APA PRODUCT REPORT®

Tolko Zinc-Borate Treated OSB
Tolko Industries Ltd.

PR-N216
Revised January 29, 2026

Products: Tolko Zinc-Borate Treated OSB
Tolko Industries Ltd., P.O. Box 39, Vernon BC V1T 6M1, Canada
(250) 545-4411
www.tolko.com

1. Basis of the product report:
   - 2024 International Building Code (IBC): Section 104.2.3 Alternative materials
   - 2021, 2018, and 2015 International Building Code (IBC): Section 104.11 Alternative materials
   - 2024 International Residential Code (IRC): Section R104.2.2 Alternative materials
   - 2021, 2018, and 2015 International Residential Code (IRC): Section R104.11 Alternative materials
   - PS 2-18, Performance Standard for Wood Structural Panels
   - APA Report T2017P-44 and other qualification data

2. Product description:
   Tolko Zinc-Borate treated OSB is manufactured in accordance with the in-plant manufacturing standard approved by APA. The OSB panel is manufactured with wood flakes, adhesive, wax, and Nisus ZB-Shield® or Rio Tinto Borogard® ZB zinc borate, which is added 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 H2S in the Australia – New Zealand standard AS/NZS 1604.1:2021. The efficacy of the preservative treatment is outside the scope of this report and the APA certification program. Tolko Zinc-Borate treated OSB meets the performance requirements of PS 2, and is edge sealed and available in thicknesses from 3/8 to 1-1/8 inches.

3. Design properties:
   Tolko Zinc-Borate treated OSB panels meet the design properties specified in APA *Panel Design Specification*, Form D510 (www.apawood.org/resource-library) for the Span Rating shown in the trademark.

4. Product installation:
   Tolko Zinc-Borate treated OSB recognized in this report shall be installed in accordance with recommendations provided by the manufacturer (www.tolko.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. Unless otherwise specified, fire-resistant construction shall be in accordance with the recommendations published in APA *Fire-Rated Systems*, Form W305 (see link above).

6. Limitations:
   a) Tolko Zinc-Borate treated OSB recognized in this report shall be used in a design span not exceeding the span rating shown in the trademark.

b) Tolko Zinc-Borate treated OSB is limited to use in interior above-ground applications consistent with the recommendations provided by the manufacturer.
c) Tolko Zinc-Borate treated OSB is limited to dry service conditions where the average equilibrium moisture content of sawn lumber is less than 16%.
d) Tolko Zinc-Borate treated OSB is produced by Tolko Industries at their facility in Slave Lake, Alberta, 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:
Tolko Zinc-Borate treated OSB panels described in this report are identified by a label or stamp bearing the manufacturer's name and/or trademark (Tolko), the APA assigned plant number (514), the product thickness and span rating, the APA logo, the report number PR-N216, and a means of identifying the date of manufacture.

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