

Certificate of Test

Quote No.: NC7915

REPORT No.: FNC12122

COMBUSTIBILITY TEST FOR MATERIALS IN ACCORDANCE WITH AS 1530.1-1994

TRADE NAME: Insulation Essentials Residential Glasswool Batt range

SPONSOR: The Trustee For Bonnici Family Trust
56 Yellow Drive
CRAIGIEBURN VIC 3064
AUSTRALIA

DESCRIPTION OF TEST SAMPLE:

The sponsor described the tested specimen as a range of densities of glasswool insulation batts comprising of molten glass fibre with a phenolic resin binder.

Nominal thickness: 50 mm
Nominal density: 8 kg/m³ to 32 kg/m³
Colour: yellow

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.....	1.8°C
Mean specimen centre thermocouple temperature rise	7.4°C
Mean specimen surface thermocouple temperature rise.....	2.8°C
Mean duration of sustained flaming... ..	0 seconds
Mean mass loss.....	5.21%

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: 14 February 2018

Issued on the 16th day of March 2018 without alterations or additions.



Faustin Molina
Testing Officer



Brett Roddy
Team Leader, Fire Testing and Assessments

Copyright CSIRO 2018 ©. Copying or alteration of this report without written authorisation from CSIRO is forbidden.



NATA Accredited Laboratory
Number: 165
Corporate Site No 3625

Accredited for compliance with ISO/IEC 17025 - Testing.

CSIRO INFRASTRUCTURE TECHNOLOGIES

14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555 www.csiro.au

