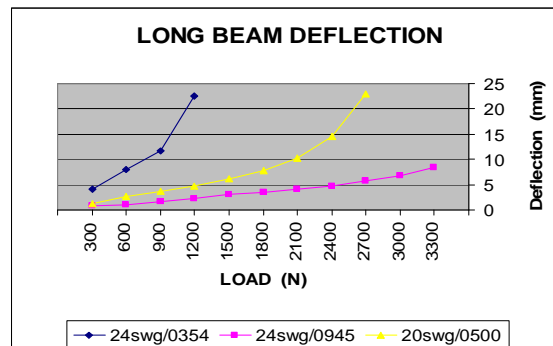




## FLITELAM AM2 PRODUCT DATA SHEET

PROPERTY	TEST METHOD	PANEL TYPE	
		022/0354/022	022/0945/022
AREAL WEIGHT (kg/m <sup>2</sup> ) (lb/ft <sup>2</sup> )		3.9	4.7
		0.8	1.0
THICKNESS (mm) (in)		10.1	25
		0.4	1.0
LONG BEAM COMP (N) LONGITUDINAL (lb)	AMS STD 401	1502 338	3603 810
SHORT BEAM SHEAR (N) LONGITUDINAL (lb)	AMS STD 401	2928 658	5810 1306
PEEL (N/76mm) LONGITUDINAL (lb/3")	AMS STD 401	697 157	697 157
CORE COMP. (N/mm <sup>2</sup> ) (lb/in <sup>2</sup> )	AMS STD 401	1.4 200	1.9 273
FLAMMABILITY 60sec V Burn Length (in) Afterflame Time (sec) Drip Flame Time (sec)	FAR/CS 25.853(a)	<0.1 0 0	<0.1 0 0
SMOKE EMISSION Dm in 4min.	FAR/CS 25.853(d) ABD0031/D6-51377	0	0
HEAT RELEASE RATE Peak (kW/m <sup>2</sup> ) 2min. Total(kWmin/m <sup>2</sup> )	FAR/CS 25.853(d)	7 -9	5 -9



Long Beam Compression - 24" x 3" specimen, 4 pt. load, 20" support span, 10" load span  
Short Beam Shear - 8" x 3" specimen, 3 pt. load, 4" support span, centre point loading