

Product Selection Guide

1/10

This guide was developed to assist the specifier in choosing the right product for your project based on design pressure and overall performance to ensure a successful and enduring application.

TRACO products are available with a full range of glass, screen, limit lock and muntin choices. Most products can be curved to meet field conditions. In addition, most aluminum surfaces can be coated with the full range of aluminum finishes including paint conforming to AAMA 2603, AAMA 2604, AAMA 2605 or anodize conforming to AAMA 611.

GENERAL CONDITIONS

- TRACO recommends that you review with your TRACO representative the design load, jobsite conditions and product configurations before preparing your plans and specifications, as local laws and building codes governing fenestration products vary widely and are subject to interpretation by various building team members.

- TRACO products are covered by a limited warranty, tested to AAMA voluntary specifications, and most are thermally improved to reduce condensation. Field air and water performance may vary with size changes and field conditions.

- TRACO reserves the right to change, without prior notice, these drawings and specifications, as TRACO products are constantly modified to meet project requirements.

- TRACO drawings and specifications are published as a public service only, and TRACO disclaims all liability for their use, application or adaptation.

Warranty: TRACO products carry comprehensive warranties available through your design professional.

EXAMPLES OF HISTORIC PANNING AND CUSTOM SURROUNDS



Style	Description	TRACO Model Number	AAMA DESIGNATIONS		Frame Depth	Max. Sash Wt. (Lbs.)	TEST SIZES			PERFORMANCE								OPTIONS			
			"HC" - Heavy Commercial	"C" - Commercial			"AW" - Architectural	Per AAMA WDMA/CSA 101/I.S.2/A-44-05	Frame or [Vent]	width x height	Max. Allowable Air Infiltration (cfm/line.ft.)	Min. Water Resistance (psf)	Design Pressure (psf)	Deflection (psf)	Structural (psf)	U Value	CR	CRF-frame	CRF-glass	Matching Fixed Frame	Dual Glazed
DOUBLE OR SINGLE HUNG 	Single Hung Side Load	TR-9100	H-HC40*	H-AW40	3-1/4"	70	60" x 99"	.3	15	40	40	60	.51**		56**	62**	TR-7100				
	Single Hung Side Load	TR-9700		H-AW40	3-1/4"	70	60" x 99"	.3	15	40	40	60	.51**		56**	62**	TR-7100				
	Double Hung Side Load	TR-9400		H-AW65	4"	80	60" x 99"	.3	12	65	65	97.5	.67		53**	63	TR-9450	•	•		
	Double Hung Side Load	TR-9600		H-AW100	5-1/4"	150	60" x 99"	.3	15	100	100	150	.62	35			TR-9650	•	•		
	Double Hung Side Load	TR-9900		H-AW50	4-1/2"	150	60" x 99"	.3	10	50	50	75	.57**		49**	61**	TR-9950	•	•		
	Double Hung Tilt	NX-500	H-CW50	N/A	3-1/4"	40	48" x 84"	.18*	10	50	50	75	.36**	50**			NX-740				
	Double Hung Tilt	NX-501	H-HC40	—	3-1/4"	60	60" x 99"	.3	8	40	40	60	.44**	50**			NX-741				
	Double Hung Tilt	TR-5000	H-C45	N/A	3-1/4"	40	56" x 91"	.3	7.5	45	N/A	67.5	.47**		47**	57**	TR-7100				
	Double Hung Tilt	TR-9000		H-AW45	4"	60/80	60" x 99"	.3	9	45	45	67.5	.48**		55**	64**	TR-9500	•	•		
	Single Hung Tilt	NX-540	H-CW50	—	3-1/4"	40	48" x 84"	.12*	10	50	N/A	75	.37**	51**			NX-740				
	Single Hung Tilt	NX-541	H-HC40	—	3-1/4"	60	60" x 99"	.3	8	40	40	60					NX-741				
	Single Hung Tilt	TR-5400	H-LC55	N/A	2-3/4"	40	48" x 75"	.3	8.25	70	N/A	105	.47**		50**	61**	TR-7400				
CASEMENT 	2-1/4" Overlap Outswing	NX-210	C-CW50	N/A	2-1/4"	90	32" x 60"	.3	12	50	50	75	.38**	44**			NX-280	•	•		
	2-1/4" Overlap Inswing	NX-220	C-CW50	N/A	2-1/4"	90	32" x 60"	.3	10	50	50	75	.38**	44**			NX-280	•	•		
	3-1/4" Overlap Outswing	NX-310	—	—	3-1/4"	116	36" x 60"						.41**	39**			NX-380	•	•		
	4-5/8" Flush Outswing	TR-710		C-AW80	4-5/8"	116	36" x 60"	.1	12	80	80	120	.48**		53	64	TR-780	•	•		
	4-5/8" Flush Inswing	TR-720		C-AW80	4-5/8"	116	36" x 60"	.1	12	80	80	120					TR-780	•	•		
	2-1/4" Flush Outswing	TR-2100		C-AW70	2-1/4"	116	36" x 60"	.1	12	70	70	105					TR-2800	•	•		
	2-1/4" Flush Inswing	TR-2200		C-AW65	2-1/4"	116	36" x 60"	.1	12	65	65	97.5					TR-2800	•	•		
	3-1/4" Overlap Outswing	NX-3100		C-AW80	3-1/4"	90	36" x 60"	.1	15	80	80	120	.34**	43**	55**	79**	NX-3800	•	•		
	3-1/4" Overlap Inswing	NX-3200		C-AW80	3-1/4"	90	36" x 60"	.1	15	80	80	120	.42**	43**			NX-3800	•	•		
TILT/TURN	3-1/4" Overlap Top Hinge Inswing	NX-3700		DAW-AW50	3-1/4"	130	60" x 99"	.1	15	50	50	75					TR-3800	•	•		
PROJECTED 	2-1/4" Overlap Project In	NX-240	AP-CW50	N/A	2-1/4"	90	48" x 32"	.3	10	50	50	75	.38**	44**	61**	65**	NX-280	•	•		
	2-1/4" Overlap Project Out	NX-250	AP-CW50	N/A	2-1/4"	90	48" x 32"	.3	12	50	50	75	.38**	44**			NX-280	•	•		
	3-1/4" Overlap Project Out	NX-350	—	—	3-1/4"	116	60" x 32"						.41**	39**			NX-380	•	•		
	4-5/8" Flush Project In	TR-740		AP-AW80	4-5/8"	116	60" x 36"	.1	12	80	80	120					TR-780	•	•		
	4-5/8" Flush Project Out	TR-750		AP-AW80	4-5/8"	116	60" x 36"	.1	12	80	80	120					TR-780	•	•		
	2-1/4" Flush Project In	TR-2400		AP-AW80	2-1/4"	162	60" x 36"	.1	15	80	80	120	.63**		46**	66**	TR-2800	•	•		
	2-1/4" Flush Project Out	TR-2500		AP-AW80	2-1/4"	162	60" x 36"	.1	12	80	80	120	.63**		46**	66**	TR-2800	•	•		
	3-1/4" Overlap Project In	NX-3400		AP-AW80	3-1/4"	162	60" x 36"	.1	15	80	80	120	.44**	43**			TR-3800	•	•		
	3-1/4" Overlap Project Out	NX-3500		AP-AW80	3-1/4"	162	60" x 36"	.1	15	80	80	120	.44**	45**			TR-3800	•	•		
SLIDING 	3-1/4" Double Slide	NX-600	HS-CW50	NA	3-1/4"	100	71" x 60"	.3	12	50	50	75	.38**	49**			NX-740	•	•		
	3-1/4" Double Slide	TR-6000	HS-C45	N/A	3-1/4"	100	71" x 60"	.3	9	45	N/A	67.5	.58**		49**	58**	TR-7100	•	•		
	4" Double Slide	TR-6300		HS-AW50	4"	170	99" x 79"	.3	15	50	50	75	.55**		53**	69**	TR-9500	•	•		
	3-1/4" Single Slide	NX-640		NA	3-1/4"	100	71" x 60"	.3	10	50	50	75	.36**	53**			NX-740	•	•		
	2-3/4" Single Slide	TR-6400	HS-CW50	N/A	2-3/4"	100	71" x 60"	.3	6	40	N/A	60	.48**		54**	59**	TR-7400	•	•		
	3-1/4" Single Slide	TR-6800		HS-AW50	3-1/4"	170	99" x 79"	.3	10	50	50	75	.43**		52**	69**	TR-7100	•	•		
FIXED 	2-1/4" Depth	NX-280	F-CW50	N/A	2-1/4"	234	60" x 60"	.3	12	50	50	75	.33**	46**			N/A	•	•		
	3-1/4" Depth	NX-380	—	—	3-1/4"	234	60" x 72"						.32**	42**			N/A	•	•		
	3-1/4" Depth	NX-740	F-CW50	N/A	3-1/4"	234	60" x 60"	.3	12	50	50	75	.31**	53**			N/A	•	•		
	3-1/4" Depth	NX-741	F-HC50	—	3-1/4"	234	60" x 72"	.3	10	50	50	75					N/A	•	•		
	4-5/8" Depth	TR-780		AW80	4-5/8"	250	60" x 99"	.1	15	80	80	120	.33**		59**	72**	N/A	•	•		
	2-1/4" Depth	TR-2800		AW80	2-1/4"	250	60" x 99"	.1	12	80	80	120	.59				N/A	•	•		
	3-1/4" Depth	NX-3800		AW80	3-1/4"	250	60" x 99"	.1	15	80	80	120	.33**	43**	57**	83**	N/A	•	•		
	3-1/4" Depth	TR-7100		F-AW80	3-1/4"	250	60" x 99"	.1	15	80	80	120	.42**		60**	69**	N/A	•	•		
	2-3/4" Depth	TR-7400		F-C65	N/A	2-3/4"	234	60" x 60"	.3	10	65	N/A	97.5	.41**	42**			N/A	•	•	
	3-1/4" Depth	TR-7900		F-AW90	3-1/4"	250	60" x 99"	.1	20	90	90	135	.42**		60**	69**	N/A	•	•		
	5-1/4" Depth	TR-9460		F-AW100	3-1/4"	250	60" x 99"	.1	12	100	100	150	.41**		58*	65**	N/A	•	•		
	4" Depth	TR-9500		F-AW100	4"	234	60" x 99"	.1	15	100	100	150					N/A	•	•		
	4-1/4" Depth	TR-9950		F-AW100	4"	234	60" x 99"	.1	15	100	100	150	.70				N/A	•	•		
SLIDING OR TERRACE DOORS 	2 Panel	NX-840	SD-CW50	—	4-3/8"	208	95" x 83"	.12*	6.75	40	N/A	60	.34**	48**			N/A	•	•		
	3 Panel	TR-8300	—	SD-AW50	4-5/8"	208	187" x 96"	.3	12	50	50	75	.55**		58**	70**	TR-8350	•	•		
	2, 3 or 4 Panel	TR-8410	—	—	4-1/2"	208	116" x 94"	.09	6	40	N/A	60	.60				N/A	•	•		
	Prehung Outswing	NX-8910		ATD-AW50	3 1/4" / 4 5/8"	250	48" x 96"	.1	15	50	50	75	.42**	45**	60**	78**	NX-8950	•	•		
	Prehung Inswing	NX-8920		ATD-AW50	3 1/4" / 4 5/8"	250	48" x 96"	.1	12	50	50	75	.42**	45**			NX-8950	•	•		

AAMA DESIGNATIONS

① AAMA Architectural "AW" Class

Includes: 'Life Cycle' testing
 Test Sizes: large sizes, similar to "HC"
 Design Pressure Min.: 40 psf
 Purpose: very large openings with heavy use
 Typical Applications: Educational and Monumental

② AAMA Heavy Commercial "HC" Class

Includes: sash removal by maintenance personnel only
 Test Sizes: large sizes
 Design Pressure Min.: 40 psf
 Purpose: large openings with heavy use
 Typical Applications: Educational, Historic Replication

③ AAMA Commercial "C" Class

Includes: heavy duty (not residential) hardware
 Test Sizes: medium sizes
 Design Pressure Min.: 30 psf
 Purpose: medium openings with medium use
 Typical Applications: Multi-family, Offices

* Tested @1.56 psf (all others air infiltration tested @6.24 psf)

** Thermal tested with Low E glass (all others thermal tested with clear glass)

*** Testing in progress

**** Tested per AAMA WDMA/CSA 101/I.S.2/A440-08