RoyOMartin
Since 1923
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Rated Sheathing Product and Installation Information

Description
Rated Sheathing is a structural wood panel composed of a D-grade or better face, back and inner plies cross-banded for strength. It is designated as Exposure 1 durability indicating it is bonded with an exterior resin and designed for applications where slight construction delays may be expected prior to providing protection or where high moisture conditions may be encountered in service. It is a Group 1 species, which indicates it is classed among the strongest and stiffest.

Certification
3/8", 15/32", 19/32", and 23/32" panels are certified by APA-The Engineered Wood Association - and are in compliance with APA Rated Sheathing, PS 2-92. An APA stamp confirming compliance appears on each panel.

Fire Rating
Plywood 3/8" and thicker has been generically recognized as having a Class C (III) flame-spread rating without need for test or label according to HUD/FHA Manual of Acceptable Practices, Section 405-8 to the Minimum Property Standards, Interpretive Bulletin C-1-76 to the HUD Manufactured Home Construction and Safety Standards.

Applications
Rated Sheathing is designed and manufactured specifically for residential and other light frame wall sheathing, roof sheathing, and sub-flooring applications.

Targeted Size & Thickness	Pcs. per Bundle	Span Rating
48" x 96", 3/8"	105 pcs./bundles	24/0
48" x 96", 15/32"	84 pcs./bundles	32/16
48" x 96", 19/32"	66 pcs./bundles	40/20
48" x 96", 23/32"	55 pcs./bundles	48/24

Storage
When possible, store panels under roof or in a protected area, especially if they won't be installed soon after receipt. If panels must be stored outside, stack them on a level platform supported by at least three 4x4s to keep them off the ground. Cover the stack loosely with non-transparent plastic sheets or tarps. Anchor the covering at the top of the stack, but keep it open and away from the sides and bottom to assure good ventilation. *www.apawood.org*

Handling
Protect the edges and ends of panels from damage. When receiving panels that will be moved by forklift, place panels on pallets or bunks to avoid damage from fork tines. Panels being transported on open truck beds should be fully covered. *www.apawood.org*

Fastening
Nails can be placed near panel edges without splitting the panel. Panels can be attached to steel or aluminum with mechanical fasteners using self-drilling, self-tapping screws, or hardened helically treaded nails.

Workability
Rated sheathing can be cut, drilled, routed, jointed, glued, fastened and finished with ordinary tools and basic skill.

Panel Spacing
Plywood, like all wood products, will expand and shrink slightly with changes in moisture content. To assure best performance for all applications, panel joints (ends and edges) should be spaced 1/8" unless otherwise recommended by the manufacturer. A 10d box nail may be used to gauge the spacing between panels.

Nailing Pattern and Sizes

Subflooring (Maximum Nail Spacing (in.))

Panel Span Rating	Panel Thickness (in.)	Maximum Span (in.)	Nail Size & Type	Supported Panel Edges	Intermediate Supports
32/16	15/32"	16"	6d common	6"	12"
40/20	19/32"	20"	8d common	6"	12"
48/24	23/32"	24"	8d common	6"	12"

Wall Sheathing (Maximum Nail Spacing (in.))

Panel Span Rating	Panel Thickness (in.)	Maximum Span (in.)	Nail Size & Type	Supported Panel Edges	Intermediate Supports
24/0	3/8"	24"	6d common	6"	12"
32/16	15/32"	32"	6d common	6"	12"
40/20	19/32"	40"	8d common	6"	12"
48/24	23/32"	48"	8d common	6"	12"

Roof Sheathing (Maximum Nail Spacing (in.))

Panel Span Rating	Panel Thickness (in.)	Maximum Span (in.)	Nail Size & Type	Supported Panel Edges	Intermediate Supports
32/16	15/32"	32"	6d common	6"	12"
40/20	19/32"	40"	8d common	6"	12"
48/24	23/32"	48"	8d common	6"	12"

Span Ratings

Span Rating	Nominal Panel Thickness	Minimum Number of Plies/Layers	Minimum Face & Back Veneer Thickness Before Pressing, for Species Group 1	2	3	4	Inner Ply Species Group
24/0	3/8"	3-3	1/10"	(a)	(a)	(a)	1,2,3 or 4
32/16	15/32"	3-3	1/10"	1/6"	(a)	(a)	1,2,3 or 4
40/20	19/32"	3-3	(b)	1/6"	(a)	(a)	1,2,3 or 4
48/24	23/32"	4-3	1/10"	1/6"	(a)	(a)	1,2,3 or 4

(a) Not permitted. (b) 1/8" minimum for 3-, 4- and 5-ply 3-layer panels.

Available as FSC-Certified on request.

Important Notice to Buyers and Users of RoyOMartin Plywood: These instructions are not intended to cover every installation requirement, detail, or variation, nor do they provide for every possible installation contingency. If any questions or problems arise concerning the installation of this product or its suitability for the purchaser's particular use, inquiries should be made to RoyOMartin. The information about products and application instructions printed herein is current at the time of publication; however, in accordance with RoyOMartin's policy of constant product improvement, the right is reserved to vary these application instructions and product specifications without notice. When placing your order, ask for the most recent product information.

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