

RoyOMartin

StructWall

Structural One Rated OSB

StructWall and StructWall XL are engineered for greater strength and less deflection than conventional OSB sheathing. Available in 9' and 10' extended-length panels as a cost-effective solution for meeting stringent building codes in seismically active areas.

Discover the Value of StructWall Structural One Rated OSB

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|---|---|---|--|
| 01 Provides excellent dimensional stability and surface uniformity | 02 Designed to minimize racking and shifting from seismic activity | 03 Flexes and absorbs shock under extreme conditions, reducing breakage and retaining strength | 04 Cost-effective in meeting building codes in seismically active areas |
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The mark of responsible forestry

All RoyOMartin products are available Forest Stewardship Council® (FSC®) certified.

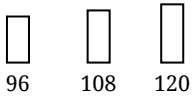


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Lengths



Lengths are nominal. All widths are 48" (nominal)

Thickness

15/32 & 19/32

Performance categories

Also available in:

Eclipse™ OSB Radiant Barrier

Eclipse™ Weather Resistant Barrier

Eclipse™ Air & Moisture Barrier



Application

StructWall and StructWallXL structural panels are ideally suited for roof sheathing, wall sheathing and sub-floors in both residential and commercial construction where a structural one rated panel is required. In most cases, StructWall and StructWallXL can be used in place of structural one rated plywood.

NOTE: StructWall and StructWallXL is not recommended for exposed siding or applications requiring surface primers or paint.

Installation Requirements

StructWall and StructWallXL roof sheathing and floor panels must be installed with the long dimension perpendicular to framing member and screened side up. Wall sheathing panels may be installed, smooth side out, with the long dimension parallel or perpendicular to framing members. Consult appropriate building-code requirements for sheathing span ratings and nailing patterns for APA-rated sheathing. Please refer to Eclipse™ documents for further installation and technical information.

Panel acclimation: Panels require 24 hours to acclimate to the 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".

Panel nailing: Consult nailing patterns and local building codes. Temporary nails, with "lighter-than-specified" nailing patterns, are required during the framing process to allow for continued acclimation prior to final nailing and installation of exterior covering.

Storage & Handling

Like any wood product, StructWall and StructWallXL structural 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 or 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 environmental conditions prior to installation.

StructWall and StructWallXL structural 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. These reactions are normal when compressed wood products are exposed to water. If edge swelling and surface roughening are encountered, touch-sand panels where necessary after they dry. Use reasonable care and avoid dropping panels on the edges, as chipping and damage to corners may occur. If you expect to transport StructWall and StructWallXL with a forklift, put the product on a pallet or supports to minimize panel damage from fork tines.

Certification & Technical Information

StructWall and StructWallXL OSB structural panels are verified by APA-The Engineered Wood Association and are manufactured in conformance with APA PRP-108 and U.S. Voluntary Product Standard PS2. The panels conform to the ICC Evaluation Service Legacy Report NER-108 for APA and by HUD-UM40.



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 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.