

West Fraser Treated OSB
West Fraser Timber Co. Ltd.

PR-N213

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Products: West Fraser Treated OSB

West Fraser Timber Co. Ltd., 885 West Georgia Street, Suite 1500, Vancouver, British Columbia, V6C 3E8, Canada

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osb.westfraser.com

1. Basis of the product report:
 - 2021, 2018, 2015, and 2012 International Building Code (IBC): Section 104.11 Alternative materials
 - 2021, 2018, 2015, and 2012 International Residential Code (IRC): Section R104.11 Alternative materials
 - DOC PS 2-18, Performance Standard for Wood Structural Panels
 - APA Reports Q08Q-3 and Q10Q-5, and other qualification data
2. Product description:

West Fraser treated oriented strand board (OSB) is made with strands of various species and strand classifications in accordance with the in-plant manufacturing standard approved by APA. The OSB is treated with *Borogard*[®] ZB (registered trademark of U.S. Borax; an EPA-registered zinc borate preservative) for decay and insect resistance to a retention level equivalent to that specified in American Wood Protection Association (AWPA) Standard T1 and to that specified as Hazard Class H2 in the Australia – New Zealand Standard AS/NZS 1604.2:2012. The efficacy of the preservative treatment is outside the scope of this report and the APA certification program. West Fraser treated OSB meets the requirements of PS 2 and is edge sealed and available in Performance Categories from 3/8 to 1-1/8.
3. Design properties:

West Fraser treated OSB panels meet the design properties specified in APA *Panel Design Specification*, Form D510 (www.apawood.org/resource-library).
4. Product installation:

West Fraser treated OSB recognized in this report shall be installed in accordance with recommendations provided by the manufacturer (www.westfraser.com) and APA *Engineered Wood Construction Guide*, Form E30 (see link above). The maximum span shall be in accordance with the Span Rating shown in the trademark.
5. Fire-resistant construction:

Wood structural panels that are not treated with fire retardant chemicals have been shown to meet a Class III (or C) category for flame spread. Where otherwise specified, fire-resistant construction shall be in accordance with the recommendations published in APA *Design/Construction Guide: Fire-Rated Systems*, Form W305 (see link above).
6. Limitations:
 - a) West Fraser treated OSB recognized in this report shall be used in a design span not exceeding the span rating shown in the trademark.
 - b) West Fraser treated OSB is limited to use in interior above-ground applications consistent with the recommendations provided by the manufacturer.
 - c) West Fraser treated OSB is limited to dry service conditions where the average equilibrium moisture content of sawn lumber is less than 16%.
 - d) West Fraser treated OSB is produced by West Fraser Timber Co. Ltd. at the West Fraser facility in Barwick, Ontario, Canada under a quality assurance program audited

- by APA. The efficacy of the preservative treatment is outside the scope of this report and the APA certification program.
- e) This report is subject to re-examination in one year.

7. Identification:

West Fraser treated OSB panels described in this report are identified by a label or stamp bearing the manufacturer's name and/or trademark (West Fraser), the APA assigned plant number (498), the product Performance Category and span rating, the APA logo, the report number PR-N213, and a means of identifying the date of manufacture.

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