

International Residential Code (IRC)  
For One & Two Family Dwellings

Joist Spacing for Pressure Treated Wood RED (Radius Edge) Decking:

I. Section R507 Exterior Decks

- a. R507.4 – Maximum allowable spacing for joist supporting decking shall be in accordance with Table R507.4 (see table below). Wood decking shall be attached to each supporting member with not less than (2) 8d threaded nails or (2) No. 8 wood screws.

**Maximum Joist Spacing for Decks**

<b>Decking Type</b>	<b>Perpendicular to Joist</b>	<b>Diagonal to Joist</b> (Maximum angle of 45° from perpendicular)
Wood- 5/4" (actual 1" thick)	16" On Center	12" On Center
Wood- 2" (actual 1-1/2" thick)	24" On Center	16" On Center
Plastic composite	In compliance with ASTM D 7032 As per manufacturer specifications	In compliance with ASTM D 7032 As per manufacturer specifications