gap (about the thickness of a 6-penny or 6d nail – a little thicker than a quarter) between panel ends.
- 2. LAY PROPERLY:**
 - Snap chalk line across joist for panel edge alignment.
 - Lay first row of panels with tongue side to the wall.
 - Lay panels with face grain at right angles to the joists.
- 3. Space fasteners 150 mm (6") around the perimeter of the panel and 300 mm (12") on the intermediate supports.** For plywood thicknesses up to 18.5 mm (23/32"), Code approved fasteners include 51 mm (2") common or spiral screws, 51 mm (2") staples, and 45 mm (1-3/4") ring thread nails or screws. Longer fasteners are required for panels thicker than 18.5 mm (23/32"). (Consult your local building code for the approved fastener schedule.)

NOTES:

- A second layer of a minimum 7.5 mm (5/16") underlayment is recommended under ceramic tile and resilient floor coverings (e.g., vinyl, glue-on carpets, rubber tiles or sheets). **In all cases, review installation instructions of the floor covering manufacturer for recommended subfloor/underlayment specifications and preparation.**
- For use under hardwood flooring, **always follow installation instructions of the hardwood flooring manufacturer.** Subflooring must be fully dry, and hardwood must be laid at right angles to the joists. An installation guide is also available from the National Oak Flooring Manufacturer's Association (NOFMA) at <http://www.nofma.org/Portals/0/Publications/NOFMA%20Installing%20Hardwood%20Floors.pdf>
- Add a bead of elastomeric glue between joist and panel to help eliminate squeaks and nail popping and increase floor stiffness.



Storage and Handling:

Dry, undamaged panels install faster and easier:

- Cover plywood bundles with plastic or tarp.
- Use three supports as dunnage to prevent sagging.
- Do not join RICHFLOR™ SUBFLOORING panels with any other subflooring panels.** (Doing so will invalidate the warranty.)
- Install only on kiln-dried lumber joists.

Why Douglas Fir plywood?

Compared with OSB PS-2:

- It's 30% lighter.
- It has 30% better nail and fastener holding properties.
- It has 60% higher stiffness (deflection) ratings.
- Its edge swell when wet is 4 times less and it returns to its original dimensions when it dries.

**50
YEAR
LIMITED
WARRANTY**

Richmond Plywood warrants to the original purchaser that our RICHFLOR™ SUBFLOORING panels will neither delaminate nor require sanding due to moisture absorption during the installation process¹. We also warrant to the original homeowner that RICHFLOR™ SUBFLOORING panels are to be free of manufacturing defects for 50 years from the date of manufacture¹.

**You walk on our
RICHFLOR™ Subflooring.
We support it.**



Why RICHFLOR™ SUBFLOORING?

- It requires no sanding as a result of moisture absorption.
- It has a self-spacing tongue and groove for easy and quick installation (Patented Easy T&G Floor edge profile).

RICHFLOR™ SUBFLOORING is designated as Exposure 1 plywood in Product Standard PS1-95.

Why Richply™ plywood?

- We've been supplying the world with Canadian plywood since 1956.
- We care. Quality is our top priority.
- We manufacture a full range of softwood plywood, from sheathing to high-end specialty panels. See the full range of our products at www.richply.com
- We're proud members of the Canadian Plywood Association.



¹ Restrictions and limitations apply. See our RICHFLOR™ Subflooring "Limited Warranty" page.



RICHMOND PLYWOOD CORPORATION LIMITED

13911 Vulcan Way, Richmond, B.C., Canada V6V 1K7

Available from:

LIMITED WARRANTY

You walk on our RICHFLOR™ Subflooring. We support it.

Subject to the exclusions^{3,4} outlined below, Richmond Plywood Corporation Limited (Richply™) offers the following limited warranty for RICHFLOR™ Subflooring:

To the builder or contractor: Richply™ warrants to the original retail purchaser that its RICHFLOR™ Subflooring panels will neither delaminate¹ nor require sanding due to moisture absorption during proper installation², provided installation is within 180 days of purchase and the RICHFLOR™ Subflooring panels have been properly handled and installed. Exclusive remedies⁵ are outlined below.

To the retail consumer: Richply™ warrants to the original homeowner that RICHFLOR™ Subflooring panels used in your home will be free of manufacturing defects for a period of 50 years from the date of manufacture. Exclusive remedies⁵ are outlined below.

This warranty is applicable only to North American customers.

RICHFLOR™ Subflooring panels are designated as Exposure 1 plywood in Product Standard PS1-95.

Definitions, Exclusions, and Exclusive Remedies

¹ *Delamination:* A visible separation between plies. Normal wood characteristics, such as checking, leafing, splitting, and broken grain, are not to be construed as delamination.

² *Proper installation:* Installation in accordance with the most restrictive of the following: a) the requirements specified by Richply™, b) the building code of the local jurisdiction, c) the requirements of any government agency having jurisdiction, or d) the engineer or architect of record.

³ *Exclusions from the Warranty:*

- This warranty does not cover damage or claims for moisture absorption, delamination, warping, cracking or splitting due to any of the following: misuse or improper handling, secondary treatments, storage, transport, installation, or maintenance; alteration to the structure after the original installation of RICHFLOR™ Subflooring; physical forces such as fire, floods, natural disasters or other acts of God; corrosive elements; termites or other wood destroying organisms, including mould and mildew; or use of the panels other than as residential interior subflooring. This warranty does not apply to manufactured housing applications.
- This warranty applies only to subfloors that have been installed using all RICHFLOR™ Subflooring with patented Easy T&G Floor edge profiles.

⁴ *Exclusions of other warranties, express or implied:* Other than the Exclusive remedies granted in this Limited Warranty, the products are sold "as is" and "with all faults." The warranty and remedies apply to the original builder and/or original homeowners only and are their sole and exclusive remedies except as otherwise required by law, and are in lieu of and exclude all other warranties, express or implied, including but not limited to warranties of merchantability or fitness for a particular purpose. Richply™ will not be liable for special, indirect, incidental, consequential or punitive damages or loss including but not limited to lost profits, loss of use, or any other type of damage regardless of the theory under which such damages are sought.

⁵ *Exclusive remedies:*

- *For the builder or contractor:* During proper installation, if delamination occurs or sanding is required due to moisture absorption, Richply™ will, at its sole discretion, repair or replace the defective panels, reimburse the customer for the reasonable cost of sanding any RICHFLOR™ Subflooring panels that require sanding due to moisture absorption, or refund the purchase price paid by the original retail purchaser, as evidenced by the original invoice.
- *For the retail consumer:* In the event that RICHFLOR™ Subflooring panels do not comply with the provisions as stated in this warranty, Richply™ will, at its sole option, repair the defective panel, provide a replacement panel, or reimburse the reasonable cost of repair or replacement, including the cost of comparable flooring and installation labour, if applicable.

Any claims under this warranty will be honoured only if (1) Richply™ or its representative is notified in writing within 30 days of discovery of the conditions covered by the warranty, and (2) Richply™ is given a reasonable opportunity to evaluate the problem and inspect the warranted product prior to any alteration, change, or repair.



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