

Fire Test Certificate

Tuesday, 16th October 2018

Supplier: Terra Mater Hardwood Floors Pty Ltd (23-27 Rodeo Drive, Dandenong South, VIC, 3175)

Sample Description: Linwood Misty Grey 3786 Flooring Board

Date Tested: September 2018 (Tested by Laboratory – NATA Accreditation 1356)

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	40.7 kW/m ²
Average Specific extinction area	24.1 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	0.024 m ³ /s
Time to sustained flaming	39 s
Test Duration	3600 s
Peak heat release after ignition	249.1 kW/m ²
Average heat at 60s	188.6 kW/m ²
Release rate at 180s	163.4 kW/m ²
After ignition at 300s	139.0 kW/m ²
Total heat released	145.1 MJ/m ²

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Test Data (three test average values):

Average effective heat of combustion	13.8 MJ/kg
Initial thickness	17.0 mm
Initial mass	160.0 g
Mass at sustained flaming	159.3 g
Mass remaining	74.6 g
Mass percentage pyrolysed	53.4 %
Mass loss	10.5 kg/m ²
Average rate of mass loss	4.3 g/(m ² x s)
Group Number Classification (In accordance with AS 5637.1-2015)	3



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