

FOR PROFESSIONALS

Floorizon™ Planks Span Rating Chart*

Allowable Span Based on Bending Stress

Loading Condition	40 PSF		60 PSF		80 PSF		100 PSF	
	Span (in.)	Deflection (in.)	Span (in.)	Deflection (in.)	Span (in.)	Deflection (in.)	Span (in.)	Deflection (in.)
Single Span, 90°	41	0.16	34	0.11	30	0.09	27	0.07
Triple Span, 90°	46	0.13	38	0.09	34	0.07	30	0.06
Single Span, 45°	29	0.16	24	0.11	21	0.09	19	0.07
Triple Span, 45°	33	0.14	27	0.09	24	0.07	21	0.06

Allowable Span Based on Deflection of 1/360

Loading Condition	40 PSF		60 PSF		80 PSF		100 PSF	
	Span (in.)	Deflection (in.)	Span (in.)	Deflection (in.)	Span (in.)	Deflection (in.)	Span (in.)	Deflection (in.)
Single Span, 90°	37	0.10	33	0.09	30	0.08	28	0.07
Triple Span, 90°	46	0.12	40	0.11	37	0.10	34	0.09
Single Span, 45°	26	0.10	23	0.09	21	0.08	19	0.07
Triple Span, 45°	32	0.12	28	0.11	26	0.10	24	0.09

*Spans shown in tables are merely to show results of deflection tests. Under no circumstances should TimberTech Floorizon™ Plank be installed with joist spans greater than 24" for perpendicular layouts and 20" for diagonal layout. Please be sure to follow published installation instructions.