



TruBase XL Information Sheet

General – Norbord OSB (Which Includes West Fraser Branded OSB) does not contain any added Urea Formaldehyde resins. For manufactured homes installation instructions refer to the APA’s Engineered Wood Association Technical Note F415H installation document and/or the appropriate building code and/or the design professionals’ specifications. Information relevant to certification, span ratings, bond classification and mill identification are included in the APA grade stamp applied to every panel when applicable.

Handling and Storage – Refer to the APA’s Engineered Wood Association Technical Note F415H.

Exposure to Moisture – All rated Norbord OSB* has an Exposure1 bond classification. Although panels should not be directly exposed to the weather or moisture on a continuous basis, the Exposure 1 on Norbord OSB* indicates that unprotected exposure during ordinary construction periods will not adversely affect the structural properties. Exposure to adverse moisture conditions could result in edge swell. Sanding may be required to level uneven edges prior to finish-covering application. Exposure to certain moisture conditions could also result in development of mold and mildew.

Floor Sheathing – Norbord OSB* used as floor sheathing should be applied with the grade stamp facing down. Always read the grade stamp for up-to-date information.

Installation – Follow the APA Engineered Wood Association, Technical Note F415H, and/or your local building code or design professional’s instructions. All panels must be spaced 1/8” along all edges. Panels are sized to allow this spacing.

Tip: use a 10D common nail as a space guide. For every continuous section of panels exceeding 80 feet in length, a 3/4” expansion point is required, refer to APA U425C for details.

TruBase XL Panels are APA series N-216-F wood structural panels. Unless otherwise indicated in the trademark, the OSB panel can be installed with long axis parallel to joists as per APA Technical Note F415H. For single-layer floor applications, panel end and edge joints must be supported by framing or battens.

APA Manufactured Home panel stamp (example):



Nail spacing and type – Refer to the APA’s Engineered Wood Association Construction Guide F415H. Always consult your local building official for local requirements and/or design professional’s instruction. Staples must be equivalent to the specified nails and may require different spacing (refer to ESR-1539). Edge fasteners must be in 3/8” from panel edges and corners.

Glued Floor – As per APA F415H Technical note, adhesives meeting APA Specification AFG-01 or ASTM D3498 are recommended for gluing APA Rated TruBase XL panels

Ventilation/Moisture Control must be provided in crawl spaces - Refer to the APA's Engineered Wood Association Technical Note F415H. Net vent openings of at least 1/150th of the crawl space horizontal area is recommended. Building codes require an impermeable moisture barrier on top of the ground cover in all crawl spaces. All exhaust fans from inside the building must be ducted outside the structure. Ventilation and moisture control are the Builder's and/or the Owner's responsibility.

TruBase XL panels are certified by the APA, the Engineered Wood Association, in compliance with APA's Performance Standards for Structural Use Panels with certified panels carrying the APA grade stamp and reference to product standards PRP-108 and PS 2-18. Code recognition is through APA's ESR-2586 code evaluation report, which references the PS-2 standard. This report provides recognition by ICC. For Canada, Norbord OSB* panels comply with CSA Standard O325.0.16 Construction Sheathing. Although Norbord OSB* is widely recognized in Canada and the U.S., regional and local codes can vary widely.

It is the users' responsibility to comply with code requirements in their area.

* Which Includes West Fraser Branded OSB