



Kawneer Product Approvals



PRODUCT CATEGORY	PRODUCT SERIES	MISSILE RATING	DESCRIPTION	KAWNEER TEST REPORT #	FLORIDA PRODUCT APPROVAL#	TEXAS TDI#	DESIGN PRESSURE	GLAZING	DRY/WET GLAZING	NOTES
Curtain Walls	1600 System 1 and System 2	(L.M.I, SMI)	7 13/16" 1600 System 1 Curtain Wall System	1164,1082A, 2380A	FL5388	CWSF-72	Varies	Varies	Wet, Dry	Zone 4, Level A & D
Curtain Walls	1600 System 1	(L.M.I, S.M.I)	10 13/16" 1600 System 1 Curtain Wall System	852, 1164, 2021, 1931,1962, 2660	FL5388	CWSF-72	Varies	Varies	Wet, Dry, Tape	Zone 4, Level A & D
Curtain Walls	1600 System 1	(L.M.I.)	1600 System 1 Curtain Wall System	2747, 2748	FL11488	CWSF-72	+100/-123, +90/-90	5/8"	Wet	Zone 4, Level E
Curtain Walls	1600 System 1 and System 2	Non-Impact (N.I)	1600 System 1 Curtain Wall System	2660, 1437	FL11490	N/A	+/-90, +/-50	1/4" (T), 1" (T)	Dry	Non-HVHZ
Curtain Walls	1600 System 1 (Large glass size)	(L.M.I.)	1600 System 1 Curtain Wall System	2751	FL29202	N/A	+/-50	1-5/16"	Dry	Level D
Curtain Walls	1600 System 1	(L.M.I.)	1600 System 1 Curtain Wall System	2747, 2748, 2749	FL29202	N/A	+/-70, +/-90	1-5/16"	Wet	Zone 4, Level E
Curtain Walls	1600 System 1	(L.M.I.)	1600 System 1 Curtain Wall System	2747	FL32409	N/A	+/-70	1-5/16"	Wet	Zone 4, Level E
Curtain Walls	1600 System 5	Non-Impact (N.I)	Aluminum Curtain Wall System	1433	FL11492	N/A	+/- 90	1/4" (T), 1" (T)	Dry	Non-HVHZ

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Curtain Walls	1600 UT	Non-Impact (N.I.)	Aluminum Curtain Wall System	2019, 1801	FL16564	N/A	+/- 40	1"	Dry	Non-HVHZ
Curtain Walls	1600 System SS	Non-Impact (N.I.)	Aluminum Curtain Wall System	1434	FL10285	N/A	+/- 90	1/4" (T), 1" (T)	Dry	Non-HVHZ
Curtain Walls	1620/1620 SS System	Non-Impact (N.I.)	1620/1620 SS Aluminum Curtain Wall System	2147	FL17083	N/A	+/-60.4	1/4" (T), 1" (T)	Dry	Non-HVHZ
Curtain Walls	1630 SS IR	(L.M.I.)	7 13/16" 1630 SS IR Curtain Wall System	2053, 2054, 2057	FL16369	Pending	+/- 70	1-5/16"	Wet, Dry	Zone 3, Level D
Curtain Walls	1630 SS IR	(L.M.I., S.M.I.)	8 13/16" 1630 SS IR Curtain Wall System	2051-2063, 2643	FL16369	Pending	Varies	1-5/16"	Wet, Dry	Zone 4, Level D
Curtain Walls	2250 IG	Non-Impact (N.I.)	Aluminum Curtain Wall System	None	FL9924	N/A	+/- 90	1/4" (T), 1" (T)	Dry	Non-HVHZ
Curtain Walls	2500 PG	(L.M.I.)	2500 PG Curtain Wall	2284	FL17577	N/A	+/-50	1"	Spacer tape/Wet	Zone 3, Level D
Curtain Walls	2500 UT	Non-Impact (N.I.)	Aluminum Unitized Curtain Wall	2344	FL20394	N/A	+/- 45	1", 1 3/4"	Wet	Non-HVHZ



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Curtain Walls	Clearwall	Non-Impact (N.I.)	Aluminum Curtain Wall System	1676, 1701	FL16576	N/A	+/- 40	1", 1 1/8"	Dry, Wet, Tape	Non-HVHZ
Curtain Walls	Clearwall	(S.M.I. / L.M.I.)	Aluminum Curtain Wall System	2618, 2619, 2620, 2621, 2622, 2750	FL29109	CWSF-73	+/-50	1"	Wet, Tape	Zone 3, Level A & D
Curtain Walls	FG 623	(L.M.I.)	Glazed Ribbon Window System (2-Bay max)	892, 954	FL10845	N/A	+50/-70	5/8", 9/16"	Wet	Zone 4, Level D
Curtain Walls	FG 623	(S.M.I.)	Glazed Ribbon Window System (2-Bay)	892, 954	FL10845	N/A	+70/-90, +/-70	9/16"	Wet, Dry	Zone 4, Level A
Storefronts	Trifab 450	Non-Impact (N.I.)	Trifab 450 Storefront with 190 & 350 Entrance Door (Shutter Application)	1157	FL7237	N/A	Varies	1/4"	Dry	Non-Impact
Storefronts	Trifab 451	Non-Impact (N.I.)	Trifab 451T Storefront System with 190 & 350 Entrance Door (Shutter Application)	1157	FL7237	N/A	Varies	1/4"	Dry	Non-Impact
Storefronts	Trifab 451UT	Non-Impact (N.I.)	Trifab 451UT Storefront System (Pre-glaze Center Set)	2893-2897	FL10008	N/A	Varies	1"	Dry	Non-Impact
Storefronts	Trifab 451UT	Non-Impact (N.I.)	Trifab 451UT Storefront System (Tall Sill Center Set)	2886-2891	FL10008	N/A	Varies	1"	Dry	Non-Impact

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Storefronts	Trifab 451T	Non-Impact (N.I.)	Trifab 451T Front Set Storefront System	2283	FL37876	N/A	Varies	1"	Dry	Non-Impact
Storefronts	Trifab 451T	Non-Impact (N.I.)	Trifab 451T Back Set Storefront System	2283	FL37876	N/A	Varies	1"	Dry	Non-Impact
Storefronts	Trifab 451T	Non-Impact (N.I.)	Trifab 451T Center Set with HP Sill Storefront System	2283	FL37876	N/A	Varies	1"	Dry	Non-Impact
Storefronts	Trifab 451T	Non-Impact (N.I.)	Trifab 451T Center Set	1386, 1387	FL32590	N/A	+/- 30, +/- 35	1"	Dry	Non-Impact
Storefronts	Trifab 451/451T	(L.M.I.)	Aluminum Storefront L.M.I., Zone 3, Level D	1733	FL14287	CWSF-34	+/- 45	1"	Dry	Zone 3, Level D
Storefronts	Trifab 601T	(L.M.I.)	Trifab 601T Storefront	2202, 2203, 2204	FL16517	Pending	+/- 45	1"	Dry, Tape	Zone 3, Level D
Storefronts	IR 500	(L.M.I.)	Aluminum Storefront System	1478, 1480, 1481, 1482, 1483, 1898	FL8787	CWSF-68	+/-65, +/- 90	9/16"	Wet, Dry	Zone 4, Level D
Storefronts	IR 501	(L.M.I.)	Aluminum Storefront System	1384, 1477, 1479	FL8787	CWSF-32	+/-70	1 5/16"	Wet, Dry	Zone 4, Level D

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Storefronts	IR 501	(S.M.I.)	Aluminum Storefront System	1504	FL8787	CWSF-32	+/- 70	1 5/16"	Wet, Dry	Zone 4, Level A
Storefronts	IR 501T/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	Zone 4, Level D
Storefronts	IR 501T/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	Zone 4, Level D
Storefronts	IR 501T/501UT	(S.M.I.)	IR 501T/UT Framing with GLASSvent Project out Windows	1799, 1800	FL15404	CWSF-33	+/- 70	1 5/16"	Dry	Zone 4, Level A
Storefronts	IR 501T/501UT	(L.M.I.)	IR 501T/UT Framing	2909, 2910, 2911	FL15404	CWSF-33	Varies	1 1/4"	Wet	Zone 4, Level E
Storefronts	IR 631	(L.M.I.)	Aluminum Storefront System	1298	FL7359	N/A	+/- 95	1-5/16"	Wet	Zone 4, Level D
Storefronts	IR 631	(S.M.I.)	Aluminum Storefront System	1169	FL7359	N/A	Varies	1-5/16"	Wet, Dry	Zone 4, Level A
Door - Sliding	AA3200 IR	(S.M.I. / L.M.I.)	Sliding Glass High Pressure Doors	1703-1716	FL14159	DR-1190	+/- 135	1 5/16"	Wet, Dry	Zone 4, Level A & D

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Door - Sliding	AA3200 IR	(S.M.I. / L.M.I.)	Sliding Glass Medium Pressure Doors	1703-1716	FL14159	DR-1190	+/- 90	1 5/16"	Wet, Dry	Zone 4, Level A & D
Door - Sliding	AA3200 IR	(S.M.I. / L.M.I.)	Sliding Glass Low Pressure Doors	1703-1716	FL14159	DR-1190	+/- 70	1 5/16"	Wet, Dry	Zone 4, Level A & D
Door - Sliding	Traco SGD948	(L.M.I.)	Aluminum Sliding Glass Door		FL16001	N/A	+/-60	7/8"	Wet	
Doors - Swinging	190 / 350 / 500 Doors with Trifab VG 450	Non-Impact (N.I.)	190, 350, & 500 Entrance Door with Trifab 450 Storefront		FL10388	N/A	+/- 30	1/4"	Dry	Non-HVHZ
Doors - Swinging	AA250/425	(L.M.I.)	AA250/425 Thermal Door	2202, 2203, 2204	FL34895	N/A	Varies	Varies	Dry, Tape	Zone 3, Level D
Doors - Swinging	350 HW	(S.M.I. / L.M.I.)	350HW Outswing Storefront Doors (Wet &Tape Glazed)	1931, 1933, 1962	FL15850	DR-1197	+/- 50	9/16", 1"	Wet & Tape	Zone 3, Level D
Doors - Swinging	350/500 HW	(L.M.I.)	IR 350/500 HW Out-swing Doors	1932, 2753, 2754	FL15850	DR-1197	Varies	9/16", 1"	Wet & Tape	Zone 4, Level E
Doors - Swinging	350 IR / 350 HW	Non-Impact (N.I.)	Auto Showroom Outswing Bi-Fold Door	2198, 2199, 2200	FL16715	N/A	+/- 70	1/4", 1"	Dry	Non-HVHZ

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Doors - Swinging	350 IR / 350 HW	(L.M.I.)	Auto Showroom Outswing Bi-Fold Door		FL17819	Pending	+/- 70	1"	Tape	Zone 4, Level D
Doors - Swinging	350 IR	(L.M.I.)	350IR 8' Outswing Storefront Doors (Wet Glazed)	1631	FL8786	DR-518	Varies	9/16", 1"	Wet	Zone 4, Level D
Doors - Swinging	350 IR	(L.M.I.)	350IR 9' Aluminum Outswing Storefront Doors	1105	FL8786	DR-1196	+/- 65	9/16"	Wet	Zone 4, Level D
Doors - Swinging	350 IR	(L.M.I.)	350IR 8' Outswing Storefront Doors (Dry Glazed)	1791	FL8786	DR-518	Varies	9/16", 1"	Dry	Zone 4, Level D
Doors - Swinging	350 IR / 500 IR	(L.M.I.)	350IR Outswing Storefront Doors (Dry Glazed)	2386, 2387	FL17053	DR-834	Varies	1/4", 1"	Dry	Zone 3, Level D, Rim Panic
Doors - Swinging	500	Non-Impact (N.I)	500 Non-impact Door in Trifab 400	1930	FL15194	N/A	+45/-50	1/4"	Dry	Non-HVHZ
Doors - Swinging	2000T	(S.M.I. / L.M.I.)	2000T Out-swing/In-swing Terrace Door	1699, 1700, 1717-1728	FL13482	DR-1193	+/- 90, +/- 70	1"	Wet, Dry	Zone 4, Level A & D
Doors - Swinging	Flushline	(L.M.I.)	Flushline Outswing Door	2419	FL20102	DR-1199	Varies	1"	Wet	Zone 4, Level D

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Doors - Swinging	350T	(L.M.I.)	Insulpour 350T Thermal Entrance	2611	FL28914	Pending	+/- 70	1"	Wet, Tape	Zone 4, Level D
Doors - Swinging	500T	(L.M.I.)	Insulpour 500T Thermal Entrance	2611	FL28914	Pending	+/- 70	1"	Wet, Tape	Zone 4, Level D
Window - Projected	GLASSvent UT	(S.M.I. / L.M.I.)	Project-Out Window	2252, 2253, 2254, 2254	FL20501	WIN-2642	Varies	1", 1 3/4"	Wet	Zone 4, Level A & D
Window - Projected	GLASSvent UT	(S.M.I. / L.M.I.)	Casement Outswing Window	2252, 2253, 2254, 2255	FL20500	WIN-2643	+/- 90	1", 1 3/4"	Wet	Zone 4, Level A & D
Window - Fixed	AA4325	(S.M.I. / L.M.I.)	Fixed Window	2160 - 2179	FL16792	N/A	+/- 80	1", 1 3/4"	Wet, Dry	Zone 4, Level A & D
Window - Projected	AA4325	(S.M.I. / L.M.I.)	Project-Out Window	2160 - 2179	FL16793	N/A	+/- 80	1", 1 3/4"	Wet, Dry	Zone 4, Level A & D
Window - Casement	AA4325	(S.M.I. / L.M.I.)	Casement Outswing Window	2160 - 2179	FL16794	N/A	+/- 80	1", 1 3/4"	Wet, Dry	Zone 4, Level A & D
Window - Projected	7225/8225TL	(L.M.I.)	Fixed over Project-Out Window	1160, 1928, 1929	FL6206	N/A	+/- 90	9/16"	Wet	Zone 4, Level D



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Window - Projected	7225/8225TL	(S.M.I.)	Fixed over Project-Out Window	1160, 1928, 1929	FL6206	N/A	+100/-130	9/16", 1"	Dry	Zone 4, Level A
Window - Projected	8225TL	(S.M.I. / L.M.I.)	Project-Out Window	1464, 1506	FL11568	WIN-2639	+/- 65	9/16"	Wet, Dry	Zone 4, Level A & D
Window - Single Hung	8430TL	(S.M.I. / L.M.I.)	Single Hung Window	1153, 1386	FL5455	Pending	Varies	Varies	Wet, Dry	All Zones, Level A
Window - Single Hung	TR9100	Non-Impact (N.I.)	Aluminum Single Hung Window		FL16032	Pending	+/- 80, 110	1"	Tape	Non-Impact
Window - Sliding	8400TL	(L.M.I.)	Horizontal Sliding Window	1899, 1900	FL15115	Pending	+/- 90	1"	Wet	Zone 4, Level D
Window - Double Hung	8400TL	Non-Impact (N.I.)	Double Hung Window		FL7912	N/A	+/- 50, +/- 70	1"	Dry	Non-HVHZ
Window - Horizontal Slider	8400TL	Non-Impact (N.I.)	Horizontal Sliding Window		FL7913	N/A	+/- 70	1"	Dry	Non-HVHZ
Window - Single Hung	8400TL	Non-Impact (N.I.)	Single Hung Window		FL7903	N/A	+/- 50, +/- 70	1"	Dry	Non-HVHZ

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Window - Casement	NX3100	Non-Impact	Casement Outswing	87590.01-501-44	FL15880	N/A	±80	1"		
Window - Casement	NX3200	Non-Impact	Casement Inswing	88208.01-501-44	FL15882	WIN-1920	±80	1"	Dry	Non-HVHZ
Project Out Swing	NX3500	Non-Impact	Project Out Swing	87591.01-501-44	FL15883	N/A	±80	1"	Dry	Non-HVHZ
Window - Fixed	TR7100	Non-Impact	Fixed Window	FET T396-10	FL19311	N/A	+/- 100	1"	Wet	Non-HVHZ
Window - Single Hung	TR9100	LMI	Single Hung Window	FET T190-08	FL16005	N/A	+80/-110	1"	Dry	HVHZ
Window - Casement	NX3100	LMI	Outswing Casement	87590.01-501-44 / 89745.04-501-18	FL16006	N/A	Varies	1"		HVHZ
Window - Fixed/Projected	NX3510	LMI	Fixed/Projected Window	90899.02-501-44 / 90899.01-501-18	FL16007	N/A	±100	1"	Wet	HVHZ
Window - Fixed	NX3800	LMI	Fixed Window	92461.01-501-18 / 88210.01-501-44	FL16016	N/A	±120	1"		HVHZ

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Window - Single Hung	TR9100	Non-Impact	Single Hung Window	85805.01-501-44	FL16032	Pending	+80 / -110	1"	Tape	Non-Impact
Window - inswing Projected/Hopper	NX3400	Non-Impact	Inswing Projected/Hopper	88209.01-501-44	FL16034	N/A	±80	1"		Non-Impact
Window - Fixed	NX3800	Non-Impact	Fixed Window	88210.01-501-44	FL16035	WIN-1911	±80	1"	Wet	Non-Impact