

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Product Testing
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TEST REPORT

CLIENT : ALSYNITE NZ LTD
PO BOX 10409
TE RAPA
HAMILTON
NEW ZEALAND

TEST NUMBER : 7-569444-CO
ISSUE DATE : 22/10/2009
PRINT DATE : 22/10/2009
ORDER NUMBER : 4445

SAMPLE DESCRIPTION Clients Ref: "Topglass 50 FR Plus"
Fire retardant FRP translucent roof sheeting
Colour: Clear/Yellow
End use: Fire retardant translucent roofing

THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)

Material Specification provided by client:

Nominal composition: Alsynite NZ Ltd proprietary resin and reinforcement system
Nominal mass: 2400g/m²
Nominal thickness: 1.5mm

AS/NZS 1530.3 - 1999 Simultaneous determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Face

Date tested: 21/10/2009

	Mean		Standard Error
Ignition time	6.65	min	0.19
Flame propagation time	20.3	s	1.8
Heat release integral	374.0	kJ/m ²	23.0
Smoke release, log d	0.1696		0.0195
Optical density, d	1.4904	/m	

Number of specimens ignited: 9

Number of specimens tested: 9

REGULATORY INDICES:	Ignitability Index	13	Range 0-20
	Spread of Flame Index	9	Range 0-10
	Heat Evolved Index	10	Range 0-10
	Smoke Developed Index	8	Range 0-10

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- Chemical Testing of Textiles & Related Products : Accreditation No. 983
- Mechanical Testing of Textiles & Related Products : Accreditation No. 985
- Heat & Temperature Measurement : Accreditation No. 1356

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APPROVED SIGNATORY

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