	Document Title:	Doc No:	FRM B1-43	
	<p align="center">Impact Performance Certification Authorization Report</p>	Rev No: 4	Page: 1	Of: 1
Required By: PRO B1-03				

CAR & Product ID Number: 190 - 289
 Issue Date: 1/8/2015
 Revision Date: 5/24/2021
 Expiration Date: 12/11/2024
 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.

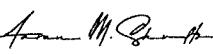

This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization.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

Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	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


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

Qualifying Test Information:	
Test Report No:	FTL-8036/8037/8038/8133
Test Report Expiration:	12/11/2024

Authorized Signature:

Aaron Shultz
 07:37:27 2021.05.24  
 '00'04-

Keystone Certifications, Inc.
 145 Limekiln Rd., Suite 100B
 New Cumberland, Pennsylvania 17070
 Phone: 717-932-8500
 Fax: 717-932-8501

	Document Title: Impact Performance Certification Authorization Report	Doc No: FRM B1-43		
		Rev No: 4	Page: 1	Of: 1
Required By: PRO B1-03				

CAR & Product ID Number: 190 - 290
Issue Date: 1/8/2015
Revision Date: 5/24/2021
Expiration Date: 12/11/2024
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.

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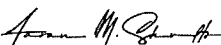

Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Model: HR5510 PVC Impact Horizontal Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG (Ann Cap) Max Width: 75 Max Height: 63 Corresponding Structural CARs: 190-1074.0

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


Qualifying Test Information:	
Test Report No:	FTL-8040/8041/8042
Test Report Expiration:	12/11/2024

Authorized Signature:

Aaron Shultz
07:39:18 2021.05.24
'00'04-

Keystone Certifications, Inc.
145 Limekiln Rd., Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
Fax: 717-932-8501

	Document Title: Impact Performance Certification Authorization Report	Doc No: FRM B1-43	
		Rev No: 4	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 291
Issue Date: 1/8/2015
Revision Date: 5/24/2021
Expiration Date: 12/11/2024
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.

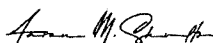

This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization.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

Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	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:	12/11/2024

Authorized Signature:

Aaron Shultz
07:40:59 2021.05.24  
'00'04-

Keystone Certifications, Inc.
145 Limekiln Rd., Suite 100B
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	Document Title:	Doc No:	FRM B1-43	
	<p align="center">Impact Performance Certification Authorization Report</p>	Rev No: 4	Page: 1	Of: 1
Required By: PRO B1-03				

CAR & Product ID Number: 190 - 292
 Issue Date: 1/8/2015
 Revision Date: 6/18/2021
 Expiration Date: 12/16/2024
 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.

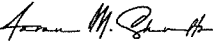

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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Model: HR5510 PVC Impact Horizontal Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG Max Width: 75 Max Height: 63 Corresponding 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:	12/16/2024

Authorized Signature:

Aaron Shultz
 09:48:17 2021.06.18  
 '00'04-

Keystone Certifications, Inc.
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	Document Title: Impact Performance Certification Authorization Report	Doc No: FRM B1-43	
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Required By: PRO B1-03			

CAR & Product ID Number: 190 - 295
Issue Date: 1/13/2015
Revision Date: 5/24/2021
Expiration Date: 12/16/2024
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.

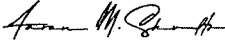

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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Model: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG (3/16" Ann Cap) Max Width: 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:	12/16/2024

Authorized Signature:

Aaron Shultz
07:45:42 2021.05.24  
'00'04-

Keystone Certifications, Inc.
145 Limekiln Rd., Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
Fax: 717-932-8501

	Document Title: Impact Performance Certification Authorization Report	Doc No: FRM B1-43
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Required By: PRO B1-03		

CAR & Product ID Number: 190 - 296
Issue Date: 1/13/2015
Revision Date: 5/24/2021
Expiration Date: 12/16/2024
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.

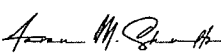

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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Model: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG Max Width: 120 Max Height: 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:	12/16/2024

Authorized Signature:

Aaron Shultz
07:47:32 2021.05.24  
'00'04-

Keystone Certifications, Inc.
145 Limekiln Rd., Suite 100B
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Phone: 717-932-8500
Fax: 717-932-8501

	Document Title: Impact Performance Certification Authorization Report	Doc No: FRM B1-43	
		Rev No: 4	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 297
Issue Date: 1/13/2015
Revision Date: 5/24/2021
Expiration Date: 12/16/2024
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.

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Licensee Information: PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Product Information: 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
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Referenced Standard: ASTM E1886-05/E1996-12	Product Rating: Missile Level D, Wind Zone 4, DP=+/-45, 120x63 XOX
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Qualifying Test Information:	
Test Report No:	FTL-8052/8053
Test Report Expiration:	12/16/2024

Authorized Signature:

Aaron Shultz

07:49:14 2021.05.24

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Keystone Certifications, Inc.

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Phone: 717-932-8500

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	Document Title:	Doc No:	FRM B1-43	
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Required By: PRO B1-03				

CAR & Product ID Number: 190 - 298
 Issue Date: 1/13/2015
 Revision Date: 5/24/2021
 Expiration Date: 12/16/2024
 Company Code: 190

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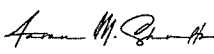

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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Model: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider Operator Type: HS Config: EM/All/Clip, GS-5/16" Ann Lami IG Max Width: 120 Max Height: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


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

Qualifying Test Information:	
Test Report No:	FTL-8052/8053
Test Report Expiration:	12/16/2024

Authorized Signature:

Aaron Shultz
 07:51:08 2021.05.24  
 '00'04-

Keystone Certifications, Inc.
 145 Limekiln Rd., Suite 100B
 New Cumberland, Pennsylvania 17070
 Phone: 717-932-8500
 Fax: 717-932-8501

	Document Title:	Doc No:	FRM B1-02	
	Structural Performance Certification Authorization Report	Rev No: 7	Page: 1	Of: 1
Required By: PRO B1-03				

CAR & Product ID Number: 190 - 1047.0
Issue Date: 1/8/2015
Revision Date: 5/24/2021
Expiration Date: 12/11/2024
Company Code: 190

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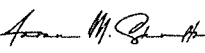

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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Model: HR5510 PVC Impact Horizontal Slider XO Operator Type: HS Config: EM/All, GS-5/16" Ann Lami IG Max Width: 75 Max Height: 63


Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/IS2/A440-11	Class LC-PG65 1905x1600 (75x63)-Type HS Neg DP=70

Qualifying Test Information:	
Test Report No:	FTL-8039
Test Report Expiration:	12/11/2024

Authorized Signature:

Aaron Shultz
07:23:42 2021.05.24  
'00'04-

Keystone Certifications, Inc.
145 Limekiln Rd. Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
Fax: 717-932-8501

	Document Title: Structural Performance Certification Authorization Report	Doc No: FRM B1-02	
		Rev No: 7	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 1048.0
Issue Date: 1/8/2015
Revision Date: 5/24/2021
Expiration Date: 12/16/2024
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.

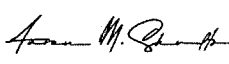

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Licensee Information: PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Product Information: Model: HR5510 PVC Impact Horizontal Slider XO Operator Type: HS Config: EM/All, GS-5/16" Ann Lami IG Max Width: 75 Max Height: 63
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Referenced Standard: AAMA/WDMA/CSA 101/IS2/A440-11	Product Rating: Class LC-PG50 1905x1600 (75x63)-Type HS WTP=9.75
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Qualifying Test Information:	
Test Report No:	FTL-8043
Test Report Expiration:	12/16/2024

Authorized Signature:

Aaron Shultz  
'00'04- 07:25:38 2021.05.24

Keystone Certifications, Inc.
145 Limekiln Rd. Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
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	Document Title: Structural Performance Certification Authorization Report	Doc No: FRM B1-02		
		Rev No: 7	Page: 1	Of: 1
Required By: PRO B1-03				

CAR & Product ID Number: 190 - 1051.0
Issue Date: 1/12/2015
Revision Date: 5/24/2021
Expiration Date: 12/16/2024
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.

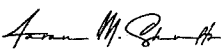

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Licensee Information: PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Product Information: Model: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider XOX Operator Type: HS Config: EM/All, GS-5/16" Ann Lami IG Max Width: 120 Max Height: 63
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Referenced Standard: AAMA/WDMA/CSA 101/IS2/A440-11	Product Rating: Class LC-PG65 3048x1600 (120x63)-Type HS
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Qualifying Test Information:	
Test Report No:	FTL-8049
Test Report Expiration:	12/16/2024

Authorized Signature:

Aaron Shultz
07:27:44 2021.05.24  
'00'04-

Keystone Certifications, Inc.
145 Limekiln Rd. Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
Fax: 717-932-8501

	Document Title:	Doc No: FRM B1-02	
	Structural Performance Certification Authorization Report	Rev No: 7	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 1052.0
Issue Date: 1/12/2015
Revision Date: 5/24/2021
Expiration Date: 12/16/2024
Company Code: 190

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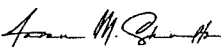

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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Model: HR5510 PVC 1/4-1/2-1/4 Impact Horiz Slider XOX Operator Type: HS Config: EM/All, GS-5/16" Ann Lami IG Max Width: 120 Max Height: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


Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/IS2/A440-11	Class LC-PG65 3048x1600 (120x63)-Type HS Neg DP=70

Qualifying Test Information:	
Test Report No:	FTL-8049
Test Report Expiration:	12/16/2024

Authorized Signature:

Aaron Shultz
07:29:32 2021.05.24  
'00'04-

Keystone Certifications, Inc.
145 Limekiln Rd. Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
Fax: 717-932-8501

	Document Title:	Doc No: FRM B1-02	
	Structural Performance Certification Authorization Report	Rev No: 7	Page: 1 Of: 1
Required By: PRO B1-03			

CAR & Product ID Number: 190 - 1053.0
 Issue Date: 1/13/2015
 Revision Date: 5/24/2021
 Expiration Date: 12/16/2024
 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.

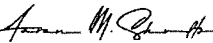

This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization.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

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


Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/IS2/A440-11	Class LC-PG45 3048x1600 (120x63)-Type HS WTP=9.75

Qualifying Test Information:	
Test Report No:	FTL-8051
Test Report Expiration:	12/16/2024

Authorized Signature:

Aaron Shultz
 07:31:28 2021.05.24  
 '00'04-

Keystone Certifications, Inc.
 145 Limekiln Rd. Suite 100B
 New Cumberland, Pennsylvania 17070
 Phone: 717-932-8500
 Fax: 717-932-8501

	Document Title: Structural Performance Certification Authorization Report	Doc No: FRM B1-02		
		Rev No: 7	Page: 1	Of: 1
Required By: PRO B1-03				

CAR & Product ID Number: 190 - 1054.0
Issue Date: 1/13/2015
Revision Date: 5/24/2021
Expiration Date: 12/16/2024
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.

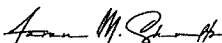

This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization.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

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


Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/IS2/A440-11	Class LC-PG50 3048x1600 (120x63)-Type HS WTP=9.75

Qualifying Test Information:	
Test Report No:	FTL-8051
Test Report Expiration:	12/16/2024

Authorized Signature:

Aaron Shultz
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Keystone Certifications, Inc.
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	Document Title: Structural Performance Certification Authorization Report	Doc No: FRM B1-02		
		Rev No: 7	Page: 1	Of: 1
Required By: PRO B1-03				

CAR & Product ID Number: 190 - 1074.0
Issue Date: 1/20/2015
Revision Date: 5/24/2021
Expiration Date: 12/11/2024
Company Code: 190

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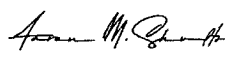

Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA	Model: HR5510 PVC Impact Horizontal Slider XO Operator Type: HS Config: EM/All, GS-5/16" Ann Lami IG Max Width: 75 Max Height: 63

Referenced Standard:	Product Rating:
AAMA/WDMA/CSA 101/IS2/A440-11	Class LC-PG60 1905x1600 (75x63)-Type HS

Qualifying Test Information:	
Test Report No:	FTL-8039
Test Report Expiration:	12/11/2024

Authorized Signature:

Aaron Shultz
'00'04- 07:35:36 2021.05.24

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