	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 - 1075.0

Issue Date: 2/17/2015

Revision Date: 2/17/2015

Expiration Date: 1/10/2019

Company Code: 190

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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis FL 34274	Model: 5500 Aluminum H/V/T/X Mullion 1.125"x3.125"x0.100" Operator Type: Mull Config: No Reinforcement Max Width: See Table Max Height: See Table

Referenced Standard:	Product Rating:
AAMA 450-10	See Appendix 1 Load Tables and Impact Ratings

Qualifying Test Information:	
Test Report No:	FTL-8168
Test Report Expiration:	1/10/2019

Authorized Signature:

Keystone Certifications, Inc.

564 Old York Road, Suite 5

Etters, Pennsylvania 17319

Phone: 717-932-8500

Fax: 717-932-8501



Appendix 1

CAR No: 190-1075.0
Expiration Date: 1/10/2019

PGT Industries

PO Box 1529
Nokomis, FL 34274


Load Tables for the:

5500 Aluminum H/V/T/X Mullion 1.125"x3.125"x0.100"

Mullion Capacity Table (lbs/ft ²)																			
1.25 x 3.25 x .100 Alum. Tube Mullion		Opening Width (for vertically-spanning mullions) or Opening Height (for horizontally-spanning mullions)																	
		50 in		60 in		70 in		80 in		90 in		100 in		120 in		140 in		160 in	
		Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading
		Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)
Mullion Length	42 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	48 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	50.625 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	65.9	70.0
	54 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	66.2	70.0	57.9	70.0
	60 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	59.7	70.0	51.2	70.0	44.8	70.0
	63 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	68.7	70.0	61.9	70.0	51.6	70.0	44.2	70.0	38.7	70.0
	66 in	70.0	70.0	70.0	70.0	70.0	70.0	67.3	70.0	59.8	70.0	53.8	68.7	44.8	64.4	38.4	63.7	33.6	63.7
	72 in	70.0	70.0	69.1	70.0	59.2	65.2	51.8	58.8	46.1	54.2	41.4	50.7	34.5	46.6	29.6	45.0	25.9	45.0
	76 in	70.0	70.0	58.7	62.6	50.3	54.9	44.1	49.4	39.2	45.3	35.2	42.2	29.4	38.3	25.2	36.5	22.0	36.2
	78 in	65.2	68.0	54.3	57.7	46.6	50.6	40.8	45.4	36.2	41.6	32.6	38.7	27.2	34.9	23.3	33.1	20.4	32.7
	90 in	42.4	43.8	35.4	37.0	30.3	32.3	26.5	28.8	23.6	26.1	21.2	24.1	17.7	21.3	15.2	19.6	13.3	18.7
	96 in	35.0	35.9	29.1	30.3	25.0	26.4	21.9	23.5	19.4	21.3	17.5	19.5	14.6	17.1	12.5	15.6		
	108 in	24.6	25.1	20.5	21.1	17.5	18.3	15.4	16.2										
	111 in	22.6	23.1	18.9	19.4	16.2	16.8	14.1	14.9										
	120 in	17.9	18.2	14.9	15.3														

Impact Ratings

Acceptable for use with impact resistant products up to Wind Zone 3 per ASTM E1996-05/12

	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 - 1076.0

Issue Date: 2/17/2015

Revision Date: 2/17/2015

Expiration Date: 1/13/2019

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	Model: 5500 Aluminum H/V/T/X Mullion 1.125"x3.125"x0.624" Operator Type: Mull Config: No Reinforcement Max Width: See Table Max Height: See Table

Referenced Standard:	Product Rating:
AAMA 450-10	See Appendix 1 Load Tables and Impact Ratings

Qualifying Test Information:	
Test Report No:	FTL-8169
Test Report Expiration:	1/13/2019

Authorized Signature:

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



Appendix 1

CAR No: 190-1076.0
Expiration Date: 1/13/2019

PGT Industries

PO Box 1529
Nokomis, FL 34274


Load Tables for the:

5500 Aluminum H/V/T/X Mullion 1.125"x3.125"x0.624"

Mullion Capacity Table (lbs/ft ²)																			
1.25 x 3.25 x .624 Alum. Tube Mullion		Opening Width (for vertically-spanning mullions) or Opening Height (for horizontally-spanning mullions)																	
		50 in		60 in		70 in		80 in		90 in		100 in		120 in		140 in		160 in	
		Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading
		Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)
Mullion Length	42 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	48 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	50.625 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	54 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	60 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	63 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	66 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	68.1	70.0
	72 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.9	70.0	59.9	70.0	52.4	70.0
	76 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	59.5	70.0	51.0	70.0	44.6	70.0
	78 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	66.0	70.0	55.0	70.0	47.1	67.0	41.3	66.1
	90 in	70.0	70.0	70.0	70.0	61.4	65.3	53.7	58.2	47.7	52.9	43.0	48.8	35.8	43.1	30.7	39.7	26.9	37.9
	96 in	70.0	70.0	59.0	61.4	50.6	53.4	44.3	47.5	39.3	43.0	35.4	39.6	29.5	34.7	25.3	31.6		
	108 in	49.7	50.8	41.4	42.8	35.5	37.1	31.1	32.9										
	111 in	45.8	46.7	38.2	39.3	32.7	34.1	28.6	30.2										
	120 in	36.3	36.9	30.2	31.0														

Impact Ratings

Acceptable for use with impact resistant products up to Wind Zone 3 per ASTM E1996-05/12

	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 - 1077.0

Issue Date: 2/17/2015

Revision Date: 2/17/2015

Expiration Date: 1/13/2019

Company Code: 190

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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis FL 34274	Model: 5500 Aluminum H/V/T/X Mullion 1.125"x3.940"x0.624" Operator Type: Mull Config: No Reinforcement Max Width: See Table Max Height: See Table

Referenced Standard:	Product Rating:
AAMA 450-10	See Appendix 1 Load Tables and Impact Ratings

Qualifying Test Information:	
Test Report No:	FTL-8170
Test Report Expiration:	1/13/2019

Authorized Signature:

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



Appendix 1

CAR No: 190-1077.0
Expiration Date: 1/13/2019

PGT Industries

PO Box 1529
Nokomis, FL 34274


Load Tables for the:

5500 Aluminum H/V/T/X Mullion 1.125"x3.940"x0.624"

Mullion Capacity Table (lbs/ft ²)																			
1.25 x 3.94 x .624 Alum. Tube Mullion		Opening Width (for vertically-spanning mullions) or Opening Height (for horizontally-spanning mullions)																	
		50 in		60 in		70 in		80 in		90 in		100 in		120 in		140 in		160 in	
		Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading	Rectangular Loading	Trap/Triang. Loading
		Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)	Mullion Capacity (lbs/ft ²)
Mullion Length	42 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	48 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	50.625 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	54 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	60 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	63 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	66 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	72 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	76 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	78 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	68.2	70.0
	90 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	59.2	70.0	50.7	65.6	44.4	62.7
	96 in	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	65.0	70.0	58.5	65.4	48.8	57.4	41.8	52.3		
	108 in	70.0	70.0	68.5	70.0	58.7	61.3	51.4	54.3										
	111 in	70.0	70.0	63.1	65.0	54.1	56.3	47.3	49.9										
	120 in	59.9	61.0	49.9	51.2														
	144 in	34.7	35.1	28.9	29.4														

Impact Ratings

Acceptable for use with impact resistant products up to Wind Zone 3 per ASTM E1996-05/12

	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 - 1078.0

Issue Date: 2/17/2015

Revision Date: 2/17/2015

Expiration Date: 1/12/2019

Company Code: 190

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Licensee Information:	Product Information:
PGT Industries 1070 Technology Dr. PO Box 1529 Nokomis FL 34274	Model: 5500 Alum Unclipped Mullion 1.125"x3.125"x0.100" Operator Type: Mull Config: No Reinforcement Max Width: 127 Max Height: 63

Referenced Standard:	Product Rating:
AAMA 450-10	DP +/-70 psf, Max Size: 127x63

Qualifying Test Information:	
Test Report No:	FTL-8171
Test Report Expiration:	1/12/2019

Authorized Signature:

Keystone Certifications, Inc.

564 Old York Road, Suite 5

Etters, Pennsylvania 17319

Phone: 717-932-8500

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