

SmartCore® Premium Siding

Product & Installation Information



Product Description

Premium siding is a family of wood structural products composed of premium faces and C-grade backs and inner plies cross-banded for strength. Premium panels are rated specifically for use in exterior siding applications with a face grade of 303-6. The faces are manufactured with a slight rough-sawn texture running across the panel. (Wood and/or synthetic repairs are allowed and limited to a maximum number of 6 total repairs.) It is designated as Exterior durability indicating it is bonded with an exterior resin and is designed for applications subject to permanent exposure to weather or moisture. It is a Group 1 species, which indicates it is classed among the strongest and stiffest.

Certification

11/32" and 19/32" panels are certified by APA - The Engineered Wood Association and are in compliance with APA Performance Rated Panels, PS 1-07. An APA stamp confirming compliance appears on each panel.

Fire Rating

Plywood 3/8" and thicker has been generically recognized as having 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

Siding is designed for use as residential and nonresidential siding but can also be used as decorative accent panels, balcony screens, chimney enclosures, storage structures, ceilings, garage doors, fences, signs, planters, interior paneling, and numerous do-it-yourself applications.

Size & Thickness	Min. # of Plies	Span Ratings
48"x96", 11/32", 105 pcs./bundle	3	
<ul style="list-style-type: none">No groove square edgeNo groove shiplap4" OC8" OC		11/32" NGSE - 16/0 11/32" NGSL - 16/0 11/32" 4" OC - 16/0 11/32" 8" OC - 16/0
48"x96", 19/32", 66 pcs./bundle	5	
<ul style="list-style-type: none">NGSENGSL4" OC - T1-118" OC - T1-1112" OC, RBB		19/32" NGSE - 24/0 19/32" NGSL - 24/0 19/32" 4" OC - 16/0 19/32" 8" OC - 16/0 13/32" 12" OC, RBB - 24/0

Storage & Handling

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.

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. Visit www.apawood.org for the latest storage and handling information.

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

Premium siding can be cut, drilled, routed, jointed, blued, 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 ensure 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 spacing between panels.

Nailing Pattern & Sizes

*Inches; **Use casing or finishing nails			Max. Nail Spacing*	
Panel Thickness*	Max. Support Spacing*	Nail Size**	Panel Edges	Intermediate Supports
11/32"	16"	6d	6"	12"
19/32"	16" or 24"	8d	6"	12"
Texture 1-11	24"	8d	6"	12"

Important Notice to Buyers and Users

These instructions are not intended to cover every installation requirement, application, 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. Ask for the most current product information when placing product orders.



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