

TECTUM THERMAL PERFORMANCE

Panel Type	Substrate Thickness (Inches)	Insulating Foam Thickness	Total Panel Thickness (Inches)	R-Value for Tectum Substrate	Heat Flow Up*	Heat Flow Down*	Weight PSF
Tectum E Roof Deck	1½"	¾"	2¾"	6.02	7.31	7.70	3.8
	1½"	1½"	3½"	8.91	10.20	10.59	3.8
	1½"	2"	4"	10.83	12.12	12.5	3.9
	1½"	3"	5"	14.68	15.97	16.36	4.0
	1½"	4"	6"	18.53	19.82	20.21	4.1
	1½"	5¼"	7¼"	23.34	24.63	25.02	4.2
	1½"	6½"	8½"	28.16	29.45	29.84	4.3
	1½"	7"	9"	30.08	31.37	31.76	4.4
	1½"	8"	10"	33.93	35.22	35.61	4.5
<b>Panel Type</b>							
Tectum NS Roof Deck	1½"	½"	2½"	5.06	6.35	6.74	3.8
	2"	½"	3"	5.93	7.22	7.61	5.0
	2½"	½"	3½"	6.81	8.10	8.49	6.0
	3"	½"	4"	6.18	7.47	7.86	6.8