

Certificate of Test

QUOTE No.: NE8517

REPORT No.: FNE12791

AS/NZS 1530.3:1999 SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

TRADE NAME: Siderise CWFS Cavity Barrier

SPONSOR: Trafalgar Group Pty Ltd
26A Ferndell Street
SOUTH GRANVILLE NSW 2142
AUSTRALIA

DESCRIPTION OF SAMPLE:

The sponsor described the tested specimen as a stone wool material with aluminium foil on the front and back face. The stone wool was comprised of stone wool fibre, mineral oil and binder.

The foil face was adhered to the stone wool using a thermal bonding process.

Nominal thickness of foil face: < 0.15 mm
Nominal thickness of stone wool: 120 mm
Nominal total thickness: 120 mm
Nominal density: 75 kg/m³
Colour: silver (foil) / yellow (stone wool)

TEST PROCEDURE: Six (6) samples were tested in accordance with AS/NZS 1530, Method for fire tests on building components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1999. For the test, each sample was clamped to the specimen holder in four places.

RESULTS: The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	N/A	N/A
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m ²)	N/A	N/A
Smoke Release (log ₁₀ D)	-1.830	0.055

For regulatory purposes these figures correspond to the following indices:

Ignitability Index (0-20)	Spread of Flame Index (0-10)	Heat Evolved Index (0-10)	Smoke Developed Index (0-10)
0	0	0	1

The results of this fire test 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 fire hazard under all fire conditions.

DATE OF TEST: 19 August 2021

Issued on the 1st day of September 2021 without alterations or additions.



Faustin Molina
Testing Officer



Stephen Smith
Team Leader, Reaction to Fire Laboratory

End of Report

Copyright CSIRO 2021 ©. 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

