



May 31, 2006

Alcoa Architectural Products
100 Technical Drive
Alcoa Center, PA 15069
(724) 337-2716

Re: Alcoa Reynobond® with KEVLAR® System

Dear Mr. Cesario:

I am writing this letter to update you on the status of the tests that Hurricane Test Laboratory (HTL) has recently completed on the above referenced system. To date, HTL has completed testing of this system in accordance with the requirements of the Florida Building Code (High Hurricane Zone) and ASTM. The results obtained from these tests are described in the following table:

HTL Job # 0423-0218-06

Specimen #	Test Method	Test Conditions	Test Conclusion
7 (3/4" wet joint) STUDS: 16" O/C	Air Infiltration Test (ASTM E283 and TAS 202)	1.57 & 6.24 psf	PASS
	Water Infiltration Test (ASTM E331 and TAS 202)	18 psf	PASS
	Static Load Test (ASTM E330 and TAS 202)	+ 120 and - 120 psf Design Pressure	PASS
	Large Missile Impact Test (ASTM E1886/1996 and TAS 201)	--	PASS
	Cyclic Load Test (ASTM E1886/1996 and TAS 203)	+ 120 and - 120 psf Design Pressure	PASS
6 (1/2" wet joint) STUDS: 24" O/C	Large Missile Impact Test (ASTM E1886/1996 and TAS 201)	--	PASS
	Cyclic Load Test (ASTM E1886/1996 and TAS 203)	+ 90 and - 90 psf Design Pressure	PASS
4 (1-1/2" dry joint) STUDS: 24" O/C	Air Infiltration Test (ASTM E283 and TAS 202)	1.57 & 6.24 psf	PASS
	Water Infiltration Test (ASTM E331 and TAS 202)	13.5 psf	PASS
	Static Load Test (ASTM E330 and TAS 202)	+ 90 and - 90 psf Design Pressure	PASS
	Large Missile Impact Test (ASTM E1886/1996 and TAS 201)	--	PASS
	Cyclic Load Test (ASTM E1886/1996 and TAS 203)	+ 90 and - 90 psf Design Pressure	PASS

HURRICANE TEST
LABORATORY, LLC

FLORIDA OFFICE

6655 Garden Road

Riviera Beach, FL 33404

561.881.0020

Fax 561.881.0075

GEORGIA OFFICE

1701 Westfork Drive, Suite 106

Lithia Springs, GA 30122

770.941.6916

Fax 770.941.2930

www.htltest.com



3 (1" dry joint) STUDS: 16" O/C	Large Missile Impact Test (ASTM E1886/1996 and TAS 201)	--	PASS
	Cyclic Load Test (ASTM E1886/1996 and TAS 203)	+ 120 and - 120 psf Design Pressure	PASS

I trust that this information provides you with a brief overview of the results that were obtained during these tests. ***Please be advised that successful completion of testing by HTL in no way constitutes approval of this product by Florida Building Code or ASTM.***

If you have any additional questions pertaining to the tests conducted, please do not hesitate to contact me.

Sincerely yours,

HURRICANE TEST LABORATORY, LLC

Vinu J. Abraham, P.E.
FL Reg. # 53820

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