

Maximum Allowable Deck Spans TROPICAL FOREST PRODUCTS Decking

The following chart indicates the engineered maximum allowable decking spans for the combined Tropical Forest Products group of decking products based on the lowest collective mechanical properties of all species sold under the Tropical Forest Products brand.

Referenced maximum allowable deck spans are specific to Tropical Forest Products brand decking products and grading rules and should not be relied on for Non-Tropical Forest Products hardwood decking products.

MAXIMUM ALLOWABLE SPANS				
TFP DECKING				
PREMIUM SELECT ARCHITECTURAL GRADE	Deck	Loading		
		<u>Thickness</u>	<u>60 psf</u>	<u>100 psf</u>
	0.75 in	27 in	24 in	12 in
	1.00 in	39 in	33 in	18 in
	1.50 in	57 in	48 in	27 in
	2.50 in	96 in	81 in	48 in
	3.50 in	135 in	114 in	66 in

Deck Live Load

Deflection is limited to $L/360$, total deflection is limited to $L/240$, L is the span length.

Deflection (bounce) is subjective. It must be noted that deflection reduces by reducing the decking span.

Building Inspectors should request signed engineering documents to verify basis of structural design and building code compliance. Tropical Forest Products Decking, Signed and Stamped engineering documents are available upon request.