

Fire Test Certificate

Friday April 17th, 2015

Supplier: Australian Select Timbers Pty Ltd (61-63 Discovery Road, Dandenong, VIC 3175)

Sample Description: Hickory Impressions

Date Tested: March 2015 (Tested through FORAY Laboratories – NATA Accreditation 1231)

Test Method: AS/NZS 3837:1998 “Method of Test for Heat and Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter”

Test Data (three test average values):

Average Heat Release Rate	56.5 kW/m ²
Average Specific extinction area	34.7 m ² /kg
(according to Specification C1.10 of the Building Code of Australia)	
Test Orientation	Horizontal
Irradiance	50 kW/m ²
Exhaust flow rate	24 L/s
Time to sustained flaming	38s
Test Duration	2341s
Peak heat release after ignition	260.8 kW/m ²
Average heat at 60s	181.8 kW/m ²
Release rate at 180s	157.0 kW/m ²
After ignition at 300s	143.3 kW/m ²
Total heat released	129.8 MJ/m ²
Average effective heat of combustion	14.8 MJ/kg
Initial thickness	12.0mm
Initial mass	78.0g
Mass remaining	6.0g
Mass percentage pyrolysed	92.4%
Mass loss	72.1g
Average rate of mass loss	3.8 g/(m ² x s)
Group Number Classification	Group 3



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