

Reconstituted wood-based panels — Methods of testing

Part 1: Base panels

Amendment No. 1

Revised text amendment

Publishing and Approval Dates

Council of Standards Australia Approval: 10 August 2021

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Summary

This amendment applies to the following elements:

- Clauses 17.6.3.4 and 17.6.4
- Tables A1 and A2

Amendment Details

AS/NZS 4266.1:2017 is amended as follows. The amendments should be inserted in the locations as instructed.

Element	Instruction/New text
CI 17.6.3.4	Delete Item (d), and <i>replace</i> with the following: (d) Plot the formaldehyde concentrations (y-axis) against the final absorbance values (x-axis), between 0 mg/L and 2 mg/L for the 10 mm spectrophotometer cells and between 0 mg/L and 1.5 mg/L for the 50 mm spectrophotometer cells, and determine the line of best fit with the intercept set to zero.
CI 17.6.4	Delete Equation 17(2), including formula, and <i>replace</i> with the following: $G = f \times (A_d - A_b) \times \frac{1\,800}{S} \quad \dots 17(2)$ where G = concentration of formaldehyde due to the test pieces, in mg/L f = slope of the calibration curve for the standard formaldehyde solution, in mg/L A_d = absorbance of the solution from the desiccator containing the test pieces A_b = absorbance of the background formaldehyde solution, see Clause 17.5.4.2 S = surface area of the test pieces, in cm², see Clause 17.4.1

Tbl A1*Delete table and replace with the following:*

TABLE A1
SINGLE-SIDED k_n -VALUES
IN RELATION TO THE SAMPLE
SIZE n WHEN SAMPLED STANDARD DEVIATION IS USED

n	k_n	n	k_n
2	2.731	17	1.769
3	2.195	18	1.764
4	2.038	19	1.760
5	1.960	20	1.757
6	1.913	21	1.753
7	1.880	22	1.750
8	1.857	23	1.747
9	1.838	24	1.744
10	1.824	25	1.742
11	1.812	26	1.740
12	1.802	27	1.737
13	1.794	28	1.735
14	1.786	29	1.733
15	1.780	30	1.732
16	1.774		

NOTE: The table values assume that up to one retest is performed.