



TECHNICAL NOTE

Early Fire Hazard Properties of Ecoply Products

August 2026

PRODUCT NAME: Ecoply Plywood Products



INTRODUCTION:

CHH Plywood (CHH Ply) has recently completed additional cone calorimeter testing on its range of Ecoply products manufactured or distributed by CHH Ply. As a part of this testing, a Material Group 3 rating was confirmed for uncoated CHH Plywood supply partners Sudati and Palmasola.

All Ecoply products are manufactured from renewable plantation resource and manufactured to the requirements of AS/NZS 2269, Plywood Structural, under a 3rd Party Quality Control program.

FIRE, SPREAD OF FLAME AND SMOKE DEVELOPMENT

The following data on early fire hazard properties of uncoated Ecoply Plywood Products are the result of tests carried out by BRANZ to test structural plywood distributed by Carter Holt Harvey Plywood in accordance with ISO 5560, Reaction-to-fire tests - Heat release, smoke production and mass loss rate - Part 1: Heat release rate (cone calorimeter method).

For plywood with decorative finish coatings or intumescent coating, performances depend on spread rates of the coating.

For advice on specific coating systems and their suitability for use with Ecoply products, always refer to the coating manufacturer.

CONCLUSION:

As CHH Ply extends its offer to include product either manufactured or distributed by CHH Ply, cone calorimeter testing was completed to confirm a Material Group rating of 3 for our supply partners.

REFERENCES:

- ISO 5660-1:2015 "Reactions-to-fire tests – Heat release, smoke production and mass loss rate. Part 1 Heat release rate (cone calorimeter method) and smoke production rate (dynamic measurement)"
- AS/NZS 1604.3:2012 "Specification for Preservative Treatment, Part 3: Plywood".
- AS/NZS 2269:0:2012 "Plywood Structural"
- ECOPLY® SPECIFICATION & INSTALLATION GUIDE



LIMITATIONS:

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