

# Certificate of Test

Registry File: NR2001/0146

BCE Doc. 01/203

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FIRE TESTING OF BLACK SURFACE MAT ATTACHED TO INSULATION SUBSTRATE IN ACCORDANCE WITH AS/NZS 1530.3:1999; and ASTM E648 - 1997.

TRADE NAME: Regina Black - P500PVB

SPONSOR: Regina Glass Fibre Pty Ltd  
215 Williamsons Road  
Templestowe VIC

DESCRIPTION OF TEST SPECIMEN:

The sponsor described the specimen as thin (< 1mm) black **mat** (also called a **tissue**) adhered on the surface of glass wool insulation blanket. FOSTIK 1850 adhesive was used to stick the mat to the insulation substrate.

Mass	60 – 65 g/m <sup>2</sup>	Binder type	Urea formaldehyde
Nominal thickness	0.6 mm	Binder Content	24%

AS/NZS 1530.3:1999:

#### TEST PROCEDURE

Six samples were tested in accordance with Australian/New Zealand 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. The specimen was mounted on a 4.5-mm thick fibre-reinforced cement backing, and clamped to the specimen holder in four places.

#### RESULTS

Ignitability Index (0-20)	0
Spread of Flame Index (0-10)	0
Heat Evolved Index (0-10)	0
Smoke Developed Index (0-10)	2

ASTM E648 - 1997:

#### TEST PROCEDURE

Four samples were tested in accordance with ASTM E648 - 1997: Standard Test Method for Critical Radiant Flux Of Floor-Covering Systems Using A Radiant Heat Energy Source. Three samples @ 0.5 minute pre-heat period, and one sample @ 2 minute pre-heat period.

#### RESULTS

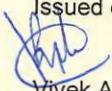
Mean Flame propagation distance	0-mm
Average Critical Radiant Heat Flux at flame out	>10 kW/m <sup>2</sup>

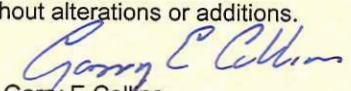
Pyrolysis vapours/smoke emitted from the sample initially during the test. There was no ignition on the sample surface throughout the test.

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: 4 - 9 May 2001

Issued on the 2<sup>nd</sup> day of September 2002 without alterations or additions.

  
Vivek Apte  
Senior Research Scientist

  
Garry E Collins  
Manager, Fire Testing and Assessments



This laboratory is accredited (Accreditation No. 3632) by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



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14 Julius Avenue, Riverside Corporate Park, Delhi Road, North Ryde NSW 2113 AUSTRALIA  
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555