

## SPAN RATINGS

APA RATED SHEATHING, APA RATED STURD-I-FLOOR and APA RATED SIDING carry numbers in their trademarks called Span Ratings. These denote the maximum recommended center-to-center spacing in inches of supports over which the panels should be placed in construction applications. Except for APA RATED SIDING panels, the Span Rating applies when the long panel dimension or strength axis is across supports, unless the strength axis is otherwise identified. The Span Rating of APA RATED SIDING panels applies when installed vertically.

The Span Rating on APA RATED SHEATHING panels appears as two numbers separated by a slash, such as 32/16, 48/24, etc.<sup>(a)</sup> The left-hand number denotes the maximum recommended spacing of supports when the panel is used for roof sheathing with the **long dimension or strength axis of the panel across three or more supports**. The right-hand number indicates the maximum recommended spacing of supports when the panel is used for subflooring with the **long dimension or strength axis of the panel across three or more supports**. A panel marked 32/16, for example, may be used for roof decking over supports up to 32 inches on center or for subflooring over supports up to 16 inches on center.

The Span Rating on APA RATED STURD-I-FLOOR and APA RATED SIDING panels appears as a single number. APA RATED STURD-I-FLOOR panels are designed specifically for single-floor (combined subfloor-underlayment) applications under carpet and pad and are manufactured with Span Ratings of 16, 20, 24, 32 and 48 oc. The Span Ratings for APA RATED STURD-I-FLOOR panels, like those for APA RATED SHEATHING, are based on application of the panel with the **long dimension or strength axis across three or more supports (two spans)**.

APA RATED SIDING is available with Span Ratings of 16 and 24 oc. Span-rated panels and lap siding may be used direct to studs or over nonstructural wall sheathing (Sturd-I-Wall construction), or over nailable panel or lumber sheathing (double wall construction). Panels and lap siding with a Span Rating of 16 oc may be applied direct to studs spaced 16 inches on center. Panels and lap siding bearing a Span Rating of 24 oc may be used direct to studs 24 inches on center. All RATED SIDING panels may be applied horizontally direct to studs 16 or 24 inches on center provided horizontal joints are blocked. When used over nailable structural sheathing, the Span Rating of APA RATED SIDING panels refers to the maximum recommended spacing of vertical rows of nails rather than to stud spacing.

<sup>(a)</sup> An exception is APA RATED SHEATHING intended for use as wall sheathing only. The trademarks for such panels contain a single number similar to the Span Rating for APA RATED SIDING.

<b>APA RATED SHEATHING</b>	
Panel Span Rating	Typical Panel Thickness (in.)
12/0	5/16
16/0	5/16
20/0	5/16
24/0	3/8
24/16	7/16
32/16	15/32, 1/2
40/20	19/32, 5/8
48/24	23/32, 3/4
60/32	7/8

<b>APA RATED STURD-I-FLOOR</b>	
Panel Span Rating	Typical Panel Thickness (in.)
16 oc	19/32, 5/8
20 oc	19/32, 5/8
24 oc	23/32, 3/4
32 oc	7/8
48 oc	1-3/32, 1-1/8

Technical Services Division

**DISCLAIMER**

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