



CERTIFICATE

Material Fire Test Certificate

IGNL-3156-03 I01R00

Date of Test 17-Oct-19
ISSUED 21-Jan-20
EXPIRY 20-Jan-25

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

Specimen Identification

QT + TCS-PV

Specimen Description

The sponsor described the tested specimen as
QT Ecoseries external wall panels

Test Method

One specimen was tested in accordance with Australian Standard 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. A woven metal radiant panel was used in lieu of ceramic tiles.
The testing of a single method is a deviation from the test method. The test was undertaken for indicative purposes only.

PRESENTED TO

Eco Cladding T/A QT System:
2/423 Bradman Street
Acacia Ridge QLD 4110
www.qt-systems.com.au

TEST BODY

Ignis Labs Pty Ltd
ABN 36 620 256 617
PO Box 5174
Braddon ACT 2612
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(02) 6111 2909

Observations

Specimen did not ignite during the test but very light smoking started at approximately 472 s.
Transmission was 100% throughout the duration of the test.

Parameter	Symbol	Unit	Results								
Specimen number			1	2	3	4	5	6	7	8	9
Ignition time	Ti	min	NA	NA	NA	NA	NA	NA	NA	NA	NA
Flame Propagation time	Tf	s	-	-	-	-	-	-	-	-	-
Heat release integral		kJ/m ²	-	-	-	-	-	-	-	-	-
Optical density (ignition)	D	/m	-	-	-	-	-	-	-	-	-
Optical density (non ignition)	D _{NI}	/m	0	-	-	-	-	-	-	-	-
Smoke release (ignition)	Log10(D)		-	-	-	-	-	-	-	-	-
Smoke release (non ignition)	Log10(D)NI		0	-	-	-	-	-	-	-	-

Calculation

Parameter	Mean	Standard Error	Comment
Ignition time	-	-	
Flame Propagation time	-	-	
Heat release integral	-	-	
Optical density (ignition)	-	-	
Optical density (non ignition)	0	-	
Smoke release	0	-	

Result

Indices	Range	Result	BCA Specification C1.10	
Ignitability	0-20	0	-	-
Spread of Flame	0-10	0	9	Pass
Heat Evolved	0-10	0	-	-
Smoke Developed	0-10	0	8	Pass



Test Technician
Hernan Ramirez

Test Engineer
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Chartered Professional Engineer
CPEng, NER (Fire Safety / Mech) 2590091, RPEQ11498, BPE-C10-1875, EF-38394,
MFireSafety (UWS), BEng (UTS), GradDipBushFire (UWS), DipEngPrac (UTS), DipEng (CIT)

Version:

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Disclaimer

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.
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