

Fire Test Certificate

Monday, 23th October 2017

Supplier: Bishop Decorative Finishes (27 Jessie Street, Richmond Vic 3121).

Sample Description: Water Stone Polished Plaster.

Date Tested: October 2017 (Tested through laboratories – 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	Fti kW/m ²
Average Specific extinction area	14.9 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	Fti s
Test Duration	600 s
Initial thickness	6.0 mm
Initial mass	72.5 g
Mass remaining	63.6 g
Mass percentage pyrolysed	12.3 %
Mass loss	8.9 g
Average rate of mass loss	1.7 g/(m ² x s)
Group Number Classification (In accordance with AS 5637.1-2015)	1

Fti = failed to ignite

Specimens tested failed to ignite within 10 minutes and testing was ceased as per section 2.5.2 (i)

This product has a release rate of less than 50 kW/m². The formulas given in the Building Code of Australia do not allow the calculation of a group in these circumstances. A product with very low heat release rates like this product is classified as a group 1 material or better according to advise from the Australian Building Codes Board.

These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for assessment of performance under real fire conditions.

The results of these fire tests may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of the fire hazard under all fire conditions.



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