

SPAN CALCULATIONS

TABLE 1—DECK BOARD SPAN RATINGS^{1,2}

NOMINAL DIMENSIONS (inches)	Maximum Span (in)	Allowable Capacity (lbf/ft ²)
5/4-by-5.5 Solid Core	16	100
5/4-by-5.5 Vision Groove	16	100
2-by-4 Solid Core	24	100
2-by-6 Solid Core	24	100
5/4-by-5.5 Armadillo Solid	16	100
5/4-by-5.5 Armadillo Groove	16	100

For SI: 1 inch = 25.4 mm, 1 psf = 47.9 Pa.

¹Maximum span is measured center-to-center perpendicular of the supporting construction.

²Maximum allowable capacity is adjusted for durability. No further increases are permitted.