1. Basis of the product report:
     Alternative materials
     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 zinc borate, which is added for decay and insect
   resistance to a retention level equivalent to that specified in the American Wood
   Protection Association (AWPA) Standard T1 and to that specified as Hazard Class
   H2 in the Australia – New Zealand standard AS/NZS 1604.2:2021. 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.