



Product Approval
USER: Public User

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SECRETARY

FL #

FL17017-R5

Application Type

Revision

Code Version

2020

Application Status

Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments

Archived



Product Manufacturer

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Category
Subcategory
Windows
Casement

Compliance Method
Certification Mark or Listing

Certification Agency
Validated By
Window and Door Manufacturer Association
Window and Door Manufacturers Association

Referenced Standard and Year (of Standard)	<u>Standard</u>	<u>Year</u>
	AAMA 450-10	2010
	AAMA/WDMA/CSA 101/I.S.2/A440-08	2008
	AAMA/WDMA/CSA 101/I.S.2/A440-11	2011
	ASTM E 1886	2005
	ASTM E 1996	2012
	TAS 201, TAS 202, TAS 203	1994

Equivalence of Product Standards
Certified By
Approved Certification Agency
[FL17017 R5 Equiv tb-equivalency-memo nafs 201.pdf](#)
[FL17017 R5 Equiv TB-Revised Equivalency ASTM .pdf](#)

Product Approval Method
Method 1 Option A

Date Submitted
Date Validated
Date Pending FBC Approval
01/15/2021
01/18/2021

Summary of Products

FL #	Model, Number or Name	Description
17017.1	1209 Premium Impact Casement with Premium Impact Picture mull alongside, Single Glazed, Vertical Mullion	CW-PG65-MA 1975x1969 (78x78)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +65/-85 Other: The Pictures utilized (7/16") Cardinal laminated glass comprised of (3/16") annealed / .090" PVB / (3/16") annealed glass. The Casements utilized (7/16") Cardinal laminated glass comprised of (3/16") annealed / .090" SGP / (3/16") annealed glass. The glass was set from the interior against silicone back bedding. (Missile D, Wind Zone 4) Glass Meets ASTM E1300		Certification Agency Certificate FL17017 R5 C CAC 1209 Premium Impact Casement With Pic mull.pdf Quality Assurance Contract Expiration Date 06/02/2025 Installation Instructions FL17017 R5 II 85-7815-15 Nail Fin.pdf FL17017 R5 II 85-7815-16 Thru Jamb.pdf FL17017 R5 II 85-7815-17 (Inatallation Clip).pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes
17017.2	1209 Premium Impact Casement, Single Glazed	CW-PG55-C 1054x2121 (42x84)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-70 Other: 3/8" annealed glass. The glass was set from the interior against silicone back bedding. In addition a back bed of silicone was used in the glazing pocket. Glass Meets ASTM E1300		Certification Agency Certificate FL17017 R5 C CAC 1209 Premium Impact Casement, Single Glazed FL17017.2.pdf Quality Assurance Contract Expiration Date 01/26/2025 Installation Instructions FL17017 R5 II 1209-1210-8211 Nail Fin (85-7438-36).pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes
17017.3	1209 Premium Impact Casement, Single Glazed	CW-PG55-C 1054x2121 (42x84)

	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-70 Other: 7/16" Cardinal "LG" laminated glass comprised of (3/16") annealed / .090" PVB / (3/16") annealed glass. The glass was set from the interior against silicone back bedding. In addition a back bed of silicone was used in the glazing pocket. (Missile D, Wind Zone 4) Glass Meets ASTM E1300	Certification Agency Certificate FL17017 R5 C CAC 1209 Premium Impact Casement Single Glazed.pdf Quality Assurance Contract Expiration Date 12/04/2023 Installation Instructions FL17017 R5 II 1209-1210-8211 Nail Fin (85-7438-36).pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes
17017.4	1209 Premium Impact Casement, Single Glazed	CW-PG65-C 902x1969 (36x78)
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +65/-85 Other: 7/16" Cardinal laminated glass comprised of (3/16") annealed / .090" SGP / (3/16") annealed glass. The glass was set from the interior against silicone back bedding. (Missile D, Wind Zone 4) Glass Meets ASTM E1300	Certification Agency Certificate FL17017 R5 C CAC 1209 Premium Impact Casement, Single Glazed FL17017.4.pdf Quality Assurance Contract Expiration Date 06/02/2025 Installation Instructions FL17017 R5 II 85-7815-15 Nail Fin.pdf FL17017 R5 II 85-7815-16 Thru Jamb.pdf FL17017 R5 II 85-7815-17 (Installation Clip).pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes
17017.5	1209 Twin Premium Impact Casement , Single Glazed, Vertical Mullion	LC-PG55-MA 2121x2121 (84x84)
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-70 Other: 7/16" Cardinal "LG" laminated glass comprised of (3/16") annealed / .090" PVB / (3/16") annealed glass. The glass was set from the interior against silicone back bedding. In addition a back bed of silicone was used in the glazing pocket. (Missile D, Wind Zone 4) Glass Meets ASTM E1300	Certification Agency Certificate FL17017 R5 C CAC 1209 Twin Premium Impact Casement.pdf Quality Assurance Contract Expiration Date 04/15/2024 Installation Instructions FL17017 R5 II 85-7815-15 Nail Fin.pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210

		Impact Casements.pdf Created by Independent Third Party: Yes
17017.6	1209 Twin Premium Impact Casement with Premium Impact Picture Stacked Above, Single Glazed - Mullled Combination Assembly	CW-PG55-MA 1810x3191 (71x126)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-70 Other: 7/16" Cardinal laminated glass comprised of (3/16") annealed / .090" PVB / (3/16") annealed glass. The glass was set from the interior against silicone back bedding. (Missile D, Wind Zone 4) Glass Meets ASTM E1300		Certification Agency Certificate FL17017 R5 C CAC 1209 Mullled Casement and Fixed Windows (Report ESP019892P-1719).pdf Quality Assurance Contract Expiration Date 05/27/2025 Installation Instructions FL17017 R5 II 1209-1210-8211 Nail Fin (85-7438-36).pdf FL17017 R5 II 85-7815-21 .pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes
17017.7	1209 Twin Premium Impact Casement with Premium Impact Picture Stacked Above, Single Glazed - Mullion	CW-PG55-MA 2121x3188 (84x126)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-70 Other: 7/16" Cardinal laminated glass comprised of (3/16") annealed / .090" PVB / (3/16") annealed glass. The glass was set from the interior against silicone back bedding. In addition, a back bed of silicone was used in the glazing pocket. (Missile D, Wind Zone 4) Glass Meets ASTM E1300		Certification Agency Certificate FL17017 R5 C CAC 1209 Twin Premium Impact With Premium Impact Picture Stacked Above, Single Glazed (Report ESP018974P-1682).pdf Quality Assurance Contract Expiration Date 03/11/2025 Installation Instructions FL17017 R5 II 85-7815-16 Thru Jamb.pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes
17017.8	1210 Casement Mullled to 1210 Casement Picture	CW-PG55-MA 2731x2121 (107.5x83.5)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes		Certification Agency Certificate FL17017 R5 C CAC 1210 Casement Mullled to 1210 Casement Pic.pdf

	Impact Resistant: Yes Design Pressure: +55/-70 Other: Casement: (1") thick Cardinal insulated glass comprised of 3.9mm (5/32") annealed / 9.5mm (3/8") Stainless Steel Spacer / 4.7mm (3/16") / .090" PVB / 4.7mm (3/16") annealed. Picture: (1") thick Cardinal insulated glass comprised of 6.3mm (1/4") annealed / 7.9mm (5/16") Stainless Steel spacer / 4.7mm (3/16") / .090" PVB / 4.7mm (3/16") annealed. In addition, a back bed of silicone was used in the glazing pocket. GLASS MEETS ASTM E1300	Quality Assurance Contract Expiration Date 09/16/2025 Installation Instructions FL17017 R5 II 85-7815-15 Nail Fin.pdf FL17017 R5 II 85-7815-17 (Installation Clip).pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes
17017.9	1210 Premium Casement Impact	DP +55/-70 psf, Large Missile Impact DP +55/-70 psf, Missile D, Wind Zone 4
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-70 Other: Casement: (1") thick Cardinal insulated glass comprised of 3.9mm (5/32") annealed / 9.5mm (3/8") Stainless Steel Spacer / 4.7mm (3/16") / .090" PVB / 4.7mm (3/16") annealed. In addition, a back bed of silicone was used in the glazing pocket. GLASS MEETS ASTM E1300	Certification Agency Certificate FL17017 R5 C CAC 1210 Premium Casement Impact.pdf Quality Assurance Contract Expiration Date 09/16/2025 Installation Instructions FL17017 R5 II 1209-1210-8211 Nail Fin (85-7438-36).pdf FL17017 R5 II 85-7438-37 Single 1209-1210-8211 Install Clips.pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes
17017.10	1210 Premium Impact Casement, Dual Glazed	CW-PG55-C 1054x2121 (42x84)
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-70 Other: 1" insulated glass comprised of 3.9mm (5/32") annealed / 9.5mm (3/8") Super Spacer / 4.7mm (3/16") / .090" SGP / 4.7mm (3/16") annealed glass. The glass was set from the interior against silicone back bedding. In addition, a back bed of silicone was used in the glazing pocket. (Missile D, Wind Zone 4) Glass Meets ASTM E1300	Certification Agency Certificate FL17017 R5 C CAC 1210 Premium Casement Impact, Dual Glazed (Report ESP020114P-1727).pdf Quality Assurance Contract Expiration Date 06/17/2025 Installation Instructions FL17017 R5 II 1209-1210-8211 Nail Fin (85-7438-36).pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes

17017.11	1210 Premium Impact Casement, Dual Glazed	CW-PG55-C 1054x2121 (42x84)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-70 Other: 1" insulated glass comprised of 3.9mm (5/32") annealed / 9.5mm (3/8") Endur spacer / 4.7mm (3/16") / .090" SGP / 4.7mm (3/16") annealed glass. The glass was set from the interior against silicone back bedding. In addition, a back bed of silicone was used in the glazing pocket. (Missile D, Wind Zone 4) Glass Meets ASTM E1300		Certification Agency Certificate FL17017 R5 C CAC 1210 Premium Casement Impact, Dual Glazed (Report ESP020114P-1727).pdf Quality Assurance Contract Expiration Date 06/17/2025 Installation Instructions FL17017 R5 II 1209-1210-8211 Nail Fin (85-7438-36).pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes
17017.12	1210 Premium Impact Casement, Dual Glazed	CW-PG55-C 1054x2121 (42x84)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-70 Other: 1" insulated glass comprised 3.1mm (1/8") annealed / 13mm (1/2") Super Spacer / 3.1mm (1/8") / .090" PVB / 3.1 (1/8") annealed glass. The glass was set from the interior against silicone back bedding. In addition a back bed of silicone was used in the glazing pocket. (Missile D, Wind Zone 4) Glass Meets ASTM E1300		Certification Agency Certificate FL17017 R5 C CAC 1210 Premium Impact Casement, Dual Glazed.pdf Quality Assurance Contract Expiration Date 12/04/2023 Installation Instructions FL17017 R5 II 1209-1210-8211 Nail Fin (85-7438-36).pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes
17017.13	1210 Premium Impact Pushout Casement, Dual Glazed	R-PG55-C 905x1969 (36x78)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-70 Other: 1" insulated glass comprised of 3.9mm (5/32") annealed / 9.5mm (3/8") Endur Spacer / 4.7mm (3/16") / .090" SGP / 4.7MM (3/16") annealed glass. The glass was set from the interior against silicone back bedding. In addition, a back bed of silicone was used in the glazing pocket. (Missile D, Wind Zone 4) Glass Meets ASTM E1300		Certification Agency Certificate FL17017 R5 C CAC 1210 Premium Pushout Casement Impact, Dual Glazed (Report ESP019937P-1720).pdf Quality Assurance Contract Expiration Date 05/27/2025 Installation Instructions FL17017 R5 II 1209-1210-8211 Nail Fin (85-7438-36).pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210

		Impact Casements.pdf Created by Independent Third Party: Yes
17017.14	1210 Twin Premium Impact Casement, Dual Glazed, Vertical Mullion	LC-PG55-MA 2121x2121 (84x84)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55/-70 Other: 3/4" insulated glass comprised 3.9mm (5/32") annealed / 6mm (1/4") Super Spacer / 3.1mm (1/8") / .090" PVB / 3.1 (1/8") annealed glass. The glass was set from the interior against silicone back bedding. In addition a back bed of silicone was used in the glazing pocket. (Missile D, Wind Zone 4) Glass Meets ASTM E1300		Certification Agency Certificate FL17017 R5 C CAC 1210 Twin Premium Impact Casement.pdf Quality Assurance Contract Expiration Date 04/15/2024 Installation Instructions FL17017 R5 II 1209-1210-8211 Nail Fin (85-7438-36).pdf FL17017 R5 II 85-7815-21 .pdf Verified By: Window and Door Manufacturer Association Created by Independent Third Party: Evaluation Reports FL17017 R5 AE 22247-1-R2 Weather Shield 1209 1210 Impact Casements.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:

