TORO ALUMINUM GROUP OF COMPANIES

PRODUCT PERFORMANCE TABLE

PRODUCT TYPE		PRODUCT SERIES	ASTM E283 AIR TIGHTNESS PSF		ASTM E547/E331 WATER TIGHTNESS (STATIC)		AAMA 501.1 WATER TIGHTNESS (DYNAMIC)		ASTM E330 OR AAMA TIR A8-03 STRUCTURAL (DESIGN PRESSURE) (MODULE SIZE)		AAMA 501.7 VERTICAL LIVE LOAD		AAMA 501.4 ELASTIC/INELASTIC SEISMIC HORIZONTAL DISPLACEMENT	
			psf (cfm/ft2)	Pa (L/s*m2)	(psf)	(Pa)	(psf/mph)	(Pa/km/h)	(psf) (W" x H")	(Pa) (Wmm x Hmm)	(Inches)	(mm)	(Inches)	(mm)
Awning window	Outward Swing	2487	6.24 (0.01)	300(0.1)	15	718	30/112	1436/180	80 (60" x 36")	3840 (1524 x 914)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
		258T	1.57 (0.01)	75 (0.1)	15	718	30/112	1436/180	80 (60" x 37")	3840 (1524 x 927)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
Hopper window	Inswing	858T	6.24(0.01)	300(0.1)	15	718	30/112	1436/180	80 (60" x 36")	3840 (1524 x 914)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
Casement window	Outward Swing	2487	1.57 (<0.01)	75 (<0.1)	15	718	30/112	1436/180	80 (36" x 60")	3840 (914 x 1524)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
		258T	1.57 (0.05)	75 (0.3)	15	718	30/112	1436/180	80 (36" x 61")	3840 (914 x 1537)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
Dual-action door (single)	Inswing	658T	6.27 (0.01)	300 (0.01)	15	718	30/112	1436/180	75 (43" x 83")	3600 (1092 x 2181)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
Dual-action door (double)		658T	6.27 (0.01)	300 (0.01)	15	718	30/112	1436/180	60 (72" x 83")	2872 (1828 x 2108)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
Fixed Window	NA	2487	1.57 (0.01)	75 (<0.1)	15	718	30/112	1436/180	60 (48" x 99")	2872 (1219 x 2515)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
		258T	6.27 (0.01)	300 (0.1)	15	718	30/112	1436/180	60 (60" x 105")	2872 (1524 x 2667)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
Spandrel (6mm backpainted single pane glass*)	NA	2487	6.27 (0.01)	300 (0.05)	15	718	30/112	1436/180	60 (48" x 99")	2872 (1219 x 2515)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
		258T	6.27 (0.01)	300 (0.05)	15	718	30/112	1436/180	60 (60" x 105)	2872 (1219 x 2667)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
Spandrel (aluminum flat panel)	NA	2487	6.27 (0.01)	300 (0.05)	15	718	30/112	1436/180	60 (48" x 99")	2872 (1219 x 2515)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
		258T	6.27 (0.01)	300 (0.05)	15	718	30/112	1436/180	60 (60" x 105")	2872 (1219 x 2667)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
Sliding Door (2 panel)	NA	7487	6.27 (0.17)	300 (0.86)	15	718	30/112	1436/180	60 (97" x 83")	2872 (2464 x 2108)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
		758T	6.27 (0.06)	300 (0.30)	15	718	30/112	1436/180	80 (95" x 83")	3840 (2414 x 2108)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
Sliding Door (4 panel)	NA	7487	6.27 (0.14)	300 (0.71)	15	718	NA	NA	60 (146" x 83")	2872 (3708 x 2108)	NA	NA	NA	NA
		758T	6.27 (0.06)	300 (0.30)	15	718	30/112	1436/180	70 (144" x 83")	3351 (3658 x 2108)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
Side-hinged door (single)	Out-Swing	4487	1.57 (0.01)	75 (<0.3)	15	718	30/112	1436/180	80 (40" x 83")	3840 (1010 x 2108)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
		458T	6.27 (0.09)	300 (0.5)	15	718	30/112	1436/180	80 (72" x 83")	3840 (1828 x 22108)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
	In-swing	4487	1.57 (0.19)	75 (1.0)	15	718	NA	NA	80 (40" x 83")	3840 (1010 x 2121)	NA	NA	NA	NA
		458T	6.27 (0.22)	300 (1.1)	9	430	NA	NA	60 (39" x 88")	2880 (991 x 2238)	NA	NA	NA	NA
Side-hinged door (double)	Out-Swing	4487	6.27 (0.03)	300 (0.15)	15	718	30/112	1436/180	60 (82" x 83")	2872 (2082 x 2108)	+/-1"	+/-25.4mm	2.5-3.75	63.5-95.3
		448T	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD