

Duratem[®] Exterior Siding
Roseburg Forest Products Company

PR-C302
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Products: Duratem Lap and Panel Siding

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1. Basis of the product report:
 - 2009 and 2006 International Building Code: Section 104.11 Alternative Materials
 - 2009 and 2006 International Residential Code: Section R104.11 Alternative Materials
 - ANSI/APA Standard for Performance-Rated Engineered Wood Siding, PRP-210
 - APA Performance Standards and Qualification Policy for Structural-Use Panels, PRP-108
 - APA Reports R&D 89Q-25, T95Q-12, and T2009Q-27, and other qualification data
2. Product description:

Roseburg Duratem exterior siding is made with a plywood base panel and a hardboard face in accordance with the specifications listed in the plant Quality Control Manual. It is available as panel siding and as lap siding, and has shiplap or square edges. Table 1 lists Roseburg Duratem performance categories and span ratings.
3. Design properties:

Shear wall values for Roseburg Duratem panel siding are the same as for plywood siding as listed in Table 2306.3 of the 2009 IBC and Table 2306.4.1 of the 2006 IBC with the exception that staples are not permitted. Bracing requirements as listed in Table R602.10.2 of the 2009 IRC and Section R602.10.3 Item 3 of the 2006 IRC for wood structural panels are applicable to Roseburg Duratem panel siding. Nailing requirements for Roseburg Duratem panel siding are in accordance with Table 2304.9.1 of the 2009 and 2006 IBC and Table R602.3(1) of the 2009 and 2006 IRC. Roseburg Duratem panel siding satisfies the requirements of Table R703.4 of the 2009 and 2006 IRC as exterior wall covering.
4. Product installation:

Roseburg Duratem siding shall be installed in accordance with the recommendations provided by the manufacturer (www.Roseburg.com) and APA Design/Construction Guide: *Engineered Wood Construction Guide*, Form E30 (www.apawood.org/publications). The maximum span shall be in accordance with the Span Rating shown in the trademark.
5. Fire-resistant construction:

Untreated wood structural panels have been shown to meet a Class III (or C) category for flame spread. Unless otherwise specified, fire-resistant construction shall be in accordance with APA Design/Construction Guide: *Fire-Rated Systems*, Form W305 (see link above).
6. Limitations:
 - a) Roseburg Duratem lap siding is not recognized for shear wall applications except when applied over nailable sheathing or other code recognized provisions.
 - b) Roseburg Duratem lap or panel siding used outdoors must be finished in accordance with recommendations provided by the manufacturer (see link above) and APA Design/Construction Guide: *Engineered Wood Construction Guide*, Form E30 (see link above).
 - c) Roseburg Duratem siding is produced at Roseburg Forest Products Company facilities in Dillard and Riddle, OR under a quality assurance program audited by APA.
 - d) This report is subject to re-examination in one year.

7. Identification:
 Roseburg Duratemp siding described in this report is identified by a label bearing the manufacturer's name (Roseburg Forest Products Company) and/or trademark, the product performance category, the Span Rating, the Exposure Rating, the APA assigned plant number (480 for Dillard, OR, and 482 for Riddle, OR), the APA logo, the report number PR-C302, and a means of identifying the date of manufacture.

Table 1. Product Performance Categories and Span Ratings

Product	Performance Category	Span Rating ^(a)
Lap Siding	1/2	24 o.c.
Panel Siding	3/8	16 o.c.
	13/32	16 o.c.
	15/32	16 o.c. or 24 o.c.
	1/2	16 o.c. or 24 o.c.
	19/32	16 o.c. or 24 o.c.

^(a) The Span Rating for Roseburg Duratemp siding panels in these performance categories may vary, depending on the panel construction details and is identified in the trademark.

APA – *The Engineered Wood Association* is an accredited certification body under ISO 65 by Standards Council of Canada (SCC) and an accredited inspection agency by the International Code Council (ICC) International Accreditation Service (IAS) under ISO/IEC 17020. APA is also an accredited testing organization recognized by IAS and SCC under ISO/IEC 17025. APA is a recognized testing laboratory by Miami-Dade County, and a Product Testing Laboratory, Product Quality Assurance Entity, and Product Validation Entity by the Florida Department of Community Affairs (DCA).

**APA – THE ENGINEERED WOOD ASSOCIATION
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