

# Savona Specialty Plywood

A Textured, Skid Resistant Douglas Fir Panel for Floors, Residential Decking and Marine Docks



**RoughTop** is high quality Douglas fir plywood with a textured, skid resistant, overlay face and a smooth surfaced overlay back. It is designed for floors, decks, walkways, portable staging and other areas that require a slip resistant surface. It comes ready to use - no finishing required.

**RoughTop** meets or exceeds US Product Standard PS 1-83 and bears the exterior grade-trademark of the American Plywood Association.

### Advantages

**Safety:** While no surface completely eliminates slipping, **RoughTop's** textured surface helps reduce slipping even when wet.

**Wearability:** **RoughTop** heavy-duty overlay will wear for years under light commercial and residential foot traffic.

## PRODUCT SPECIFICATION

### STANDARDS

#### 1. Maximum Spans

**RoughTop** can be applied directly over framing. For flat installations only. No sub-flooring is required. See Load Span Tables for allowable uniform load per square foot.

#### 2. Fastening

Use only stainless steel or hot-dipped galvanized spiral or ring shank nails. Nail at least 3/8" from edge of panel to prevent possible surface cracking. For docks, marine applications or other wet areas, corrosion resistant bolts or screws are best. Pre-drill screw holes and countersink with caution. Washers should be used with bolts to provide a greater bearing surface.

#### 3. Caulking

Use a good quality caulk on all joints. Avoid oil-based caulks and glazing materials. Be sure to obtain squeeze-out on full length of the joint. No caulk joint is ideal and **RoughTop** should not be specified for roofs or places where absolute water-proofing is required. The illustrated joints should be satisfactory for most decks and balconies.

#### 4. Machining

**RoughTop** can be sawn, shaped, routed or jointed with ordinary care, using high-speed, professional quality power tools. Use carbide-tipped blades for cutting, adjusting arbor so that blade extends 1/2" through panel. Feed material through saw slowly.

#### 5. Drilling

If appearance on back is important, panel should be backed up to avoid chipping as drill bit breaks through. Do not drill closer than 1/4" to the edge of the panel.

#### 6. Durability

**RoughTop** will provide years of service when installed as described. However, wood will decay when subjected to periods of prolonged moisture conditions. Free air circulation beneath the panel is crucial for long life. Do not install **RoughTop** over existing lumber or plywood decking in exterior applications. Joists and blocking members should be constructed with preservative-treated or naturally decay resistant wood for maximum life in exterior applications. Contact Ainsworth Lumber Company Ltd. for specific preservative treatment recommendations.

## PRODUCT DESCRIPTION

**Width:** 4' **Length:** 8' & 10' standard, customer orders available

**Thickness:** 3/8", 1/2", 5/8", 3/4", 1-1/8".

**Tongue and Groove:** Available on special order.

**Colors:** **RoughTop** Natural (buff yellow) or Black.

#### 1. No Finishing Required

**RoughTop** is a finished product with overlaid surfaces requiring no additional protection. The overlaid surface is superior to paint and stain in that it minimizes checking and grain raise in the wood underneath. However, the surface can be painted for aesthetic effect.

#### 2. Painting

The overlaid surface of **RoughTop** is an excellent base for paint. To ensure that no trace of the release agent used in manufacturing the product remains on the surface, clean with toluene, Socal #2 or a similar solvent and an abrasive pad (nylon or aluminum). This will assure maximum adhesion of the finish to the surface. After the surface has dried, apply two coats of exterior deck enamel. Since enamel tends to reduce the slip-resistant properties of the surface, the addition of sand to the topcoat of enamel is recommended.

#### 3. Edge Sealing

In exterior applications, the edges and ends of the panel should be sealed before installation with a good quality pigmented exterior polyurethane resin finish. Clear polyurethane sealers are not recommended for exterior use.

#### 4. Load Span Tables

Allowable Uniform Load per square foot (PSF) for dry conditions is shown in Tables 2 and 3. For wet conditions, see Tables 4 and 5. Figures shown are for storage, marinas, and commercial use. For Residential deck and balcony applications, refer to Table 1. 1,2,3

**Table 1: Maximum Spans (in inches).**

Based on American Plywood Association recommendations for "feel" under normal walking conditions.

Thickness	Maximum Span <sup>2</sup>	Weight Per 1000 Feet <sup>3</sup>
5/8"	20 <sup>4</sup>	2000
3/4"	24 <sup>4</sup>	2375
1-1/8"	48 <sup>4</sup>	3530

<sup>1</sup> Panels continuous over 2 or more supports, face grain perpendicular to supports.

<sup>2</sup> Based on a live load of 40 lbs., per square foot. deflection limited to 1/360 of the span.

<sup>3</sup> Approximate since weight varies with density of wood and other factors.

<sup>4</sup> Use panels with tongue and groove edges or provide blocking between joists under panel edges.

**Table 2: Face Grain Parallel to Span (Across Supports), Dry Conditions**

	12"	16"	19.2"	24"	32"	36"	48"
1/2"	435	245	170	105	—	—	—
5/8"	560	315	215	140	—	—	—
3/4"	845	475	330	210	115	75	—
1 1/8"	1350	975	730	465	260	165	90

Multiple Spans Across Two or More Supports.

**Table 3: Face Grain Perpendicular to Span (Parallel To Supports), Dry Conditions**

	12"	16"	19.2"	24"	32"	36"
1/2"	230	115	70	—	—	—
5/8"	365	205	115	—	—	—
3/4"	530	300	165	105	—	—
1 1/8"	1090	780	430	275	115	80

Multiple Spans Across Supports -except 32" & 36" assume single span.

**Table 4: Face Grain Parallel to Span (Across Supports), Wet Conditions**

	12"	16"	19.2"	24"	32"	36"
1/2"	315	175	120	75	—	—
5/8"	405	225	155	101	—	—
3/4"	610	340	235	150	85	—
1 1/8"	1135	760	525	335	190	120

Multiple Spans Across Supports.

**Table 5: Face Grain Perpendicular to Span (Parallel To Supports), Wet Conditions**

	12"	16"	19.2"	24"	32"	36"
1/2"	165	90	—	—	—	—
5/8"	260	145	80	—	—	—
3/4"	385	215	120	75	—	—
1 1/8"	915	560	310	200	95	—

Multiple Spans Across Two Or More Supports —except 32" & 36" assume single span.

<sup>1</sup> Tables based on  $\ell/240$ .

<sup>2</sup> 5-ply or 7-ply 3/4" assumed; 1" is 7-ply.

<sup>3</sup> For use as stair treads, consult APA "Construction Guide (E-30)." Allowable loads may be reduced depending on design.