

## Search Results - Applications

Go to Page

Page 1 / 2

FL#	Type	Manufacturer	Validated By	Status
<a href="#">FL239-R12 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung	Miami-Dade BCCO - VAL (305) 375-2901	Approved
<a href="#">FL242-R8 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Horizontal Slider	Miami-Dade BCCO - VAL (305) 375-2901	Approved
<a href="#">FL243-R7 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed	Miami-Dade BCCO - VAL (305) 375-2901	Approved
<a href="#">FL245-R5 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement	Miami-Dade BCCO - VAL (305) 375-2901	Approved
<a href="#">FL251-R11 History</a>	Revision	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies	Miami-Dade BCCO - VAL (305) 375-2901	Approved
<a href="#">FL253-R8 History</a>	Revision	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies	Miami-Dade BCCO - VAL (305) 375-2901	Approved
<a href="#">FL261-R4 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Mullions	Miami-Dade BCCO - VAL (305) 375-2901	Approved
<a href="#">FL330-R4 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL330-R5</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement	Keystone Certifications, Inc. (717) 932-8500	Pending FBC Approval
<a href="#">FL331-R5 History</a>	Revision	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL1435-R3 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL1435-R4</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung	Keystone Certifications, Inc. (717) 932-8500	Pending FBC Approval
<a href="#">FL1844-R4 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Horizontal Slider	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL2766-R6 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Projected	Miami-Dade BCCO - VAL (305) 375-2901	Approved
<a href="#">FL2769-R5 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung	Keystone Certifications, Inc. (717) 932-8500	Approved

<a href="#">FL5012-R2 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL5012-R3</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed	Keystone Certifications, Inc. (717) 932-8500	Pending FBC Approval
<a href="#">FL7058-R2 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Double Hung	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL8195-R1 History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed	Keystone Certifications, Inc. (717) 932-8500	Approved

## Search Results - Applications

Go to Page

Page 2 / 2

<a href="#">FL#</a>	<a href="#">Type</a>	<a href="#">Manufacturer</a>	<a href="#">Validated By</a>	<a href="#">Status</a>
<a href="#">FL8208-R3</a> <a href="#">History</a>	Revision	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL9340-R1</a> <a href="#">History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Horizontal Slider	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL10287-R1</a> <a href="#">History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL10288-R1</a> <a href="#">History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Double Hung	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL10288-R2</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Double Hung	Keystone Certifications, Inc. (717) 932-8500	Pending FBC Approval
<a href="#">FL10289-R1</a> <a href="#">History</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL10289-R2</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed	Keystone Certifications, Inc. (717) 932-8500	Pending FBC Approval
<a href="#">FL10507</a>	New	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Horizontal Slider	Keystone Certifications, Inc. (717) 932-8500	Approved
<a href="#">FL10507-R1</a>	Revision	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Horizontal Slider	Keystone Certifications, Inc. (717) 932-8500	Pending FBC Approval
<a href="#">FL11296</a>	New	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies	Miami-Dade BCCO - VAL (305) 375-2901	Approved
<a href="#">FL11297</a>	New	PGT Industries <b>Category:</b> Panel Walls <b>Subcategory:</b> Storefronts	Miami-Dade BCCO - VAL (305) 375-2901	Approved
<a href="#">FL12247</a>	New	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Projected	Keystone Certifications, Inc. (717) 932-8500	Pending FBC Approval

Go to Page

Page 2 / 2



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



## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL239-R12
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Single Hung
Compliance Method	Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER  
 Validated By Miami-Dade BCCO - VAL

Referenced Standard and Year (of Standard)	<u>Standard</u>	<u>Year</u>
	TAS 201, 202, 203	1994
	TAS 202	1994

Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 12/10/2008  
 Date Validated 12/12/2008  
 Date Pending FBC Approval 12/16/2008  
 Date Approved 02/03/2009

**Summary of Products**

FL #	Model, Number or Name	Description
239.1	SH-3000 (Large Missile Impact)	Architectural Systems Aluminum Single Hung Window
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0905.02 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL239_R12_C_CAC_3000-LM-07-0905-02.pdf</a>  <a href="#">FL239_R12_C_CAC_Letter SH-3000 LM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      12/06/2012  <b>Installation Instructions</b>  <a href="#">FL239_R12_II_3000-LM-07-0905-02.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
239.2	SH-3000 (Small Missile Impact)	Architectural Systems Aluminum Single Hung Window

<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0905.03 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL239_R12_C_CAC_3000-SM-07-0905-03.pdf</a>  <a href="#">FL239_R12_C_CAC_Letter SH-3000 SM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      12/06/2012  <b>Installation Instructions</b>  <a href="#">FL239_R12_II_3000-SM-07-0905-03.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
239.3	SH-4000 (Non-Impact, Heavy Duty Meeting Rail)	Aluminum Single Hung Window
<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #06-0706.03 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL239_R12_C_CAC_4000-HDMR-06-0706-03.pdf</a>  <a href="#">FL239_R12_C_CAC_Letter SH-4000 HDMR.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      10/08/2011  <b>Installation Instructions</b>  <a href="#">FL239_R12_II_4000-HDMR-06-0706-03.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
239.4	SH-4000 (Non-Impact, Standard Meeting Rail)	Aluminum Single Hung Window
<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #06-0706.04 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL239_R12_C_CAC_4000-06-0706-04.pdf</a>  <a href="#">FL239_R12_C_CAC_Letter SH-4000.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      09/30/2011  <b>Installation Instructions</b>  <a href="#">FL239_R12_II_4000-06-0706-04.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
239.5	SH-600 (Non-Impact)	Aluminum Single Hung Window

<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Formerly known as SH-701. Please see Miami-Dade County Notice of Acceptance (NOA) #06-1211.07 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL239_R12_C_CAC_600-06-1211-07.pdf</a>  <a href="#">FL239_R12_C_CAC_Letter SH-600.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      01/26/2011  <b>Installation Instructions</b>  <a href="#">FL239_R12_II_600-06-1211-07.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
<p>239.6</p>	<p>SH-700 (Impact)</p>	<p>WinGuard Aluminum Single Hung Window</p>
<p><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> Formerly known as SH-701. Please see Miami-Dade County Notice of Acceptance (NOA) #07-0322.06 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL239_R12_C_CAC_700-07-0322-06.pdf</a>  <a href="#">FL239_R12_C_CAC_Letter SH-700.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      03/23/2011  <b>Installation Instructions</b>  <a href="#">FL239_R12_II_700-07-0322-06.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
<p>239.7</p>	<p>SH-800 (Large Missile Impact)</p>	<p>Multi-Story Aluminum Single Hung Window</p>
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0801.03 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL239_R12_C_CAC_800-LM-07-0801-03.PDF</a>  <a href="#">FL239_R12_C_CAC_Letter SH-800 LM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      12/13/2012  <b>Installation Instructions</b>  <a href="#">FL239_R12_II_800-LM-07-0801-03.PDF</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
<p>239.8</p>	<p>SH-800 (Small Missile Impact)</p>	<p>Multi-Story Aluminum Single Hung Window</p>
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0306.11 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL239_R12_C_CAC_800-SM-07-0306-11.pdf</a>  <a href="#">FL239_R12_C_CAC_Letter SH-800 SM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      07/03/2012  <b>Installation Instructions</b>  <a href="#">FL239_R12_II_800-SM-07-0306-11.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>



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- ▶ HOUSING & COMMUNITY DEVELOPMENT
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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL242-R8
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Horizontal Slider
Compliance Method	Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER  
 Validated By Miami-Dade BCCO - VAL

Referenced Standard and Year (of Standard)	<b>Standard</b>	<b>Year</b>
	TAS 201, 202, 203	1994
	TAS 202	1994

Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 07/09/2008  
 Date Validated 07/14/2008  
 Date Pending FBC Approval 07/17/2008  
 Date Approved 09/15/2008

**Summary of Products**

FL #	Model, Number or Name	Description
242.1	HR-201 (Heavy Duty Meeting Rail)	Aluminum Horizontal Roller Window
<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> No <b>Design Pressure:</b> N/A <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0214.16 for product performance information, anchorage details, and anchor type, size, and spacing information.		<b>Certification Agency Certificate</b> <a href="#">FL242_R8_C_CAC_201-HDMR-07-0214-16.pdf</a> <a href="#">FL242_R8_C_CAC_Letter HR-201 HDMR.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 06/27/2012 <b>Installation Instructions</b> <a href="#">FL242_R8_II_201-HDMR-07-0214-16.pdf</a> Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
242.2	HR-201 (Standard Meeting Rail)	Aluminum Horizontal Roller Window

<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0214.17 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL242_R8_C_CAC_201-07-0214-17.pdf</a>  <a href="#">FL242_R8_C_CAC_Letter HR-201 StdMR.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  06/27/2012  <b>Installation Instructions</b>  <a href="#">FL242_R8_II_201-07-0214-17.pdf</a>                  Verified By: Miami-Dade BCCO - CER                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>242.3</p>	<p>HR-610 (Non-Impact)</p>	<p>WinGuard Aluminum Horizontal Roller Window</p>
<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0815.08 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL242_R8_C_CAC_610-07-0815-08.pdf</a>  <a href="#">FL242_R8_C_CAC_Letter HR-610.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  07/27/2011  <b>Installation Instructions</b>  <a href="#">FL242_R8_II_610-07-0815-08.pdf</a>                  Verified By: Miami-Dade BCCO - CER                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>242.4</p>	<p>HR-710 (Impact)</p>	<p>WinGuard Aluminum Horizontal Roller Window</p>
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0815.09 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL242_R8_C_CAC_710-07-0815-09.pdf</a>  <a href="#">FL242_R8_C_CAC_Letter HR-710.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  12/21/2011  <b>Installation Instructions</b>  <a href="#">FL242_R8_II_710-07-0815-09.pdf</a>                  Verified By: Miami-Dade BCCO - CER                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>242.5</p>	<p>HR-810 (Large Missile Impact)</p>	<p>Multi-Story Aluminum Horizontal Roller Window</p>
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0408.03 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL242_R8_C_CAC_810 LM 08-0408-03.PDF</a>  <a href="#">FL242_R8_C_CAC_Letter HR-810 LM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  01/02/2013  <b>Installation Instructions</b>  <a href="#">FL242_R8_II_810 LM 08-0408-03.PDF</a>                  Verified By: Miami-Dade BCCO - CER                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>

242.6	HR-810 (Non-Impact)	Multi-Story Aluminum Horizontal Roller Window
<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0829.09 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL242_R8_C_CAC_810-NI-07-0829-09.PDF</a>  <a href="#">FL242_R8_C_CAC_Letter HR-810 NI.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      01/02/2013  <b>Installation Instructions</b>  <a href="#">FL242_R8_II_810-NI-07-0829-09.PDF</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
242.7	HR-810 (Small Missile Impact)	Multi-Story Aluminum Horizontal Roller Window
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0829.08 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL242_R8_C_CAC_810-SM-07-0829-08.PDF</a>  <a href="#">FL242_R8_C_CAC_Letter HR-810 SM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      01/02/2013  <b>Installation Instructions</b>  <a href="#">FL242_R8_II_810-SM-07-0829-08.PDF</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

[Back](#) [Next](#)

DCA Administration  
 Department of Community Affairs  
 Florida Building Code Online  
 Codes and Standards  
 2555 Shumard Oak Boulevard  
 Tallahassee, Florida 32399-2100  
 (850) 487-1824, Fax (850) 414-8436

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**Product Approval Accepts:**





- ▶ COMMUNITY PLANNING
- ▶ HOUSING & COMMUNITY DEVELOPMENT
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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL243-R7
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Fixed
Compliance Method	Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER  
 Validated By Miami-Dade BCCO - VAL

Referenced Standard and Year (of Standard)	<u>Standard</u>	<u>Year</u>
	TAS 201, 202, 203	1994
	TAS 202	1994

Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 05/20/2008  
 Date Validated 07/14/2008  
 Date Pending FBC Approval 07/21/2008  
 Date Approved 09/15/2008

**Summary of Products**

FL #	Model, Number or Name	Description
243.1	F-6000 (Non-Impact, PW and Shapes)	Aluminum Fixed Window
<p><b>Limits of Use</b>                      Approved for use in HVHZ: Yes                      Approved for use outside HVHZ: Yes                      Impact Resistant: No                      Design Pressure: N/A                      Other: Please see Miami-Dade County Notice of Acceptance (NOA) #06-0601.02 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL243_R7_C_CAC_6000-06-0601-02.pdf</a>  <a href="#">FL243_R7_C_CAC_Letter F-6000.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      09/13/2011  <b>Installation Instructions</b>  <a href="#">FL243_R7_II_6000-06-0601-02.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
243.2	PW-3020 (Large Missile Impact)	Architectural Systems Aluminum Fixed Window

<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0613.02 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL243_R7_C_CAC_3020-LM-07-0613-02.pdf</a>  <a href="#">FL243_R7_C_CAC_Letter PW-3020 LM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      08/16/2012  <b>Installation Instructions</b>  <a href="#">FL243_R7_II_3020-LM-07-0613-02.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
243.3	PW-3020 (Small Missile Impact)	Architectural Systems Aluminum Fixed Window
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0123.04 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL243_R7_C_CAC_3020 SM 08-0123-04.pdf</a>  <a href="#">FL243_R7_C_CAC_Letter PW-3020 SM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      04/17/2013  <b>Installation Instructions</b>  <a href="#">FL243_R7_II_3020 SM 08-0123-04.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
243.4	PW-701 (Impact Resistant, PW and Shapes)	WinGuard Aluminum Fixed Window
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0418.06 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL243_R7_C_CAC_701-LM-07-0418-06.pdf</a>  <a href="#">FL243_R7_C_CAC_Letter PW-701 LM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/19/2009  <b>Installation Instructions</b>  <a href="#">FL243_R7_II_701-LM-07-0418-06.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
243.5	PW-701 (Non-Impact, PW and Shapes)	Aluminum Fixed Window
<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0418.05 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL243_R7_C_CAC_701-NI-07-0418-05.pdf</a>  <a href="#">FL243_R7_C_CAC_Letter PW-701 NI.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/19/2009  <b>Installation Instructions</b>  <a href="#">FL243_R7_II_701-NI-07-0418-05.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

243.6	PW-820 (Large Missile Impact)	Multi-Story Aluminum Fixed Window
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0429.08 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL243_R7_C_CAC_820 LM 08-0429-08.pdf</a>  <a href="#">FL243_R7_C_CAC_Letter PW-820 LM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      07/24/2013  <b>Installation Instructions</b>  <a href="#">FL243_R7_II_820 LM 08-0429-08.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
243.7	PW-820 (Non-Impact)	Multi-Story Aluminum Fixed Window
<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0429.10 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL243_R7_C_CAC_820 NI 08-0429-10.pdf</a>  <a href="#">FL243_R7_C_CAC_Letter PW-820 NI.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      07/31/2013  <b>Installation Instructions</b>  <a href="#">FL243_R7_II_820 NI 08-0429-10.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
243.8	PW-820 (Small Missile Impact)	Multi-Story Aluminum Fixed Window
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0429.09 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL243_R7_C_CAC_820 SM 08-0429-09.pdf</a>  <a href="#">FL243_R7_C_CAC_Letter PW-820 SM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      07/24/2013  <b>Installation Instructions</b>  <a href="#">FL243_R7_II_820 SM 08-0429-09.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

[Back](#) [Next](#)



- ▶ COMMUNITY PLANNING
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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL243</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed		Revised
<a href="#">FL243-R1</a>	Revision	2001	8/4/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed		Revised
<a href="#">FL243-R2</a>	Revision	2004	11/18/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed		Revised
<a href="#">FL243-R3</a>	Revision	2004	9/22/2006	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed		Revised
<a href="#">FL243-R4</a>	Revision	2004	8/1/2007	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed		Revised
<a href="#">FL243-R5</a>	Revision	2004	2/12/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed		Revised
<a href="#">FL243-R6</a>	Revision	2004	5/20/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed		Revised

[Back](#)



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



## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL245-R5
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Casement
Compliance Method	Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER  
 Validated By Miami-Dade BCCO - VAL

Referenced Standard and Year (of Standard)	<u>Standard</u>	<u>Year</u>
	TAS 201, 202, 203	1994
	TAS 202	1994

Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 05/22/2008  
 Date Validated 05/27/2008  
 Date Pending FBC Approval 07/07/2008  
 Date Approved 09/15/2008

**Summary of Products**

FL #	Model, Number or Name	Description
245.1	CA-640 (Non-Impact)	Aluminum Casement Window
<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> No <b>Design Pressure:</b> N/A <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0117.12 for product performance information, anchorage details, and anchor type, size, and spacing information.		<b>Certification Agency Certificate</b> <a href="#">FL245_R5_C_CAC_640-08-0117-12.pdf</a> <a href="#">FL245_R5_C_CAC_Letter CA-640.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 04/24/2013 <b>Installation Instructions</b> <a href="#">FL245_R5_II_640-08-0117-12.pdf</a> Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
245.2	CA-740 (Impact)	Aluminum Casement Window

**Limits of Use**

**Approved for use in HVHZ:** Yes

**Approved for use outside HVHZ:** Yes

**Impact Resistant:** Yes

**Design Pressure:** N/A

**Other:** Please see Miami-Dade County Notice of Acceptance (NOA) #08-0117.11 for product performance information, anchorage details, and anchor type, size, and spacing information.

**Certification Agency Certificate**

[FL245\\_R5\\_C\\_CAC\\_740-08-0117-11.pdf](#)

[FL245\\_R5\\_C\\_CAC\\_Letter CA-740.pdf](#)

**Quality Assurance Contract Expiration Date**

05/22/2013

**Installation Instructions**

[FL245\\_R5\\_II\\_740-08-0117-11.pdf](#)

Verified By: Miami-Dade BCCO - CER

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[Back](#) [Next](#)

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**Product Approval Accepts:**





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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL245</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement		Revised
<a href="#">FL245-R1</a>	Revision	2001	8/4/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement		Revised
<a href="#">FL245-R2</a>	Revision	2004	3/8/2006	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement		Revised
<a href="#">FL245-R3</a>	Revision	2004	9/22/2006	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement		Revised
<a href="#">FL245-R4</a>	Revision	2004	5/22/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement		Revised

[Back](#)



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



## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL251-R11
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Exterior Doors
Subcategory	Sliding Exterior Door Assemblies
Compliance Method	Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER  
 Validated By Miami-Dade BCCO - VAL

Referenced Standard and Year (of Standard)	<b>Standard</b>	<b>Year</b>
	TAS 201, 202, 203	1994
	TAS 202	1994

Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 05/19/2008  
 Date Validated 05/22/2008  
 Date Pending FBC Approval 05/26/2008  
 Date Approved 06/24/2008

**Summary of Products**

FL #	Model, Number or Name	Description
251.1	SGD-2500 (Non-Impact)	Aluminum Sliding Glass Door
<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> No <b>Design Pressure:</b> N/A <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0213.03 for product performance information, anchorage details, and anchor type, size, and spacing information.		<b>Certification Agency Certificate</b> <a href="#">FL251_R11_C_CAC_2500-08-0213-03.PDF</a> <a href="#">FL251_R11_C_CAC_Letter SGD-2500.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 05/22/2013 <b>Installation Instructions</b> <a href="#">FL251_R11_II_2500-08-0213-03.PDF</a> Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
251.2	SGD-3030 (Large Missile Impact)	Architectural Systems Aluminum Sliding Glass Door

<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0831.09 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL251_R11_C_CAC_3030-LM-07-0831-09.PDF</a>  <a href="#">FL251_R11_C_CAC_Letter SGD-3030 LM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/14/2013  <b>Installation Instructions</b>  <a href="#">FL251_R11_II_3030-LM-07-0831-09.PDF</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
<p>251.3</p>	<p>SGD-3030 (Small Missile Impact)</p>	<p>Architectural Systems Aluminum Sliding Glass Door</p>
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0905.04 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL251_R11_C_CAC_3030-SM-07-0905-04.PDF</a>  <a href="#">FL251_R11_C_CAC_Letter SGD-3030 SM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/14/2013  <b>Installation Instructions</b>  <a href="#">FL251_R11_II_3030-SM-07-0905-04.PDF</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
<p>251.4</p>	<p>SGD-630 (Non-Impact)</p>	<p>Aluminum Sliding Glass Door</p>
<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0511.05 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL251_R11_C_CAC_630-07-0511-05.pdf</a>  <a href="#">FL251_R11_C_CAC_Letter SGD-630.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      11/11/2009  <b>Installation Instructions</b>  <a href="#">FL251_R11_II_630-07-0511-05.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
<p>251.5</p>	<p>SGD-730 (Impact)</p>	<p>WinGuard Aluminum Sliding Glass Door</p>
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0511.06 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL251_R11_C_CAC_730-07-0511-06.pdf</a>  <a href="#">FL251_R11_C_CAC_Letter SGD-730.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      11/11/2009  <b>Installation Instructions</b>  <a href="#">FL251_R11_II_730-07-0511-06.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

251.6	SGD-780 (Impact)	WinGuard Aluminum Sliding Glass Door
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0607.02 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL251_R11_C_CAC_780-07-0607-02.pdf</a>  <a href="#">FL251_R11_C_CAC_Letter_SGD-780.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>  08/02/2012  <b>Installation Instructions</b>  <a href="#">FL251_R11_II_780-07-0607-02.pdf</a>  Verified By: Miami-Dade BCCO - CER  Created by Independent Third Party:  <b>Evaluation Reports</b>  Created by Independent Third Party:</p>
251.7	SGD-830 (Large Missile Impact)	Multi-Story Aluminum Sliding Glass Door
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-1212.03 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL251_R11_C_CAC_830-LM-07-1212-03.PDF</a>  <a href="#">FL251_R11_C_CAC_Letter_SGD-830 LM.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>  03/13/2013  <b>Installation Instructions</b>  <a href="#">FL251_R11_II_830-LM-07-1212-03.PDF</a>  Verified By: Miami-Dade BCCO - CER  Created by Independent Third Party:  <b>Evaluation Reports</b>  Created by Independent Third Party:</p>
251.8	SGD-830 (Non-Impact)	Multi-Story Aluminum Sliding Glass Door
<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #07-1212.04 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL251_R11_C_CAC_830-NI-07-1212-04.PDF</a>  <a href="#">FL251_R11_C_CAC_Letter_SGD-830 NI.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>  03/13/2013  <b>Installation Instructions</b>  <a href="#">FL251_R11_II_830-NI-07-1212-04.PDF</a>  Verified By: Miami-Dade BCCO - CER  Created by Independent Third Party:  <b>Evaluation Reports</b>  Created by Independent Third Party:</p>
251.9	SGD-830 (Small Missile Impact)	Multi-Story Aluminum Sliding Glass Door

**Limits of Use**

**Approved for use in HVHZ:** Yes  
**Approved for use outside HVHZ:** Yes

**Impact Resistant:** Yes

**Design Pressure:** N/A

**Other:** Please see Miami-Dade County Notice of Acceptance (NOA) #07-0511.04 for product performance information, anchorage details, and anchor type, size, and spacing information.

**Certification Agency Certificate**

[FL251\\_R11\\_C\\_CAC\\_830-SM-07-0511-04.pdf](#)

[FL251\\_R11\\_C\\_CAC\\_Letter\\_SGD-830\\_SM.pdf](#)

**Quality Assurance Contract Expiration Date**  
10/10/2012

**Installation Instructions**

[FL251\\_R11\\_II\\_830-SM-07-0511-04.pdf](#)

Verified By: Miami-Dade BCCO - CER

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[Back](#) [Next](#)

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**Product Approval Accepts:**





## Product Approval

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

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

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL251</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies		Revised
<a href="#">FL251-R1</a>	Revision	2001	8/4/2005	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies		Revised
<a href="#">FL251-R2</a>	Revision	2004	3/8/2006	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies		Revised
<a href="#">FL251-R3</a>	Revision	2004	9/22/2006	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies		Revised
<a href="#">FL251-R4</a>	Revision	2004	11/17/2006	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies		Revised
<a href="#">FL251-R5</a>	Revision	2004	4/13/2007	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies		Revised
<a href="#">FL251-R6</a>	Revision	2004	8/1/2007	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies		Revised

<a href="#">FL251-R7</a>	Revision	2004	11/19/2007	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies		Revised
<a href="#">FL251-R8</a>	Revision	2004	2/12/2008	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies		Revised
<a href="#">FL251-R9</a>	Revision	2004	4/1/2008	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies		Revised
<a href="#">FL251-R10</a>	Revision	2004	5/19/2008	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Sliding Exterior Door Assemblies	Miami-Dade BCCO - VAL (305) 375-2901	Revised

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL253-R8
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Exterior Doors
Subcategory	Swinging Exterior Door Assemblies
Compliance Method	Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER  
 Validated By Miami-Dade BCCO - VAL

Referenced Standard and Year (of Standard)	<b>Standard</b>	<b>Year</b>
	TAS 201, 202, 203	1994
	TAS 202	1994

Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 12/10/2008  
 Date Validated 12/12/2008  
 Date Pending FBC Approval 12/17/2008  
 Date Approved 02/03/2009

**Summary of Products**

FL #	Model, Number or Name	Description
253.1	FD-101 (Impact with or without Sidelites)	WinGuard Outswing Aluminum French Door with or without Sidelites
<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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0629.10 for product performance information, anchorage details, and anchor type, size, and spacing information.		<b>Certification Agency Certificate</b> <a href="#">FL253_R8_C_CAC_101-LM-07-0629-10.pdf</a> <a href="#">FL253_R8_C_CAC_Letter FD-101 LM.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 10/18/2012 <b>Installation Instructions</b> <a href="#">FL253_R8_II_101-LM-07-0629-10.pdf</a> Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
253.2	FD-101 (Non-Impact with or without Sidelites)	Outswing Aluminum French Door with or without Sidelites

<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0309.09 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL253_R8_C_CAC_101-NI-07-0309-09.pdf</a>  <a href="#">FL253_R8_C_CAC_Letter FD-101 NI.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      08/02/2012  <b>Installation Instructions</b>  <a href="#">FL253_R8_II_101-NI-07-0309-09.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
253.3	FD-650 (Non-Impact with or without Sidelites)	Outswing Aluminum French Door with or without Sidelites
<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0103.01 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL253_R8_C_CAC_650-07-0103-01.pdf</a>  <a href="#">FL253_R8_C_CAC_Letter FD-650.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      03/24/2010  <b>Installation Instructions</b>  <a href="#">FL253_R8_II_650-07-0103-01.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
253.4	FD-750 (Impact with or without Sidelites)	WinGuard Outswing Aluminum French Door with or without Sidelites
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #07-0103.02 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL253_R8_C_CAC_750-07-0103-02.pdf</a>  <a href="#">FL253_R8_C_CAC_Letter FD-750.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/24/2010  <b>Installation Instructions</b>  <a href="#">FL253_R8_II_750-07-0103-02.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

[Back](#) [Next](#)



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USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

- ▶ COMMUNITY PLANNING
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FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL253</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised
<a href="#">FL253-R1</a>	Revision	2001	8/4/2005	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised
<a href="#">FL253-R2</a>	Revision	2004	9/22/2006	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised
<a href="#">FL253-R3</a>	Revision	2004	11/17/2006	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised
<a href="#">FL253-R4</a>	Revision	2004	4/13/2007	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised
<a href="#">FL253-R5</a>	Revision	2004	8/1/2007	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised
<a href="#">FL253-R6</a>	Revision	2004	11/19/2007	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised

<a href="#">FL253-R7</a>	Revision	2004	12/10/2008	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies	Revised
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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL261-R4
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Mullions
Compliance Method	Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER  
 Validated By Miami-Dade BCCO - VAL

Referenced Standard and Year (of Standard)	<b>Standard</b> TAS 201, 202, 203 TAS 202	<b>Year</b> 1994 1994
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Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 12/10/2008  
 Date Validated 12/12/2008  
 Date Pending FBC Approval 12/17/2008  
 Date Approved 02/03/2009

**Summary of Products**

FL #	Model, Number or Name	Description
261.1	1x Heavy Wall Mullions	Aluminum Tube Mullions
<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> Please see Miami-Dade County Notice of Acceptance (NOA) #06-0125.07 for product performance information, and mullion clip anchorage details.		<b>Certification Agency Certificate</b> <a href="#">FL261_R4_C_CAC_06-0125-07.pdf</a> <a href="#">FL261_R4_C_CAC_Letter Mullions.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 06/28/2011 <b>Installation Instructions</b> <a href="#">FL261_R4_II_06-0125-07.pdf</a> Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
261.2	1x Standard Wall Mullions	Aluminum Tube Mullions

<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #06-0125.06 for product performance information, and mullion clip anchorage details.</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL261_R4_C_CAC_06-0125-06.pdf</a>  <a href="#">FL261_R4_C_CAC_Letter Mullions.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  06/28/2011  <b>Installation Instructions</b>  <a href="#">FL261_R4_II_06-0125-06.pdf</a>                  Verified By: Miami-Dade BCCO - CER                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>	
<p>261.3</p>	<p>2x Heavy Wall Mullions</p>	<p>Aluminum Tube Mullions</p>
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #06-0125.08 for product performance information, and mullion clip anchorage details.</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL261_R4_C_CAC_06-0125-08.pdf</a>  <a href="#">FL261_R4_C_CAC_Letter Mullions.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  06/28/2011  <b>Installation Instructions</b>  <a href="#">FL261_R4_II_06-0125-08.pdf</a>                  Verified By: Miami-Dade BCCO - CER                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL261_R4_C_CAC_06-0125-08.pdf</a>  <a href="#">FL261_R4_C_CAC_Letter Mullions.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  06/28/2011  <b>Installation Instructions</b>  <a href="#">FL261_R4_II_06-0125-08.pdf</a>                  Verified By: Miami-Dade BCCO - CER                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>

[Back](#) [Next](#)

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USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL261</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Mullions		Revised
<a href="#">FL261-R1</a>	Revision	2001	8/4/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Mullions		Revised
<a href="#">FL261-R2</a>	Revision	2004	9/22/2006	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Mullions		Revised
<a href="#">FL261-R3</a>	Revision	2004	12/10/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Mullions		Revised

[Back](#)



- ▶ COMMUNITY PLANNING
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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL330-R4
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Casement
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

<b>Standard</b>	<b>Year</b>
AAMA/WDMA/CSA 101/I.S.2/A440	2005
ANSI/AAMA/NWWDA 101/I.S.2	1997
ASTM E 1886	2004
ASTM E 1996	2004

Equivalence of Product Standards  
Certified By

Florida Licensed Professional Engineer or Architect  
[FL330\\_R4\\_Equiv\\_EquivalencyCertification540.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

12/21/2008

Date Validated

12/24/2008

Date Pending FBC Approval

01/01/2009

Date Approved

02/03/2009

Date Revised

03/04/2009

**Summary of Products**

<b>FL #</b>	<b>Model, Number or Name</b>	<b>Description</b>
330.2	CA-440	Vinyl Outswing Casement Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is C-C70 36x72 (actual window buck size). Please see test report FTL-5347 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL330_R4_C_CAC_CA440-CAR-424.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      08/10/2011  <b>Installation Instructions</b>  <a href="#">FL330_R4_II_CA440-540 Anchorage.pdf</a>  <a href="#">FL330_R4_II_CA440-FTL-5347.PDF</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

330.3	CA-540 (Impact)	WinGuard Vinyl Outswing Casement Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Rating is C-C60 36x72 (actual window buck size). Please see test reports FTL 4830 and 4836 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL330_R4_C_CAC_CA540-CAR-175.pdf</a>  <a href="#">FL330_R4_C_CAC_CA540-CAR-210.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/08/2010  <b>Installation Instructions</b>  <a href="#">FL330_R4_II_CA440-540 Anchorage.pdf</a>  <a href="#">FL330_R4_II_CA540-FTL-4830.pdf</a>  <a href="#">FL330_R4_II_CA540-FTL-4836.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
330.4	CA-640	Aluminum Casement Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> X format achieves a rating of C-LC75-37x76. Please see test report FTL-4909 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL330_R4_C_CAC_CA640-CAR-438.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      10/10/2011  <b>Installation Instructions</b>  <a href="#">FL330_R4_II_CA640 Anchorage.pdf</a>  <a href="#">FL330_R4_II_CA640-FTL-4909.PDF</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

[Back](#) [Next](#)

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL330</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement		Revised
<a href="#">FL330-R1</a>	Revision	2001	8/3/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement		Revised
<a href="#">FL330-R2</a>	Revision	2004	11/20/2007	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement		Revised
<a href="#">FL330-R3</a>	Revision	2004	12/21/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Casement		Revised

[Back](#)



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## Product Approval

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL330-R5
Application Type	Revision
Code Version	2007
Application Status	Pending FBC Approval
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Robert Clark bclark@pgtindustries.com
Technical Representative	Robert Clark
Address/Phone/Email	1070 Technology Dr. Venice, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Casement
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
AAMA/WDMA/CSA 101/I.S.2/A440	2005
ANSI/AAMA/NWWDA 101/I.S.2	1997
ASTM E 1886	2004
ASTM E 1996	2004

Equivalence of Product Standards  
Certified By

Florida Licensed Professional Engineer or Architect  
[FL330\\_R5\\_Equiv\\_EquivalencyCertification540.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

03/04/2009

Date Validated

03/06/2009

Date Pending FBC Approval

03/11/2009

**Summary of Products**

FL #	Model, Number or Name	Description
330.1	CA 640 (Fin)	Aluminum Fin Casement Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +60/-60  <b>Other:</b> X format single units 36x62 or XX format double units 73x62 (actual window buck size) achieves a rating of C-R60. Please see test report AT1-88226 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL330_R5_C_CAC_CA640 - CAR - 489.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/25/2013  <b>Installation Instructions</b>  <a href="#">FL330_R5_II_CA640 - AT1-88226.pdf</a>  <a href="#">FL330_R5_II_CA640 - X - Anchorage.pdf</a>                      Verified By: Robert Clark 39712                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
330.2	CA-440	Vinyl Outswing Casement Window

<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is C-C70 36x72 (actual window buck size). Please see test report FTL-5347 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL330_R5_C_CAC_CA440-CAR-424.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  08/10/2011  <b>Installation Instructions</b>  <a href="#">FL330_R5_II_CA440-540 Anchorage.pdf</a>  <a href="#">FL330_R5_II_CA440-FTL-5347.PDF</a>                  Verified By: Lucas A. Turner, P.E. 58201                  Created by Independent Third Party: No  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>330.3</p>	<p>CA-540 (Impact)</p>	<p>WinGuard Vinyl Outswing Casement Window</p>
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Rating is C-C60 36x72 (actual window buck size). Please see test reports FTL 4830 and 4836 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL330_R5_C_CAC_CA540-CAR-175.pdf</a>  <a href="#">FL330_R5_C_CAC_CA540-CAR-210.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  02/08/2010  <b>Installation Instructions</b>  <a href="#">FL330_R5_II_CA440-540 Anchorage.pdf</a>  <a href="#">FL330_R5_II_CA540-FTL-4830.pdf</a>  <a href="#">FL330_R5_II_CA540-FTL-4836.pdf</a>                  Verified By: Lucas A. Turner, P.E. 58201                  Created by Independent Third Party: No  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>330.4</p>	<p>CA-640</p>	<p>Aluminum Casement Window</p>
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> X format achieves a rating of C-LC75-37x76. Please see test report FTL-4909 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL330_R5_C_CAC_CA640-CAR-438.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  10/10/2011  <b>Installation Instructions</b>  <a href="#">FL330_R5_II_CA640 Anchorage.pdf</a>  <a href="#">FL330_R5_II_CA640-FTL-4909.PDF</a>                  Verified By: Lucas A. Turner, P.E. 58201                  Created by Independent Third Party: No  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>

[Back](#) [Next](#)



- ▶ COMMUNITY PLANNING
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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL331-R5
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Exterior Doors
Subcategory	Swinging Exterior Door Assemblies
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
AAMA/WDMA/CSA 101/I.S.2/A440	2005
ANSI/AAMA/WDMA 101/I.S.2	1997
ASTM E 1886	2002
ASTM E 1996	2002

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

12/22/2008

Date Validated

01/07/2009

Date Pending FBC Approval

01/11/2009

Date Approved

02/03/2009

**Summary of Products**

FL #	Model, Number or Name	Description
331.1	CD-100	Aluminum Cabana Door
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating for single X door with 3/16 Tempered glass minimum is HGD-C40-37x96 (actual test width 37.5). Rating for double XX door with 3/16 Tempered Glass minimum is HGD-C30-72x96. Please see test report FTL-4747 or FTL-4763 for other product description and test information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL331_R5_C_CAC_CD-X-CAR-186.pdf</a>  <a href="#">FL331_R5_C_CAC_CD-XX-CAR-188.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      06/28/2010  <b>Installation Instructions</b>  <a href="#">FL331_R5_II_CD100 Anchorage.pdf</a>  <a href="#">FL331_R5_II_CD-FTL-4747.pdf</a>  <a href="#">FL331_R5_II_CD-FTL-4763.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

331.2	FD-450	Vinyl French Door
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is SHD-R50 72x96 XX. Please see test report ATI-84576.02 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL331_R5_C_CAC_FD450-550-CAR-473.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      10/27/2012  <b>Installation Instructions</b>  <a href="#">FL331_R5_II_84576_02-401-47-r0.pdf</a>  <a href="#">FL331_R5_II_FD450-550 Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
331.3	FD-550	WinGuard Vinyl French Door
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> +50/-50  <b>Other:</b> Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Rating is SHD-R50 72x96 XX with 1/8 Tempered - air space - 5/16 Laminated Annealed/Annealed Insulating Glass or stronger. Please see test report ATI-84576.02 for other product description and test information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL331_R5_C_CAC_FD450-550-CAR-473.pdf</a>  <a href="#">FL331_R5_C_CAC_FD550-CAR-226.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      10/27/2012  <b>Installation Instructions</b>  <a href="#">FL331_R5_II_84576_02-401-47-r0.pdf</a>  <a href="#">FL331_R5_II_FD450-550 Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
331.4	PD-1000	Aluminum Prime Door
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +40/-40  <b>Other:</b> Rating for single X door with 3/16 Tempered Glass minimum is HGD-C40-38x97 (actual test size 38.5x97.5). Please see test report FTL-4757 for other product description and test information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL331_R5_C_CAC_PD-X-CAR-185.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/27/2010  <b>Installation Instructions</b>  <a href="#">FL331_R5_II_PD1000 Anchorage.pdf</a>  <a href="#">FL331_R5_II_PD-FTL-4757.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

[Back](#) [Next](#)



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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

- ▶ COMMUNITY PLANNING
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- ▶ EMERGENCY MANAGEMENT
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FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL331</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised
<a href="#">FL331-R1</a>	Revision	2001	8/3/2005	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised
<a href="#">FL331-R2</a>	Revision	2004	9/22/2006	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised
<a href="#">FL331-R3</a>	Revision	2004	11/20/2007	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised
<a href="#">FL331-R4</a>	Revision	2004	12/22/2008	PGT Industries <b>Category:</b> Exterior Doors <b>Subcategory:</b> Swinging Exterior Door Assemblies		Revised

[Back](#)



- ▶ COMMUNITY PLANNING
- ▶ HOUSING & COMMUNITY DEVELOPMENT
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**Product Approval**  
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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL1435-R3
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Single Hung
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

<b>Standard</b>	<b>Year</b>
AAMA/WDMA/CSA 101/IS2/A440	2005
ANSI/AAMA/NWWDA 101/I.S.2	1997
ASTM E-1886	2002
ASTM E-1996	2002
ASTM E-330	2002

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

10/30/2008

Date Validated

12/24/2008

Date Pending FBC Approval

01/01/2009

Date Approved

02/03/2009

Date Revised

03/03/2009

**Summary of Products**

<b>FL #</b>	<b>Model, Number or Name</b>	<b>Description</b>
1435.1	SH-300	Aluminum Single Hung
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +45/-45  <b>Other:</b> Rating is H-LC45 for 52.125" x 75" fin (actual window buck size) or 53.125" x 76" flange (tip-to-tip size). Please see test report ATI-71082.01/.02-401-47 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL1435_R3_C_CAC_SH300-CAR-410.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/27/2011  <b>Installation Instructions</b>  <a href="#">FL1435_R3_II_SH-300 Anchorage.pdf</a>  <a href="#">FL1435_R3_II_SH300-71082-01.pdf</a>  <a href="#">FL1435_R3_II_SH300-71082-02.pdf</a>                      Verified By: Lucas A. Turner, PE 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

1435.2	SH-400	Vinyl Single Hung Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is H-R60 52.125x75 (actual window buck size). Please see test report FTL-4581 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL1435_R3_C_CAC_SH400-CAR-133.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      04/08/2009  <b>Installation Instructions</b>  <a href="#">FL1435_R3_II_SH-400-500 Anchorage.pdf</a>  <a href="#">FL1435_R3_II_SH400-FTL-4581.pdf</a>                      Verified By: Lucas A. Turner, PE 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
1435.3	SH-4000 Pass-Thru	Aluminum Single Hung Pass-Thru Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Ratings are +/-55 psf and +/-65 psf in 53_1/8 x 50_5/8 size. This product was not tested for water infiltration. Please see test reports FTL-5050 and 5051 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL1435_R3_C_CAC_SH4000PassThru-CAR-198.pdf</a>  <a href="#">FL1435_R3_C_CAC_SH4000PassThru-CAR-199.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      10/19/2010  <b>Installation Instructions</b>  <a href="#">FL1435_R3_II_SH-4000 PassThru Anchorage.pdf</a>  <a href="#">FL1435_R3_II_SH4000PassThru-FTL-5050.pdf</a>  <a href="#">FL1435_R3_II_SH4000PassThru-FTL-5051.pdf</a>                      Verified By: Lucas A. Turner, PE 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
1435.4	SH-4000/4001	Aluminum Single Hung Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +55/-55  <b>Other:</b> Configurations qualified include 1/1 (equal lite) and ProView configurations, with standard, Radius, or Arch top. Rating is H-R55 53.125x76 (SH-4000 flange), 52.125x75 (SH-4001 fin). Please see test reports FTL-4558 and 4559 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL1435_R3_C_CAC_SH4000-CAR-166.pdf</a>  <a href="#">FL1435_R3_C_CAC_SH4000-CAR-167.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      04/08/2009  <b>Installation Instructions</b>  <a href="#">FL1435_R3_II_SH-4000-4001 Anchorage.pdf</a>  <a href="#">FL1435_R3_II_SH4000-FTL-4558.pdf</a>  <a href="#">FL1435_R3_II_SH4000-FTL-4559.pdf</a>                      Verified By: Lucas A. Turner, PE 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
1435.5	SH-500 (Impact)	WinGuard Vinyl Single Hung Window

**Limits of Use**

**Approved for use in HVHZ:** No  
**Approved for use outside HVHZ:** Yes  
**Impact Resistant:** Yes  
**Design Pressure:** N/A  
**Other:** Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Rating is H-R60 52.125x75 (actual window buck size). Please see test reports FTL-4586, 4587, 4828, and 4833 for other product description and test information. Glass upgrades may be required to meet full design pressures.

**Certification Agency Certificate**

[FL1435\\_R3\\_C\\_CAC\\_SH 500-CAR-203.pdf](#)  
[FL1435\\_R3\\_C\\_CAC\\_SH 500-CAR-207.pdf](#)  
[FL1435\\_R3\\_C\\_CAC\\_SH500-CAR-134.pdf](#)  
[FL1435\\_R3\\_C\\_CAC\\_SH500-CAR-172.pdf](#)

**Quality Assurance Contract Expiration Date**  
 04/08/2009

**Installation Instructions**

[FL1435\\_R3\\_II\\_SH-400-500 Anchorage.pdf](#)  
[FL1435\\_R3\\_II\\_SH500-FTL4586.pdf](#)  
[FL1435\\_R3\\_II\\_SH500-FTL4587.pdf](#)  
[FL1435\\_R3\\_II\\_SH500-FTL4828.pdf](#)  
[FL1435\\_R3\\_II\\_SH500-FTL4833.pdf](#)

Verified By: Lucas A. Turner, PE 58201  
 Created by Independent Third Party: No

**Evaluation Reports**

Created by Independent Third Party:

[Back](#) [Next](#)

DCA Administration  
**Department of Community Affairs**  
**Florida Building Code Online**  
**Codes and Standards**  
 2555 Shumard Oak Boulevard  
 Tallahassee, Florida 32399-2100  
 (850) 487-1824, Fax (850) 414-8436

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**Product Approval Accepts:**





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## Product Approval

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL1435</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung		Revised
<a href="#">FL1435-R1</a>	Revision	2001	8/3/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung		Revised
<a href="#">FL1435-R2</a>	Revision	2004	10/30/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung		Revised

[Back](#)

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**Department of Community Affairs**  
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 2555 Shumard Oak Boulevard  
 Tallahassee, Florida 32399-2100  
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**Product Approval Accepts:**





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**Product Approval**  
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL1435-R4
Application Type	Revision
Code Version	2007
Application Status	Pending FBC Approval
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Robert Clark bclark@pgtindustries.com
Technical Representative	Robert Clark
Address/Phone/Email	1070 Technology Dr. Venice, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Single Hung
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

**Year**

AAMA/WDMA/CSA 101/IS2/A440

2005

ANSI/AAMA/NWWDA 101/I.S.2

1997

ASTM E-1886

2002

ASTM E-1886

2004

ASTM E-1996

2004

ASTM E-1996

2002

ASTM E-330

2002

Equivalence of Product Standards  
Certified By

Florida Licensed Professional Engineer or Architect  
[FL1435\\_R4\\_Equiv\\_SH500\\_comp\\_02-04\\_1886.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

03/03/2009

Date Validated

03/04/2009

Date Pending FBC Approval

03/08/2009

**Summary of Products**

FL #	Model, Number or Name	Description
1435.1	SH-300	Aluminum Single Hung

	<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +45/-45  <b>Other:</b> Rating is H-LC45 for 52.125" x 75" fin (actual window buck size) or 53.125" x 76" flange (tip-to-tip size). Please see test report ATI-71082.01/.02-401-47 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL1435_R4_C_CAC_SH300-CAR-410.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  02/27/2011  <b>Installation Instructions</b>  <a href="#">FL1435_R4_II_SH-300 Anchorage.pdf</a>  <a href="#">FL1435_R4_II_SH300-71082-01.pdf</a>  <a href="#">FL1435_R4_II_SH300-71082-02.pdf</a>                  Verified By: Lucas A. Turner, PE 58201                  Created by Independent Third Party: No  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>1435.2</p>	<p>SH-400</p>	<p>Vinyl Single Hung Window</p>
	<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is H-R60 52.125x75 (actual window buck size). Please see test report FTL-4581 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL1435_R4_C_CAC_SH400-CAR-133.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  04/08/2011  <b>Installation Instructions</b>  <a href="#">FL1435_R4_II_SH-400-500 Anchorage.pdf</a>  <a href="#">FL1435_R4_II_SH400-FTL-4581.pdf</a>                  Verified By: Lucas A. Turner, PE 58201                  Created by Independent Third Party: No  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>1435.3</p>	<p>SH-4000 Pass-Thru</p>	<p>Aluminum Single Hung Pass-Thru Window</p>
	<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Ratings are +/-55 psf and +/-65 psf in 53_1/8 x 50_5/8 size. This product was not tested for water infiltration. Please see test reports FTL-5050 and 5051 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL1435_R4_C_CAC_SH4000PassThru-CAR-198.pdf</a>  <a href="#">FL1435_R4_C_CAC_SH4000PassThru-CAR-199.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  10/19/2010  <b>Installation Instructions</b>  <a href="#">FL1435_R4_II_SH-4000 PassThru Anchorage.pdf</a>  <a href="#">FL1435_R4_II_SH4000PassThru-FTL-5050.pdf</a>  <a href="#">FL1435_R4_II_SH4000PassThru-FTL-5051.pdf</a>                  Verified By: Lucas A. Turner, PE 58201                  Created by Independent Third Party: No  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>1435.4</p>	<p>SH-4000/4001</p>	<p>Aluminum Single Hung Window</p>

<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +55/-55  <b>Other:</b> Configurations qualified include 1/1 (equal lite) and ProView configurations, with standard, Radius, or Arch top. 52.125x75 (actual window buck size). Please see test reports ATI 89077 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL1435_R4_C_CAC_SH4001-CAR-478.pdf</a>  <a href="#">FL1435_R4_C_CAC_SH4001-CAR-479.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/16/2013  <b>Installation Instructions</b>  <a href="#">FL1435_R4_II_SH 4001 - ATI - 89077.pdf</a>  <a href="#">FL1435_R4_II_SH 4001 -anchorage.pdf</a>                      Verified By: Robert L Clark, PE 39712                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
<p>1435.5</p>	<p>SH-500 (Impact)</p>	<p>WinGuard Vinyl Single Hung Window</p>
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Rating is H-R60 52.125x75 (actual window buck size). Please see test reports FTL-4586, 4587, 4828, and 4833 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL1435_R4_C_CAC_SH 500-CAR-203.pdf</a>  <a href="#">FL1435_R4_C_CAC_SH 500-CAR-207.pdf</a>  <a href="#">FL1435_R4_C_CAC_SH500-CAR-134.pdf</a>  <a href="#">FL1435_R4_C_CAC_SH500-CAR-172.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      04/08/2011  <b>Installation Instructions</b>  <a href="#">FL1435_R4_II_SH-400-500 Anchorage.pdf</a>  <a href="#">FL1435_R4_II_SH500-FTL4586.pdf</a>  <a href="#">FL1435_R4_II_SH500-FTL4587.pdf</a>  <a href="#">FL1435_R4_II_SH500-FTL4828.pdf</a>  <a href="#">FL1435_R4_II_SH500-FTL4833.pdf</a>                      Verified By: Lucas A. Turner, PE 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

[Back](#) [Next](#)

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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL1844-R4
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Horizontal Slider
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
AAMA/WDMA/CSA 101/I.S.2/A440	2005
ASTM E-1886	2004
ASTM E-1996	2004

Equivalence of Product Standards  
Certified By

Florida Licensed Professional Engineer or Architect  
[FL1844\\_R4\\_Equiv\\_EquivalencyCertification510.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

12/17/2008

Date Validated

12/24/2008

Date Pending FBC Approval

01/01/2009

Date Approved

02/03/2009

**Summary of Products**

FL #	Model, Number or Name	Description
1844.1	HR-201	Aluminum Horizontal Roller Window with Slip-On Nailing Fin
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> XOX format 111x63 size achieves a rating of HS-R45. XO or OX format 74x72 size achieves a rating of HS-R45. Please see test report ATI-78026.01-401-47 for additional information. Glass requirements may limit product size or require glass upgrades to achieve full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL1844_R4_C_CAC_201-CAR-465.pdf</a>  <a href="#">FL1844_R4_C_CAC_201-CAR-466.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      01/10/2012  <b>Installation Instructions</b>  <a href="#">FL1844_R4_II_78026.01-401-47-RO.pdf</a>  <a href="#">FL1844_R4_II_HR-201 Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
1844.2	HS-410	Vinyl Horizontal Sliding Window

**Limits of Use**  
**Approved for use in HVHZ:** No  
**Approved for use outside HVHZ:** Yes  
**Impact Resistant:** No  
**Design Pressure:** N/A  
**Other:** For XO or OX configuration, rating is HS-C60 73x62 (actual window buck size). For XOX 1/4-1/2-1/4 configuration, rating is HS-C60 110x62 (actual window buck size). Please see test reports FTL-5351 and 5500 for other product description and test information. Glass requirements may limit product size or require glass upgrades to achieve full design pressures.

**Certification Agency Certificate**  
[FL1844\\_R4\\_C\\_CAC\\_410-510-CAR-433.pdf](#)  
[FL1844\\_R4\\_C\\_CAC\\_410-CAR-456.pdf](#)  
**Quality Assurance Contract Expiration Date**  
 08/17/2011  
**Installation Instructions**  
[FL1844\\_R4\\_II\\_410-510-FTL-5351.pdf](#)  
[FL1844\\_R4\\_II\\_410-FTL-5500.pdf](#)  
[FL1844\\_R4\\_II\\_HS-410-510 Anchorage.pdf](#)  
 Verified By: Lucas A. Turner, P.E. 58201  
 Created by Independent Third Party: No  
**Evaluation Reports**  
 Created by Independent Third Party:

1844.3      HS-510 (Impact)

WinGuard Vinyl Horizontal Sliding Window

**Limits of Use**  
**Approved for use in HVHZ:** No  
**Approved for use outside HVHZ:** Yes  
**Impact Resistant:** Yes  
**Design Pressure:** N/A  
**Other:** Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Available in XO or OX configuration only. Rating is HS-C60 73x54 (actual window buck size). Please see test reports FTL-4831, 4832, and 5351 for other product description and test information. Glass requirements may limit product size or require glass upgrades to achieve full design pressures.

**Certification Agency Certificate**  
[FL1844\\_R4\\_C\\_CAC\\_410-510-CAR-433.pdf](#)  
[FL1844\\_R4\\_C\\_CAC\\_510-CAR-225.pdf](#)  
**Quality Assurance Contract Expiration Date**  
 01/16/2010  
**Installation Instructions**  
[FL1844\\_R4\\_II\\_410-510-FTL-5351.pdf](#)  
[FL1844\\_R4\\_II\\_510-FTL-4831.pdf](#)  
[FL1844\\_R4\\_II\\_510-FTL-4832.pdf](#)  
[FL1844\\_R4\\_II\\_HS-410-510 Anchorage.pdf](#)  
 Verified By: Lucas A. Turner, P.E. 58201  
 Created by Independent Third Party: No  
**Evaluation Reports**  
 Created by Independent Third Party:

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL1844</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Horizontal Slider		Revised
<a href="#">FL1844-R1</a>	Revision	2001	8/3/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Horizontal Slider		Revised
<a href="#">FL1844-R2</a>	Revision	2004	4/2/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Horizontal Slider		Revised
<a href="#">FL1844-R3</a>	Revision	2007	12/17/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Horizontal Slider	Keystone Certifications, Inc. (717) 932-8500	Revised

[Back](#)



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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL2766-R6
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Projected
Compliance Method	Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER  
 Validated By Miami-Dade BCCO - VAL

Referenced Standard and Year (of Standard)	<b>Standard</b>	<b>Year</b>
	TAS 201, 202, 203	1994
	TAS 202	1994

Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 12/10/2008  
 Date Validated 12/12/2008  
 Date Pending FBC Approval 12/17/2008  
 Date Approved 02/03/2009

**Summary of Products**

FL #	Model, Number or Name	Description
2766.1	CA-640 Projected (Non-Impact)	Aluminum Casement Projected Window
<p><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> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0709.15 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL2766_R6_C_CAC_640-08-0709-15.pdf</a>  <a href="#">FL2766_R6_C_CAC_Letter CA-640 Proj.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      11/20/2013  <b>Installation Instructions</b>  <a href="#">FL2766_R6_II_640-08-0709-15.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
2766.2	CA-740 Projected (Impact)	WinGuard Aluminum Casement Projected Window

**Limits of Use**

**Approved for use in HVHZ:** Yes

**Approved for use outside HVHZ:** Yes

**Impact Resistant:** Yes

**Design Pressure:** N/A

**Other:** Please see Miami-Dade County Notice of Acceptance (NOA) #08-0709.16 for product performance information, anchorage details, and anchor type, size, and spacing information. HVHZ must follow all provisions identified as "Miami-Dade" on the NOA drawings.

**Certification Agency Certificate**

[FL2766\\_R6\\_C\\_CAC\\_740-08-0709-16.pdf](#)

[FL2766\\_R6\\_C\\_CAC\\_Letter CA-740 Proj.pdf](#)

**Quality Assurance Contract Expiration Date**

11/06/2013

**Installation Instructions**

[FL2766\\_R6\\_II\\_740-08-0709-16.pdf](#)

Verified By: Miami-Dade BCCO - CER

Created by Independent Third Party:

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[Back](#) [Next](#)

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USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL2766</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Projected		Revised
<a href="#">FL2766-R1</a>	Revision	2001	8/4/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Projected		Revised
<a href="#">FL2766-R2</a>	Revision	2004	3/8/2006	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Projected		Revised
<a href="#">FL2766-R3</a>	Revision	2004		PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Projected		Revised
<a href="#">FL2766-R4</a>	Revision	2004	9/22/2006	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Projected		Revised
<a href="#">FL2766-R5</a>	Revision	2004	12/10/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Projected		Revised

[Back](#)



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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL2769-R5
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Single Hung
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
AAMA/WDMA/CSA 101/I.S.2/A440	2005
ANSI/AAMA/NWWDA 101/I.S.2	1997
ASTM E1886	2002
ASTM E1996	2002

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

12/10/2008

Date Validated

12/24/2008

Date Pending FBC Approval

01/01/2009

Date Approved

02/03/2009

**Summary of Products**

FL #	Model, Number or Name	Description
2769.1	SH-600	Aluminum Single Hung Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Configurations qualified include 1/1 and ProView format. 52.125x75 (integral fin window buck size) or 53.125x76 (flange tip-to-tip size) achieves rating of H-R60 with a Low Sill and H-R80 with a High Sill. Please see test reports FTL-4899 through 4903 for additional information. Glass upgrades may be required to meet full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-189.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-190.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-191.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-192.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-193.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-194.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      03/24/2010  <b>Installation Instructions</b>  <a href="#">FL2769_R5_II_SH-600-700 Anchorage.pdf</a>  <a href="#">FL2769_R5_II_SH600-FTL-4899.pdf</a>  <a href="#">FL2769_R5_II_SH600-FTL-4900.pdf</a>  <a href="#">FL2769_R5_II_SH600-FTL-4901.pdf</a></p>

		<p><a href="#">FL2769_R5_II_SH600-FTL-4902.pdf</a>  <a href="#">FL2769_R5_II_SH600-FTL-4903.pdf</a>                  Verified By: Lucas A. Turner, P.E. 58201                  Created by Independent Third Party: No  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>2769.2</p>	<p>SH-700 (Impact)</p>	<p>WinGuard Aluminum Single Hung Window</p> <p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Missile Level D (9.0 lb 2x4 traveling at 50 f/s, ASTM E1886/1996) in 1/1 and ProView format, 52.125x75 (integral fin window buck size) or 53.125x76 (flange tip-to-tip size) achieves rating of H-R60 with a Low Sill and H-R80 with a High Sill. Please see test reports FTL-4899 through 4903 and 4883 through 4885 for additional information. Glass upgrades may be required to meet full design pressures.</p> <p><b>Certification Agency Certificate</b>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-189.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-190.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-191.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-192.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-193.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH600-700-CAR-194.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH700-CAR-213.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH700-CAR-214.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  03/16/2010  <b>Installation Instructions</b>  <a href="#">FL2769_R5_II_SH-600-700 Anchorage.pdf</a>  <a href="#">FL2769_R5_II_SH700-FTL-4883.pdf</a>  <a href="#">FL2769_R5_II_SH700-FTL-4884.pdf</a>  <a href="#">FL2769_R5_II_SH700-FTL-4885.pdf</a>                  Verified By: Lucas A. Turner, P.E. 58201                  Created by Independent Third Party: No  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>2769.3</p>	<p>SH-800</p>	<p>Multi-Story Aluminum Single Hung Window</p> <p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is H-LC80 for 52.125x75 (window buck size) or 53.125x76 (tip-to-tip size) with 3/16 Tempered glass in 1/1 or ProView format. Actual Design Pressures are +80/-110 psf without reinforcement or +80/-150 with meeting rail reinforcement. Please see test report ATI-76462-01 for other product description and test information. Glass upgrades may be required to meet full design pressures.</p> <p><b>Certification Agency Certificate</b>  <a href="#">FL2769_R5_C_CAC_SH800-CAR-427.pdf</a>  <a href="#">FL2769_R5_C_CAC_SH800-CAR-428.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  09/07/2011  <b>Installation Instructions</b>  <a href="#">FL2769_R5_II_SH-800 Anchorage.pdf</a>  <a href="#">FL2769_R5_II_SH800-76462-01.pdf</a>                  Verified By: Lucas A. Turner, P.E. 58201                  Created by Independent Third Party: No  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>

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FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL2769</a>	New	2001	4/22/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung		Revised
<a href="#">FL2769-R1</a>	Revision	2001	8/5/2005	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung		Revised
<a href="#">FL2769-R2</a>	Revision	2004		PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung		Revised
<a href="#">FL2769-R3</a>	Revision	2004	9/22/2006	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung		Revised
<a href="#">FL2769-R4</a>	Revision	2004	12/10/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Single Hung		Revised

[Back](#)



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## Product Approval

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL5012-R2
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Fixed
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

**Year**

AAMA/WDMA/CSA 101/IS2/A440	2005
ANSI/AAMA/NWWDA 101 I.S.2	1997
ASTM E 1886	2002
ASTM E 1886	2004
ASTM E 1886	2005
ASTM E 1996	2002
ASTM E 1996	2004
ASTM E 1996	2005

Equivalence of Product Standards  
Certified By

Florida Licensed Professional Engineer or Architect  
[FL5012\\_R2\\_Equiv\\_EquivalencyCertification520.pdf](#)  
[FL5012\\_R2\\_Equiv\\_EquivalencyCertification540-O.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

12/23/2008

Date Validated

12/24/2008

Date Pending FBC Approval

01/05/2009

Date Approved

02/03/2009

Date Revised

03/04/2009

## Summary of Products

FL #	Model, Number or Name	Description
5012.2	CA-440 Fixed	Vinyl Casement Fixed Window
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> N/A <b>Other:</b> Rating is FW-C70 72x72 (actual window buck size). Please see test reports FTL-4773 and 5348 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.		<b>Certification Agency Certificate</b> <a href="#">FL5012_R2_C_CAC_CA440-O-CAR-177.pdf</a> <a href="#">FL5012_R2_C_CAC_CA440-O-CAR-425.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 01/16/2010 <b>Installation Instructions</b> <a href="#">FL5012_R2_II_CA440-540-O-Anchorage.pdf</a> <a href="#">FL5012_R2_II_CA440-O-FTL-4773.pdf</a> <a href="#">FL5012_R2_II_CA440-O-FTL-5348.pdf</a> Verified By: Lucas A. Turner, P.E. 58201 Created by Independent Third Party: No <b>Evaluation Reports</b> Created by Independent Third Party:
5012.3	CA-540 Fixed (Impact)	WinGuard Vinyl Casement Fixed Window
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> Yes <b>Design Pressure:</b> N/A <b>Other:</b> Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Rating is FW-C60 72x72 (actual window buck size). Please see test reports FTL-4772 and 5349 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.		<b>Certification Agency Certificate</b> <a href="#">FL5012_R2_C_CAC_CA540-O-CAR-176.pdf</a> <a href="#">FL5012_R2_C_CAC_CA540-O-CAR-211.pdf</a> <a href="#">FL5012_R2_C_CAC_CA540-O-CAR-426.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 01/11/2010 <b>Installation Instructions</b> <a href="#">FL5012_R2_II_CA440-540-O-Anchorage.pdf</a> <a href="#">FL5012_R2_II_CA540-O-FTL-4772.pdf</a> <a href="#">FL5012_R2_II_CA540-O-FTL-5349.pdf</a> Verified By: Lucas A. Turner, P.E. 58201 Created by Independent Third Party: No <b>Evaluation Reports</b> Created by Independent Third Party:
5012.4	CA-640 Fixed	Aluminum Casement Fixed Window with Integral Nailing Fin
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> N/A <b>Other:</b> Rating is F-C75-60x76. Please see test report FTL-4995 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.		<b>Certification Agency Certificate</b> <a href="#">FL5012_R2_C_CAC_CA640-O-CAR-187.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 06/23/2010 <b>Installation Instructions</b> <a href="#">FL5012_R2_II_CA640-O-Anchorage.pdf</a> <a href="#">FL5012_R2_II_CA640-O-FTL-4995.pdf</a> Verified By: Lucas A. Turner, P.E. 58201 Created by Independent Third Party: No <b>Evaluation Reports</b> Created by Independent Third Party:
5012.5	F-320	Aluminum Fixed Window

<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +45/-45  <b>Other:</b> Rating is FW-R45 for 105.25" x 52.625" fin (actual window buck size) or 106.25" x 53.625" flange (tip-to-tip size). Please see test report ATI-71332.01-401-47 for other product description and test information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R2_C_CAC_F320-CAR-411.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/26/2011  <b>Installation Instructions</b>  <a href="#">FL5012_R2_II_F320-71332-01-401-47.pdf</a>  <a href="#">FL5012_R2_II_F320-Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.6	F-6000	Aluminum Fixed Window with Slip-On Nailing Fin
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is FW-R65-60x76 with Tempered glass and FW-R30-53.125x76 with Annealed glass. Please see test report ATI-77299.01 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R2_C_CAC_F6000-CAR-436.pdf</a>  <a href="#">FL5012_R2_C_CAC_F6000-CAR-437.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      10/24/2011  <b>Installation Instructions</b>  <a href="#">FL5012_R2_II_F6000-ATI-77299-01.pdf</a>  <a href="#">FL5012_R2_II_F6000-SlipFin-Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.7	F-6001	Aluminum Fixed Window with Integral Nailing Fin
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is FW-R75-119x59 with Tempered glass and FW-R40-53.125x76 with Annealed glass. Please see test report ATI-77298.01 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R2_C_CAC_F6001-CAR-434.pdf</a>  <a href="#">FL5012_R2_C_CAC_F6001-CAR-435.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      10/24/2011  <b>Installation Instructions</b>  <a href="#">FL5012_R2_II_F6001-Anchorage.pdf</a>  <a href="#">FL5012_R2_II_F6001-ATI-77298-01.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.8	PW-3020 (Impact)	Architectural Systems Aluminum Fixed Window

	<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s) with cyclic pressure of +/-75 psf at 72x120 size. Air / water / structural rating is FW-C90 72x120. Please see test report ATI-84109.01 and 5349 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R2_C_CAC_PW3020-CAR-229.pdf</a>  <a href="#">FL5012_R2_C_CAC_PW3020-CAR-472.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      09/11/2010  <b>Installation Instructions</b>  <a href="#">FL5012_R2_II_84109-01-401-47.pdf</a>  <a href="#">FL5012_R2_II_PW3020 Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.9	PW-420	Vinyl Fixed Window
	<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is FW-C80 96x60 (actual window buck size). Please see test report FTL-5346 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R2_C_CAC_PW420-CAR-423.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      08/01/2011  <b>Installation Instructions</b>  <a href="#">FL5012_R2_II_PW420-520-Anchorage.pdf</a>  <a href="#">FL5012_R2_II_PW420-FTL-5346.PDF</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.10	PW-520 (Impact)	WinGuard Vinyl Fixed Window
	<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Rating sizes below are actual window buck size. Ratings are FW-C80 96x60 when tested with 7/16H/H SGP lami, FW-C80 75x60 when tested with 7/16 A/A SGP lami, and F-HC80 48x62 when tested with 5/16 A/A PVB lami. Please see test reports FTL-4829, 5763, 5764, and 5765 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R2_C_CAC_PW520-CAR-174.pdf</a>  <a href="#">FL5012_R2_C_CAC_PW520-CAR-209.pdf</a>  <a href="#">FL5012_R2_C_CAC_PW520-CAR-227.pdf</a>  <a href="#">FL5012_R2_C_CAC_PW520-CAR-228.pdf</a>  <a href="#">FL5012_R2_C_CAC_PW520-CAR-474.pdf</a>  <a href="#">FL5012_R2_C_CAC_PW520-CAR-475.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/06/2010  <b>Installation Instructions</b>  <a href="#">FL5012_R2_II_PW420-520-Anchorage.pdf</a>  <a href="#">FL5012_R2_II_PW520-FTL-4829.pdf</a>  <a href="#">FL5012_R2_II_PW520-FTL-5763.pdf</a>  <a href="#">FL5012_R2_II_PW520-FTL-5764.pdf</a>  <a href="#">FL5012_R2_II_PW520-FTL-5765.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>



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



## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL5012</a>	New	2004	11/20/2007	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed		Revised
<a href="#">FL5012-R1</a>	Revision	2004	12/23/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed		Revised

[Back](#)

DCA Administration  
**Department of Community Affairs**  
**Florida Building Code Online**  
**Codes and Standards**  
 2555 Shumard Oak Boulevard  
 Tallahassee, Florida 32399-2100  
 (850) 487-1824, Fax (850) 414-8436

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**Product Approval Accepts:**





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



## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL5012-R3
Application Type	Revision
Code Version	2007
Application Status	Pending FBC Approval
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Robert Clark bclark@pgtindustries.com
Technical Representative	Robert Clark
Address/Phone/Email	1070 Technology Dr. Venice, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Fixed
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

**Year**

AAMA/WDMA/CSA 101/IS2/A440	2005
ANSI/AAMA/NWWDA 101 I.S.2	1997
ASTM E 1886	2002
ASTM E 1886	2004
ASTM E 1886	2005
ASTM E 1996	2002
ASTM E 1996	2004
ASTM E 1996	2005

Equivalence of Product Standards  
Certified By

Florida Licensed Professional Engineer or Architect  
[FL5012\\_R3\\_Equiv\\_EquivalencyCertification520.pdf](#)  
[FL5012\\_R3\\_Equiv\\_EquivalencyCertification540-O.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

03/04/2009

Date Validated

03/06/2009

Date Pending FBC Approval

03/11/2009

## Summary of Products

FL #	Model, Number or Name	Description
5012.1	CA 640 "O" (Fin)	Aluminum Casement Fixed Fin
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +60/-60  <b>Other:</b> Rating is FW-R60 -62x75 (actual window buck size). Please see test report AT1-88226 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R3_C_CAC_190-490CAR.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>  02/25/2013  <b>Installation Instructions</b>  <a href="#">FL5012_R3_II_CA640 - AT1-88226.pdf</a>  <a href="#">FL5012_R3_II_CA640 - O - Anchorage.pdf</a>  Verified By: Robert Clark 39712  Created by Independent Third Party: No  <b>Evaluation Reports</b>  Created by Independent Third Party:</p>
5012.2	CA-440 Fixed	Vinyl Casement Fixed Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is FW-C70 72x72 (actual window buck size). Please see test reports FTL-4773 and 5348 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R3_C_CAC_CA440-O-CAR-177.pdf</a>  <a href="#">FL5012_R3_C_CAC_CA440-O-CAR-425.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>  01/16/2010  <b>Installation Instructions</b>  <a href="#">FL5012_R3_II_CA440-540-O-Anchorage.pdf</a>  <a href="#">FL5012_R3_II_CA440-O-FTL-4773.pdf</a>  <a href="#">FL5012_R3_II_CA440-O-FTL-5348.pdf</a>  Verified By: Lucas A. Turner, P.E. 58201  Created by Independent Third Party: No  <b>Evaluation Reports</b>  Created by Independent Third Party:</p>
5012.3	CA-540 Fixed (Impact)	WinGuard Vinyl Casement Fixed Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Rating is FW-C60 72x72 (actual window buck size). Please see test reports FTL-4772 and 5349 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R3_C_CAC_CA540-O-CAR-176.pdf</a>  <a href="#">FL5012_R3_C_CAC_CA540-O-CAR-211.pdf</a>  <a href="#">FL5012_R3_C_CAC_CA540-O-CAR-426.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>  01/11/2010  <b>Installation Instructions</b>  <a href="#">FL5012_R3_II_CA440-540-O-Anchorage.pdf</a>  <a href="#">FL5012_R3_II_CA540-O-FTL-4772.pdf</a>  <a href="#">FL5012_R3_II_CA540-O-FTL-5349.pdf</a>  Verified By: Lucas A. Turner, P.E. 58201  Created by Independent Third Party: No  <b>Evaluation Reports</b>  Created by Independent Third Party:</p>
5012.4	CA-640 Fixed	Aluminum Casement Fixed Window with Integral Nailing Fin

<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is F-C75-60x76. Please see test report FTL-4995 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R3_C_CAC_CA640-O-CAR-187.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      06/23/2010  <b>Installation Instructions</b>  <a href="#">FL5012_R3_II_CA640-O-Anchorage.pdf</a>  <a href="#">FL5012_R3_II_CA640-O-FTL-4995.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.5	F-320	Aluminum Fixed Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +45/-45  <b>Other:</b> Rating is FW-R45 for 105.25" x 52.625" fin (actual window buck size) or 106.25" x 53.625" flange (tip-to-tip size). Please see test report ATI-71332.01-401-47 for other product description and test information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R3_C_CAC_F320-CAR-411.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/26/2011  <b>Installation Instructions</b>  <a href="#">FL5012_R3_II_F320-71332-01-401-47.pdf</a>  <a href="#">FL5012_R3_II_F320-Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.6	F-6000	Aluminum Fixed Window with Slip-On Nailing Fin
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is FW-R65-60x76 with Tempered glass and FW-R30-53.125x76 with Annealed glass. Please see test report ATI-77299.01 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R3_C_CAC_F6000-CAR-436.pdf</a>  <a href="#">FL5012_R3_C_CAC_F6000-CAR-437.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      10/24/2011  <b>Installation Instructions</b>  <a href="#">FL5012_R3_II_F6000-ATI-77299-01.pdf</a>  <a href="#">FL5012_R3_II_F6000-SlipFin-Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.7	F-6001	Aluminum Fixed Window with Integral Nailing Fin

<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is FW-R75-119x59 with Tempered glass and FW-R40-53.125x76 with Annealed glass. Please see test report ATI-77298.01 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R3_C_CAC_F6001-CAR-434.pdf</a>  <a href="#">FL5012_R3_C_CAC_F6001-CAR-435.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      10/24/2011  <b>Installation Instructions</b>  <a href="#">FL5012_R3_II_F6001-Anchorage.pdf</a>  <a href="#">FL5012_R3_II_F6001-ATI-77298-01.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.8	PW-3020 (Impact)	Architectural Systems Aluminum Fixed Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s) with cyclic pressure of +/-75 psf at 72x120 size. Air / water / structural rating is FW-C90 72x120. Please see test report ATI-84109.01 and 5349 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R3_C_CAC_PW3020-CAR-229.pdf</a>  <a href="#">FL5012_R3_C_CAC_PW3020-CAR-472.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      09/11/2010  <b>Installation Instructions</b>  <a href="#">FL5012_R3_II_84109-01-401-47.pdf</a>  <a href="#">FL5012_R3_II_PW3020 Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.9	PW-420	Vinyl Fixed Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is FW-C80 96x60 (actual window buck size). Please see test report FTL-5346 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL5012_R3_C_CAC_PW420-CAR-423.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      08/01/2011  <b>Installation Instructions</b>  <a href="#">FL5012_R3_II_PW420-520-Anchorage.pdf</a>  <a href="#">FL5012_R3_II_PW420-FTL-5346.PDF</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
5012.10	PW-520 (Impact)	WinGuard Vinyl Fixed Window

**Limits of Use**

**Approved for use in HVHZ:** No  
**Approved for use outside HVHZ:** Yes  
**Impact Resistant:** Yes  
**Design Pressure:** N/A  
**Other:** Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Rating sizes below are actual window buck size. Ratings are FW-C80 96x60 when tested with 7/16H/H SGP lami, FW-C80 75x60 when tested with 7/16 A/A SGP lami, and F-HC80 48x62 when tested with 5/16 A/A PVB lami. Please see test reports FTL-4829, 5763, 5764, and 5765 for other product description and test information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressures.

**Certification Agency Certificate**

- [FL5012\\_R3\\_C\\_CAC\\_PW520-CAR-174.pdf](#)
- [FL5012\\_R3\\_C\\_CAC\\_PW520-CAR-209.pdf](#)
- [FL5012\\_R3\\_C\\_CAC\\_PW520-CAR-227.pdf](#)
- [FL5012\\_R3\\_C\\_CAC\\_PW520-CAR-228.pdf](#)
- [FL5012\\_R3\\_C\\_CAC\\_PW520-CAR-474.pdf](#)
- [FL5012\\_R3\\_C\\_CAC\\_PW520-CAR-475.pdf](#)

**Quality Assurance Contract Expiration Date**

02/06/2010

**Installation Instructions**

- [FL5012\\_R3\\_II\\_PW420-520-Anchorage.pdf](#)
- [FL5012\\_R3\\_II\\_PW520-FTL-4829.pdf](#)
- [FL5012\\_R3\\_II\\_PW520-FTL-5763.pdf](#)
- [FL5012\\_R3\\_II\\_PW520-FTL-5764.pdf](#)
- [FL5012\\_R3\\_II\\_PW520-FTL-5765.pdf](#)

Verified By: Lucas A. Turner, P.E. 58201  
 Created by Independent Third Party: No

**Evaluation Reports**

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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL7058-R2
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Double Hung
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

<b>Standard</b>	<b>Year</b>
ANSI/AAMA/WDMA 101/I.S. 2/NAFS	2002
ASTM E-1886	2004
ASTM E-1996	2004

Equivalence of Product Standards  
Certified By

Florida Licensed Professional Engineer or Architect  
[FL7058\\_R2\\_Equiv\\_EquivalencyCertification560.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

12/21/2008

Date Validated

12/24/2008

Date Pending FBC Approval

01/01/2009

Date Approved

02/03/2009

**Summary of Products**

<b>FL #</b>	<b>Model, Number or Name</b>	<b>Description</b>
7058.1	DH-460	Vinyl Double Hung Window
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +50/-50 <b>Other:</b> Rating is H-R50 52.125x75 (actual window buck size) with 1/8 Annealed - 1/8 Annealed Insulating Glass or stronger. Please see test report FTL-4953 for other product description and test information.		<b>Certification Agency Certificate</b> <a href="#">FL7058_R2_C_CAC_DH460-CAR-178.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 05/24/2010 <b>Installation Instructions</b> <a href="#">FL7058_R2_II_DH460-560 Anchorage.pdf</a> <a href="#">FL7058_R2_II_DH460-FTL-4953.pdf</a> Verified By: Lucas A. Turner, P.E. 58201 Created by Independent Third Party: No <b>Evaluation Reports</b> Created by Independent Third Party:
7058.2	DH-560 (Impact)	WinGuard Vinyl Double Hung Window

**Limits of Use**

**Approved for use in HVHZ:** No

**Approved for use outside HVHZ:** Yes

**Impact Resistant:** Yes

**Design Pressure:** +50/-50

**Other:** Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s). Rating is H-R50 52.125x75 (actual window buck size) with 1/8 Annealed - air space - 5/16 Laminated Annealed/Annealed Insulating Glass or stronger. Please see test report FTL-4928 for other product description and test information.

**Certification Agency Certificate**

[FL7058\\_R2\\_C\\_CAC\\_DH560-CAR-179.pdf](#)

[FL7058\\_R2\\_C\\_CAC\\_DH560-CAR-212.pdf](#)

**Quality Assurance Contract Expiration Date**

05/25/2010

**Installation Instructions**

[FL7058\\_R2\\_II\\_DH460-560 Anchorage.pdf](#)

[FL7058\\_R2\\_II\\_DH560-FTL-4928.pdf](#)

Verified By: Lucas A. Turner, P.E. 58201

Created by Independent Third Party: No

**Evaluation Reports**

Created by Independent Third Party:

[Back](#) [Next](#)

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## Product Approval

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL7058</a>	New	2004	11/20/2007	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Double Hung		Revised
<a href="#">FL7058-R1</a>	Revision	2004	12/21/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Double Hung		Revised

[Back](#)

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## Product Approval

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL8195-R1
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Fixed
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

AAMA/WDMA/CSA 101/I.S.2/A440

**Year**

2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

05/16/2008

Date Validated

06/02/2008

Date Pending FBC Approval

07/15/2008

Date Approved

09/15/2008

**Summary of Products**

FL #	Model, Number or Name	Description
8195.1	F-6000 Inside Glazed	Aluminum Fixed Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating is FW-LC80-120x60. Glass must be appropriately selected to meet E1300 requirements for the size selected.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL8195_R1_C_CAC_190-467CAR.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      12/31/2011  <b>Installation Instructions</b>  <a href="#">FL8195_R1_II_77299.02-401-47-R1.pdf</a>  <a href="#">FL8195_R1_II_F6000 ISG Anchorage.pdf</a>                      Verified By: Keystone Certifications, Inc.                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

[Back](#) [Next](#)



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## Product Approval

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#) > **Application History**

FL#	Type	Code Version	Date Revised	Manufacturer	Validated By	Status
<a href="#">FL8195</a>	New	2004	5/16/2008	PGT Industries <b>Category:</b> Windows <b>Subcategory:</b> Fixed		Revised

[Back](#)

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL8208-R3
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Exterior Doors
Subcategory	Sliding Exterior Door Assemblies
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
AAMA/WDMA/CSA 101/I.S.2/A440	2005
ANSI/AAMA/WDMA 101/IS2/NAFS	2002
ASTM E-1886	2002
ASTM E-1996	2002

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

12/19/2008

Date Validated

12/24/2008

Date Pending FBC Approval

01/05/2009

Date Approved

02/03/2009

**Summary of Products**

FL #	Model, Number or Name	Description
8208.1	SGD-330	Aluminum Sliding Glass Door
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> With 1_7/8" sill: 4'x8' panels, reinforced, with 3/16T (single pane or IG) glass: +/-45 psf. 4'x6'8" panels with 1/8T (single pane or IG) glass: +/-45 psf. 4'x5' panels with 3/16A single pane or 1/8A IG glass: +/-45 psf. 1_3/8" sill limits positive pressure to +30 psf. 4'x8' panels with 3/16T (single pane or IG) glass: +/-30 psf. 4' x 6'8" panels with light astragal and 1/8T glass: +/-30 psf. Please see ATI test reports in Installation Instructions for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL8208_R3_C_CAC_SGD330-CAR-414.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD330-CAR-415.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD330-CAR-416.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD330-CAR-418.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD330-CAR-419.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD330-CAR-420.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD330-CAR-421.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD330-CAR-422.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD330-CAR-431.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD330-CAR-432.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      07/30/2011  <b>Installation Instructions</b></p>

		<p><a href="#">FL8208_R3_II_SGD-330 Anchorage.pdf</a>  <a href="#">FL8208_R3_II_SGD330-74779-01-401-47-R1.pdf</a>  <a href="#">FL8208_R3_II_SGD330-74782-01-401-47-R1.pdf</a>  <a href="#">FL8208_R3_II_SGD330-76268-01-401-47-R0.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
8208.2	SGD-430 (Non-Impact)	PGT Vinyl Sliding Glass Door
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating for 96" x 96" XO or OX door with 3/16" Tempered Insulating Glass: +/-60 psf (SD-C60) with 3_1/8" sill riser. With no riser (1_7/8" sill height) rating is +/-45 psf (SD-C45). Please see test report ATI-69381.01-401-44 for additional product, testing, and anchorage information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL8208_R3_C_CAC_SGD430-CAR-403.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD430-CAR-404.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      01/16/2011  <b>Installation Instructions</b>  <a href="#">FL8208_R3_II_SGD-430-530 Anchorage.pdf</a>  <a href="#">FL8208_R3_II_SGD430-ATI-69381-01.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
8208.3	SGD-530 (Impact)	WinGuard Vinyl Sliding Glass Door
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Rating for 96" x 96" XO or OX door with Laminated Insulating Glass (3/16" Tempered - Space - 7/16" HS-HS SGP Lami): +/-60 psf (SD-C60) with 3_1/8" sill riser. With no riser (1_7/8" sill height) rating is +/-45 psf (SD-C45). ASTM E1886/1996 Large Missile impact resistant, 9 lb 2x4 at 50 ft/sec. Please see test report ATI-69381.02-401-44 for additional product, testing, and anchorage information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL8208_R3_C_CAC_SGD530-CAR-216.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD530-CAR-403.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD530-CAR-404.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      01/16/2011  <b>Installation Instructions</b>  <a href="#">FL8208_R3_II_SGD-430-530 Anchorage.pdf</a>  <a href="#">FL8208_R3_II_SGD530-ATI-69381-02.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
8208.4	SGD-680 (Non-Impact)	Aluminum Sliding Glass Door

<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Straight or Corner configurations available. Rating for 4' x 10' nominal panel size with 3/16" Tempered Glass: +/-60 psf (SGD-C60). Rating for 4' x 8' nominal panel size with 3/16" Tempered Glass: +/-105 psf (SGD-C105). Please see test report FTL-5147, 5151, and 5153 for additional product, testing, and anchorage information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL8208_R3_C_CAC_SGD680-CAR-405.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD680-CAR-406.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD680-CAR-407.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      01/08/2010  <b>Installation Instructions</b>  <a href="#">FL8208_R3_II_SGD-680-780 Anchorage.pdf</a>  <a href="#">FL8208_R3_II_SGD680-FTL-5147.pdf</a>  <a href="#">FL8208_R3_II_SGD680-FTL-5151.pdf</a>  <a href="#">FL8208_R3_II_SGD680-FTL-5153.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
<p>8208.5</p>	<p>SGD-780 (Impact)</p>	<p>WinGuard Aluminum Sliding Glass Door</p>
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Straight or Corner configurations available. Rating for 4' x 10' nominal panel size with 7/16" HS-HS SGP Laminated Glass: +60/-70 psf (SGD-C60). Rating for 4' x 8' nominal panel size with 7/16" HS-HS SGP Laminated Glass: +105/-115 psf (SGD-C105). ASTM E1886/1996 Large Missile impact resistant, 9 lb 2x4 at 50 ft/sec. Please see test report FTL-5147, 5149, 5151, 5152, 5153, and 5154 for additional product, testing, and anchorage information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL8208_R3_C_CAC_SGD780-CAR-217.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD780-CAR-218.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD780-CAR-219.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD780-CAR-405.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD780-CAR-406.pdf</a>  <a href="#">FL8208_R3_C_CAC_SGD780-CAR-407.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      01/08/2010  <b>Installation Instructions</b>  <a href="#">FL8208_R3_II_SGD-680-780 Anchorage.pdf</a>  <a href="#">FL8208_R3_II_SGD780-FTL-5149.pdf</a>  <a href="#">FL8208_R3_II_SGD780-FTL-5152.pdf</a>  <a href="#">FL8208_R3_II_SGD780-FTL-5154.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

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## Product Approval

USER: Public User

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FL #	FL9340-R1
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Horizontal Slider
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
AAMA/WDMA/CSA 101/IS2/A440	2005
ANSI/AAMA/WDMA 101/I.S.2/NAFS	2002
ASTM E-1886	2005
ASTM E-1996	2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

12/18/2008

Date Validated

12/24/2008

Date Pending FBC Approval

01/06/2009

Date Approved

02/03/2009

**Summary of Products**

FL #	Model, Number or Name	Description
9340.1	HR-610 Integral Fin	Aluminum Horizontal Roller Window with Integral Nailing Fin
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> XO format 74" x 63" size achieves a rating of HS-R75, and XOX 1/4-1/2-1/4 format 120" x 63" size achieves a rating of HS-LC75. Glass upgrades are required to achieve full design pressures at full tested sizes. Please see test reports FTL-5005 and ATI-76175.01 for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL9340_R1_C_CAC_HR-610-710 CAR-412.pdf</a>  <a href="#">FL9340_R1_C_CAC_HR-610-710 CAR-429.pdf</a>  <a href="#">FL9340_R1_C_CAC_HR-610-710 CAR-430.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      01/03/2011  <b>Installation Instructions</b>  <a href="#">FL9340_R1_II_76175 01-401-44-r0.pdf</a>  <a href="#">FL9340_R1_II_FTL-5005.PDF</a>  <a href="#">FL9340_R1_II_HR-610-710 Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

9340.2	HR-710 Integral Fin (Impact)	WinGuard Horizontal Roller Window with Integral Nailing Fin
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Impact Resistant, Missile Level D (9.0 lb 2x4 traveling at 50 f/s, ASTM E1886/1996). XO format 74" x 63" size achieves a rating of HS-R75. XOX 1/4-1/2-1/4 format 111" x 63" size achieves a rating of HS-R75 with 7/16 laminated glass and HS-R60 with 5/16 laminated glass. Glass upgrades are required to achieve full design pressures at full tested sizes. Please see test reports FTL-5005, 5006, 5324, and 5325, and ATI-76175.01 for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL9340_R1_C_CAC_HR-610-710 CAR-412.pdf</a>  <a href="#">FL9340_R1_C_CAC_HR-610-710 CAR-429.pdf</a>  <a href="#">FL9340_R1_C_CAC_HR-610-710 CAR-430.pdf</a>  <a href="#">FL9340_R1_C_CAC_HR-710 CAR-221.pdf</a>  <a href="#">FL9340_R1_C_CAC_HR-710 CAR-222.pdf</a>  <a href="#">FL9340_R1_C_CAC_HR-710 CAR-223.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      11/03/2010  <b>Installation Instructions</b>  <a href="#">FL9340_R1_II_76175 01-401-44-r0.pdf</a>  <a href="#">FL9340_R1_II_FTL-5005.PDF</a>  <a href="#">FL9340_R1_II_FTL-5006.pdf</a>  <a href="#">FL9340_R1_II_FTL-5324.pdf</a>  <a href="#">FL9340_R1_II_FTL-5325.pdf</a>  <a href="#">FL9340_R1_II_HR-610-710 Anchorage.pdf</a>                      Verified By: Lucas A. Turner, P.E. 58201                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL10287-R1
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Single Hung
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

AAMA/WDMA/CSA 101/I.S.2/A440

**Year**

2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

12/23/2008

Date Validated

12/24/2008

Date Pending FBC Approval

01/06/2009

Date Approved

02/03/2009

**Summary of Products**

FL #	Model, Number or Name	Description
10287.1	SH-2100	Vinyl Single Hung Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Equal Lite, Cottage, or Oriel 47.5x73.5 rating is H-R35, and 35.5x73.5 rating is H-R50. Double units up to 95.5x73.5 or Triple units up to 131.5x73.5 with Continuous Head and Sill (max. component window width 47.5) achieve H-R35. Equal Lite or Oriel 47.5x83.5 rating is H-R35, and 35.5x83.5 rating is H-R50. Glass restrictions may limit product size or require glass upgrades to achieve full design pressures. Please see test reports ATI-79777.01 and 85559.01 for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL10287_R1_C_CAC_190-440-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-441-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-442-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-443-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-444-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-445-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-446-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-447-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-448-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-468-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-469-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-470-CAR.pdf</a>  <a href="#">FL10287_R1_C_CAC_190-471-CAR.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      01/24/2012  <b>Installation Instructions</b></p>

[FL10287\\_R1\\_II\\_79777-01-401-44.pdf](#)  
[FL10287\\_R1\\_II\\_85559\\_01-401-47-r1.pdf](#)  
[FL10287\\_R1\\_II\\_SH2100 Anchorage.pdf](#)

Verified By: Lucas A. Turner, P.E. 58201  
Created by Independent Third Party: No  
**Evaluation Reports**  
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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL10288-R1
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Double Hung
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

AAMA/WDMA/CSA 101/I.S.2/A440

**Year**

2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

04/01/2008

Date Validated

04/07/2008

Date Pending FBC Approval

04/07/2008

Date Approved

05/06/2008

Date Revised

03/06/2009

**Summary of Products**

FL #	Model, Number or Name	Description
10288.1	DH-2160	Vinyl Double Hung Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Equal Lite, Cottage, or Oriel format 47.5"x73.5" size achieves a rating of H-R35, and 35.5"x73.5" size achieves a rating of H-R50. Double units up to 95.5"x73.5" or Triple units up to 131.5"x73.5" with Continuous Head and Sill in Equal Lite, Cottage, or Oriel format (max. component window width 47.5") achieve H-R35. E1300 glass requirements may limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-79780.02-401-44 for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL10288_R1_C_CAC_190-449-CAR.pdf</a>  <a href="#">FL10288_R1_C_CAC_190-450-CAR.pdf</a>  <a href="#">FL10288_R1_C_CAC_190-451-CAR.pdf</a>  <a href="#">FL10288_R1_C_CAC_190-452-CAR.pdf</a>  <a href="#">FL10288_R1_C_CAC_190-453-CAR.pdf</a>  <a href="#">FL10288_R1_C_CAC_190-454-CAR.pdf</a>  <a href="#">FL10288_R1_C_CAC_190-455-CAR.pdf</a>  <a href="#">FL10288_R1_C_CAC_190-459-CAR.pdf</a>  <a href="#">FL10288_R1_C_CAC_190-460-CAR.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      12/31/2011  <b>Installation Instructions</b>  <a href="#">FL10288_R1_II_79780.02-401-44.pdf</a>                      Verified By: Keystone Certifications, Inc.                      Created by Independent Third Party:  <b>Evaluation Reports</b></p>



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## Product Approval

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL10288-R2
Application Type	Revision
Code Version	2007
Application Status	Pending FBC Approval
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Robert Clark bclark@pgtindustries.com
Technical Representative	Robert Clark
Address/Phone/Email	1070 Technology Dr. Venice, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Double Hung
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

AAMA/WDMA/CSA 101/I.S.2/A440

**Year**

2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

03/06/2009

Date Validated

03/06/2009

Date Pending FBC Approval

03/12/2009

**Summary of Products**

FL #	Model, Number or Name	Description
10288.1	DH-2160	Vinyl Double Hung Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> Equal Lite, Cottage, or Oriel format 47.5"x73.5" size achieves a rating of H-R35, and 35.5"x73.5" size achieves a rating of H-R50. Double units up to 95.5"x73.5" or Triple units up to 131.5"x73.5" with Continuous Head and Sill in Equal Lite, Cottage, or Oriel format (max. component window width 47.5") achieve H-R35. E1300 glass requirements may limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-79780.02-401-44 for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL10288_R2_C_CAC_190-449-CAR.pdf</a>  <a href="#">FL10288_R2_C_CAC_190-450-CAR.pdf</a>  <a href="#">FL10288_R2_C_CAC_190-451-CAR.pdf</a>  <a href="#">FL10288_R2_C_CAC_190-452-CAR.pdf</a>  <a href="#">FL10288_R2_C_CAC_190-453-CAR.pdf</a>  <a href="#">FL10288_R2_C_CAC_190-454-CAR.pdf</a>  <a href="#">FL10288_R2_C_CAC_190-455-CAR.pdf</a>  <a href="#">FL10288_R2_C_CAC_190-459-CAR.pdf</a>  <a href="#">FL10288_R2_C_CAC_190-460-CAR.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      12/31/2011  <b>Installation Instructions</b>  <a href="#">FL10288_R2_II_79780.02-401-44.pdf</a>                      Verified By: Keystone Certifications, Inc.                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

10288.2	DH-2360	PGT Double Hung Vinyl Window Series DH 2360
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> 54"x91" size achieves a rating of H-LC35, and 48"x86" size achieves a rating of H-LC50. Unit Reinforced in Sash Keeper Rail only at 32"x56" achieves H-LC50*. E1300 glass requirements may limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-88626 for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL10288_R2_C_CAC_DH 2360 - Car - 486.pdf</a>  <a href="#">FL10288_R2_C_CAC_DH 2360 - Car - 487.pdf</a>  <a href="#">FL10288_R2_C_CAC_DH 2360 - Car - 488.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/25/2013  <b>Installation Instructions</b>  <a href="#">FL10288_R2_II_DH 2360 - Anchorage.pdf</a>  <a href="#">FL10288_R2_II_DH 2360 - ATI - 88626.pdf</a>                      Verified By: Robert Clark 39712                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

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## Product Approval

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL10289-R1
Application Type	Revision
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Fixed
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

AAMA/WDMA/CSA 101/I.S.2/A440

**Year**

2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

04/02/2008

Date Validated

04/07/2008

Date Pending FBC Approval

04/07/2008

Date Approved

05/06/2008

Date Revised

03/06/2009

**Summary of Products**

FL #	Model, Number or Name	Description
10289.1	PW-2100	Vinyl Fixed Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> 71.5"x95.5" size achieves a rating of FW-C50. Double units up to 95.5"x73.5" or Triple units up to 131.5"x73.5" with Continuous Head and Sill (max. component window width 47.5") achieve FW-C50. E1300 glass requirements will limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-79890.02-401-47 for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL10289_R1_C_CAC_190-457-CAR.pdf</a>  <a href="#">FL10289_R1_C_CAC_190-458-CAR.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      12/31/2011  <b>Installation Instructions</b>  <a href="#">FL10289_R1_II_79890.02-401-47.pdf</a>                      Verified By: Keystone Certifications, Inc.                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
10289.2	PW-2160	Vinyl Fixed Window

**Limits of Use**

**Approved for use in HVHZ:** No

**Approved for use outside HVHZ:** Yes

**Impact Resistant:** No

**Design Pressure:** N/A

**Other:** 71.5"x95.5" size achieves a rating of FW-C50. Double units up to 95.5"x73.5" or Triple units up to 131.5"x73.5" with Continuous Head and Sill (max. component window width 47.5") achieve FW-C50. E1300 glass requirements will limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-79890.02-401-47 for additional information.

**Certification Agency Certificate**

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**Quality Assurance Contract Expiration Date**

12/31/2011

**Installation Instructions**

[FL10289\\_R1\\_II\\_79890.02-401-47.pdf](#)

Verified By: Keystone Certifications, Inc.

Created by Independent Third Party:

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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL10289-R2
Application Type	Revision
Code Version	2007
Application Status	Pending FBC Approval
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Robert Clark bclark@pgtindustries.com
Technical Representative	Robert Clark
Address/Phone/Email	1070 Technology Dr. Venice, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Fixed
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

AAMA/WDMA/CSA 101/I.S.2/A440

**Year**

2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

03/06/2009

Date Validated

03/06/2009

Date Pending FBC Approval

03/12/2009

**Summary of Products**

FL #	Model, Number or Name	Description
10289.1	PW 2320	PGT Vinyl Fixed Window PW 2320
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> 96"x74" size achieves a rating of FW-LC50. E1300 glass requirements will limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-79890.02-401-47 for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL10289_R2_C_CAC_F 2320 CAR-476.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/04/2013  <b>Installation Instructions</b>  <a href="#">FL10289_R2_II_F 2320 - Anchorage.pdf</a>  <a href="#">FL10289_R2_II_F 2320 - ATI-88619.pdf</a>                      Verified By: Robert Clark 39712                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
10289.2	PW-2100	Vinyl Fixed Window

**Limits of Use**

**Approved for use in HVHZ:** No  
**Approved for use outside HVHZ:** Yes  
**Impact Resistant:** No  
**Design Pressure:** N/A  
**Other:** 71.5"x95.5" size achieves a rating of FW-C50. Double units up to 95.5"x73.5" or Triple units up to 131.5"x73.5" with Continuous Head and Sill (max. component window width 47.5") achieve FW-C50. E1300 glass requirements will limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-79890.02-401-47 for additional information.

**Certification Agency Certificate**

[FL10289\\_R2\\_C\\_CAC\\_190-457-CAR.pdf](#)  
[FL10289\\_R2\\_C\\_CAC\\_190-458-CAR.pdf](#)  
**Quality Assurance Contract Expiration Date**  
 12/31/2011  
**Installation Instructions**  
[FL10289\\_R2\\_II\\_79890.02-401-47.pdf](#)  
 Verified By: Keystone Certifications, Inc.  
 Created by Independent Third Party:  
**Evaluation Reports**  
 Created by Independent Third Party:

10289.3

PW-2160

Vinyl Fixed Window

**Limits of Use**

**Approved for use in HVHZ:** No  
**Approved for use outside HVHZ:** Yes  
**Impact Resistant:** No  
**Design Pressure:** N/A  
**Other:** 71.5"x95.5" size achieves a rating of FW-C50. Double units up to 95.5"x73.5" or Triple units up to 131.5"x73.5" with Continuous Head and Sill (max. component window width 47.5") achieve FW-C50. E1300 glass requirements will limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-79890.02-401-47 for additional information.

**Certification Agency Certificate**

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[FL10289\\_R2\\_C\\_CAC\\_190-458-CAR.pdf](#)  
**Quality Assurance Contract Expiration Date**  
 12/31/2011  
**Installation Instructions**  
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## Product Approval

USER: Public User

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FL #	FL10507-R0
Application Type	New
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Horizontal Slider
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

AAMA/WDMA/CSA 101/I.S.2/A440

**Year**

2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

04/01/2008

Date Validated

04/03/2008

Date Pending FBC Approval

04/07/2008

Date Approved

05/06/2008

Date Revised

03/06/2009

**Summary of Products**

FL #	Model, Number or Name	Description
10507.1	HR-2110	Vinyl Horizontal Roller Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> XO or OX format 71.5"x59.5" achieves a rating of HS-R40, and 71.5"x47.5" achieves a rating of HS-R50. XOX 1/4-1/2-1/4 format 119.5"x59.5" or 1/3-1/3-1/3 format 89.5"x59.5" achieve a rating of HS-R35. XOX 1/4-1/2-1/4 format 119.5"x47.5" or 1/3-1/3-1/3 format 89.5"x47.5" achieve a rating of HS-R50. E1300 glass requirements may limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-79782.02-401-44 for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL10507_RO_C_CAC_190-461-CAR.pdf</a>  <a href="#">FL10507_RO_C_CAC_190-462-CAR.pdf</a>  <a href="#">FL10507_RO_C_CAC_190-463-CAR.pdf</a>  <a href="#">FL10507_RO_C_CAC_190-464-CAR.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      12/31/2011  <b>Installation Instructions</b>  <a href="#">FL10507_RO_II_79782-02-401-44.pdf</a>                      Verified By: Keystone Certifications, Inc.                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>



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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL10507-R1
Application Type	Revision
Code Version	2007
Application Status	Pending FBC Approval
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Robert Clark bclark@pgtindustries.com
Technical Representative	Robert Clark
Address/Phone/Email	1070 Technology Dr. Venice, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Horizontal Slider
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

AAMA/WDMA/CSA 101/I.S.2/A440

**Year**

2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

03/06/2009

Date Validated

03/06/2009

Date Pending FBC Approval

03/12/2009

**Summary of Products**

FL #	Model, Number or Name	Description
10507.1	HR-2110	Vinyl Horizontal Roller Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> XO or OX format 71.5"x59.5" achieves a rating of HS-R40, and 71.5"x47.5" achieves a rating of HS-R50. XOX 1/4-1/2-1/4 format 119.5"x59.5" or 1/3-1/3-1/3 format 89.5"x59.5" achieve a rating of HS-R35. XOX 1/4-1/2-1/4 format 119.5"x47.5" or 1/3-1/3-1/3 format 89.5"x47.5" achieve a rating of HS-R50. E1300 glass requirements may limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-79782.02-401-44 for additional information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL10507_R1_C_CAC_190-461-CAR.pdf</a>  <a href="#">FL10507_R1_C_CAC_190-462-CAR.pdf</a>  <a href="#">FL10507_R1_C_CAC_190-463-CAR.pdf</a>  <a href="#">FL10507_R1_C_CAC_190-464-CAR.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      12/31/2011  <b>Installation Instructions</b>  <a href="#">FL10507_R1_II_79782-02-401-44.pdf</a>                      Verified By: Keystone Certifications, Inc.                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
10507.2	HS 2310	PGT Vinyl Horizontal Roller Window Series HS-2310

**Limits of Use**

**Approved for use in HVHZ:** No  
**Approved for use outside HVHZ:** Yes  
**Impact Resistant:** No  
**Design Pressure:** N/A

**Other:** XO or OX format 72"x60" achieves a rating of HS-LC35, and 72"x54" achieves a rating of HS-LC50. XOX 1/4-1/2-1/4 format 108"x60" achieve a rating of HS-LC35. XOX 1/3-1/3-1/3 format 108"x60" achieve a rating of HS-LC40. XOX 1/4-1/2-1/4 format or 1/3-1/3-1/3 format 108"x54" achieve a rating of HS-LC50. E1300 glass requirements may limit product size or require glass upgrades to achieve full design pressures. Please see test report ATI-88823 for additional information.

**Certification Agency Certificate**

- [FL10507\\_R1\\_C\\_CAC\\_HS 2310 - Car - 480.pdf](#)
- [FL10507\\_R1\\_C\\_CAC\\_HS 2310 - Car - 481.pdf](#)
- [FL10507\\_R1\\_C\\_CAC\\_HS 2310 - Car - 482.pdf](#)
- [FL10507\\_R1\\_C\\_CAC\\_HS 2310 - Car - 483.pdf](#)
- [FL10507\\_R1\\_C\\_CAC\\_HS 2310 - Car - 484.pdf](#)
- [FL10507\\_R1\\_C\\_CAC\\_HS 2310 - Car - 485.pdf](#)

**Quality Assurance Contract Expiration Date**

02/16/2013

**Installation Instructions**

- [FL10507\\_R1\\_II\\_HS 2310 - Anchorage.pdf](#)
- [FL10507\\_R1\\_II\\_HS 2310 - ATI-88623.pdf](#)
- [FL10507\\_R1\\_II\\_HS 2310 - ATI-88823.pdf](#)

Verified By: Robert L Clark 39712  
 Created by Independent Third Party: No

**Evaluation Reports**

Created by Independent Third Party:

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**Product Approval**  
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL11296
Application Type	New
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Exterior Doors
Subcategory	Swinging Exterior Door Assemblies
Compliance Method	Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER  
 Validated By Miami-Dade BCCO - VAL

Referenced Standard and Year (of Standard) **Standard** **Year**  
 TAS 201, 202, 203 1994

Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 09/04/2008  
 Date Validated 09/05/2008  
 Date Pending FBC Approval 09/15/2008  
 Date Approved 10/14/2008

**Summary of Products**

FL #	Model, Number or Name	Description
11296.1	ST-3550 (Large Missile Impact)	Storefront Entrance Door - Inswing
<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> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0620.03 for product performance information, anchorage details, and anchor type, size, and spacing information.		<b>Certification Agency Certificate</b> <a href="#">FL11296_RO_C_CAC_3550-Inswing-LM-08-0620-03.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 04/26/2012 <b>Installation Instructions</b> <a href="#">FL11296_RO_II_3550-Inswing-LM-08-0620-03.pdf</a> Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
11296.2	ST-3550 (Large Missile Impact)	Storefront Entrance Door - Outswing

<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0620.06 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL11296_RO_C_CAC_3550-Outswing-LM-08-0620-06.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/10/2010  <b>Installation Instructions</b>  <a href="#">FL11296_RO_II_3550-Outswing-LM-08-0620-06.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
11296.3	TER-3050 (Large Missile Impact)	Architectural Series Outswing Aluminum Terrace Entry Door
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0620.01 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL11296_RO_C_CAC_3050-LM-08-0620-01.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      03/24/2010  <b>Installation Instructions</b>  <a href="#">FL11296_RO_II_3050-LM-08-0620-01.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
11296.4	TER-3050 (Small Missile Impact)	Architectural Series Outswing Aluminum Terrace Entry Door
<p><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> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0620.02 for product performance information, anchorage details, and anchor type, size, and spacing information.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL11296_RO_C_CAC_3050-SM-08-0620-02.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      11/03/2010  <b>Installation Instructions</b>  <a href="#">FL11296_RO_II_3050-SM-08-0620-02.pdf</a>                      Verified By: Miami-Dade BCCO - CER                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

[Back](#) [Next](#)



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**Product Approval**  
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL11297
Application Type	New
Code Version	2007
Application Status	Approved
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Panel Walls
Subcategory	Storefronts
Compliance Method	Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER  
 Validated By Miami-Dade BCCO - VAL

Referenced Standard and Year (of Standard) **Standard** **Year**  
 TAS 201, 202, 203 1994

Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 09/04/2008  
 Date Validated 09/05/2008  
 Date Pending FBC Approval 09/15/2008  
 Date Approved 10/14/2008

**Summary of Products**

FL #	Model, Number or Name	Description
11297.1	WS-3500 (Large Missile Impact)	Storefront Window Wall System
<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> Please see Miami-Dade County Notice of Acceptance (NOA) #08-0620.04 for product performance information, anchorage details, and anchor type, size, and spacing information.		<b>Certification Agency Certificate</b> <a href="#">FL11297_RO_C_CAC_3500-LM-08-0620-04.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 05/20/2009 <b>Installation Instructions</b> <a href="#">FL11297_RO_II_3500-LM-08-0620-04.pdf</a> Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
11297.2	WS-3500 (Small Missile Impact)	Storefront Window Wall System

**Limits of Use**

**Approved for use in HVHZ:** Yes

**Approved for use outside HVHZ:** Yes

**Impact Resistant:** Yes

**Design Pressure:** N/A

**Other:** Please see Miami-Dade County Notice of Acceptance (NOA) #08-0620.05 for product performance information, anchorage details, and anchor type, size, and spacing information.

**Certification Agency Certificate**

[FL11297\\_RO\\_C\\_CAC\\_3500-SM-08-0620-05.pdf](#)

**Quality Assurance Contract Expiration Date**

11/15/2012

**Installation Instructions**

[FL11297\\_RO\\_II\\_3500-SM-08-0620-05.pdf](#)

Verified By: Miami-Dade BCCO - CER

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**Evaluation Reports**

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DCA Administration

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## Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #	FL12247
Application Type	New
Code Version	2007
Application Status	Pending FBC Approval
Comments	
Archived	
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Authorized Signature	Robert Clark bclark@pgtindustries.com
Technical Representative	Robert Clark
Address/Phone/Email	1070 Technology Dr. Venice, FL 34275 (941) 480-1600 Ext 21106 bclark@pgtindustries.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Projected
Compliance Method	Certification Mark or Listing

Certification Agency  
Validated By

Keystone Certifications, Inc.  
Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)

**Standard**

AAMA/WDMA/CSA 101/I.S.2/A440

**Year**

2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

03/04/2009

Date Validated

03/06/2009

Date Pending FBC Approval

03/11/2009

**Summary of Products**

FL #	Model, Number or Name	Description
12247.1	CA 640 Projected (Fin)	Aluminum Projected Fin Window
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +60/-60  <b>Other:</b> X format single units 59x37 3/8 achieve a rating of AP-R60. Please see test report ATI-88226 for additional information. Glass limitations may lower design pressures or require glass upgrades to achieve full design pressure.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL12247_RO_C_CAC_CA640 - CAR -491.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/25/2013  <b>Installation Instructions</b>  <a href="#">FL12247_RO_II_CA640 - ATI-88226.pdf</a>  <a href="#">FL12247_RO_II_CA640 - P - Anchorage.pdf</a>                      Verified By: Robert Clark 39712                      Created by Independent Third Party: No  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>

[Back](#) [Next](#)