



Reynaers
Aluminium

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

NAFS – North American Fenestration Standard

Overview of Test Results available



American
Architectural
Manufacturers
Association



FGIA

Fenestration & Glazing
Industry Alliance



WINDOW & DOOR
MANUFACTURERS ASSOCIATION

WDMA



CSA

STANDARDS



Reynaers
Aluminium

INDUSTRY TESTING STANDARDS | What is NAFS ?

Generally

Manufactured & pre-assembled windows, doors & skylights and their installation shall conform to the requirements in:-

AAMA/WDMA/CSA/101/I.S.2/A440, “NAFS – North American Fenestration Standard/Specification for Windows, Doors and Skylights” [*Harmonised Standard*].

Since Jan 2020 AAMA is now known as FGIA, the amalgamation of AAMA & IGMA.

Key Performance Ratings:

Performance CLASS: **R** [*Residential*], **LC** [*Light Commercial*], **CW** [*Commercial Window*], **AW** [*Architectural Window*]

Performance GRADE: PG 15, PG 720 (metric)

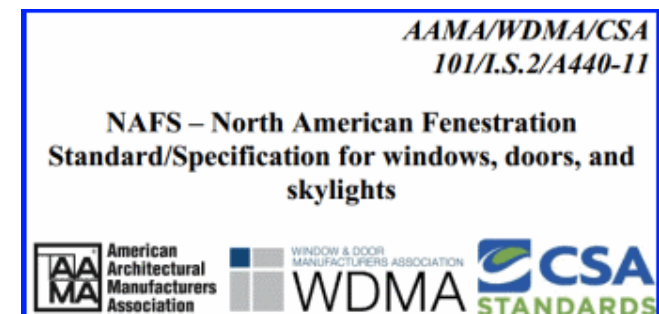
Size tested [*Gateway – sizes determined depending on opening type*]

Air infiltration: cfm/ft² or L/s/m² [*US*]

Air infiltration/exfiltration: Fixed, A2, A3 [*Canada*]

Water penetration test pressure in: psf or Pa

Design Pressure: + and - test pressure in: psf or Pa

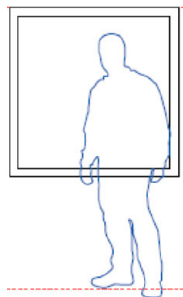


NAFS TESTING/EVALUATION CRITERIA | Fixed Window

R

Minimum PG 15

Min. test size:
1200x1200 [47"x47"]



Min. DP: 720 Pa (15 psf)

Deflection: Report Only

Reynaers US use L/175

Min. Structural Test Pr: 1080 Pa (22.5 psf)

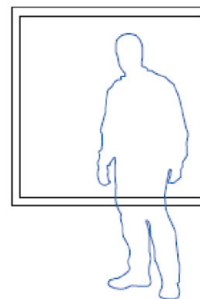
Min. Water Test Pr: 140 Pa (2.9 psf)
[15% DP]

Max. Air Leakage: 1.5 L/s•m² @ 75 Pa (1.6psf)

LC

Minimum PG 25

Min. test size:
1400x1400 [55"x55"]



Min. DP: 1200 Pa (25 psf)

Deflection: Report Only

Reynaers US use L/175

Min. Structural Test Pr: 1800 Pa (37.5 psf)

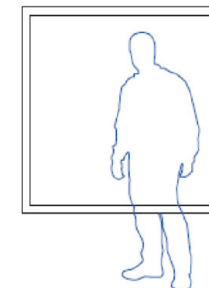
Min. Water Test Pr: 180 Pa (3.75 psf)
[15% DP]

Max. Air Leakage: 1.5 L/s•m² @ 75 Pa (1.6psf)

CW

Minimum PG 30

Min. test size:
1500x1500 [59"x59"]



Min. DP: 1440 Pa (30 psf)

Deflection: L/175

Min. Structural Test Pr: 2160 Pa (45 psf)

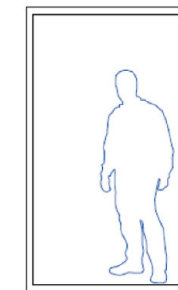
Min. Water Test Pr: 220 Pa (4.5 psf)
[15% DP]

Max. Air Leakage: 1.5 L/s•m² @ 75 Pa (1.6psf)

AW

Minimum PG 40

Min. test size:
1500x2500 [59"x98.5"]



Min. DP: 1920 Pa (40 psf)

Deflection: L/175

Min. Structural Test Pr: 2880 Pa (60 psf)

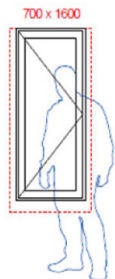
Min. Water Test Pr: 390 Pa (8 psf)
[20% DP]

Max. Air Leakage: 0.5 L/s•m² @ 300 Pa (6.27psf)

During AW testing [per ASTM E331], water is sprayed at a rate of 5 US gal/hr/ft² [3.4 L/m²-min] for 15mins at specified test pressure [max 12/15psf or 20% of DP], whilst for during European testing, water is sprayed at a rate of [2 L/m²-min] for 15 mins at 0psf & for 5mins at subsequent test pressure increments..

Reynaers typically test to min sizes reqd, per NAFS, to achieve relevant Performance Grade, i.e. for AW fixed, we've tested a 59" x 98.5" window.

NAFS TESTING/EVALUATION CRITERIA | Casement [*in/outswing*] Window

R
Minimum PG 15
Min. test size:
600x1500 [23.6"x59"]

Min. DP: 720 Pa (15 psf)

Deflection: Report Only

Reynaers US use L/175

Min. Structural Test Pr: 1080 Pa (22.5 psf)

Min. Water Test Pr: 140 Pa (2.9 psf)
[15% DP]

Max. Air Leakage: 1.5 L/s•m² @ 75 Pa (1.6psf)

LC
Minimum PG 25
Min. test size:
800x1500 [31.5"x59"]

Min. DP: 1200 Pa (25 psf)

Deflection: Report Only

Reynaers US use L/175

Min. Structural Test Pr: 1800 Pa (37.5 psf)

Min. Water Test Pr: 180 Pa (3.75 psf)
[15% DP]

Max. Air Leakage: 1.5 L/s•m² @ 75 Pa (1.6psf)

CW
Minimum PG 30
Min. test size:
800x1500 [31.5"x59"]

Min. DP: 1440 Pa (30 psf)

Deflection: L/175

Min. Structural Test Pr: 2160 Pa (45 psf)

Min. Water Test Pr: 220 Pa (4.5 psf)
[15% DP]

Max. Air Leakage: 1.5 L/s•m² @ 75 Pa (1.6psf)

AW
Minimum PG 40
Min. test size:
900x1500 [35.4"x59"]

Min. DP: 1920 Pa (40 psf)

Deflection: L/175

Min. Structural Test Pr: 2880 Pa (60 psf)

Min. Water Test Pr: 390 Pa (8 psf)
[20% DP]

Max. Air Leakage: 0.5 L/s•m² @ 300 Pa (6.27psf)

During AW testing [*per ASTM E331*], water is sprayed at a rate of 5 US gal/hr/ft² [3.4 L/m²-min] for 15mins at specified test pressure [max 12/15psf or 20% of DP], whilst for during European testing, water is sprayed at a rate of [2 L/m²-min] for 15 mins at 0psf & for 5mins at subsequent test pressure increments..

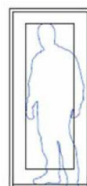
Reynaers typically test to min sizes reqd, per NAFS, to achieve relevant Performance Grade, i.e. for AW fixed, we've tested a 59" x 98.5" window.

NAFS TESTING/EVALUATION CRITERIA | Side Hinged Doors

R

Minimum PG 15

Min. test size:
900x2000 [35"x78¾"]



Min. DP: 720 Pa (15 psf)

Deflection: Report Only

Reynaers US use L/175

Min. Structural Test Pr: 1080 Pa (22.5 psf)

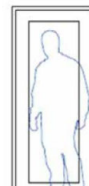
Min. Water Test Pr: 140 Pa (2.9 psf)
[15% DP]

Max. Air Leakage: 1.5 L/s·m² @ 75 Pa (1.6psf)

LC

Minimum PG 25

Min. test size:
900x2100 [35"x82"]



Min. DP: 1200 Pa (25 psf)

Deflection: Report Only

Reynaers US use L/175

Min. Structural Test Pr: 1800 Pa (37.5 psf)

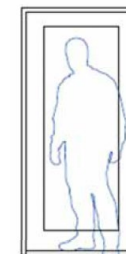
Min. Water Test Pr: 180 Pa (3.75 psf)
[15% DP]

Max. Air Leakage: 1.5 L/s·m² @ 75 Pa (1.6psf)

CW

Minimum PG 30

Min. test size:
1000x2100 [39"x82"]



Min. DP: 1440 Pa (30 psf)

Deflection: L/175

Min. Structural Test Pr: 2160 Pa (45 psf)

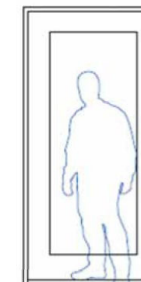
Min. Water Test Pr: 220 Pa (4.5 psf)
[15% DP]

Max. Air Leakage: 1.5 L/s·m² @ 75 Pa (1.6psf)

AW

Minimum PG 40

Min. test size:
1200x2400 [47"x94.5"]



Min. DP: 1920 Pa (40 psf)

Deflection: L/175

Min. Structural Test Pr: 2880 Pa (60 psf)

Min. Water Test Pr: 390 Pa (8 psf)
[20% DP]

Max. Air Leakage: 0.5 L/s·m² @ 300 Pa (6.27psf)

During AW testing [per ASTM E331], water is sprayed at a rate of 5 US gal/hr/ft² [3.4 L/m²·min] for 15mins at specified test pressure [max 12/15psf or 20% of DP], whilst for during European testing, water is sprayed at a rate of [2 L/m²·min] for 15 mins at 0psf & for 5mins at subsequent test pressure increments.

Reynaers typically test to min sizes reqd, per NAFS, to achieve relevant Performance Grade, i.e. for AW fixed, we've tested a 47" x 96" door.

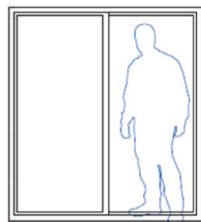
NAFS TESTING/EVALUATION CRITERIA | Sliding Doors

R

Minimum PG 15

Min. test size:

1800x2000 [71"x78¾"]

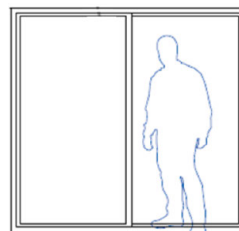


LC

Minimum PG 25

Min. test size:

2200x2000 [86"xx78¾"]

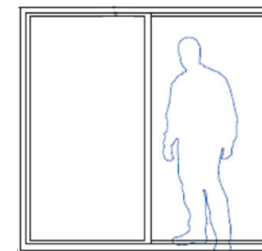


CW

Minimum PG 30

Min. test size:

2400x2100 [95"x82"]

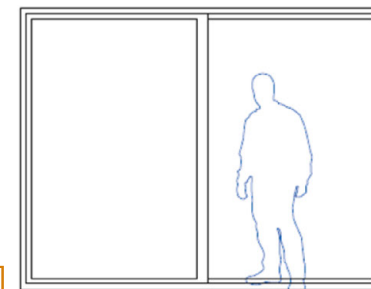


AW

Minimum PG 40

Min. test size:

3100x2400 [122"x95"]



Min. DP: 720 Pa (15 psf)

Min. DP: 1200 Pa (25 psf)

Min. DP: 1440 Pa (30 psf)

Min. DP: 1920 Pa (40 psf)

Deflection: Report Only

Deflection: Report Only

Deflection: L/175

Deflection: L/175

Reynaers US use L/175

Reynaers US use L/175

Min. Structural Test Pr: 1080 Pa (22.5 psf)

Min. Structural Test Pr: 1800 Pa (37.5 psf)

Min. Structural Test Pr: 2160 Pa (45 psf)

Min. Structural Test Pr: 2880 Pa (60 psf)

Min. Water Test Pr: 140 Pa (2.9 psf)
[15% DP]

Min. Water Test Pr: 180 Pa (3.75 psf)
[15% DP]

Min. Water Test Pr: 220 Pa (4.5 psf)
[15% DP]

Min. Water Test Pr: 390 Pa (8 psf)
[20% DP]

Max. Air Leakage: 1.5 L/s•m² @ 75 Pa (1.6psf)

Max. Air Leakage: 1.5 L/s•m² @ 75 Pa (1.6psf)

Max. Air Leakage: 1.5 L/s•m² @ 75 Pa (1.6psf)

Max. Air Leakage: 0.5 L/s•m² @ 300 Pa (6.27psf)

During AW testing [per ASTM E331], water is sprayed at a rate of 5 US gal/hr/ft² [3.4 L/m²-min] for 15mins at specified test pressure [max 12/15psf or 20% of DP], whilst for during European testing, water is sprayed at a rate of [2 L/m²-min] for 15 mins at 0psf & for 5mins at subsequent test pressure increments.

Reynaers typically test to min sizes reqd, per NAFS, to achieve relevant Performance Grade, i.e. for AW fixed, we've tested a 122" x 95" door.

Performance Grade ~ Design Pressures

All Reynaers products are tested under AAMA/FGIA requirements to a specific PG rating. This PG [Performance Grade] rating is equivalent to the DP [Design Pressure] rating in value only, as a PG rating also requires a specific water resistance, as indicated on previous slides. These are in essence **prescriptive design** results based on the tested and/or gateway sizes per the achieved performance class.

Wind Loads (Design Criteria):

Structural glass assemblies can be designed to a project's specific Wind Load per ASCE 7-05/10/16/22 based on the project's location and exposure category. This is an **engineered design** approach utilizing the inputs from the structural testing (Performance Grades or Design Pressures) to engineer each component.

Synopsis

In practicality, a PG50 window or door has a structural DP rating of 50 and has passed a structural test pressure of 75 pounds per square foot (*equal to a 200 mph wind*). A product with a 50 DP rating for water performance has passed testing under conditions of 8" of rain driven at 50 mph, while a 50 DP rating for air performance has withstood air infiltration at 25 mph.

Some products have been tested up to AW PG100, with testing ongoing.

Summary
of Results



Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	Report No.
Door	CS/SL38	Inswing SHD – Low Threshold	47 x 94	1200 x 2400	CW-PG30-SHD	E5361.02-301-44
Door	CS/SL38	Outswing SHD – Low Threshold	47 x 94	1200 x 2400	CW-PG40-SHD	E5360.02-301-44
Window	CS/SL38	Hopper	35 x 59	900 x 1500	CW-PG65-AP	E5717.01-301-44-R0
Window	CS/SL38	DAW (Turn-Tilt)	60 x 99	1524 x 2515	CW-PG60-DAW	E5362.01-301-44
FGIA Waivers	CS/SL38	Inswing/Outswing doors from above	47 x 94	1200 x 2400	CW-PG30/40-SHD	E5360/1.02-301-44
FGIA Waiver	CS/SL38	DAW from above	60 x 99	1524 x 2515	CW-PG60-DAW	E5362.01-301-44
Window	SL 38	Awning - Open Out	59 x 35	1500 x 900	AW-PG100-AP	I0585.01-301-44-R0
Window	SL 38	Casement - Open Out	35 x 59	900 x 1500	AW-PG100-AP	I0584.01-301-44-R0
Window	SL 38	Fixed/Picture	59 x 98	1500 x 2500	AW-PG100-AP	I0583.01-301-44-R4
Window	SL 38	Casement - Open In	35 x 59	900 x 1500	AW-PG100-AP	I2711.01-301-44-R1
Window	SL 38	French Casement	51 x 106	1300 x 2695	DP 33psf & 12psf water	L7384.01-303-44
Window	SL 38	Awning - Open Out	59 x 35	1500 x 900	AW-PG50-AP	I0585.02-301-44-R0
Window	SL 38	Awning - Open Out	59 x 35	1500 x 900	CW-PG50-AP	I0585.03-301-44-R0
Window	SL 38	Awning - Open Out	59 x 35	1500 x 900	CW-PG40-AP	I0585.04-301-44-R0
Window	SL 38	Awning - Open Out	59 x 35	1500 x 900	CW-PG30-AP	I0585.05-301-44-R0

Summary
of Results



Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	Report No.
Window	SL 38	Casement - Open In	35 x 59	900 x 1500	AW-PG50-AP	I2711.02-301-44-R1
Window	SL 38	Casement - Open In	35 x 59	900 x 1500	CW-PG50-AP	I2711.03-301-44-R1
Window	SL 38	Casement - Open In	35 x 59	900 x 1500	CW-PG40-AP	I2711.04-301-44-R1
Window	SL 38	Casement - Open In	35 x 59	900 x 1500	CW-PG30-AP	I2711.05-301-44-R1
Window	SL 38	Casement - Open Out	35 x 59	900 x 1500	AW-PG50-AP	I0584.02-301-44-R0
Window	SL 38	Casement - Open Out	35 x 59	900 x 1500	CW-PG50-AP	I0584.03-301-44-R0
Window	SL 38	Casement - Open Out	35 x 59	900 x 1500	CW-PG40-AP	I0584.04-301-44-R0
Window	SL 38	Casement - Open Out	35 x 59	900 x 1500	CW-PG30-AP	I0584.05-301-44-R0
Window	SL 38	Fixed/Picture	59 x 98	1500 x 2500	AW-PG50-F	I0583.02-301-44-R1
Window	SL 38	Fixed/Picture	59 x 98	1500 x 2500	CW-PG50-F	I0583.03-301-44-R1
Window	SL 38	Fixed/Picture	59 x 98	1500 x 2500	CW-PG40-F	I0583.04-301-44-R1
Window	SL 38	Fixed/Picture	59 x 98	1500 x 2500	CW-PG30-F	I0583.05-301-44-R1
Window	SL38	Crank Out Casement - combi	78x96	2000x2400	DP40 & 12psf water	UW-00183-A2 Rev.1
Window	SL38	Crank Out Casement - combi	78x96	2000x2400	CWPG40-C	UW-00183-A1
Door	SL38	Outswing Double Door	82¾ x 94½	2100 x 2400	CW-PG35-SHD & 15psf water	UW-00191-B1
Door	SL38	Inswing Double Door	82¾ x 94½	2100 x 2400	CW-PG45-SHD	UW-00225-B1
Door	SL38	Inswing Ultraslim Single Door	39¾ x 94½	1000 x 2400	CW-PG40-SHD	UW-00225-C1

Note:- Refer to <https://www.reynaers.com/en/fabricators/external/test-reports> and/or consult with your Key Account Manager for more detailed information.

Results valid as of Mar 2026

Summary of Results



Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	Report No.
Sliding Door	CP 155LS	OX	91 x 122¼	2200 x 3000	LC-PG30-SD	14-0050A
Sliding Door	CP 155LS	OX-Mono	98½ x 141¾	2400 x 3500	LC-PG40-SD	14-0050A
Sliding Door	CP 155LS	XXX-Zero Threshold	150 x 118	3810 x 3000	R-PG20-SD	E1032.03-301-47
Sliding Door	CP 155LS	XXX	197118	5010 x 3000	LC-PG30-SD	E1032.04-301-47
Sliding Door	CP 155LS	X0-Slim Chicane	118.3 x 98.18	3005 x 2494	LC-PG30e	TC18_003 – Internal
Sliding Door	CP 155LS	X0-Outside Glazed monorail	122 x 94.5	3100 x 2400	AW-PG60	K0111.01-301-47
Sliding Door	SP68	X0 Standard Threshold	122 x 94.5	3100 x 2400	CW-PG60	K0111.03-301-47
Sliding Door	SP68	X0 Low Threshold BT Lock	122 x 97	3100 x 2450	R-PG20	AI-05800-A1
Sliding Door	CP68	X0	94.5 x 84	2400 x 2139	CW-PG60	K0111.02-301-47
Sliding Door	Hi-Finity	OXXO-147	197 x 138	5000 x 3500	LC-PG25-SD	D9653.06-301-47
Sliding Door	Hi-Finity	XO-147	190.4 x 136.7	4836 x 3471	R-PG15-SD	L14-878-3954aR1
Sliding Door	Hi-Finity	XO-147	189 x 118	4800 x 3000	CW-PG30-SD	DP653.05-301-47
Sliding Door	Hi-Finity	XO-HFP – zero threshold	122 x 118	3100 x 3000	AW-PG60	AI-05505-A2
Sliding Door	Hi-Finity	XO-HFP – zero threshold	122 x 118	3100 x 3000	CW-PG60	AI-05505-A1
Folding Door	CF 77	XXX	108 x 108	2743 x 2743	PG55	L13-878-3040c

Note:- Refer to <https://www.reynaers.com/en/fabricators/external/test-reports> and/or consult with your Key Account Manager for more detailed information.

Results valid as of Feb 2024

Summary
of Results



Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	Report No.
Lift & Slide Door	Masterpatio	X0-Outside Glazed monorail	122 x 95	3100 x 2400	CW-PG60-SD	AI-05505-B1
Lift & Slide Door	Masterpatio	X0-Outside Glazed monorail	122 x 95	3100 x 2400	AW-PG60-SD	AI-05505-B2
Lift & Slide Door	Masterpatio	OXX Triple track	173 x 144	4406 x 3660	LC & CW-PG30-SD	UW-00142-A1
Lift & Slide Door	Masterpatio	XXXX Multirail - zero threshold	229 x 98	5819 x 2496	R-PG20-SD	UW-00147-A1
Lift & Slide Door	Masterpatio	XXP – 2 rail pocket	179 x 98	4552 x 2496	CW-PG30-SD	UW-00147-B1
Lift & Slide Door	Masterpatio	QXVXQ Corner Opening	233 x 98	5920 x 2486	CW-PG30-SD	TC23_054 Internal
Lift & Slide Door	CP130 Monorail	X0-Outside Glazed monorail	122 x 95	3100 x 2400	CW-PG50-SD – 8psf water	AI-00157-A1
Lift & Slide Door	CP130 Monorail	X0-Outside Glazed monorail	122 x 95	3100 x 2400	CW-PG50-SD – 12psf water	AI-00157-A2
Lift & Slide Door	CP130 Monorail	X0-Outside Glazed monorail	122 x 95	3100 x 2400	AW-PG50-SD – 12psf water	AI-00157-A3
Lift & Slide Door	CP130 Monorail	X0-Outside Glazed monorail	122 x 95	3100 x 2400	CW-PG50-SD – 6psf water	AI-00157-A4
Lift & Slide Door	CP130 Monorail	X0-Outside Glazed monorail	122 x 95	3100 x 2400	CW-PG50-SD – 10psf water	AI-00157-A5
Slide only Door	Masterpatio	X0-Outside Glazed monorail	157 x 122	3986 x 3106	CW-PG35-SD – 12psf water	UW-00183-B1
Slide only Door	Masterpatio	XX0-Outside Glazed monorail	175½x 98	4457 x 2486	CW-PG30SD – 4.5psf water + Optional DP50	UW-00191-A1

Summary of Results



Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	Report No.
Curtain Wall	CW 50	Pressure plate & cap	12'-8" x 23'-11"	3555 x 7100	DP 60 15psf Water Static & Dynamic Per AAMA 501.1-5 & ASTM E283/330/331	E5916.01-120-32
Awning/POW	CW Insert	POW Beaded	50 x 82	1277 x 2077		73134
Curtain Wall	CW 50-SC	Structurally Clamped	12'-8" x 23'-11"	3555 x 7100		E5916.02-120-32
Awning/POW	CW Insert	POW SSG	50 x 82	1277 x 2077		73134
Curtain Wall	CW 50 TT	Pressure plate & cap	13'-9" x 19'	3850 x 5700		AC-00426-A
Curtain Wall	SW 35	Pressure plate & cap	23'-7" x 26'-3"	7200 x 8000		R4791864481
Window Wall	MasterWall	6" deep Window Wall with receptors	148 x 261	3776 x 6637	DP 60 & 15psf water	AC-00433-A
Curtain Wall	CW50/60	Eng Comparative Analysis for CW60, based on CW50 testing	12' 8" x 23' 11"	3555 x 7100	Conformity to E5916.02-120-32	M9117.01-122-34
EF7 Unitized	EF7 GB	Dry Glazed with Bead	283" X 360"	7200 x 9400	DP 60 & 15psf Water Per AAMA 501.1-5 & ASTM E283/330/331	R20706
EF7 Unitized	EF7 SSG	Structurally Glazed	283" X 360"	7200 x 9400		R4790994266
Awning	CW Insert	Awning SSG	62" x 103"	1568 x 2610	CWPG80	UW-00225-A1
Awning	CW Insert	Awning GB				Pending
Window	Masterline 8	Combined with inswing casement and receptors to head & sill	84 x 118	2134 x 3008	DP+30-55psf & 10psf water	UW-00121-A1
POW	CW Insert	POW SSG into CW50	57 x 163	1454 X 4140	15psf Water	23626

Note:- Refer to <https://www.reynaers.com/en/fabricators/external/test-reports> and/or consult with your Key Account Manager for more detailed information.

Results valid as of Mar 2026

Summary of Results



	Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	Report No.
	Window	Masterline 8	Casement – Outswing	35 x 59	900 x 1500	CW-PG95-C	AI-05614-A1
	Window	Masterline 8	Casement – Outswing	35 x 59	900 x 1500	AW-PG95-C	AI-05614-A2
	Window	Masterline 8	Fixed/Picture	58 x 98	1495 x 2500	CW-PG60 & 9psf water	L9407.03-303-44 R0
	Window	Masterline 8	Fixed/Picture	58 x 98	1495 x 2500	CW-PG40 & 6psf water	L9407.04-303-44 R0
	Window	Masterline 8	Fixed/Picture	58 x 98	1495 x 2500	AW-PG65 & 12psf water	L9407.01-303-44 R0
	Window	Masterline 8	Fixed/Picture	58 x 98	1495 x 2500	AW-PG100 & 15psf water	L9407.01-303-44 R0
	Window	Masterline 8	Casement - Inswing	35 x 59	881 x 1490	AW-PG100 & 15psf water	L9408.01-303-44 R0
	Window	Masterline 8	Casement - Inswing	35 x 59	881 x 1490	AW-PG65 & 12psf water	L9408.04-303-44R0
	Window	Masterline 8	Casement - Inswing	35 x 59	881 x 1490	CW-PG60 & 9psf water	L9408.04-303-44R0
	Window	Masterline 8	Casement - Inswing	35 x 59	881 x 1490	CW-PG40 & 6psf water	L9408.04-303-44R0
	Window	ML 8 HV	Turn Tilt – Inswing w Hidden Vent	59 x 99	1510 x 2505	CW-PG60 & 15psf water	M7167.01-303-44 R0
	Window	ML 8 HV	Turn Tilt – Inswing w Hidden Vent	59 x 99	1510 x 2505	CW-PG60 & 12psf water	M7167.02-303-44 R0
	Window	ML 8 HV	Turn Tilt – Inswing w Hidden Vent	59 x 99	1510 x 2505	CW-PG60 & 9psf water	M7167.03-303-44 R0
	Window	ML 8 HV	Turn Tilt – Inswing w Hidden Vent	59 x 99	1510 x 2505	CW-PG40 & 6psf water	M7167.04-303-44 R0
	Door	Masterline 8	XL Pivot Door – zero threshold	84½ x 133 1/8	2146 x 3381	R-PG25-SHD	TC19_173
	Door	Masterline 8	Terrace Door – Frame all round	48 x 96	1219 x 2445	20psf water	K7312.01-109-44
	Door	Masterline 8	Outswing Terrace Door – Low threshold	40 3/8 x 105 11/16	1025 x 2684	DP +45-70 & 12psf water	H6408.01-109-47
	Door	Masterline 8	Resi Pivot Door	64 7/8 x 103 7/8	1647 x 2636	CW-PG20-SHD	Pending

Note:- Refer to <https://www.reynaers.com/en/fabricators/external/test-reports> and/or consult with your Key Account Manager for more detailed information.

Results valid as of Oct 2025

Summary
of Results



Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	Report No.
Window	Masterline 8	Turn Tilt - Inswing	59 x 99	1510 x 2505	CW-PG60 & 15psf water	M7164.01-301-44 R0
Window	Masterline 8	Turn Tilt - Inswing	59 x 99	1510 x 2505	CW-PG60 & 12psf water	M7164.02-301-44 R0
Window	Masterline 8	Turn Tilt - Inswing	59 x 99	1510 x 2505	CW-PG60 & 9psf water	M7164.03-301-44 R0
Window	Masterline 8	Turn Tilt - Inswing	59 x 99	1510 x 2505	CW-PG40 & 6psf water	M7164.04-301-44 R0
Window	Masterline 8	Awning Outswing	59 x 36	1499 x 908	AW-PG100 & 15psf water	M7166.01-301-44 R0
Window	Masterline 8	Awning Outswing	59 x 36	1499 x 908	AW-PG65 & 12psf water	M7166.02-301-44 R0
Window	Masterline 8	Awning Outswing	59 x 36	1499 x 908	CW-PG60 & 9psf water	M7166.03-301-44 R0
Window	Masterline 8	Awning Outswing	59 x 36	1499 x 908	CW-PG40 & 6psf water	M7166.04-301-44 R0
Door	Masterline 8	Outswing Double Terrace Door	96 x 96	2440 x 2450	DP 35 & 5.4psf water	P6898.01-109-44
Windows	Masterline 10	FGIA Waiver of Retest	'Waiver of Retest' confirming Masterline 8 tested windows cover Masterline 10 windows too			
Window	Masterline 8	Combined with inswing casement and receptors to head & sill	84 x 118	2134 x 3008	DP+30-55psf & 10psf water	UW-00121-A1
Window	Masterline 8	Hybrid Window Wall with receptors & slab edge glazing [Masterwall]	148 x 261	3776 x 6637	DP 60 & 15psf water	AC-00433-A
Door	Masterline 8	Outswing Entrance Door	48 x 96	1220 x 2450	CW-PG40 & 6psf water [Optional 7.5psf]	UW-00142-B1
Door	Masterline 8	Inswing Entrance Door	48 x 96	1220 x 2450	CW-PG40 & 6psf water	UW-00142-C1
Door	Masterline 10	FGIA Waiver of Retest	'Waiver of Retest' confirming Masterline 8 tested Entrance doors cover Masterline 10 doors too			

Summary
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Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	Report No.
Terrace Door	Masterline 8	Single Outswing ATD	48 x 96	1200 x 2430	CW-PG50 & 7psf water	UW-00164-B4
Terrace Door	Masterline 8	Single Outswing ATD	48 x 96	1200 x 2430	CW-PG60 & 9psf water	UW-00164-B3
Terrace Door	Masterline 8	Single Outswing ATD	48 x 96	1200 x 2430	AW-PG65 & 12psf water	UW-00164-B2
Terrace Door	Masterline 8	Single Outswing ATD	48 x 96	1200 x 2430	AW-PG65 & 15psf water	UW-00164-B1
Terrace Door	Masterline 8	Double Outswing ATD	79 x 96	2000 x 2430	CW-PG40 & 6psf water	UW-00164-D4
Terrace Door	Masterline 8	Double Outswing ATD	79 x 96	2000 x 2430	CW-PG50 & 10psf water	UW-00164-D3
Terrace Door	Masterline 8	Double Outswing ATD	79 x 96	2000 x 2430	CW-PG60 & 12psf water	UW-00164-D2
Terrace Door	Masterline 8	Double Outswing ATD	79 x 96	2000 x 2430	AW-PG60 & 15psf water	UW-00164-D1
Terrace Door	Masterline 8	Single Inswing ATD	48 x 96	1200 x 2430	CW-PG40 & 6psf water	UW-00164-A2
Terrace Door	Masterline 8	Single Inswing ATD	48 x 96	1200 x 2430	AW-PG40 & 8 & 12psf water	UW-00164-A1
Terrace Door	Masterline 8	Double Inswing ATD	79 x 96	2000 x 2430	CW-PG40 & 6psf water	UW-00164-C3
Terrace Door	Masterline 8	Double Inswing ATD	79 x 96	2000 x 2430	CW-PG50 & 10psf water	UW-00164-C2
Terrace Door	Masterline 8	Double Inswing ATD	79 x 96	2000 x 2430	CW-PG60 & 12psf water	UW-00164-C1
Terrace Door	Masterline 10	FGIA Waiver of Retest	'Waiver of Retest' confirming Masterline 8 tested Terrace doors cover Masterline 10 doors too			

Summary
of Results



Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	Report No.
Window	CS 68/77	Awing w/Rotocrank	59 x 35	1500 x 900	AW-PG100-AP	F3999.01-301.44
Window	CS 68/77	Casement – ADA 5 lbs	35 x 59	900 x 1500	AW-PG100-Casement	F3997.01-301.44
Window	CS 68/77	Casement - Open Out - Rotocrank	35 x 59	900 x 1500	AW-PG100-Casement	F3995.01-301.44
Window	CS 68/77	Combination	94.5 x 90.5	2400 x 2300	CW-PG70	13-0088
Window	CS 68/77	DAW (Turn-Tilt)	60 x 99	1524 x 2515	AW-PG40-DAW	13-0060-1 rev.1
Window	CS 68/77	DAW (Turn-Tilt)	48 x 71	1209 x 1803	CW-PG75-DAW	13-0060-2 rev.2
Window	CS 68/77	Fixed/Picture	60 x 99	1524 x 2515	AW-PG75-Fixed	L15-878-3442aR2
Window	CS 68/77	Fixed/Picture	59 x 98	1500 x 2500	AW-PG110	E6060.01-301-44
Window	CS 68/77	Hopper	59 x 35	1500 x 900	AW-PG40	E5719.01-301-44
Door	CS 68/77	Terrace Door - Open In [Frame all round]	47 x 94	1200 x 2400	CW-PG50-SHD	F5621.01-301-44
Door	CS 68/77	Terrace Door - Open Out [Frame all round]	47 x 94	1200 x 2400	CW-PG50-SHD	F5622.01-301-44
Door	CS 68/77	Entrance Door - Open Out – [Frame all round]	47 x 96	1201 x 2432	CW-PG90-SHD	E1244.01-301-44
Door	CS 68/77	Entrance Door - Open In – [Frame all round]	47 x 96	1202 x 2431	R-PG20-SHD	E1242.02-301-44
Door	CS 68/77	Open Out - Low Threshold	47 x 96	1201 x 2401	R-PG15-SHD	E1246.01-301-44
Door	CS 68/77	Open In - Low Threshold	47 x 96	1203 x 2402	R-PG20-SHD	E1243.01-301-44
Doors	CS68 to CS77	Waiver of retest	FGIA Waiver of Retest confirming tested CS68 doors cover CS77 doors too			
Windows	CS68 to CS77	Waiver of Retest	FGIA Waiver of Retest confirming tested CS68 windows cover CS77 doors too			

Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	CPD #
Window	SL 38	Awning - Open Out	59 x 35	1500 x 900	AW-PG100-AP	17789
Window	SL 38	Casement - Open Out	35 x 59	900 x 1500	AW-PG100-AP	17766
Window	SL 38	Fixed/Picture	59 x 98	1500 x 2500	AW-PG100-AP	17768
Window	SL 38	Casement - Open In	35 x 59	900 x 1500	AW-PG100-AP	17767
Window	CS/SL 38	DAW	59 x 98	1500 x 2500	CW-PG60-DAW	19444
Door	CS/SL 38	Inswing/Outswing Doors	47 94	1200 x 2400	CW-PG30-SHD	19445
Window	ML 8	Awning - Open Out	59 x 35	1500 x 900	AW-PG100-AP	20943
Window	ML 8	Casement - Open Out	35 x 59	900 x 1500	AW-PG100-AP	20940
Window	ML 8	Fixed/Picture	59 x 98	1500 x 2500	AW-PG100-AP	20937
Window	ML 8	Casement - Open In	35 x 59	900 x 1500	AW-PG100-AP	20936
Window	ML 10	Awning - Open Out	59 x 35	1500 x 900	AW-PG100-AP	20939
Window	ML 10	Casement - Open Out	35 x 59	900 x 1500	AW-PG100-AP	20941
Window	ML 10	Fixed/Picture	59 x 98	1500 x 2500	AW-PG100-AP	20942
Window	ML 10	Casement - Open In	35 x 59	900 x 1500	AW-PG100-AP	20938

Type	System	Element Type	Size (in)	Size (mm)	Performance Class / Grade	CPD #
Door	SP 68	Sliding Door OX	122 x 98	3.1m x 2.5m	CW-PG60-SD	18583
Door	CP 68	Sliding Door OX	94 x 84	2.4m x 2.1m	CW-PG60-SD	18552
Door	CP155-LS	Sliding Door OX	122 x 94	3.1m x 2.4m	CW-PG60-SD	17584
Door	Hi Finity	Sliding Door OX	189 x 118	4.8m x 3m	CW-PG30-SD	13331
Door	Hi Finity	Sliding Door OXXO	197 x 138	5m x 3.5m	CW-PG60-SD	13330
Door	Masterpatio	Sliding Door OX	122 x 94	3.1m x 2.4m	CW-PG60-SD	21273
Door	ML 8	Outswing Entrance Door	48 x 96	1.2m x 2.4m	CW-PG40-SHD	22395
Door	ML 8	Outswing Terrace Door	48 x 96	1.2m x 2.4m	AW-PG65-ATD	22396
Door	ML 8	Inswing Terrace Door	48 x 96	1.2m x 2.4m	CW-PG40-ATD	22397
Door	ML 8	Inswing Terrace Door	48 x 96	1.2m x 2.4m	CW-PG40-ATD	22398
Door	ML 8	Double Outswing Terrace Door	79 x 96	2m x 2.4m	AW-PG50-ATD	22399
Door	ML 8	Inswing Entrance Door	48 x 96	1.2m x 2.4m	CW-PG40-SHD	22400