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Product Approval
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FL #	FL6416-R2
Application Type	Revision
Code Version	2010
Application Status	Approved
Comments	
Archived	<input type="checkbox"/>
Product Manufacturer	Transparent Protection Systems, Inc.
Address/Phone/Email	6643 42nd Terrace North West Palm Beach, FL 33407
Authorized Signature	Frank Bennardo frank@engexp.com
Technical Representative	
Address/Phone/Email	
Quality Assurance Representative	
Address/Phone/Email	
Category	Shutters
Subcategory	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 L. Bennardo, P.E.
Florida License	PE-0046549
Quality Assurance Entity	National Accreditation and Management Institute
Quality Assurance Contract Expiration Date	12/31/2012
Validated By	Jorge A. Pomerantz, P.E. <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received
Certificate of Independence	FL6416 R2 COI Cert Indep.pdf

Referenced Standard and Year (of Standard)	Standard	Year
	ASTM D1929	1996
	ASTM D2843	1999
	ASTM D635	1998
	ASTM E1886	2002
	ASTM E1886	2005
	ASTM E1996	2005
	ASTM E1996	2002
	ASTM E330	2002
	ASTM G26	2000
	TAS 201	1994

TAS 202 1994
 TAS 203 1994

Equivalence of Product Standards Certified By

Florida Licensed Professional Engineer or Architect
[FL6416 R2 Equiv Equiv Std.pdf](#)
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Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

12/16/2011

Date Validated

12/22/2011

Date Pending FBC Approval

12/27/2011

Date Approved

01/31/2012

Summary of Products

FL #	Model, Number or Name	Description
6416.1	ClearGuard HVHZ Panels	ClearGuard Polycarbonate Storm Panels (HVHZ Product)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See engineering drawings for design limitations (allowable spans, mounting conditions, anchor options, etc.)		Installation Instructions FL6416 R2 II Dwg.pdf Verified By: Frank L. Bennardo, P.E. PE0046549 Created by Independent Third Party: Yes Evaluation Reports FL6416 R2 AE 04-009 FE FBC.pdf FL6416 R2 AE 04-009 LE FBC.pdf FL6416 R2 AE 0239-0107-05.pdf FL6416 R2 AE Eval Rpt.pdf FL6416 R2 AE Test Ignition Smoke Burn.pdf FL6416 R2 AE Test UV Weathering.pdf Created by Independent Third Party: Yes

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