	Document Title: <b>Impact Performance Certification Authorization Report</b>	Doc No: <b>FRM B1-43</b>	
		Rev No: <b>3</b>	Page: <b>1</b> Of: <b>1</b>
Required By: <b>PRO B1-03</b>			

CAR & Product ID Number: 190 - 289

Issue Date: 01/08/2015

Revision Date: 01/08/2015

Expiration Date: 12/11/2018

Company Code: 190

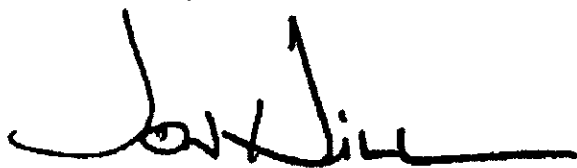
This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review of the product qualification documents for the product named below. This report is only valid when signed by an officer of KCI, and indicates the product as manufactured by the company named below has been tested and meets the requirements of the referenced standard and is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at [www.keystonecerts.com](http://www.keystonecerts.com).

<b>Licensee Information:</b>	<b>Product Information:</b>
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model: HR5510 PVC Impact Horizontal Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG Max Width: 75 Max Height: 72 Corresponding Structural CARs: 190-1046.0

<b>Referenced Standard:</b>	<b>Product Rating:</b>
ASTM E1886-05/E1996-12	Missile Level D, Wind Zone 4, DP=+/-50, 75x72 XO

<b>Qualifying Test Information:</b>	
Test Report No:	FTL-8036/8037/8038/8133
Test Report Expiration:	12/11/2018

**Authorized Signature:**




**Keystone Certifications, Inc.**

564 Old York Road, Suite 5

Etters, Pennsylvania 17319

Phone: 717-932-8500

Fax: 717-932-8501

	Document Title: <b>Impact Performance  Certification  Authorization Report</b>	Doc No:	<b>FRM B1-43</b>	
		Rev No:	3	Page:
Required By: PRO B1-03				

CAR & Product ID Number: 190 - 290

Issue Date: 01/08/2015

Revision Date: 01/20/2015

Expiration Date: 12/11/2018

Company Code: 190

This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review of the product qualification documents for the product named below. This report is only valid when signed by an officer of KCI, and indicates the product as manufactured by the company named below has been tested and meets the requirements of the referenced standard and is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at [www.keystonecerts.com](http://www.keystonecerts.com).

<b>Licensee Information:</b>	<b>Product Information:</b>
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model: HR5510 PVC Impact Horizontal Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG (Ann Cap) Max Width: 75 Max Height: 63 Corresponding Structural CARs: 190-1074.0

<b>Referenced Standard:</b>	<b>Product Rating:</b>
ASTM E1886-05/E1996-12	Missile Level D, Wind Zone 4, DP=+/-60, 75x63 XO

<b>Qualifying Test Information:</b>	
Test Report No:	FTL-8040/8041/8042
Test Report Expiration:	12/11/2018

**Authorized Signature:**




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	Document Title: <b>Impact Performance  Certification  Authorization Report</b>	Doc No: <b>FRM B1-43</b>	
		Rev No: 3	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 291  
Issue Date: 01/08/2015  
Revision Date: 01/08/2015  
Expiration Date: 12/11/2018  
Company Code: 190

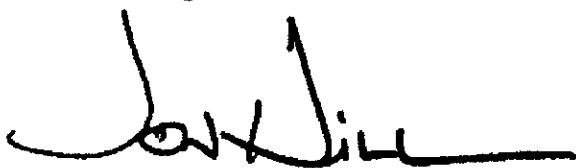
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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model: HR5510 PVC Impact Horizontal Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG Max Width: 75 Max Height: 63 Corresponding Structural CARs: 190-1047.0


Referenced Standard:	Product Rating:
ASTM E1886-05/E1996-12	Missile Level D, Wind Zone 4, DP=+65/-70, 75x63 XO

Qualifying Test Information:	
Test Report No:	FTL-8040/8041/8042
Test Report Expiration:	12/11/2018

Authorized Signature:



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564 Old York Road, Suite 5  
Etters, Pennsylvania 17319  
Phone: 717-932-8500  
Fax: 717-932-8501

	Document Title: <b>Impact Performance Certification Authorization Report</b>	Doc No: <b>FRM B1-43</b>	
		Rev No: 3	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 292

Issue Date: 01/08/2015

Revision Date: 01/08/2015

Expiration Date: 12/16/2018

Company Code: 190

This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review of the product qualification documents for the product named below. This report is only valid when signed by an officer of KCI, and indicates the product as manufactured by the company named below has been tested and meets the requirements of the referenced standard and is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at [www.keystonecerts.com](http://www.keystonecerts.com).

Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model: HR5510 PVC Impact Horizontal Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG Max Width: 75 Max Height: 63 Corresponding Structural CARs: 190-1048.0

Referenced Standard:	Product Rating:
ASTM E1886-05/E1996-12	Missile Level D, Wind Zone 4, DP=+/-50, 75x63 XO

Qualifying Test Information:	
Test Report No:	FTL-8044/8045/8046
Test Report Expiration:	12/16/2018

Authorized Signature:




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Phone: 717-932-8500

Fax: 717-932-8501

	Document Title: <b>Impact Performance  Certification  Authorization Report</b>	Doc No:	<b>FRM B1-43</b>		
		Rev No:	3	Page:	1
Required By: PRO B1-03					

CAR & Product ID Number: 190 - 295  
Issue Date: 01/13/2015  
Revision Date: 01/13/2015  
Expiration Date: 12/16/2018  
Company Code: 190

This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review of the product qualification documents for the product named below. This report is only valid when signed by an officer of KCI, and indicates the product as manufactured by the company named below has been tested and meets the requirements of the referenced standard and is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at [www.keystonecerts.com](http://www.keystonecerts.com).

Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG (3/16" Ann Cap Max Width: 120 Max Height: 63 Corresponding Structural CARs: 190-1051.0


Referenced Standard:	Product Rating:
ASTM E1886-05/E1996-12	Missile Level D, Wind Zone 4, DP=+/-65, 120x63 XOX

Qualifying Test Information:	
Test Report No:	FTL-8050
Test Report Expiration:	12/16/2018

Authorized Signature:



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Etters, Pennsylvania 17319  
Phone: 717-932-8500  
Fax: 717-932-8501

	Document Title: <b>Impact Performance Certification Authorization Report</b>	Doc No:	<b>FRM B1-43</b>	
		Rev No:	3	Page:
Required By: PRO B1-03				

CAR & Product ID Number: 190 - 296

Issue Date: 01/13/2015

Revision Date: 01/13/2015

Expiration Date: 12/16/2018

Company Code: 190

This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review of the product qualification documents for the product named below. This report is only valid when signed by an officer of KCI, and indicates the product as manufactured by the company named below has been tested and meets the requirements of the referenced standard and is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at [www.keystonecerts.com](http://www.keystonecerts.com).

Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG Max Width: 120 Max Height: 63 Corresponding Structural CARs: 190-1052.0

Referenced Standard:	Product Rating:
ASTM E1886-05/E1996-12	Missile Level D, Wind Zone 4, DP=+65/-70, 120x63 XOX

Qualifying Test Information:	
Test Report No:	FTL-8050
Test Report Expiration:	12/16/2018

Authorized Signature:




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	Document Title: <b>Impact Performance  Certification  Authorization Report</b>	Doc No:	<b>FRM B1-43</b>	
		Rev No:	3	Page:
Required By: PRO B1-03				

CAR & Product ID Number: 190 - 297

Issue Date: 01/13/2015

Revision Date: 01/13/2015

Expiration Date: 12/16/2018

Company Code: 190

This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review of the product qualification documents for the product named below. This report is only valid when signed by an officer of KCI, and indicates the product as manufactured by the company named below has been tested and meets the requirements of the referenced standard and is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at [www.keystonecerts.com](http://www.keystonecerts.com).

Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG (Ann Cap) Max Width: 120 Max Height: 63 Corresponding Structural CARs: 190-1053.0

Referenced Standard:	Product Rating:
ASTM E1886-05/E1996-12	Missile Level D, Wind Zone 4, DP=+/-45, 120x63 XOX

Qualifying Test Information:	
Test Report No:	FTL-8052/8053
Test Report Expiration:	12/16/2018

Authorized Signature:




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		Rev No: <b>4</b>	Page: <b>1</b> Of: <b>1</b>
Required By: <b>PRO B1-03</b>			

CAR & Product ID Number: 190 - 298

Issue Date: 1/13/2015

Revision Date: 1/22/2015

Expiration Date: 12/16/2018

Company Code: 190

This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review, and is based on a standardized evaluation of the product conducted by an independent accredited laboratory in accordance with the specified referenced standard. Actual fenestration product performance may vary based on many factors, including installation, condition of the wall/roof substrate and the age of the product and installation components.

This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at [www.keystonecerts.com](http://www.keystonecerts.com).

<b>Licensee Information:</b>	<b>Product Information:</b>
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis FL 34274	Model: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG Max Width: 120 Max Height: 63 Corresponding Structural CARs: 190-1054.0

<b>Referenced Standard:</b>	<b>Product Rating:</b>
ASTM E1886-05/E1996-12	Missile Level D, Wind Zone 4, DP=+/-50, 120x63 XOX

<b>Qualifying Test Information:</b>	
Test Report No:	FTL-8052/8053
Test Report Expiration:	12/16/2018

**Authorized Signature:**

*St 2 21*

Digitally signed by Steven M. Urich  
DN: cn=Steven M. Urich, o=Keystone  
Certifications, Inc., ou,  
email=surich@keystonecerts.com, c=US  
Date: 2015.01.22 10:22:02 -05'00'

**Keystone Certifications, Inc.**


564 Old York Road, Suite 5

Etters, Pennsylvania 17319

Phone: 717-932-8500

Fax: 717-932-8501



	Document Title: <b>Structural Performance Certification Authorization Report</b>	Doc No: <b>FRM B1-02</b>		
		Rev No: <b>6</b>	Page: <b>1</b>	Of: <b>1</b>
Required By: <b>PRO B1-03</b>				

CAR & Product ID Number: 190 - 1046  
Issue Date: 01/08/2015  
Revision Date: 01/08/2015  
Expiration Date: 12/11/2018  
Licensee Code: 190

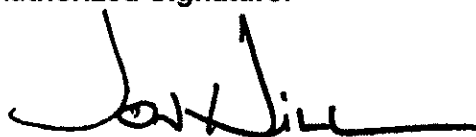
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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model Name: HR5510 PVC Impact Horizontal Slider XO Operator Type: HS Configuration: EM/All, GS-5/16" Ann Lami IG Max. Width: 75 Max. Height: 72


Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/I.S.2/A440-11	Class LC-PG50 1905x1829 (75x72)-Type HS WTP=9.75

Qualifying Test Information:	
Test Report No:	FTL-8035
Test Report Expiration:	12/11/2018

Authorized Signature:



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564 Old York Road, Suite 5  
Etters, Pennsylvania 17319  
Phone: 717-932-8500  
Fax: 717-932-8501

	Document Title: <b>Structural Performance  Certification  Authorization Report</b>	Doc No: <b>FRM B1-02</b>	
		Rev No: <b>6</b>	Page: <b>1</b> Of: <b>1</b>
Required By: <b>PRO B1-03</b>			

CAR & Product ID Number: 190 - 1047  
Issue Date: 01/08/2015  
Revision Date: 01/08/2015  
Expiration Date: 12/11/2018  
Licensee Code: 190

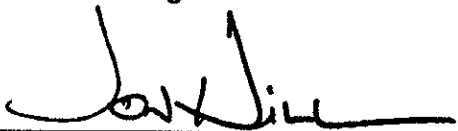
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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model Name: HR5510 PVC Impact Horizontal Slider XO Operator Type: HS Configuration: EM/All, GS-5/16" Ann Lami IG Max. Width: 75 Max. Height: 63


Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/I.S.2/A440-11	Class LC-PG65 1905x1600 (75x63)-Type HS Neg DP=70

Qualifying Test Information:	
Test Report No:	FTL-8039
Test Report Expiration:	12/11/2018

Authorized Signature:



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Phone: 717-932-8500  
Fax: 717-932-8501

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		Rev No: <b>6</b>	Page: <b>1</b> Of: <b>1</b>
Required By: <b>PRO B1-03</b>			

CAR & Product ID Number: 190 - 1048  
Issue Date: 01/08/2015  
Revision Date: 01/08/2015  
Expiration Date: 12/16/2018  
Licensee Code: 190

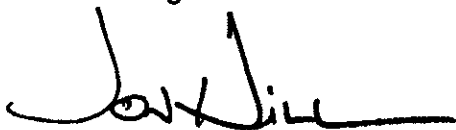
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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model Name: HR5510 PVC Impact Horizontal Slider XO Operator Type: HS Configuration: EM/All, GS-5/16" Ann Lami IG Max. Width: 75 Max. Height: 63


Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/I.S.2/A440-11	Class LC-PG50 1905x1600 (75x63)-Type HS WTP=9.75

Qualifying Test Information:	
Test Report No:	FTL-8043
Test Report Expiration:	12/16/2018

Authorized Signature:



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Etters, Pennsylvania 17319  
Phone: 717-932-8500  
Fax: 717-932-8501

	Document Title: <b>Structural Performance  Certification  Authorization Report</b>	Doc No: <b>FRM B1-02</b>	
		Rev No: 6	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 1051  
Issue Date: 01/12/2015  
Revision Date: 01/12/2015  
Expiration Date: 12/16/2018  
Licensee Code: 190

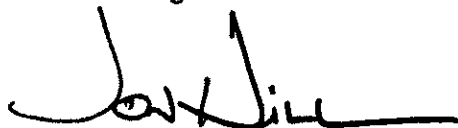
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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model Name: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider XOX Operator Type: HS Configuration: EM/All, GS-5/16" Ann Lami IG Max. Width: 120 Max. Height: 63


Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/I.S.2/A440-11	Class LC-PG65 3048x1600 (120x63)-Type HS

Qualifying Test Information:	
Test Report No:	FTL-8049
Test Report Expiration:	12/16/2018

Authorized Signature:



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Phone: 717-932-8500  
Fax: 717-932-8501

	Document Title: <b>Structural Performance  Certification  Authorization Report</b>	Doc No:	<b>FRM B1-02</b>		
		Rev No:	6	Page:	1
Required By: PRO B1-03					

CAR & Product ID Number: 190 - 1052  
Issue Date: 01/12/2015  
Revision Date: 01/12/2015  
Expiration Date: 12/16/2018  
Licensee Code: 190

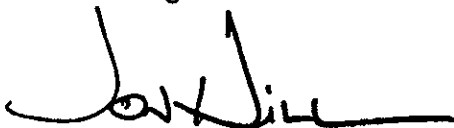
This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review of the product specification documents for the product named below. This report is only valid when signed by an officer of KCI, and indicates the product as manufactured by the company named below has been tested and meets the requirements of the referenced standard and is eligible for the application of Keystone Certification Program certification labels. The licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at [www.keystonecerts.com](http://www.keystonecerts.com).

Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model Name: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider XOX Operator Type: HS Configuration: EM/All, GS-5/16" Ann Lami IG Max. Width: 120 Max. Height: 63

Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/I.S.2/A440-11	Class LC-PG65 3048x1600 (120x63)-Type HS Neg DP=70


Qualifying Test Information:	
Test Report No:	FTL-8049
Test Report Expiration:	12/16/2018

Authorized Signature:



**Keystone Certifications, Inc.**

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Etters, Pennsylvania 17319  
Phone: 717-932-8500  
Fax: 717-932-8501

	Document Title: <b>Structural Performance  Certification  Authorization Report</b>	Doc No: <b>FRM B1-02</b>	
		Rev No: 6	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 1053  
Issue Date: 01/13/2015  
Revision Date: 01/13/2015  
Expiration Date: 12/16/2018  
Licensee Code: 190

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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model Name: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider XOX Operator Type: HS Configuration: EM/All, GS-5/16" Ann Lami IG Max. Width: 120 Max. Height: 63


Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/I.S.2/A440-11	Class LC-PG45 3048x1600 (120x63)-Type HS WTP=9.75

Qualifying Test Information:	
Test Report No:	FTL-8051
Test Report Expiration:	12/16/2018

Authorized Signature:



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564 Old York Road, Suite 5  
Etters, Pennsylvania 17319  
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		Rev No: 6	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 1054  
Issue Date: 01/13/2015  
Revision Date: 01/13/2015  
Expiration Date: 12/16/2018  
Licensee Code: 190

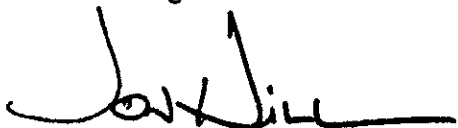
This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review of the product specification documents for the product named below. This report is only valid when signed by an officer of KCI, and indicates the product as manufactured by the company named below has been tested and meets the requirements of the referenced standard and is eligible for the application of Keystone Certification Program certification labels. The licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at [www.keystonecerts.com](http://www.keystonecerts.com).

Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model Name: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider XOX Operator Type: HS Configuration: EM/All, GS-5/16" Ann Lami IG Max. Width: 120 Max. Height: 63

Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/I.S.2/A440-11	Class LC-PG50 3048x1600 (120x63)-Type HS WTP=9.75


Qualifying Test Information:	
Test Report No:	FTL-8051
Test Report Expiration:	12/16/2018

Authorized Signature:



**Keystone Certifications, Inc.**

564 Old York Road, Suite 5  
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Phone: 717-932-8500  
Fax: 717-932-8501

	Document Title: <b>Structural Performance  Certification  Authorization Report</b>	Doc No: <b>FRM B1-02</b>	
		Rev No: 6	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 1074  
Issue Date: 01/20/2015  
Revision Date: 01/20/2015  
Expiration Date: 12/11/2018  
Licensee Code: 190

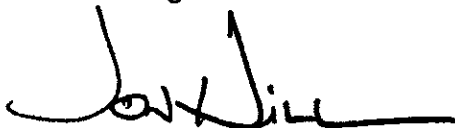
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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis, FL 34274	Model Name: HR5510 PVC Impact Horizontal Slider XO Operator Type: HS Configuration: EM/All, GS-5/16" Ann Lami IG Max. Width: 75 Max. Height: 63

Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/I.S.2/A440-11	Class LC-PG60 1905x1600 (75x63)-Type HS

Qualifying Test Information:	
Test Report No:	FTL-8039
Test Report Expiration:	12/11/2018

Authorized Signature:



**Keystone Certifications, Inc.**

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