



Durastrand Flooring—Stays firm and flat

Durastrand® Flooring is an APA-rated Sturd-I-Floor® product with enhanced physical properties that increase dimensional stability and reduce edge swell. In other words, little or no sanding, fewer if any call-backs for dealers and lower costs for builders.

Meets or exceeds building codes

Designed specifically for residential and light commercial construction, including manufactured and modular home applications, Durastrand Flooring meets or exceeds local and national building codes. Rigid and strong, consistent and reliable from one panel to the next, Durastrand Flooring is engineered to stay flat and prevent splits, cracks, splinters and delamination. Guaranteed.

Provides a solid, structural floor deck

Available in a range of standard sizes and thicknesses, Durastrand Flooring is suitable for single-layer floor construction and combination subfloor/underlayment. When fastened over wood framing, Durastrand panels provide a solid, structural floor deck with high resistance to concentrated- and impact-loads. The panels also provide a durable, dimensionally stable base for adding a separate underlay material and a smooth surface for applying carpet and pad or other resilient-type floor covering installed according to manufacturer's specifications.

The tongue-and-groove profile machined into the panels fits snugly and provides maximum strength and stiffness. Durastrand Flooring is easy to install using conventional nails, screws and nail-gun techniques.

Guarantee

For the purchaser and original homeowner, Ainsworth® offers a 90-day no sand and 50-year warranty on its Durastrand Flooring products against delamination and manufacturing defects. For a copy of this limited warranty, including all applicable exclusions, limitations and procedures for making a claim, call your Durastrand Flooring dealer and ask for Ainsworth Warranty Form NA-4066 ANS.



Look for the Purple® edge

Specifications

Durastrand Flooring meets or exceeds the requirements set forth by the APA for the Rated Sturd-I-Floor® grade and complies with the provisions set out in the National Evaluation Service Reports NER-108 and NER-133. It is also recognized by the U.S. Department of Housing and Urban Development (HUD-UM-40). In Canada, Durastrand Flooring meets the requirements of CAN/CSA-O325: Construction Sheathing.

Durastrand Flooring is available in 4' x 8' T&G in the following thicknesses: 19/32", 23/32", 7/8" and 1 1/8". It is also available in custom sizes.

FLOOR LOADS AND SPAN RATINGS

Recommended uniform floor live loads for APA-Rated Sturd-I-Floor with long dimension perpendicular to supports

JOIST SPACING

PANEL THICKNESS	SPAN RATING (MAXIMUM JOIST SPACING CENTER-TO-CENTER)	12"	16"	20"	24"	32"	40"	48"
		ALLOWABLE LIVE LOADS (PSF)						
19/32", 5/8"	20"	270	150	100	—	—	—	—
23/32", 3/4"	24"	430	240	160	100	—	—	—
7/8"	32"	—	430	295	185	100	—	—
1 1/8"	48"	—	—	460	290	160	100	55

10 psf dead load assumed. Live load deflection limit is span/360.

Applies to panels 24" or wider applied over two or more spans.

All panels must be T&G or be supported with blocking.

Other thicknesses, joist spacing or load conditions: see APA Engineered Wood Construction Guide, Form E30, April 2005.

Note

Floor stiffness can be increased by as much as 25% by following the APA's recommendations for installing a glued floor system.

MINIMUM FASTENING SCHEDULE—FLOORS

	MAXIMUM NAIL SPACING	
	GLUED-NAILED	NAILED ONLY
Nailing at edge of panel \leq 3/4"	12"	6"
Nailing at edge of panel $>$ 3/4"	6"	6"
Nailing over intermediate support	12"	12"

Use 6d ring or screw-shank nails, or 8d common for panel thickness up to 3/4".

Use 8d ring or screw-shank nails, or 8d common for 7/8" thickness.

Use 8d ring or screw-shank nails, or 10d common for 1 1/8" thickness if supports are well seasoned.

Fasteners shall be located a minimum 3/8" from panel edges.

Durastrand Flooring—On the level**Installation**

Install Durastrand Flooring in accordance with APA application guidelines for maximum performance.

Use an additional layer of manufacturer-approved sanded underlayment of 1/4" or thicker when finishing with resilient flooring or ceramic tile.

Panels must be continuous over two or more spans with the long dimension perpendicular to the support.

Fasteners must be located a minimum 3/8" from panel edges.

Leave a 1/8" gap at all panel ends to allow for normal expansion.

Care and Handling

Durastrand Flooring is carefully packaged to stay free of moisture and contaminants during storage and shipping, and to arrive in the same optimal condition as when it left the plant. Once it arrives at its destination, the following procedures are recommended:

Keep panels in units until installation.

Store indoors or under cover whenever possible.

If stored outdoors, set bundles on a flat base above ground and cover with plastic wrap or tarp, ensuring adequate air circulation.

Avoid extended exposure to moisture.

Acclimatize panels for a period of 24 hours. (The time may vary depending on climatic conditions at the job site.)

Cut steel banding during storage to avoid damage to edges. Do not stack more than two units high after bands are cut.

Avoid dropping panels on edges or corners.

Protect bundles from forklift damage.

Loading Options

Boxcars

Flat cars

Containers

All sizes of trucks, including vans

DEALER IMPRINT

For more information, please contact:

Ainsworth Group of Companies

604 661 3260 OSB Sales

877 661 3200 Toll free

604 661 3201 Fax

sales@ainsworthengineered.com

www.ainsworthengineered.com

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