

Certificate of Test

Quote No.: NE8119

REPORT No.: FNE12325

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

TRADE NAME: Fatra Fatrafol 810V Nylon Reinforced PVC Sheet Membrane

SPONSOR: Fatra Australia Pty Ltd
1D 10 Childs Road
Chipping Norton NSW 2170

DESCRIPTION OF

SAMPLE: The sponsor described the specimen as a membrane comprised of a nylon mesh coated with plasticised polyvinyl chloride (PVC-P) on both sides.

Nominal total thickness: 2.4 mm
Nominal mass: 3.05 kg/m²
Colour: light grey (face) / dark grey (back)

TEST PROCEDURE: Six 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 restrained by one layer of square mesh having 0.8-mm diameter wires and 12-mm x 12 mm nominal aperture size over the exposed face, had a backing of 4.5-mm thick fibre-reinforced-cement board (Group 4), and was clamped to the specimen holder in four places.

OBSERVATIONS: Flashing of the specimen was observed prior to ignition.

RESULTS: The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	3.4	0.1
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m ²)	32.8	8.7
Smoke Release (log ₁₀ D)	-0.517	0.035

For regulatory purposes these figures correspond to the following indices:

Ignitability Index	Spread of Flame Index	Heat Evolved Index	Smoke Developed Index
(0-20)	(0-10)	(0-10)	(0-10)
17	0	1	6

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: 5 March 2019

Issued on the 6th day of March 2019 without alterations or additions.



Shaw Tran
Testing Officer



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Team Leader, Fire Testing and Assessments

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