Boise Cascade

Plywood Sturd-I-Floor®

Panel Uses & Information:

Designed for use in single-layer floor construction beneath carpet and pad. The span rating is stamped on each panel. Glue-nailing is recommended for Sturd-I-floor panels, though panels maybe nailed only. Install with smooth side up. Stagger panel end joists. Spacing of 1/8" is recommended at panel ends and edges, unless otherwise indicated.

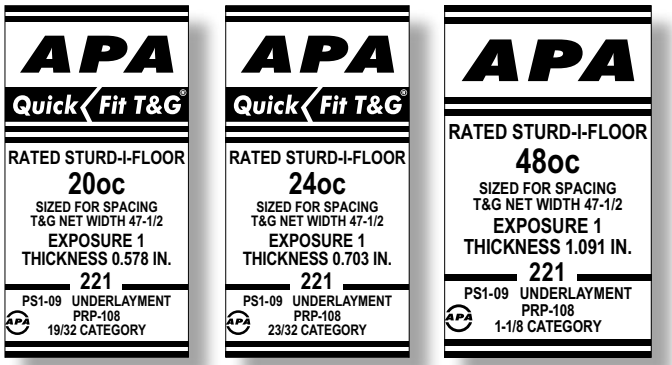
Sturd-I-Floor also features APA Quick-Fit™ Tongue & Groove design so panels fit together quickly and easily, for even faster installations.

Panel Size:

Nominal 4' X 8' (sized for spacing)

Length & Width (minimum):

Length	7'-11 ⅞"	2.435 m
Width, *Square Edge*	3'-11 ⅞"	1.216 m
Width, *Tongue & Groove*	3'-11 ½"	1.206 m



Trademark examples courtesy of APA-The Engineered Wood Association.

Prescriptive Specifications:

Thickness	Span Rating	Minimum Nbr Plies Layers	Building Code Performance Categories
19/32 PERF CAT	20 o.c.	4–3	0.563" – 0.625" (14.29mm – 15.88mm)
23/32 PERF CAT	24 o.c.	4–3	0.688" – 0.750" (17.46mm – 19.05mm)
1 1/8 PERF CAT	48 o.c.	7–5 or 7–7	1.069" – 1.181" (27.15mm – 30.00mm)

Construction and Characteristics:

Length/Width Tolerance:	+0", –1/16" (+0, –1.6mm)
Straightness Tolerance:	±1/16" (±1.6mm)
Squareness Tolerance:	±1/8" (3.2mm)
Primary Species	Southern Yellow Pine
Testing Agency:	APA-The Engineered Wood Association
Classification:	Exposure 1 – Plywood suitable for uses not permantly exposed to the weather. Panels classified as Exposure 1 are intended to resist the effects of moisture on structural performance as may occur due to construction delays, or other conditions of similar severity.
Flame Spread Rating:	76-200 (tested in accordance with ASTM E84), smoke developed index < 200
Code Fire Classification:	Class III or C
Building Code Compliance:	PS 1-09

HUD-UM-40, APA V-600 for Exposure 1, APA V-611 for Exterior panels

Product Support and Frequently Asked Questions:
Please contact APA's Product Support Help Desk at (253) 620-7400; e-mail: help@apawood.org;
or through the APA website at www.apawood.org

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International:

Exempt from ISPM 15 regulations (*ISPM 15: International Standards for Phytosanitary Measures*)

Formaldehyde Emissions:

Exempt from testing or monitoring HUD in the *Manufactured Home Construction and Safety Standards*. PS 1 and PS 2 structural panels are exempt from testing by the California Air Resources Board (CARB) in the *Composite Wood Air Toxic Control Measure (ATCM)*

Manufacturing Locations:

Location	Mill Number	Zip Code	Harvest Radius
Oakdale, LA	APA 219	71463	60 miles
Florien, LA	APA 221	71429	70 miles

Forestry Certification:

SUSTAINABLE FORESTRY INITIATIVE
Certified Chain of Custody
Promoting Sustainable Forestry
www.sfiprogram.org

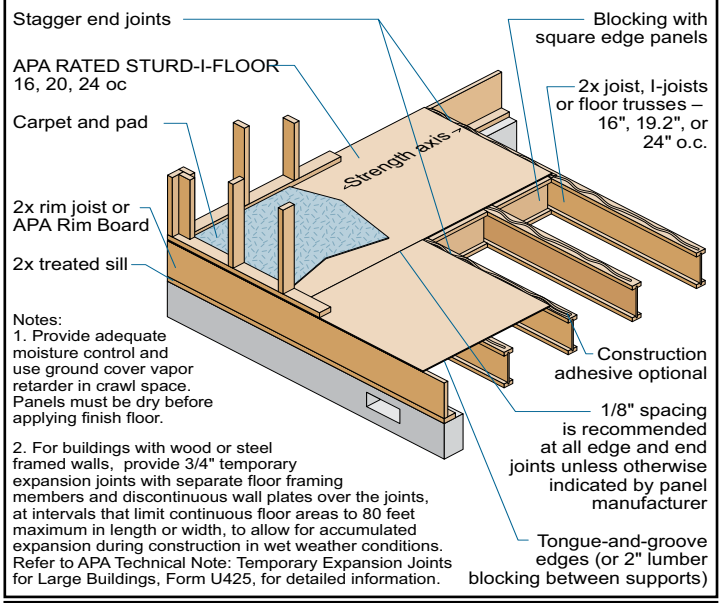
Made from Sustainable Forestry Initiative® (SFI®) certified responsible wood sources.

PEFC
PEFC/29-31-003

Made from PEFC certified responsible wood sources.

FIGURE 1

APA RATED STURD-I-FLOOR 16, 20, AND 24 oc



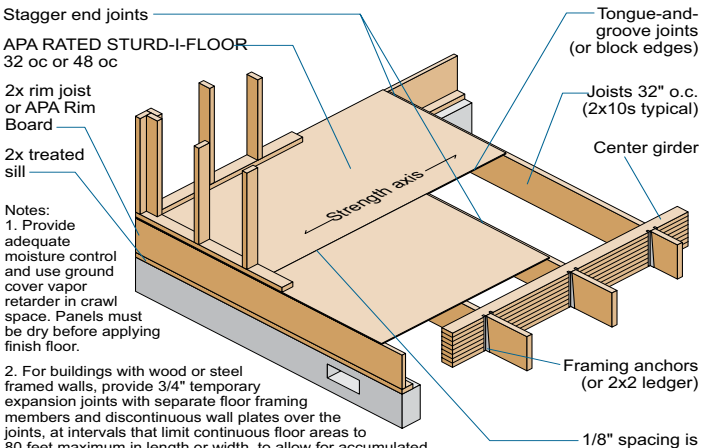
Notes:
1. Provide adequate moisture control and use ground cover vapor retarder in crawl space. Panels must be dry before applying finish floor.

2. For buildings with wood or steel framed walls, provide 3/4" temporary expansion joints with separate floor framing members and discontinuous wall plates over the joints, at intervals that limit continuous floor areas to 80 feet maximum in length or width, to allow for accumulated expansion during construction in wet weather conditions. Refer to APA Technical Note: Temporary Expansion Joints for Large Buildings, Form U425, for detailed information.

Figures 1-3 courtesy of APA-The Engineered Wood Association

FIGURE 2

APA RATED STURD-I-FLOOR 32 oc AND 48 oc (Over Supports 32" o.c.)

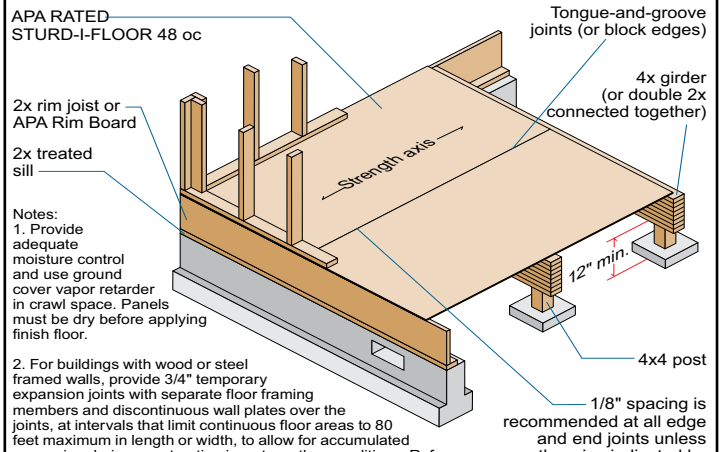


Notes:
1. Provide adequate moisture control and use ground cover vapor retarder in crawl space. Panels must be dry before applying finish floor.

2. For buildings with wood or steel framed walls, provide 3/4" temporary expansion joints with separate floor framing members and discontinuous wall plates over the joints, at intervals that limit continuous floor areas to 80 feet maximum in length or width, to allow for accumulated expansion during construction in wet weather conditions. Refer to APA Technical Note: Temporary Expansion Joints for Large Buildings, Form U425, for detailed information.

FIGURE 3

APA RATED STURD-I-FLOOR 48 oc (Over Supports 48" o.c.)



Notes:
1. Provide adequate moisture control and use ground cover vapor retarder in crawl space. Panels must be dry before applying finish floor.

2. For buildings with wood or steel framed walls, provide 3/4" temporary expansion joints with separate floor framing members and discontinuous wall plates over the joints, at intervals that limit continuous floor areas to 80 feet maximum in length or width, to allow for accumulated expansion during construction in wet weather conditions. Refer to APA Technical Note: Temporary Expansion for Large Buildings, Form U425, for detailed information.

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