

TECTUM® III Roof Deck Design Guidelines

Design Load Data

System	Thickness***	Wt. (psf)***	Product	24"	30"	36"	38"	40"	42"	44"	48"	50"	52"	54"	60"	66"	72"	84"	96"
Comp. Plank Tectum® III	3½"	4.4	III	200	180	165	150	135	125	115	95	85	75	70	60	55	50		
	4"	4.6	III		200	195	175	155	140	120	110	100	95	85	70	60	50	35	
	5"	5.0	III						200	175	135	125	115	105	85	70	60	50	35
	6", 7"	5.2	III								200	180	170	160	150	125	105	75	60
	8", 9", 10"	5.5	III												200	165	136	100	75

**All published design loads are based on a minimum safety factor of four. For example, 50 psf design load has an ultimate load of 200 psf.

***Thickness and weight are nominal. For loads greater than 200 lbs., contact Armstrong Building Solutions.

Contact Armstrong® Techline for more information—techline@armstrongceilings.com

1 877 ARMSTRONG
armstrongbuildingsolutions.com/tectum

BPRD-1022-1117

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