



Hillside House in Mill Valley, California by SB Architects. Photo: Mariko Reed

## **SWISS KRONO** **PINE PARTICLEBOARD**

Our panels feature an exceptionally high percentage of western pine fiber. With more than 90% pine content, it delivers excellent machinability that extends tool life, increases productivity, and reduces costs. The light tan color supports the use of thin and light papers, veneers, and melamines, while the consistent color, surface, and core qualities ensure reliability from panel to panel. Manufactured with no added formaldehyde (NAF), every board is guaranteed smooth—ideal for all laminating applications. Our cross-panel sanding process, combined with panels sawn after sanding to eliminate thin edges, produces the smoothest panels in the industry and maximizes production with higher yields.

### KEY FEATURES

Available FSC®-certified (FreeForm®)

NAF validated (SCS-NAF-04354)

100% post-industrial  
recycled/recovered content

High pine content

CARB Exempt

EPA TSCA Title VI Compliant

Available moisture resistant

Declare Product

### PARTICLEBOARD GRADES

COMMERCIAL

INDUSTRIAL

INDUSTRIAL 2

INDUSTRIAL 3

MR10

MR50



fsc.org | FSC® C219956

Look for our certified wood products

**Declare.**



## SPECIFICATIONS:

Sizes/Thicknesses	Commercial Specifications	Industrial Specifications
Press Size	5' x 24'	5' x 24'
Thickness (Inches)*	5/8" – 1"	3/8" – 1-3/16"
Thickness Tolerance**	±.003" avg thickness from target range**	±.003" avg thickness from target range**
Length/Width Tolerances	±1/16"	±1/16"
Squareness Tolerance	±1/32" per foot of panel width	±1/32" per foot of panel width

\*Metric sizes within range also available \*\*Based on 3/4"

Physical Properties*	Commercial Specs		Industrial Specs			
			IND 2	IND 3	MR10	MR50
Density	42 lbs/cu ft	45 lbs/cu ft	46 lbs/cu ft	47 lbs/cu ft	46 lbs/cu ft	49 lbs/cu ft
Internal Bond	60 psi	80 psi	90 psi	100 psi	90 psi	150 psi
Modulus of Rupture	1,310 psi	1,700 psi	1,885 psi	2,176 psi	1,885 psi	2,500 psi
Modulus of Elasticity	257,000 psi	298,000 psi	290,100 psi	362,600 psi	290,100 psi	410,000 psi
Screw Holding – Face	171 lbs	205 lbs	225 lbs	225 lbs	225 lbs	300 lbs
Screw Holding – Edge	108 lbs	157 lbs	180 lbs	202 lbs	180 lbs	240 lbs

\*Physical properties tested using method ASTM D 1037-06a. Complies with ANSI A208.1-2022.

Conforms to American Standard of Testing and Materials Fire Test Method E84 (flame spread rating is Class C) and Canadian Standard CAN/ULC-S102-M.

### APPLICATIONS

- LEED® & Living Building Challenge
- Schools
- Hospitals
- Hospitality
- Airports
- Cabinetry
- Laminate substrate
- Furniture
- Casework
- Fixtures

### DOWNLOAD SUSTAINABILITY REPORT



### INFORMATION & SALES

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### SWISS KRONO OR PRODUCT LINE INCLUDES:

- TruWood® Siding | Trim
- SWISS KRONO PINE Particleboard
- SWISS KRONO FreeForm® Particleboard
- ValuForm® - Bender Board Concrete Form

