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Mr. Clyde Allen  
The Tapco Group  
4057 South Oak Street  
Metamora, MI 48455

RE: Intertek Summary Letter 100625560MID-03 (Please reference Intertek Test Report G100061092MID-001 for full test report)  
Shutter Type: Atlantic Premium Shutters Classic Collection Faux Louver (1/8" polycarbonate sheet on exterior)  
Shutter Size: 30" by 96"  
Test Standards: R & D large missile testing per ASTM E1886-05 Sections 11.1.2 through 11.3

**Classic Collection - Faux Louver**

Sample	Impact Location	Missile Speed (ft/sec)	Observations	Through Penetration
#2	#1- Center of Panel	50	10" crack in fiberboard- fiberboard broken in half	No
	#2- Center Meeting Edge	49	Crack in stile of right panel	No
	#3- Lower Right Corner	49	Hinge support bent- 3" by 4" section of fiberboard broken	No
#3	#1- Center Panel	50	12" crack in fiberboard- 2 hinge supports bent	No
	#2- Center Meeting Edge	50	Both stiles cracked	No
	#3- Upper Left Corner	50	Hinge bent- 13" by 6" crack in fiberboard- hinge weld broke	No
#4	#1- Lower Left Corner	50	Bent hinge- crack in fiberboard- approx. 3" permanent deformation	No
	#2- Center Meeting Edge	50	Crack in fiberboard at both stiles	No
	#3- Center Panel	51	Crack in fiberboard	No

**Summary of Results**

Missile Level	D (per ASTM E1996)
Nominal Missile Speed	50 ft/sec
Wind Zone	4 (per ASTM E1996)

Note: The test specimens were only tested to the impact portion of ASTM E1886.

Reported by:

Russ Burt  
Senior Associate Engineer

Reviewed by:

Rick Curkeet, P.E.  
Chief Engineer



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