

Material Testing							
Impact Level	Tests Conducted	Test Report No.	Test Report Date	ASTM/TAS	Result	Code Compliant	Material
LMI and SMI	Flame Spread Index and Smoke Developed Index	Southwest Research Institute, Report No. 01-8361-320d	9/18/1997	ASTM E84-97	Flame Spread Index = 0 Smoke Developed Index = 0	Smoke Density < 450 or Flame Spread < 75	4mm Alpolic
	Flame Spread Index and Smoke Developed Index	Southwest Research Institute, Report No. 01-7520-359a	9/26/1996	ASTM E84-95	Flame Spread Index = 0 Smoke Developed Index = 10	Smoke Density < 450 or Flame Spread < 75	4mm Alpolic/FR
	Ignition Properties	Southwest Research Institute, Report No. 01-8361-038	10/28/1996	ASTM D1929-91a	Self-Ignition Temp = 837°F Flash-Ignition Temp = 811°F	Self-Ignition Temp > 650 degrees	4mm Alpolic 4mm Alpolic/FR
	Materials Report	Spec. Data issued by Alcoa Mill Products, dated January 16, 2013 with chemical composition and mechanical properties of Aluminum Alloy 3105-H14	1/16/2013	Mill Certification	See Report	Not Applicable	Aluminum Alloy 3105-H14
Performance Testing							
Impact Level	Tests Conducted	Test Report No.	Test Report Date	ASTM/TAS	Result	Code Compliant	Material
LMI and SMI	Performance Testing for AWS and Impact/Cyclic Loading	National Certified Test Lab, Report No. NCTL-210-3064-1	Issued 1/11/05 Revised 5/11/09	TAS 201/202/203-94	+/-50 psf	Large Missile and Small Missile Impact for HVHZ	Altech Panel System using Mitsubishi 4mm Alpolic