

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
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TEST REPORT

Client : Interwil Trading Australia
PO Box 8101
Tarneit VIC 3029

Test Number : 16-004093
Issue Date : 22/08/2016
Print Date : 23/08/2016

Sample Description Clients Ref : "Hardboard"
Hardbond engineered timber

AS/NZS 4266.16-2004

Reconstituted Wood Based Panels - Methods of Test Formaldehyde Emission - Desiccator Method

Date of Test: 19/08/2016
Formaldehyde Emission: 0.09 mg/L

Test pieces: 18 pieces were prepared from 500 x 500mm panels

Conditioning: Temperature 20+/-2degC and 65+/-5% Relative Humidity
Conditioning Period: 7 days

TESTED BY: AWTA JSIC JinAo

Emission Class	Formaldehyde Emission Limit (mg/l)	Formaldehyde Emission Limit (ppm)*
Super E ₀	Less than or equal to 0.3	Less than or equal to 0.024
E ₀	Less than or equal to 0.5	Less than or equal to 0.04
E ₁	Less than or equal to 1.0	Less than or equal to 0.08
E ₂	Less than or equal to 2.0	Less than or equal to 0.16
E ₃	Greater than 2.0	Greater than 0.16

* Based on a test chamber volume of 10 Litre, zero airflow during the 24 hr test cycle, molecular weight of the formaldehyde 30.03 and the number of the microlitres of formaldehyde gas in 1 micromole at 101KPa and 298K.

Table 1 : Formaldehyde Emission Classes from Australian / New Zealand Standards

68332

14020

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