

# Certificate of Test

Quote No.: NC7932

REPORT No.: FNC12153

## COMBUSTIBILITY TEST FOR MATERIALS IN ACCORDANCE WITH AS 1530.1-1994

**TRADE NAME:** Benex Masonry Products

**SPONSOR:** Benex Pacific Pty Ltd  
PO Box 5258  
KAHIBAH NSW 2290  
AUSTRALIA

**DESCRIPTION OF TEST SAMPLE:**

The sponsor described the tested specimen as a cementitious mix comprised of high early strength cement, basalt crusher dust, lime, polystyrene, water and surfactant.

Nominal thickness: 50 mm  
Nominal density: 1000 kg/m<sup>3</sup>  
Colour: grey

**TEST PROCEDURE:**

Five (5) samples were tested in accordance with Australian Standard 1530 Methods for fire tests on building materials, components and structures, Part 1- 1994: Combustibility Test for Materials.

An alternative suitable insulating material was used to fill the annular space between the furnace tubes, as specified in Clause 4.2 of ISO 1182:2010.

**RESULTS:**

Mean furnace thermocouple temperature rise ..... 2.2°C  
Mean specimen centre thermocouple temperature rise.....1°C  
Mean specimen surface thermocouple temperature rise ..... 1.8°C  
Mean duration of sustained flaming..... 0 seconds  
Mean mass loss ..... 11.88%

**DESIGNATION:**

The material is NOT deemed COMBUSTIBLE according to the test criteria specified in Clause 3.4 of AS 1530.1-1994.

These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

DATE OF TEST: 18 April 2018

Issued on the 30<sup>th</sup> day of April 2018 without alterations or additions.



Faustin Molina  
Testing Officer



Brett Roddy  
Team Leader, Fire Testing and Assessments

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