



August 1, 2014

To Whom It May Concern:

The documents contained herein are designed to provide adequate information for customers seeking building-code documentation for RoyOMartin's WindBrace® oriented strand board (OSB) product. Please find attached RoyOMartin WindBrace® OSB product literature, along with an informational flyer from APA – The Engineered Wood Association entitled "Wood Structural Panel Sizes."

All 7/16" thickness RoyOMartin WindBrace® panels are engineered to meet or exceed United States Department of Commerce PS-1 and PS-2 product standards, including ICC ESR-2586 for use in load-bearing wall-sheathing in high wind-load zones. In lengths of 97-1/8", 109-1/8", 121-1/8" and 145-1/8", these OSB panels are specifically designed for builders to attach the bottom plate to the top of the top plate to meet the more stringent wind-board criteria. All panels are stamped with a unique APA stamp with mill number 511 for our Oakdale, Louisiana, manufacturing plant.

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 product specifications and application instructions without notice. Ask for the most current product information when placing product orders. For additional information, please contact your RoyOMartin sales representative at 800-299-5174.

Thank you,

The RoyOMartin Customer Service Team

Application

WindBrace[®] oversize OSB panels are a full 1 1/8 in. taller than traditional OSB panels, enabling builders to tie the top plate to the bottom plate with a single sill-to-plate structural panel. Engineered for greater strength and less deflection, WindBrace[®] reduces labor and material costs by eliminating the need to install metal connectors, threaded bolts, and blocking and filler strips.

Certification

WindBrace[®] OSB sheathing panels are certified by APA-The Engineered Wood Association and are manufactured in conformance with APA PRP-108 and U.S. Voluntary Product Standard PS2. WindBrace[®] also holds a PR-N129 certification. The panels conform to the ICC Evaluation Service Legacy Report NER-108 for APA and are approved under the APA Rated Sheathing Standard. WindBrace[®] panels are engineered to meet or exceed United States Department of Commerce PS-1 and PS-2 product standards including ICC ESR-2586 for use in loadbearing wall sheathing high wind load zones. WindBrace[®] panels are specifically designed to attach the bottom plate to the top of the top plate, to meet the more stringent wind board criteria. All panels are stamped with a unique APA stamp with mill number 511.

Storage & Handling

Like any wood product, WindBrace[®] OSB sheathing panels should be stored to avoid excessive moisture pick-up. Store in a warehouse under cover of a roof or on concrete floors 3 inches off the ground. When stored outdoors, cover panels loosely with a protective material. Clear covering is not recommended. If plastic tarps are used, anchor them on top of the unit, but keep them away from the sides and bottom to ensure good air circulation and ventilation around the panels. Cut the banding on the unit to prevent edge damage. Allow 24 hours for panels to acclimate to the surrounding external weather conditions prior to installation.

WindBrace[®] OSB sheathing panels are intended for protected construction applications. If subjected to rain or standing water during normal construction, the panel edges may swell and mild surface roughening may occur. If these conditions are encountered, touch-sand panels where necessary after drying is complete.

WindBrace[®] wall sheathing panels must be installed with long dimension parallel to framing members. The smooth side of the panel should face the exterior of the structure. Attach the top of the WindBrace[®] to the top of the framing top plate and the bottom of the WindBrace[®] to the bottom sill plate.

Installation

Helpful tips:

Panel acclimation: Panels require 24 hours to acclimate to surrounding environmental conditions prior to installation.

Panel edge spacing: 1/8" minimum spacing is required along all edges, although extended-length panels require up to 1/4".

Nailing pattern: 6-inches on center on panel edges and 12-inches on center in the intermediate portion of the panel.

Local building codes and/or engineer specification may require a tighter nailing pattern than previously stated. If so, to minimize panel buckling, nail according to RoyOMartin's nailing pattern first, allow 72 hours to acclimate, then nail to the tighter nailing pattern.

Additional installation instructions available at royomartin.com.

Important Notice

This product is designed to meet international building codes; however, local building codes may supersede. These instructions are not intended to cover every installation requirement, application, detail, or variation, nor do they provide 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. Printed August 2014.

Available Sizes

Lengths*:
97 1/8 in., 109 1/8 in., 121 1/8 in., 145 1/8 in.

Thicknesses^:
7/16 in.

Available with Eclipse[™] Reflective Housewrap applied

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SMART PRODUCTS
by RoyOMartin[®]