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|  | 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 - 279
Issue Date: 10/2/2014
Revision Date: 5/24/2021
Expiration Date: 8/12/2024
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: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-7/16" HS Lami IG Max Width: 84 Max Height: 72 Corresponding Structural CARs: 190-1012.0 |
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|---|---|
| Referenced Standard: ASTM E1886-05/E1996-12 | Product Rating: Missile Level D, Wind Zone 4, DP=+/-70, 84x72 |
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| Qualifying Test Information: | |
| Test Report No: | FTL-7893 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:

Aaron Shultz
08:52:20 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

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|---|---|--------------------------|---------------|
|  | 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 - 280
Issue Date: 10/3/2014
Revision Date: 5/24/2021
Expiration Date: 8/12/2024
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.

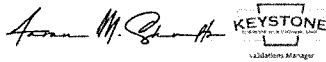
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| Licensee Information: | Product Information: |
|--|---|
| PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA | Model: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-5/16" Ann Lami IG Max Width: 75 Max Height: 48 Corresponding Structural CARs: 190-1013.0 |


| Referenced Standard: | Product Rating: |
|------------------------|---|
| ASTM E1886-05/E1996-12 | Missile Level D, Wind Zone 4, DP=+/-50, 75x48 |

| Qualifying Test Information: | |
|------------------------------|-----------|
| Test Report No: | FTL-7894 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:
Aaron Shultz
08:54:02 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

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|  | 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 - 281
 Issue Date: 11/7/2014
 Revision Date: 5/24/2021
 Expiration Date: 8/12/2024
 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.

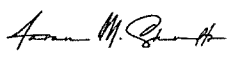

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| Licensee Information: | Product Information: |
|--|---|
| PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA | Model: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-7/16" Ann Lami IG (Ann Cap) Max Width: 84 Max Height: 54 Corresponding Structural CARs: 190-1019.0 |


| Referenced Standard: | Product Rating: |
|------------------------|---|
| ASTM E1886-05/E1996-12 | Missile Level D, Wind Zone 4, DP=+/-65, 84x54 |

| Qualifying Test Information: | |
|------------------------------|-----------|
| Test Report No: | FTL-7896 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:

Aaron Shultz
 08:55:53 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

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|---|---|-----------------------------------|
|  | 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 - 282
Issue Date: 11/7/2014
Revision Date: 5/24/2021
Expiration Date: 8/12/2024
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.

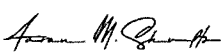

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| Licensee Information: | Product Information: |
|--|---|
| PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA | Model: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-5/16" Ann Lami IG Max Width: 36 Max Height: 72 Corresponding Structural CARs: 190-1014.0 |


| Referenced Standard: | Product Rating: |
|------------------------|---|
| ASTM E1886-05/E1996-12 | Missile Level D, Wind Zone 4, DP=+/-50, 36x72 |

| Qualifying Test Information: | |
|------------------------------|-----------|
| Test Report No: | FTL-7910 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:

Aaron Shultz
08:57:37 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

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|  | 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 - 283
Issue Date: 11/7/2014
Revision Date: 5/24/2021
Expiration Date: 8/12/2024
Company Code: 190

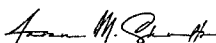
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|--|---|
| Licensee Information: PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA | Product Information: Model: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-7/16" HS Lami IG Max Width: 96 Max Height: 63 Corresponding Structural CARs: 190-1020.0 |
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| Referenced Standard: ASTM E1886-05/E1996-12 | Product Rating: Missile Level D, Wind Zone 4, DP=+/-70, 96x63 |
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| Qualifying Test Information: | |
| Test Report No: | FTL-7892/8096 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:
Aaron Shultz
08:59:28 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

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|  | 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 - 284
Issue Date: 11/11/2014
Revision Date: 5/24/2021
Expiration Date: 8/12/2024
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: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-7/16" Ann Lami IG Max Width: 84 Max Height: 54 Corresponding Structural CARs: 190-1019.0 |

| Referenced Standard: | Product Rating: |
|------------------------|---|
| ASTM E1886-05/E1996-12 | Missile Level D, Wind Zone 4, DP=+/-70, 84x54 |

| Qualifying Test Information: | |
|------------------------------|-----------|
| Test Report No: | FTL-7896 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:

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

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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 - 1012.0
Issue Date: 10/2/2014
Revision Date: 5/24/2021
Expiration Date: 8/12/2024
Company Code: 190

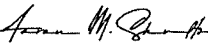

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| Licensee Information: PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA | Product Information: Model: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-7/16" HS Lami IG Max Width: 84 Max Height: 72 |
| Referenced Standard: AAMA/WDMA/CSA 101/IS2/A440-11 | Product Rating: Class CW-PG70 1226x1829 (84x72)-Type FW |

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| Qualifying Test Information: | |
| Test Report No: | FTL-7893 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:

Aaron Shultz
08:43:11 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

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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 - 1013.0
Issue Date: 10/3/2014
Revision Date: 5/24/2021
Expiration Date: 8/12/2024
Company Code: 190

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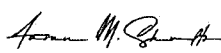

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| Licensee Information: PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA | Product Information: Model: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-5/16" Ann Lami IG Max Width: 75 Max Height: 48 |
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| Referenced Standard: AAMA/WDMA/CSA 101/IS2/A440-11 | Product Rating: Class CW-PG50 1905x1226* (75x48*)-Type FW WTP=10.5 |
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| Qualifying Test Information: | |
| Test Report No: | FTL-7894 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:

Aaron Shultz
08:44:54 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

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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 - 1014.0
Issue Date: 10/6/2014
Revision Date: 5/24/2021
Expiration Date: 8/12/2024
Company Code: 190

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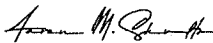

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| Licensee Information: | Product Information: |
| PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA | Model: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-5/16" Ann Lami IG Max Width: 36 Max Height: 72 |


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| Referenced Standard: | Product Rating: |
| AAMA/WDMA/CSA 101/IS2/A440-11 | Class CW-PG50 914x1829* (36x72*)-Type FW WTP=10.5 |

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|-------------------------------------|-----------|
| Qualifying Test Information: | |
| Test Report No: | FTL-7910 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:

Aaron Shultz
08:46:37 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

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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 - 1019.0
Issue Date: 11/7/2014
Revision Date: 5/24/2021
Expiration Date: 8/12/2024
Company Code: 190

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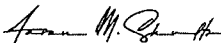

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| Licensee Information: PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA | Product Information: Model: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-7/16" Ann Lami IG Max Width: 84 Max Height: 54 |
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| Referenced Standard: AAMA/WDMA/CSA 101/IS2/A440-11 | Product Rating: Class CW-PG70 2134x1372* (84x54*)-Type FW |
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| Qualifying Test Information: | |
| Test Report No: | FTL-7896 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:

Aaron Shultz
08:48:36 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

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|  | 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 - 1020.0
 Issue Date: 11/7/2014
 Revision Date: 5/24/2021
 Expiration Date: 8/12/2024
 Company Code: 190

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| | |
|--|---|
| Licensee Information: | Product Information: |
| PGT Industries 1070 Technology Dr., PO Box 1529 Nokomis, FL 34274 USA | Model: 5520/5540 PVC Imp Fixed Operator Type: FW Config: No, GS-7/16" HS Lami IG Max Width: 96 Max Height: 63 |

| | |
|-------------------------------|---|
| Referenced Standard: | Product Rating: |
| AAMA/WDMA/CSA 101/IS2/A440-11 | Class CW-PG70 2438x1600 (96x63)-Type FW |

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| Qualifying Test Information: | |
| Test Report No: | FTL-7892/8166 |
| Test Report Expiration: | 8/12/2024 |

Authorized Signature:

Aaron Shultz
 08:50:21 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