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**Product Approval**  
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- ▶ COMMUNITY PLANNING
- ▶ HOUSING & COMMUNITY DEVELOPMENT
- ▶ EMERGENCY MANAGEMENT
- ▶ OFFICE OF THE SECRETARY

FL #	FL12856														
Application Type	New														
Code Version	2007														
Application Status	Approved														
Comments															
Archived	<input type="checkbox"/>														
Product Manufacturer Address/Phone/Email	Town and Country Industries, 400 West McNab Road Ft. Lauderdale, FL 33309 (954) 493-8551 tomj@tc-alum.com														
Authorized Signature	Frank Bennardo frank@engexp.com														
Technical Representative Address/Phone/Email	Thomas B. Johnston 400 west McNab Rd. Ft. Lauderdale, FL 33309 (954) 970-9999 tomj@tc-alum.com														
Quality Assurance Representative Address/Phone/Email															
Category Subcategory	Shutters Storm Panels														
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input checked="" type="checkbox"/> Evaluation Report - Hardcopy Received														
Florida Engineer or Architect Name who developed the Evaluation Report	Frank I. Bennardo														
Florida License	PE-0046549														
Quality Assurance Entity	National Accreditation and Management Institute														
Quality Assurance Contract Expiration Date	12/31/2011														
Validated By	ORLANDO L. BLANCO, P.E. <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received														
Certificate of Independence	<a href="#">FL12856_R0_COI_Cert_Indep.pdf</a>														
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><b>Standard</b></th> <th><b>Year</b></th> </tr> </thead> <tbody> <tr> <td>ASTM E1886</td> <td>2002</td> </tr> <tr> <td>ASTM E1996</td> <td>2002</td> </tr> <tr> <td>ASTM E330</td> <td>2002</td> </tr> <tr> <td>TAS 201</td> <td>1994</td> </tr> <tr> <td>TAS 202</td> <td>1994</td> </tr> <tr> <td>TAS 203</td> <td>1994</td> </tr> </tbody> </table>	<b>Standard</b>	<b>Year</b>	ASTM E1886	2002	ASTM E1996	2002	ASTM E330	2002	TAS 201	1994	TAS 202	1994	TAS 203	1994
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ASTM E1886	2002														
ASTM E1996	2002														
ASTM E330	2002														
TAS 201	1994														
TAS 202	1994														
TAS 203	1994														

Equivalence of Product Standards  
 Certified By

Sections from the Code

Product Approval Method                      Method 1 Option D

Date Submitted                                      07/07/2009  
 Date Validated                                      07/08/2009  
 Date Pending FBC Approval                      07/13/2009  
 Date Approved                                      08/11/2009

Summary of Products		
FL #	Model, Number or Name	Description
12856.1	Aluminum Hinged Storm Panel	.050" Aluminum Non-Porous Hinged Storm Panel
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> Yes <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> Yes <b>Design Pressure:</b> N/A <b>Other:</b> Shutter meets requirements for "Wind Zone 4" (basic wind speed ^ 140 mph) and Missile Level "D" as defined in ASTM E1996-02. See installation instructions for specific Design Pressure Ratings by size, additional use limitations and installation instructions.		<b>Installation Instructions</b> <a href="#">FL12856_R0_II_Dwg.pdf</a> Verified By: Frank L. Bennardo PE#0046549 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL12856_R0_AE_Eval_Report.pdf</a> Created by Independent Third Party: Yes

                    

**Department of Community Affairs**  
**Florida Building Code Online**  
**Codes and Standards**  
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