

1-9/16" Insulating Unit																																							
Constructed with a 3/8" outboard and two plies of 5/16" laminated on the inboard, all plies fully tempered (FT) glass and .060" PVB interlayer																																							
Wind Load	Width (Base)	Height																																					
		24"		36"		48"		60"		72"		84"		96"		108"		120"		132"		144"		156"		168"		180"		192"		204"		216"		228"			
		Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline
60 psf	24"	<0.04"	1-1/8"	<0.04"	7/8"	<0.04"	7/8"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"
	36"	<0.04"	7/8"	0.04"	7/8"	0.05"	3/4"	0.08"	5/8"	0.12"	5/8"	0.09"	5/8"	0.08"	5/8"	0.10"	5/8"	0.07"	5/8"	0.09"	5/8"	0.05"	5/8"	0.07"	1/2"	0.12"	1/2"	0.07"	1/2"	0.12"	1/2"	0.07"	1/2"	0.12"	1/2"	0.08"	1/2"	0.13"	1/2"
	48"	<0.04"	7/8"	0.05"	3/4"	0.13"	5/8"	0.16"	5/8"	0.17"	5/8"	0.21"	1/2"	0.24"	1/2"	0.23"	1/2"	0.25"	1/2"	0.24"	1/2"	0.23"	1/2"	0.24"	1/2"	0.24"	1/2"	0.23"	1/2"	0.24"	1/2"	0.28"	1/2"	0.25"	1/2"	0.28"	1/2"	0.27"	1/2"
	60"	<0.04"	3/4"	0.08"	5/8"	0.16"	5/8"	0.24"	5/8"	0.23"	5/8"	0.32"	1/2"	0.35"	1/2"	0.38"	1/2"	0.43"	1/2"	0.41"	1/2"	0.40"	1/2"	0.42"	1/2"	0.42"	1/2"	0.49"	1/2"	0.50"	1/2"	0.42"	1/2"	0.42"	1/2"	0.45"	1/2"	0.50"	1/2"
	72"	<0.04"	3/4"	0.12"	5/8"	0.17"	5/8"	0.23"	5/8"	0.36"	5/8"	0.39"	5/8"	0.42"	5/8"	0.50"	5/8"	0.55"	1/2"	0.61"	1/2"	0.69"	1/2"	0.63"	1/2"	0.62"	1/2"	0.76"	1/2"	0.77"	1/2"	0.76"	1/2"	0.82"	1/2"	0.64"	1/2"	0.64"	1/2"
	84"	<0.04"	3/4"	0.09"	5/8"	0.21"	1/2"	0.32"	1/2"	0.39"	5/8"	0.50"	5/8"	0.54"	5/8"	0.60"	5/8"	0.71"	5/8"	0.77"	5/8"	0.84"	5/8"	0.94"	5/8"	1.03"	5/8"	1.02"	5/8"	0.94"	5/8"	1.10"	5/8"	1.07"	5/8"	1.19"	5/8"	1.19"	5/8"
	96"	<0.04"	3/4"	0.08"	5/8"	0.24"	1/2"	0.35"	1/2"	0.42"	5/8"	0.54"	5/8"	0.67"	5/8"	0.76"	5/8"	0.81"	5/8"	0.93"	5/8"	1.01"	5/8"	1.12"	5/8"	1.23"	5/8"	1.34"	5/8"	1.42"	5/8"	1.37"	5/8"	1.30"	5/8"	1.53"	5/8"	1.53"	5/8"
	108"	<0.04"	3/4"	0.10"	5/8"	0.23"	1/2"	0.38"	1/2"	0.50"	5/8"	0.60"	5/8"	0.76"	5/8"	0.88"	5/8"	0.97"	5/8"	1.09"	5/8"	1.17"	5/8"	1.30"	5/8"	1.42"	5/8"	1.55"	5/8"	1.68"	5/8"	1.75"	5/8"	1.87"	5/8"	1.87"	5/8"	1.87"	5/8"
120"	<0.04"	3/4"	0.07"	5/8"	0.25"	1/2"	0.43"	1/2"	0.55"	1/2"	0.71"	5/8"	0.81"	5/8"	0.97"	5/8"	1.12"	3/4"	1.24"	5/8"	1.37"	5/8"	1.50"	5/8"	1.63"	5/8"	1.77"	5/8"	1.85"	5/8"	1.97"	5/8"	2.09"	5/8"	2.22"	5/8"	2.22"	5/8"	
132"	<0.04"	3/4"	0.09"	5/8"	0.23"	1/2"	0.41"	1/2"	0.61"	1/2"	0.77"	5/8"	0.93"	5/8"	1.09"	5/8"	1.24"	5/8"	1.39"	3/4"	1.53"	3/4"	1.67"	3/4"	1.78"	3/4"	1.91"	3/4"	2.04"	3/4"	2.18"	3/4"	2.31"	3/4"	>2.36"	3/4"	>2.36"	3/4"	
50 psf	24"	<0.04"	1"	<0.04"	7/8"	<0.04"	7/8"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"
	36"	<0.04"	7/8"	<0.04"	7/8"	0.04"	5/8"	0.07"	5/8"	0.10"	5/8"	0.09"	5/8"	0.08"	5/8"	0.08"	1/2"	0.07"	1/2"	0.08"	1/2"	0.05"	1/2"	0.11"	1/2"	<0.04"	1/2"	0.08"	1/2"	0.05"	1/2"	0.08"	1/2"	0.11"	1/2"	0.09"	1/2"	0.09"	1/2"
	48"	<0.04"	7/8"	0.04"	5/8"	0.11"	5/8"	0.15"	5/8"	0.16"	1/2"	0.19"	1/2"	0.22"	1/2"	0.22"	1/2"	0.21"	1/2"	0.22"	1/2"	0.17"	1/2"	0.21"	1/2"	0.16"	1/2"	0.21"	1/2"	0.25"	1/2"	0.24"	1/2"	0.25"	1/2"	0.24"	1/2"	0.23"	1/2"
	60"	<0.04"	3/4"	0.07"	5/8"	0.15"	5/8"	0.21"	5/8"	0.22"	1/2"	0.27"	1/2"	0.31"	1/2"	0.35"	1/2"	0.38"	1/2"	0.39"	1/2"	0.38"	1/2"	0.40"	1/2"	0.43"	1/2"	0.42"	1/2"	0.40"	1/2"	0.45"	1/2"	0.43"	1/2"	0.45"	1/2"	0.43"	1/2"
	72"	<0.04"	3/4"	0.10"	5/8"	0.16"	1/2"	0.22"	1/2"	0.32"	5/8"	0.32"	1/2"	0.39"	1/2"	0.42"	1/2"	0.50"	1/2"	0.55"	1/2"	0.61"	1/2"	0.63"	1/2"	0.61"	1/2"	0.61"	1/2"	0.71"	1/2"	0.71"	1/2"	0.72"	1/2"	0.72"	1/2"	0.72"	1/2"
	84"	<0.04"	3/4"	0.09"	5/8"	0.19"	1/2"	0.27"	1/2"	0.32"	1/2"	0.45"	5/8"	0.51"	1/2"	0.55"	1/2"	0.60"	1/2"	0.70"	1/2"	0.76"	1/2"	0.83"	1/2"	0.92"	1/2"	0.85"	1/2"	0.77"	1/2"	0.93"	1/2"	0.91"	1/2"	1.03"	1/2"	1.03"	1/2"
	96"	<0.04"	3/4"	0.08"	5/8"	0.22"	1/2"	0.31"	1/2"	0.39"	1/2"	0.51"	1/2"	0.61"	5/8"	0.63"	5/8"	0.75"	5/8"	0.81"	5/8"	0.92"	5/8"	0.99"	5/8"	1.09"	5/8"	1.19"	5/8"	1.28"	5/8"	1.14"	5/8"	1.36"	5/8"	1.30"	5/8"	1.30"	5/8"
	108"	<0.04"	3/4"	0.08"	1/2"	0.17"	1/2"	0.35"	1/2"	0.42"	1/2"	0.55"	1/2"	0.63"	5/8"	0.80"	5/8"	0.83"	5/8"	0.96"	5/8"	1.03"	5/8"	1.15"	5/8"	1.27"	5/8"	1.39"	5/8"	1.50"	5/8"	1.58"	5/8"	1.58"	5/8"	1.58"	5/8"	1.59"	5/8"
120"	<0.04"	3/4"	0.07"	1/2"	0.20"	1/2"	0.38"	1/2"	0.50"	1/2"	0.60"	1/2"	0.75"	5/8"	0.83"	5/8"	1.01"	5/8"	1.11"	5/8"	1.23"	5/8"	1.32"	5/8"	1.45"	5/8"	1.58"	5/8"	1.66"	5/8"	1.78"	5/8"	1.90"	5/8"	2.01"	5/8"	2.01"	5/8"	
132"	<0.04"	3/4"	0.07"	1/2"	0.22"	1/2"	0.39"	1/2"	0.55"	1/2"	0.70"	1/2"	0.81"	5/8"	0.96"	5/8"	1.11"	5/8"	1.25"	5/8"	1.38"	5/8"	1.51"	5/8"	1.61"	5/8"	1.74"	5/8"	1.86"	5/8"	1.98"	5/8"	2.10"	5/8"	2.22"	5/8"	2.22"	5/8"	
40 psf	24"	<0.04"	1"	<0.04"	7/8"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"
	36"	<0.04"	7/8"	<0.04"	3/4"	<0.04"	5/8"	0.05"	5/8"	0.08"	5/8"	0.05"	1/2"	0.07"	1/2"	0.07"	1/2"	0.16"	1/2"	0.06"	1/2"	0.05"	1/2"	<0.04"	1/2"	0.09"	1/2"	0.09"	1/2"	0.06"	1/2"	0.10"	1/2"	0.07"	1/2"	0.07"	1/2"	0.07"	1/2"
	48"	<0.04"	3/4"	<0.04"	5/8"	0.09"	5/8"	0.10"	1/2"	0.15"	1/2"	0.16"	1/2"	0.19"	1/2"	0.12"	1/2"	0.16"	1/2"	0.18"	1/2"	0.18"	1/2"	0.16"	1/2"	0.15"	1/2"	0.16"	1/2"	0.21"	1/2"	0.17"	1/2"	0.20"	1/2"	0.20"	1/2"	0.20"	1/2"
	60"	<0.04"	3/4"	0.05"	5/8"	0.10"	1/2"	0.19"	1/2"	0.17"	1/2"	0.22"	1/2"	0.26"	1/2"	0.30"	1/2"	0.33"	1/2"	0.27"	1/2"	0.26"	1/2"	0.34"	1/2"	0.34"	1/2"	0.36"	1/2"	0.28"	1/2"	0.29"	1/2"	0.38"	1/2"	0.37"	1/2"	0.37"	1/2"
	72"	<0.04"	3/4"	0.08"	5/8"	0.15"	1/2"	0.17"	1/2"	0.28"	1/2"	0.27"	1/2"	0.37"	1/2"	0.39"	1/2"	0.42"	1/2"	0.48"	1/2"	0.52"	1/2"	0.43"	1/2"	0.44"	1/2"	0.57"	1/2"	0.57"	1/2"	0.61"	1/2"	0.62"	1/2"	0.60"	1/2"	0.60"	1/2"
	84"	<0.04"	3/4"	0.05"	1/2"	0.16"	1/2"	0.22"	1/2"	0.27"	1/2"	0.40"	1/2"	0.41"	1/2"	0.50"	1/2"	0.54"	1/2"	0.59"	1/2"	0.65"	1/2"	0.72"	1/2"	0.80"	1/2"	0.72"	1/2"	0.86"	1/2"	0.79"	1/2"	0.91"	1/2"	0.88"	1/2"	0.88"	1/2"
	96"	<0.04"	3/4"	0.07"	1/2"	0.19"	1/2"	0.26"	1/2"	0.37"	1/2"	0.41"	1/2"	0.54"	1/2"	0.57"	1/2"	0.62"	1/2"	0.73"	1/2"	0.79"	1/2"	0.85"	1/2"	0.95"	1/2"	1.02"	1/2"	1.11"	1/2"	0.96"	1/2"	1.16"	1/2"	1.10"	1/2"	1.10"	1/2"
	108"	<0.04"	3/4"	0.07"	1/2"	0.12"	1/2"	0.30"	1/2"	0.39"	1/2"	0.50"	1/2"	0.57"	1/2"	0.70"	1/2"	0.77"	1/2"	0.94"	1/2"	1.00"	1/2"	1.11"	1/2"	1.21"	1/2"	1.30"	1/2"	1.38"	1/2"	1.48"	1/2"	1.35"	1/2"	1.35"	1/2"	1.35"	1/2"
120"	<0.04"	3/4"	0.05"	1/2"	0.16"	1/2"	0.33"	1/2"	0.42"	1/2"	0.54"	1/2"	0.62"	1/2"	0.77"	1/2"	0.89"	5/8"	0.97"	5/8"	1.03"	5/8"	1.15"	1/2"	1.27"	1/2"	1.38"	1/2"	1.46"	1/2"	1.57"	1/2"	1.67"	1/2"	1.78"	1/2"	1.78"	1/2"	
132"	<0.04"	5/8"	0.06"	1/2"	0.18"	1/2"	0.27"	1/2"	0.48"	1/2"	0.59"	1/2"	0.73"	1/2"	0.82"	1/2"	0.97"	5/8"	1.11"	5/8"	1.17"	5/8"	1.30"	5/8"	1.41"	5/8"	1.54"	5/8"	1.64"	5/8"	1.76"	5/8"	1.87"	5/8"	1.98"	5/8"	1.98"	5/8"	
30 psf	24"	<0.04"	1"	<0.04"	7/8"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	3/4"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"	<0.04"	5/8"
	36"	<0.04"	7/8"	<0.04"	3/4"	<0.04"	5/8"	0.04"	5/8"	0.06"	1/2"	<0.04"	1/2"	0.05"	1/2"	0.05"	1/2"	0.15"	1/2"	0.05"	1/2"	<0.04"	1/2"	0.05"	1/2"	<0.04"	1/2"	0.07"	1/2"	0.06"	1/2"	<0.04"	1/2"	0.06"	1/2"	<0.04"	1/2"	0.07"	1/2"
	48"	<0.04"	3/4"	<0.04"	5/8"	0.07"	5/8"	0.07"	1/2"	0.11"	1/2"	0.14"	1/2"	0.15"	1/2"	0.15"	1/2"	0.12"	1/2"	0.14"	1/2"	0.14"	1/2"	0.12"	1/2"	0.14"	1/2"	0.17"	1/2"	0.17"	1/2"	0.17"	1/2"	0.17"	1/2"	0.17"	1/2"	0.17"	1/2"
	60"	<0.04"	3/4"	0.04"	5/8"	0.07"	1/2"	0.16"	1/2"	0.16																													