

Emission Test Certificate

Tuesday, September 8th, 2015

Supplier: Premium Floors (7/14 Rodborough Road, French's Forest, NSW 2086)

Sample Description: Unilin Engineered Wood Floor with HDF

Date Tested: August 2015 (Tested by FORAY Laboratories – NATA Accreditation 1231)

Test Method: ASTM D5116 "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products".

Emission Data:

Green Building Council of Australia Green Star Office Design v3 IEQ-13	Unilin Engineered Wood Floor with HDF (R)
Total Volatile Organic Compound Emission Rate limit <math><0.5\text{mg}/\text{m}^2/\text{hr}</math>	Total Volatile Organic Compound Emission Rate: $0.311 \text{ mg}/\text{m}^2/\text{hr}$
4-phenylcyclohexene Emission Rate limit <math><0.05\text{mg}/\text{m}^2/\text{hr}</math>	4-phenylcyclohexene Emission Rate: <math><0.004 \text{ mg}/\text{m}^2/\text{hr}</math>
EN 14041:2004 (E)	Unilin Engineered Wood Floor with HDF (R)
Formaldehyde Emission limit $\leq 0.124 \text{ mg}/\text{m}^3$	Formaldehyde Emission: $0.085 \text{ mg}/\text{m}^3^*$

*Standard EN 14041:2004 (E) references test method EN 717-1 for the limit of $\leq 0.124 \text{ mg}/\text{m}^3$. The stated result was calculated from an emission rate applied to the Greenguard Standard Office Model using 13 m^2 exposed floor area, room volume of 32 m^3 , ventilation rate of 0.72 hr^{-1} .



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