



# ETC Laboratories

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ENGINEERING DEPT

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NPC RECEIVED

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## Fenestration Structural and Impact Test Report

Rendered To:

Atlantic Shutter Systems  
29797 Beck Road  
Wixom, MI. 48393

### Series / Model

Standard Mount Vertical Storm Bar  
Atlantic Classic Collection Board and Batten

### Summary Product Description

Item	Unit	Value
Panel material	-	Wood composite and polycarbonate
Rough opening size	inches	61 W. x 103 H.
Overall panel size	inches	30 W. x 102 H. x 1-1/8 D.
Panel size	inches	30 W. x 102 H. x 1 D.
Panel thickness of polycarbonate	inches	1/8
Lock bar material	-	Aluminum

### Summary of Results

Missile level resisted	D
Nominal missile speed resisted	15.25 m/sec (50.00ft/sec)
Maximum cyclic pressure achieved	3360 Pa (70.00 psf)
Highest wind zone achieved	4

**Test Specifications:** The testing was conducted in accordance with ASTM test method E1886-05 without deviation. The Product line was rated for impact resistance in accordance with ASTM E1996-05

Joseph Labora Doldan, P.E.  
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