



EASY T&G **ROOF**

Formerly COFI ROOF

EASY DOES IT.

There's no better way of sheathing roofs.

Specify Richply EASY T&G ROOF to ensure getting the plywood T&G product demanded or expected by the Canadian marketplace. It is engineered to be the finest structural panel on the market today.

Richply offers builders all the proven advantages of regular Canadian plywood as well as a newly available patented edge profile that makes sheathing roofs faster, easier and more economical than ever before.

Characteristics:

Milled with patent edge profile for easy installation and edge support without H-Clips.

Typical Applications:

Roof sheathing and decking for residential, commercial & industrial construction.



Features:

Richply EASY T&G ROOF is a unique Canadian plywood tongue and groove product with proven performance. The precision-engineered tongue and groove dimensions of EASY T&G ROOF are internationally patented* and designed to:

- Enable fast, problem-free installation.
- Prevent buckling by accommodating panel expansion due to moisture changes.
- Prevent wedging action that exert damaging splitting forces.
- Provide a uniform, ridge-free surface
- Eliminate the need for H-clips or blocking.
- Protect from rain during construction - the T&G interlocks for immediate protection.

Species

- Douglas Fir (FIR) CSA 0121-DFP
- 20% stronger than common alternative products
- Similar structural performance to 12.5mm Spruce sheathing in roof applications (deflection & ultimate loads)

Grades

- Sheathing (SHG)

Thickness

- 11mm (7/16)
- 12.5 mm also available upon request

Dimensions

- 1220 x 2440 (4' x 8')

- Fewer warps than traditional roofing panels
- Sturdy compared to substitute panels
- Lighter and less swelling than OSB
- 610 mm (24 O.C.) no H-Clip required
- Superior nail holding

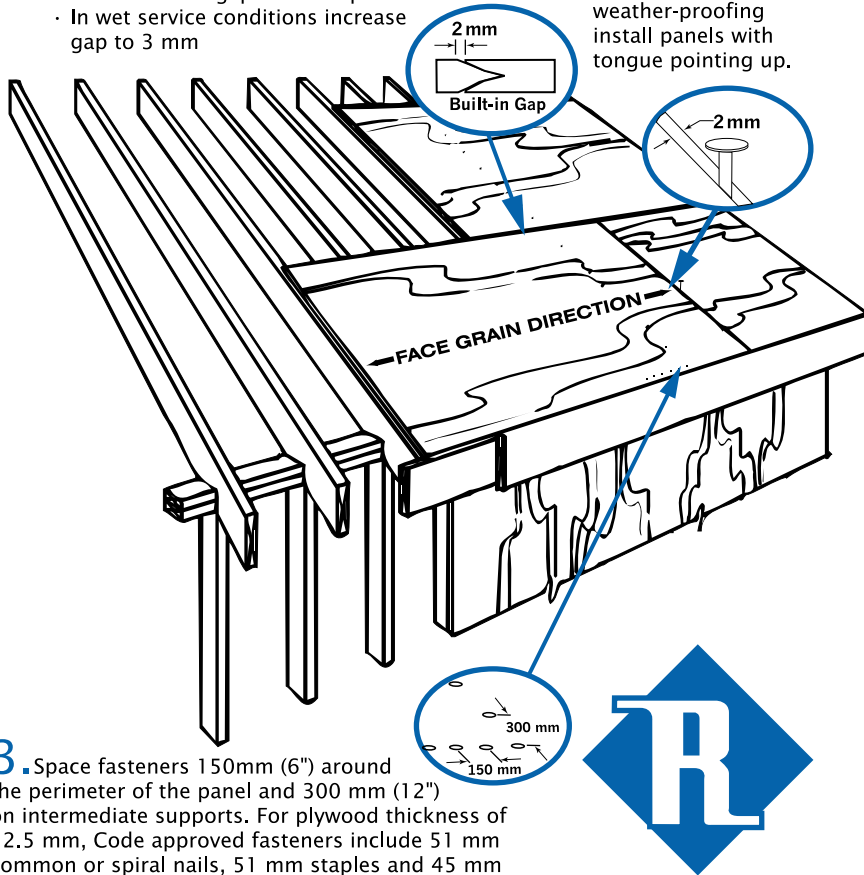


EASY T&G ROOF Quick Tips:

1. MAINTAIN PROPER GAPS, DO NOT FORCE PANELS TIGHTLY TOGETHER!

- Leave a 2 mm gap between panel ends.
- In wet service conditions increase gap to 3 mm

2. Lay panels with face grain across the joist. For increased weather-proofing install panels with tongue pointing up.



3. Space fasteners 150mm (6") around the perimeter of the panel and 300 mm (12") on intermediate supports. For plywood thickness of 12.5 mm, Code approved fasteners include 51 mm common or spiral nails, 51 mm staples and 45 mm ring thread nails or screws.

Advantages of EASY T&G ROOF

Every panel of Richply plywood is produced from selected high strength veneers assembled with a completely waterproof glue line and quality controlled during manufacture to ensure accurate dimensions, consistent grade and predictable structural performance. In addition to plywood's advantages of strength, lightweight, skid-resistant smooth surface, and easy workability, EASY T&G ROOF panels offer:

Patented tongue and groove profile that maintains its shape and easy workability even if panels are stored or installed in wet conditions.

Immediate rain protection beneath sheathed areas. The new edge profile effectively interlocks to help protect floors, equipment, and supplies and finish materials.

Excellent load bearing and load transfer performance. No H-clips are required because the profile eliminates differential deflection between adjoining panels.

Installing EASY T&G ROOF

In most applications, EASY T&G ROOF panels should be installed with the tongue edge up (i.e. pointing toward the ridge of the roof). An exception to this recommendation is the case where triangular cut-offs must be made, such as when sheathing hipped roofs.

When square edged plywood is used on hipped roofs, the triangular cut-offs are flipped over and used on the other end of the same row. This is not possible with EASY T&G ROOF when all panels are installed with tongue edge up. Instead, sheathe one side of the roof with EASY T&G ROOF's tongue edge up and the other side with the tongue edge down (i.e. pointing toward the eaves). The triangular cut-offs from one side of the roof can then be used on the other side with no loss of footage.

The EASY T&G ROOF edge profile is designed for easy installation even if slightly bowed. In such cases the panel should be held at an angle to the plane of the roof (30 to 40 degrees) while the lower edge is snapped or flexed against the rafters and then slid home. The tap against the rafters straightens the panel momentarily, allowing the join to be easily made.

Panels should be installed with the grain across supports and applied so that joints parallel to rafters are staggered. A 2mm gap between the ends of adjacent panels is required.

Fastening EASY T&G ROOF

EASY T&G ROOF panels are designed to span support spacing of 610 mm (24 O.C.) for 11 mm. No H-clips are required.

Panels should be securely fastened to the rafters. If common nails are used, these should be 51 mm (2 in.) in length. Annularly grooved nails have greater holding power and therefore a shorter length of 45 mm (1.75 in.) is permissible.

Nails should be spaced 150 mm (6 in.) apart along end supports and 300 mm (12 in.) apart along interior supports. Do not nail within 150 mm of the long edge of a panel until the adjoining panel is in position.

Handling EASY T&G ROOF

EASY T&G ROOF panels are extremely sturdy and well able to withstand the rigours of the job site. Nevertheless, reasonable care should be taken during transportation and handling to protect the sides of plywood bundles to prevent damage to the tongue and groove edges.