
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.

The 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	60 psf	100 psf	500 psf
PREMIUM SELECT ARCHITECTURAL GRADE			
Deck	Loading		
Thickness	60 psf	100 psf	500 psf
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

TROPICAL

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 is reduced by reducing the decking span.

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