



Product Certified

Formaldehyde Emission Classifications

The Engineered Wood Products Association of Australasia Ltd. certifies that

Austral Plywoods Pty Ltd

1 Curzon Street, Tennyson, QLD, 4105, Australia

Mill Number **411**

manufactures the following products which continue to satisfy the EWPAA Plywood and LVL Scheme Rules for Certification with regard to formaldehyde emission. This is based on a rolling three monthly average of NATA accredited laboratory test results complying with the limits specified in the relevant standard. Testing is conducted in accordance with AS/NZS 2098.11 : 2005*

Product	Standard Certified Against	Bond Type	Emission
Plywood	AS/NZS 2269 : 2012 - Plywood Structural	A Bond	Super E0
Plywood	AS/NZS 2270 : 2006 - Plywood Interior	C Bond	E0
Plywood	AS/NZS 2271 : 2004 - Plywood Exterior	A Bond	E0
Plywood	AS/NZS 2272 : 2006 - Plywood Marine	A Bond	E0

Dave Gover
EWPAA CEO
Date of Issue : 30-Oct-19

*Emission Limits : E0 <= 0.5mg/L, E1 <= 1mg/L, E2 <= 2mg / L. Super E0 must have an average emission amount <= 0.3 mg/L with a maximum amount <= 0.4 mg/L. For all standards other than AS/NZS 2269, the Super E0 classification is an industry limit. When Super E0 is claimed, the product also complies with the E0 classification from the relevant standard. This certificate is valid on the date of issue. This certificate must not be reproduced except in full. To view the current list of EWPAA certifications held by this organisation, please visit the EWPAA's on-line register at <http://www.ewp.asn.au/register>.





4 November 2019

To whom it may concern

RE: Formaldehyde emission ratings from Austral Plywood Marine and Exterior Plywoods

This letter is to advise that Austral Plywood's Exterior and Marine Plywood products certified by EWPAA have formaldehyde emissions equivalent to Super E0 as defined in AS/NZS 2269 *Plywood – Structural - Specifications*. An explanation is also provided as to why EWPAA's product certification lists their Exterior and Marine plywoods as conforming to E0 rather than Super E0.

EWPAA provides Austral Plywood third-party product certification of Exterior plywood to AS/NZS 2271 *Plywood and Blockboard for Exterior Use* and Marine plywood to AS/NZS 2272 *Plywood - Marine*. The product certification program includes regular audits of the manufacturing process and independent testing through the EWPAA's NATA accredited laboratory to ensure that bond quality, dimensional accuracy, and formaldehyde emissions conform to the requirements of the respective Australia/New Zealand Standards.

Unfortunately AS/NZS 2271 and AS/NZS 2272 do not currently include a Super E0 category. The lowest emission level they specify is for E0 at 0.5mg/L when tested to AS/NZS 2098.11 *Methods of test for veneer and plywood Method 11: Determination of formaldehyde emissions for plywood*. AS/NZS 2269 *Plywood – Structural* does include an emissions limit for Super E0 of 0.3mg/L. Austral Plywood's manufacturing processes are set up to produce Exterior and Marine plywoods that consistently achieve emissions less than the Super E0 limit. Testing has consistently verified this to be the case over several years. However, EWPAA's certificate can only state conformity to the lowest category in the Exterior and Marine Plywood Standards, that being E0.

Please be assured, that if there was a Super E0 category in AS/NZS 2271 and AS/NZS 2272, Austral Plywood's Exterior and Marine products would meet the requirements necessary to claim Super E0.

If the reader would like clarification of this or other questions about plywood product conformity, please contact EWPAA at the number below.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Dave Gover', with a long horizontal line extending to the right.

Dave Gover
CEO