

Kawneer Product Approvals

PRODUCT CATEGORY	PRODUCT SERIES	MISSILE RATING	DESCRIPTION	Kawneer Test Report #	NOA	Florida Product Approval#	Texas TD#	DESIGN PRESSURE	GLAZING	DRY/WET GLAZING	Notes
Curtain Walls	1600 System 1	(L.M.I.)	7 13/16" 1600 System 1 Curtain Wall System	1164		FL5388		+/- 65, +/- 90	5/8", 9/16", 1 5/16"	Wet	
Curtain Walls	1600 System 1	(S.M.I.)	7 13/16" 1600 System 1 Curtain Wall System	1164		FL5388		+/- 65, +/- 90	1/2", 9/16", 1-5/16"	Dry	
Curtain Walls	1600 System 1	(L.M.I.)	10 13/16" 1600 System 1 Curtain Wall System	852		FL5388		+/- 90, +/- 110	5/8", 9/16", 1-5/16"	Wet	
Curtain Walls	1600 System 1	(S.M.I.)	10 13/16" 1600 System 1 Curtain Wall System	852		FL5388		+/- 65, +/- 90	1/2", 9/16", 1/516"	Dry	
Curtain Walls	1600 System 1	(L.M.I.)	1600 System 1 Curtain Wall System	None		FL11488		+100/-123	5/8"	Wet	Level E
Curtain Walls	1600 System 1	Non Impact (N.I)	1600 System 1 Curtain Wall System	None		FL11490		+/- 90	1/4" (T), 1" (T)	Dry	
Curtain Walls	1600 System 2	(L.M.I.)	7 13/16" 1600 System 2 Curtain Wall System	1082		FL5388		+/- 60	1-5/16"	Wet	
Curtain Walls	1600 System 2	(S.M.I.)	7 13/16" 1600 System 2 Curtain Wall System	1082		FL5388		+/- 60	1-5/16"	Wet	
Curtain Walls	1600 System 2	Non Impact (N.I)	1600 System 2 Curtain Wall System	None		FL11491		+/- 50	1/4" (T), 1" (T)	Dry	
Curtain Walls	1600 System 5	Non Impact (N.I)	Aluminum Curtain Wall System	None		FL11492		+/- 90	1/4" (T), 1" (T)	Dry	
Curtain Walls	1600 System SS	Non Impact (N.I)	Aluminum Curtain Wall System	None		FL10285		+/- 90	1/4" (T), 1" (T)	Dry	
Curtain Walls	1620/1620 SS System	Non Impact (N.I)	1620/1620 SS Aluminum Curtain Wall System	2147		FL17083		+/- 41.5	1/4" (T), 1" (T)	Dry	
Curtain Walls	1630 SS IR	(L.M.I.)	7 13/16" 1630 SS IR Curtain Wall System	2053, 2054, 2057		FL16369		+/- 70	1-5/16"	Wet, Dry	Zone 3, Level D
Curtain Walls	1630 SS IR	(L.M.I.)	7 13/16" 1630 SS IR Curtain Wall System	2051-2063	14-0430.31	FL16548		+/- 70	1-5/16"	Wet	Level D
Curtain Walls	1630 SS IR	(L.M.I.)	8 13/16" 1630 SS IR Curtain Wall System	2051-2063	14-0430.33	FL16548		+/- 130	1-5/16"	Dry	Level D
Curtain Walls	1630 SS IR	(L.M.I.)	8 13/16" 1630 SS IR Curtain Wall System	2051-2063	14-0430.32	FL16548		+/- 130	1-5/16"	Wet	Level D & E
Curtain Walls	1630 SS IR	(S.M.I.)	8 13/16" 1630 SS IR Curtain Wall System	2051-2063	14-0430.34	FL16548		+/- 130	1-5/16"	Wet	
Curtain Walls	2250 IG	Non Impact (N.I)	Aluminum Curtain Wall System	None		FL9924		+/- 90	1/4" (T), 1" (T)	Dry	
Curtain Walls	2500 PG	(L.M.I.)	2500 PG Curtain Wall	2284		FL 17577		50	1"	Spacer tape/Wet	
Curtain Walls	2500 UT	Non Impact (N.I)	Aluminum Unitized Curtain Wall	2344		FL 20394		+/- 45	1", 1 3/4"	Wet	
Curtain Walls	1600 UT	Non Impact (N.I)	Aluminum Curtain Wall System	2019, 1801		FL16564		+/- 40	1"	Dry	
Curtain Walls	Clearwall	Non Impact (N.I)	Aluminum Curtain Wall System	1676, 1701		FL16576		+/- 40	1", 1 1/8"	Dry, Wet, Tape	
Curtain Walls	FG 623	(L.M.I.)	Glazed Ribbon Window System (2-Bay max)	892, 954	14-0430.26	FL10845		+50/-70	5/8", 9/16"	Wet	

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Curtain Walls	FG 623	(S.M.I.)	Glazed Ribbon Window System (2-Bay)	892, 954	14-0430.27	FL10845		+70/-90, +/-70	9/16"	Wet, Dry	
Storefronts	Trifab 450	Non Impact (N.I)	Trifab 450 Storefront with 190 & 350 Entrance Door (Shutter Application)	1157	14-0811.21	FL7237		+/- 65	1/4"	Dry	
Doors - Swinging	190 / 350 / 500 Doors with Trifab VG 450	Non Impact (N.I)	Trifab 450 Storefront with 190, 350, & 500 Entrance Door			FL10388		+/- 30	1/4"	Dry	
Storefronts	Trifab 451	Non Impact (N.I)	Trifab 451T Storefront System with 190 & 350 Entrance Door - (Shutter Application)	1157	14-0811.22	FL7237		+/- 65	1/4", 1"	Dry	
Storefronts	Trifab 451T	Non Impact (N.I)	Trifab 451T Storefront System	1387		FL10008		+/- 35, +/- 30	1"	Dry	
Storefronts	Trifab 451T	Non Impact (N.I)	Trifab 451T Front Set Storefront System	2283		FL 20446		+/- 35, +/- 40	1"	Dry	
Storefronts	Trifab 451/451T	(L.M.I.)	Aluminum Storefront L.M.I., Zone 3, Level D	1733		FL14287	CWSF-34	+/- 45, +/- 20	1"	Dry	ZONE 3
Storefronts	Trifab 601T	(L.M.I.)	Trifab 601T Storefront with AA250/425 Thermal Door	2202, 2203, 2204		FL16517		+/- 45	1"	Dry, Tape	ZONE 3
Storefronts	IR 500	(L.M.I.)	Aluminum Storefront System	1478, 1480, 1481, 1482, 1483, 1898	14-0430.28	FL8787	CWSF-31	+/-65, +/- 90	9/16"	Wet, Dry	
Storefronts	IR 501	(L.M.I.)	Aluminum Storefront System	1384, 1477, 1479	14-0430.18	FL8787	CWSF-32	+/- 65	1 5/16"	Wet, Dry	
Storefronts	IR 501	(S.M.I.)	Aluminum Storefront System	1504	14-0430.17	FL8787	CWSF-32	+/- 65	1 5/16"	Dry	
Storefronts	IR 501UT	(L.M.I.)	IR 501T/UT Framing with Glassvent Project out Windows	1792, 1793, 1794, 1796, 1797, 1795, 1798, 1934, 1935		FL15404	CWSF-33	+/- 70	1 5/16"	Wet	
Storefronts	IR 501UT	(L.M.I.)	IR 501T/UT Framing with Glassvent Project out Windows	1792, 1793, 1794, 1796, 1797, 1795, 1798, 1934, 1935		FL15404	CWSF-33	+/- 70	1 5/16"	Dry	
Storefronts	IR 501UT	(S.M.I.)	IR 501T/UT Framing with Glassvent Project out Windows	1799, 1800		FL15404	CWSF-33	+/- 70	1 5/16"	Dry	
Storefronts	IR 631	(L.M.I.)	Aluminum Storefront System	1298		FL7359		+/- 95	1-5/16"	Wet	
Storefronts	IR 631	(S.M.I.)	Aluminum Storefront System	1169		FL7359		+/-135, +/-95	1-5/16"	Wet, Dry	
Door - Sliding	AA3200 IR	(S.M.I. / L.M.I.)	Sliding Glass High Pressure Doors	1703-1716		FL14159		+/- 135	1 5/16"	Wet, Dry	
Door - Sliding	AA3200 IR	(S.M.I. / L.M.I.)	Sliding Glass Medium Pressure Doors	1703-1716		FL14159		+/- 90	1 5/16"	Wet, Dry	
Door - Sliding	AA3200 IR	(S.M.I. / L.M.I.)	Sliding Glass Low Pressure Doors	1703-1716		FL14159		+/- 70	1 5/16"	Wet, Dry	
Door - Sliding	HPS	(S.M.I.)	Sliding Glass Door	665, 754, 858, 1034, 1161		FL6185	DR-661	+/- 95	9/16"	Dry	
Door - Sliding	HPS	(S.M.I.)	Sliding Glass Door - HC-100 Series	1361		FL6185	DR-661	+100/-105	1"	Dry	
Door - Sliding	HPX	(L.M.I.)	Aluminum Sliding Glass Door	2150		FL6185		+100/-125/-135	9/16"	Wet	
Door - Sliding	HPX	(S.M.I.)	Aluminum Sliding Glass Door	1079		FL6185		+100/-115/-135	9/16"	Dry	

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Doors - Swinging	190 / 350 / 500 Doors with Trifab VG 450	Non Impact (N.I)	190, 350, & 500 Entrance Door with Trifab 450 Storefront			FL10388		+/- 30	1/4"	Dry	
Doors - Swinging	AA250/425	(L.M.I.)	Trifab 601T Storefront with AA250/425 Thermal Door	2202, 2203, 2204		FL16517		+/- 45	1"	Dry, Tape	Zone 3
Doors - Swinging	350 HW	(S.M.I. / L.M.I.)	350HW Outswing Storefront Doors (Wet &Tape Glazed)	1931, 1933, 1962	14-0430.04		DR-668	+/- 110	9/16", 1"	Wet & Tape	Level D & E
Doors - Swinging	350/500 HW	(L.M.I.)	IR 350/500 HW Out-swing Doors	1932		FL15850	DR-668	+/- 50	9/16", 1"	Wet & Tape	Zone 3
Doors - Swinging	350 IR / 350 HW	Non Impact (N.I)	Auto Showoom Outswing Bi-Fold Door	2198, 2199, 2200		FL16715		+/- 70	1/4", 1"	Dry	
Doors - Swinging	351 IR / 350 HW	(L.M.I.)	Auto Showoom Outswing Bi-Fold Door			FL17819		+/- 70	1"	Tape	
Doors - Swinging	350 IR	(L.M.I.)	350IR Outswing Storefront Doors (Wet Glazed)	1631	14-0602.03	FL8786	DR-518	+/- 90	9/16"	Wet	
Doors - Swinging	350 IR	(L.M.I.)	9' 350IR Aluminum Outswing Storefront Doors	1105	15-0622.11	FL8786		+/- 65	9/16"	Wet	
Doors - Swinging	350 IR	(L.M.I.)	350IR Outswing Storefront Doors (Dry Glazed)	1791	14-0602.02	FL8786	DR-518	+/- 70	9/16"	Dry	
Doors - Swinging	350 IR / 500 IR	(L.M.I.)	350IR Outswing Storefront Doors (Dry Glazed)	2386, 2387		FL17053		Varies	1/4", 1"	Dry	Zone 3, Rim Panic
Doors - Swinging	500	Non Impact (N.I)	500 Non-impact Door in Trifab 400	1930		FL15194		+45/-50	1/4"	Dry	
Doors - Swinging	2000T	(S.M.I. / L.M.I.)	2000T Out-swing/In-swing Terrace Door	1699, 1700, 1717-1728		FL13482		+/- 90, +/- 70	1"	Wet, Dry	
Doors - Swinging	Flushline	(L.M.I.)	Flushline Outswing Door	2419		FL20102		+/- 50, +/- 70, +/- 75	1"	Wet	
Doors - Swinging	2000T	(S.M.I. / L.M.I.)	Out-swing/In-swing Terrace Door	1699, 1700, 1717-1728		FL13482		+/- 90, +/- 70	1"	Wet, Dry	
Window - Projected	GLASSvent	(S.M.I. / L.M.I.)	Project-Out Window	2252, 2253, 2254, 2254		20501		+/- 75, +/- 89	1", 1 3/4"	Wet	
Window - Projected	GLASSvent	(S.M.I. / L.M.I.)	Casement Outswing Window	2252, 2253, 2254, 2255		20500		+/- 90	1", 1 3/4"	Wet	
Window - Casement	AA900	(L.M.I.)	Casement Outswing Window	1385	14-0430.10	FL10182	WIN-1845	+/- 90	1 5/16"	Wet	
Window - Casement	AA900	(S.M.I.)	Casement Outswing Window	1385	14-0430.11	FL10182	WIN-1845	+100/-110	1"	Dry	
Window - Projected	AA900	(L.M.I.)	Project-In Window	None		FL 17780		+100/-135, +/- 75	1 5/16"	Wet	
Window - Projected	AA900	(S.M.I. / L.M.I.)	Project-Out Window	1646-1655		FL13347	WIN-1846	+/-70, +/-90	1 5/16", 1"	Wet, Dry	
Window - Fixed	AA900	(S.M.I. / L.M.I.)	Fixed Window	1646-1655		FL13340	WIN-1844	+/- 70, +/- 90	1 5/16", 1"	Wet, Dry	
Window - Fixed	AA4325	(S.M.I. / L.M.I.)	Fixed Window	2160 - 2179		FL 16792		+/- 80	1", 1 3/4"	Wet, Dry	
Window - Projected	AA4325	(S.M.I. / L.M.I.)	Project-Out Window	2160 - 2179		FL 16793		+/- 80	1", 1 3/4"	Wet, Dry	

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Window - Casement	AA4325	(S.M.I. / L.M.I.)	Casement Outswing Window	2160 - 2179		FL 16794		+/- 80	1", 1 3/4"	Wet, Dry	
Window - Projected	7225/8225TL	(L.M.I.)	Fixed over Project-Out Window	1160, 1928, 1929		FL6206		+/- 90	9/16"	Wet	
Window - Projected	7225/8225TL	(S.M.I.)	Fixed over Project-Out Window	1160, 1928, 1929		FL6206		+100/-130	9/16", 1"	Dry	
Window - Projected	7225TL	(S.M.I.)	Project-In Aluminum Window	None		FL 17779		+100/-135	1 5/16"	Dry	
Window - Projected	8225TL	(S.M.I. / L.M.I.)	Project-Out Window	1464, 1506		FL11568		+/- 65	9/16"	Wet, Dry	
Window - Single Hung	8400TL	(L.M.I.)	Single Hung Window	1386		FL5455		+/- 90	1"	Wet	
Window - Single Hung	8400TL	(S.M.I.)	Single Hung Window	1153		FL5455		+/- 90	9/16", 1"	Dry	
Window - Sliding	8400TL	(L.M.I.)	Horizontal Sliding Window	1899		FL15115		+/- 90	1"	Wet	
Window - Sliding	8400TL	(S.M.I.)	Horizontal Sliding Window	1900		FL15115		+/- 90	1"	Wet	
Window - Double Hung	8400TL	Non Impact (N.I.)	Double Hung Window	None		FL7912		+/- 50, +/- 70	1"	Dry	
Window - Horizontal Slider	8400TL	Non Impact (N.I.)	Horizontal Sliding Window			FL7913		+/- 70	1"	Dry	
Window - Single Hung	8400TL	Non Impact (N.I.)	Single Hung Window			FL7903		+/- 50, +/- 70	1"	Dry	
Window - Casement	TR3100	LMI	Casement Outswing	FET T109-07 and T174-08		FL15863		±80	1"		
Project Out Swing	TR3500	LMI	Project Out Swing	FET T227-05 and T117-04		FL15874		±65	1"		
Project Out Swing	TR3500	LMI	Project Out Swing	FET T191-08 and T110-07		FL15875		±80	1"		
Window - Casement	TR3100	Non-Impact	Casement Outswing	FET T109-07		FL15878	WIN-1905	±80	1"		
Project Out Swing	TR3500	Non-Impact	Project Out Swing	FET T110-07		FL15879		±80	1"		
Window - Casement	NX3100	Non-Impact	Casement Outswing	87590.01-501-44		FL15880		±80	1"		
Window - Casement	NX3200	Non-Impact	Casement Inswing	88208.01-501-44		FL15882	WIN-1920	±80	1"		
Project Out Swing	NX3500	Non-Impact	Project Out Swing	87591.01-501-44		FL15883		±80	1"		
Project Out Swing	TR3500	SMI	Project Out Swing	FET T227-05 and T131-05		FL15884		±65	1"		
Doors-Sliding	SGD948	LMI	Aluminum Sliding Glass Door	86699.01-501-18, 86699.02-501-44, 60520.02-106-18 and 61261.01-106-18		FL16001		±60	7/8"		
Window - Fixed	TR3800	Non-Impact	Fixed Window	T235-08		FL16002	WIN-1910	±80	1"		

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Window - Fixed	TR3800	LMI	Fixed Window	FET T145-09 and T146-06		FL16003		±100	1"		
Window - Sliding	TR3800	LMI	Horizontal Sliding Window	FET T194-09		FL16004		±66	1"		
Window - Fixed	TR7100	Non-Impact	Fixed Window	FET T396-10		FL 19311		+/- 100	1"		
Window - Single Hung	TR9100	LMI	Single Hung Window	FET T190-08		FL16005		+80 -110	1"		
Window - Casement	NX3100	LMI	Outswing Casement	87590.01-501-44 and 89745.04-501-18		FL16006		±100 max	1"		
Window - Fixed/Projected	NX3510	LMI	Fixed/Projected Window	90899.02-501-44 and 90899.01-501-18		FL16007		±100 max	1"		
Window - Fixed	NX3800	LMI	Fixed Window	92461.01-501-18 and 88210.01-501-44		FL16016		±120	1"		
Window - Casement	TR3200	Non-Impact	Casement Inswing	T380-10		FL16018	WIN-1906	±80	1"		
Window - inswing Projected/Hopper	TR3400	Non-Impact	Inswing Projected/Hopper	T375-10		FL16019	WIN-1907	±80	1"		
Window - Fixed	TR3800	Non-Impact	Fixed Window	FET T381-10		FL16020	WIN-1908	±100	1"		
Window - Sliding	TR6800	Non-Impact	Horizontal Sliding Window	FET T397-10		FL16021	WIN-1909	±50	1"		
Window - Single Hung	TR9100	Non-Impact	Single Hung Window	85805.01-501-44		FL16032		+80 -110	1"		
Window - Fixed w/Midrail	TR9460	Non-Impact	Fixed Window	T299-09		FL16033		±80	1"		
Window - inswing Projected/Hopper	NX3400	Non-Impact	Inswing Projected/Hopper	88209.01-501-44		FL16034		±80	1"		
Window - Fixed	NX3800	Non-Impact	Fixed Window	88210.01-501-44		FL16035	WIN-1911	±80	1"		
Window - Fixed	TR3800	SMI	Fixed Window	T128-05 and T175-02		FL16036		±100 max	1"		

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