

AWTA PRODUCT TESTING

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TEST REPORT

CLIENT : ASTARI PACIFIC PTY LTD
 LEVEL 1
 214 BAY STREET
 BRIGHTON VIC 3186

TEST NUMBER : 7-586654-CV
 ISSUE DATE : 21/08/2012
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SAMPLE DESCRIPTION Clients Ref: "Tessematt 6mm Clear DS Satin AN000DS"
 Nom: Cast acrylic sheet 6mm clear double satin

AS/NZS 3837:1998 Method of Test for Heat and Smoke Release Rates
 for Materials and Products Using an Oxygen
 Consumption Calorimeter

Results:-

	Specimen			Mean	
	1	2	3		
Average Heat Release Rate	315.0	332.0	344.3	330.4	kW/m2
Average Specific extinction area (according to Specification C1.10 of the Building Code of Australia)	114.3	111.7	111.5	112.5	m2/kg

Test orientation: Horizontal

	Specimen			Mean	
	1	2	3		
Irradiance	50	50	50	50	kW/m2
Exhaust flow rate	24	24	24	24	l/s
Time to sustained flaming	34	34	35	34	s
Test duration	690	645	636	657	s

Heat release rate curve on the 9 attached sheets which form part of this report

	1	2	3	Mean	
Peak heat release after ignition	942.5	949.6	894.1	928.7	kW/m2
Average heat at 60s	245.0	295.3	240.2	260.2	kW/m2
Release rate at 180s	491.5	548.0	488.1	509.2	kW/m2
After ignition at 300s	578.1	592.1	586.3	585.5	kW/m2
Total heat released	206.1	202.3	206.6	205.0	MJ/m2
Average effective heat of combustion	23.9	24.0	23.8	23.9	MJ/kg

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

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