

NORTH AMERICA

1997  
**25**  
2022 YEARS

The warmth of natural wood

**ARAUCO PLY**<sup>®</sup>

**arauco**

renewables for a better life

# A Global Leader

IN THE DEVELOPMENT OF

**For more than 50 years, ARAUCO has been driven forward by its vision of being a global leader in sustainable forest products.**

During this time, we have evolved into one of the major forestry companies in the world, not only for the size and health of our plantation forests, the quality of our products, and superior customer service, but for our technical innovation, environmental responsibility and social commitment as well.

## **ARAUCO'S Sustainable Practices**

**ARAUCO employs responsible best practices in the manufacture of every product.**

- Imported products are manufactured with wood grown in the company's own certified, sustainably managed plantation forests.
- ARAUCO is the first forest products company to be third-party certified as carbon neutral.
- Mills in South America are powered by carbon neutral, biomass-generated green power.



# SUSTAINABLE PRODUCTS



## About **ARAUCO** in North America

ARAUCO manufactures the industry’s most comprehensive selection of composite panels, premium plywood, millwork, lumber, and wood pulp. With roots in sustainable forest product solutions and a commitment to our customers’ success, ARAUCO has grown to become the second largest wood panel producer in the world. Today, ARAUCO brings more than a half-century of manufacturing excellence and innovative product development to the North American market.

ARAUCO has operations across the United States and Canada, and imports ARAUCO produced plywood, pulp, moulding, lumber and other products. We deliver through 22 ports, and distribute to more than 3,500 destinations throughout North America.



 **Regional Support Centers**

- Atlanta, GA
- Albany, OR
- Rock Hill, SC

 **Manufacturing Facilities**

- Albany, OR (PB, TFL)
- Malvern, AR (2) (MDF, Moulding)
- Bennettsville, SC (PB, TFL)
- Biscoe, NC (Treating)
- Moncure, NC (2) (MDF, TFL, Moulding)
- St. Stephen, NB (MDF)
- Sault Ste. Marie, ON (MDF, TFL)
- Grayling, MI (PB, TFL)

 **Main Ports of Entry**

- Vancouver, BC
- Seattle, WA
- Oakland, CA
- Long Beach, CA
- Houston, TX
- New Orleans, LA
- Jacksonville, FL
- Charleston, SC
- Norfolk, VA
- Baltimore, MD
- New York, NY
- Chicago, IL

UNIFORM

**ARAUCOPLY® is a stable, durable and high-performance product for a multitude of interior and exterior panel applications, such as casework, furniture, construction, industrial, and appearance uses.**

**ARAUCOPLY**



**THE BEST SOLUTION IN**

renewables for a better life



**ARAUCOPLY is your premier plywood solution, for real-wood applications that require excellent appearance and workability, finish beautifully, and that are responsibly sourced from sustainably managed plantation forests.**

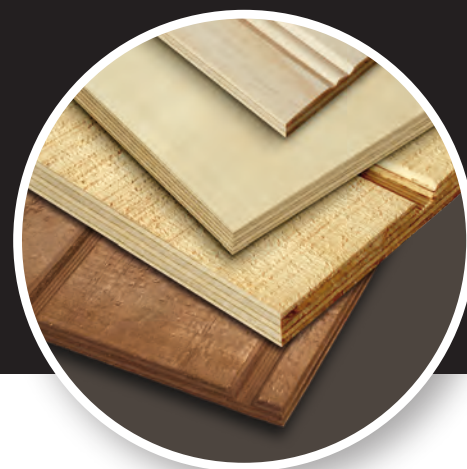
# ARAUCOPLY®

## Quality

ARAUCOPLY's exceptional quality, superior appearance, flatness and dimensional stability are ensured through ARAUCO's rigorous standards of sustainable forest management, log selection, and process control.

ARAUCOPLY panels are made from pruned, plantation-grown Radiata pine logs for fewer knots and clean, uniform, light-colored faces that finish beautifully and consistently. For flatness and stability, ARAUCOPLY panels are laid up on composed cores using exterior PF

resin. ARAUCOPLY Sanded panels are manufactured in accordance with the US PS1-19 product standard and the Siding products with the ANSI/APA PRP 210-2008 standard. ARAUCOPLY ACX and BCX panels are PSI-compliant, as verified by TPI. All panels are stamped with the applicable certification information.



WORKABILITY

WOOD PANELS

**Uniform, light-colored surface that finishes beautifully and consistently**

**ARAUCOPLY**

STABLE



### **Versatility**

The composed-core construction and consistent clean face of ARAUCOPLY® has made it the panel of choice for interior and exterior applications demanding stability, durability and superior appearance.

ARAUCOPLY Premium Sanded plywood is among the highest-graded AC products on the market today. Available in thicknesses from 1/4" to 31/32", ARAUCOPLY panels are ideal for use in casework, furniture, high-pressure laminates and a host of industrial, homebuilding, remodeling and DIY applications.

AN (AA) and B Deco panels are available for appearance applications. BC and CP panels also are available for use in construction and in furniture manufacturing.

Pre-sanded and ready to finish, ARAUCOPLY Beaded panels are laid-up on composed cores and bonded with exterior PF resin, making them ideal for applications including soffits, porch ceilings, interior paneling and wainscot.

Available in a range of thicknesses, surface treatments, and groove options, ARAUCOPLY Premium Siding is laid-up on a composed core with minimal voids ensuring stability, performance, and excellent fastener retention.

### **Warmth & Comfort of Real Wood**

Veneer from pruned, plantation-grown Radiata pine logs is used to make the face of ARAUCOPLY panels, resulting in a knot-free, uniform, light-colored surface that finishes beautifully and consistently. ARAUCOPLY delivers the warmth of natural wood to any application where appearance counts.





**ARAUCOPLY®**

**Sanded**

**Beaded**

**Siding**

**Primed Siding & Primed Beaded**

**ColorShield**

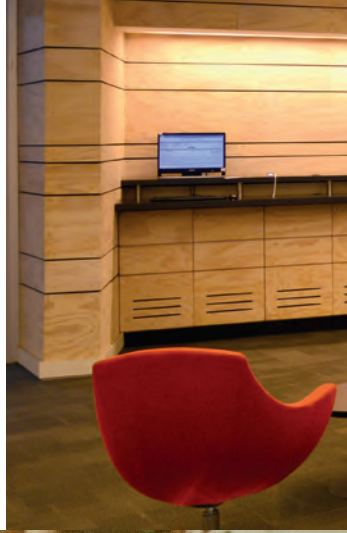
**EXCELLENT APPEARANCE**

**arauco**

**Bring the warmth of natural wood to any application**

**ARAUCOPLY.**

**DURABLE**



**HIGH-PERFORMANCE**

For more information visit:  
[na.arauco.com](http://na.arauco.com)





## Sanded Panels

ARAUCOPLY® Sanded Panels are laid up on a composed core using exterior PF resin and 100% plantation-grown Radiata pine for consistent quality and performance. Our face veneers are peeled from pruned logs - making ARAUCOPLY Sanded panels among the highest-graded AC products on the market today and delivering the warmth of natural wood to your projects.

ARAUCOPLY Sanded Panels are finished with 150-grit sanding on the face and 120-grit on the back. The ultra-smooth finish is an excellent choice for a multitude of applications.

All grade-stamped ARAUCOPLY Sanded Panels are manufactured in accordance with the US PS1-19 product standard, and all ACX and BCX products are PS1-19 underlayment compliant and are edge stamped as such by TPI.

### Product Features

- 100% Radiata Pine
- Stable composed core with minimum voids
- High quality solid face
- Ideal for interior and exterior applications
- Pre-sanded and ready to finish
- Allows a variety of finishes
- 7 ply 23/32" construction enhances stability

### A Grades

- No more than 6 wood patches
- No more than 6 synthetic repairs

### B Grades

- Limited wood patches
- No more than 8 synthetic repairs

### Cp Grades

- All type of repairs are accepted
- Open defects are not accepted

### Applications

- Staircases
- Table and counter tops
- Base panel for high-pressure lamination
- General industrial applications
- Cabinets and furniture
- Underlayment
- General DIY projects



### SANDED PRODUCTS

Dimensions	Thicknesses
48"x96"	1/4" - 11/32" - 15/32" - 19/32" - 23/32" - 31/32"

Note: Other sizes upon request. Thickness tolerance +/- 1/64".



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## Beaded Panels

ARAUCOPLY® Beaded Panels provide the comfort of using real wood for interior applications such as paneling and wainscot, and for exterior applications such as soffits and porch ceilings.

ARAUCOPLY Beaded Panels are laid up on a composed core using exterior PF resin and 100% plantation grown Radiata pine for consistent quality and performance.

### Product Features

- 100% Radiata Pine
- Stable composed core
- Ideal for interior and exterior applications
- Pre-sanded and ready to finish
- Available in shiplap and square-edge
- 2"OC beaded pattern
- 150 grit sanded
- Also available primed

### Natural Bead

- Clear face
- No wood patches
- No synthetic repairs
- Ideal for staining

### Star Bead

- No more than 6 wood patches
- No synthetic face repairs
- Perfect for painting

### Applications

- Wainscoting
- Decorative paneling for interior
- Exterior Porch Ceilings
- Soffits
- Cabinets
- Furniture



### BEADED PRODUCTS

Dimensions	Thicknesses
48" x 96"	11/32"

## Premium Siding Panels

ARAUCOPLY® Premium Siding is produced with a composed core for consistent quality and performance, and is available in a wide variety of thicknesses and surface treatments, including rough sawn, scratch sanded and smooth.

ARAUCOPLY Siding is grade-stamped and span-rated by TPI.

### Product Features

- 100% Radiata Pine
- Composed core
- Less resinous face
- Uniform light color
- Easily accepts paints and stains
- Rough sawn surface texture
- Available in shiplap and square-edge
- Options available for Primed and ColorShield. Contact your ARAUCO representative for information.

### Premium Siding

- No more than 6 wood patches
- No synthetic repairs

### Siding

- Limited wood patches
- No more than 8 synthetic face repairs

### Applications

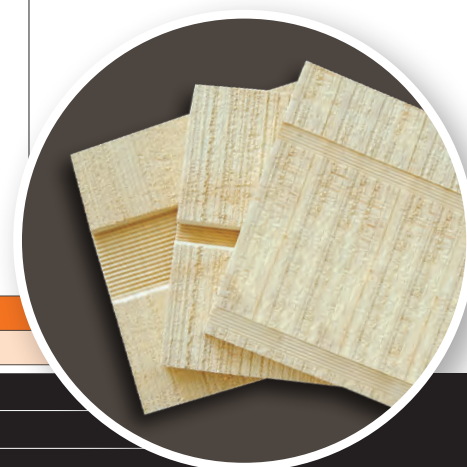
- Siding

### Grooving Options

- Deep groove - 4"OC, 8"OC, 12"OC
- Shallow groove - 4"OC, 8"OC
- No groove

### SIDING PRODUCTS

Dimensions	Thicknesses
48" x 96"	11/32" - 15/32" - 19/32"
48" x 108"	19/32"





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## Primed Siding & Primed Beaded Panels

ARAUCOPLY® Primed Siding and Primed Beaded are now available with a consistent, full-coverage, prime on five sides, and a smooth, sanded back. These durable, exterior-grade panels are ready to paint without additional priming, and help achieve an attractive finish, especially when both sides of the panel are visible in your application.

### Features

- Exterior acrylic-latex prime
- Interior and exterior applications (uses PF resins)
- Composed core for consistent quality and performance
- Five-sided prime
- Sanded back
- 100% solid Radiata pine
- Sealed edges

### PRIMED SIDING PANELS

Primed ARAUCOPLY Siding is ready-to-paint for a time-saving advantage. Siding panels are available in a wide variety of thicknesses and surface treatments, including rough sawn and smooth.

### Applications

- Sheds
- Residential construction
- Light commercial construction
- DIY residential
- Garages

### Grooving Options

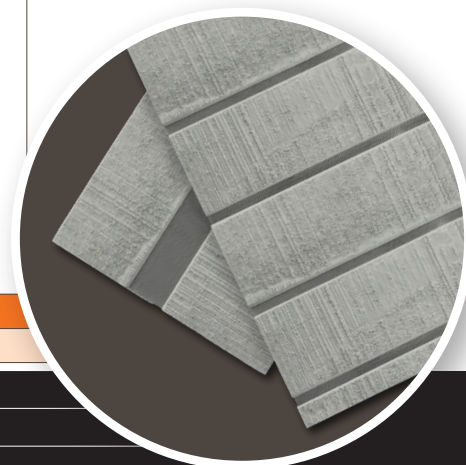
- Deep groove: 4" OC, 8" OC, 12" OC
- Shallow groove: 4" OC, 8" OC
- No groove

### PRIMED BEADED PANELS

Make it nice and easy with primed ARAUCOPLY Beaded, ready to install and paint for interior and protected exterior applications. Walls and wainscot, ceilings and cabinetry all finish faster when you don't have to prime.

### Applications

- Exterior porch ceilings
- Interior decorative paneling
- Door and cabinet inserts
- Cabinet panel
- Backer for furniture (bookshelves)
- Bathroom/residential wainscot
- Restaurant design



### PRIMED SIDING & PRIMED BEADED PRODUCTS

Products	Dimensions	Thicknesses
Primed Siding	48" x 96"	11/32" - 15/32" - 19/32"
Primed Beaded	48" x 96"	19/32"



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## ColorShield Panels

ARAUCOPLY® ColorShield proves to be the best one-step solution for outdoor siding. Pressure treated against fungal decay and termites and immersed in rich UV-resistant red or brown cedar-like hues, this product takes any project from ordinary to extraordinary.

### Protection Advantage

Building projects are in safe hands with ARAUCOPLY ColorShield. The micronized copper azole preservative used in the treatment process protects the product from termites and fungal decay giving it lasting durability. Factory applied treatment

ensures product consistency and a micronized iron oxide color pigment system provides the product with natural UV protection (the same principle used in exterior paints and stains).

The treatment compound is compatible with all types of fasteners and hardware, including aluminum, keeping accessories safe from added corrosion. ARAUCOPLY ColorShield is sustainably treated and FSC® Mix Credit (FSC-110612) creating an environmentally-friendly product made to withstand the threats of the elements. With the added bonus of a structural and color warranty you can rest assured in the product quality.

### Features

- Pressure treated against fungal decay and termites
- UV protection
- In-solution color pigment system, not a surface coating
- Certified for above ground installation
- Compatible with all types or fasteners and hardware, including aluminum
- Limited 5-year color warranty and lifetime structural warranty
- Fade resistant to hold color longer
- 100% wood

### ARAUCOPLY COLORSHIELD GROOVING OPTIONS

Model	Grooving Options	Profile	Finishing
Siding	Deep Groove		4" OC 8" OC 12" OC Rough Sawn Sanded
	Shallow Groove		4", 8" OC Rough Sawn Sanded
	No Groove		N/A Rough Sawn

### COLORSHIELD PRODUCTS

Dimensions	Thicknesses
48" x 96"	11/32" - 15/32" - 19/32"
48" x 108"	19/32"



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## Product Certifications

### PS1-19

All grade stamped ARAUCOPLY® panels are manufactured according to criteria established in the US PS1-19 standard.

ARAUCOPLY qualifies for Timber Products Inspection (TPI) grade stamping under voluntary product standard PS1-19 for grades AA through CD, including structural applications. Excluded are species-specific grades such as concrete form, marine grade and structural I products. ACX and BCX grades meet PS1-19 underlayment requirements and are stamped as such.

All plywood is subject to TPI continuous testing by mill based, certified technicians. All grade-stamped products are tested on an ongoing basis to ensure compliance with PS1-19 manufacturing standards.

### CE EN 13986

ARAUCOPLY complies with CE 2+ EN 13986:2004 for structural use, which is the European certification for wood-based panels under the European CPR (Construction Products Regulation). The certification was originally obtained in 2003. Our plywood is certified through the Danish Technological Institute, under numbers 1073-CPR-801 and 1073-CPR-809.

### CARB EXEMPT STATUS

AraucoPly plywood is made using low-emitting phenol phenolic (PF) resins that provide the water resistance necessary for exterior applications, compared to urea-formaldehyde (UF) resins used in many interior and industrial grade wood panels and is therefore exempt from regulation under the California Air Resource Board (CARB) ACTM 93120 and EPA TSCA Title IV.

### ANSI/APA PRP 210-2008

ARAUCOPLY complies with the standard ANSI/APA PRP 210, that provides requirements and test methods for qualification and quality assurance for performance-rated engineered wood siding intended for use in construction applications as exterior siding. All 15/32" and 19/32" 6W and 6SW siding products are backstamped with a span rating specification by TPI.

### FSC® CERTIFICATION

The supply of wood for ARAUCOPLY products is currently FSC® Chain of Custody Certified (FSC®-C019364). Customers are invited to ask for ARAUCOPLY FSC® certified



The mark of responsible forestry



EN 13986



**ARAUCOPLY® is the best solution in wood panels, for uses that require excellent appearance and workability.**

### Structural and Dimensional Properties

Nominal Thickness	Number of Plies	Face Thickness	Average Weight
Inches		Inches	lb/sheet (4'x8')
1/4"	3	1/10"	22.6
11/32"	3	1/8"	31.3
15/32"	5	1/10"	41.7
19/32"	5	1/8"	52.2
23/32"	7	1/10"	62.6
31/32"	9	1/8"	87.0

Nominal Thickness (Inches)	MOR		MOE		MOR		MOE		Panels per Pallets
	//	⊥	//	⊥	//	⊥	//	⊥	
	N/mm <sup>2</sup>	N/mm <sup>2</sup>	N/mm <sup>2</sup>	N/mm <sup>2</sup>	PSI	PSI	PSI	PSI	
1/4"	83.70	17.49	7,845.82	716.97	12,128	2,534	1,136,859	103,889	140
11/32"	81.15	14.80	7,913.37	745.04	11,759	2,145	1,146,647	107,956	108
15/32"	70.04	30.40	7,296.74	2,381.19	10,149	4,405	1,057,298	345,034	80
19/32"	67.56	29.46	6,921.08	2,353.13	9,789	4,269	1,002,864	340,969	65
23/32"	61.62	33.73	6,461.42	3,102.82	8,929	4,887	936,260	449,599	54
31/32"	53.95	33.29	6,318.37	3,395.79	7,817	4,824	915,532	492,050	39

### Span Rating

Product	Nominal Panel Thickness		Span Rating (Inches)	Maximum Span (Inches)	
	(mm)	(Inches)		With Edge Support	Without Edge Support
Siding	9	11/32"	NA	-	-
	12	15/32"	16"OC	16	-
	15	19/32"	16"OC	16	-

Note: The allowable spans were determined using a dead load of 10 psf. If the dead load exceeds 10 psf then the live load shall be reduced accordingly. To consider this data, panels shall be a minimum of 24 inches (600mm) wide.

- 15/32" (12mm) span rated siding products available with plain (no groove) or shallow groove patterns only.
- 19/32" (15mm) siding wall span ratings apply to panels with the following surface treatments: Plain (no groove), 4"OC / 8"OC shallow groove and 4"OC / 8"OC / 12"OC deep groove patterns.

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## ARAUCO in the Americas

ARAUCO manufactures a wide range of sustainable forest product solutions, including wood pulp, bioenergy and lumber; and the industry's most comprehensive selection of composite panels, premium plywood and millwork.

### Canada

- 2 Panel Mills
- 1 Resin Plant

### United States

- 5 Panel Mills
- 1 Treating Facility
- 2 Moulding Mills

### Mexico<sup>1</sup>

- 2 Panel Mills
- 1 Resin Plant

### Brazil

- 497,833 acres (201,466 hectares) of forestland
- 4 Panel Mills
- 1 Resin Plant

### Uruguay<sup>2</sup>

- 332,460 acres (134,542 hectares) of forestland
- 1 Pulp Mill
- 1 Power Plant

### Argentina

- 653,183 acres (264,334 hectares) of forestland
- 1 Pulp Mill
- 2 Panel Mills
- 1 Resin Plant
- 1 Sawmill including a Remanufacturing Facility
- 2 Power Plants

### Chile

- 2,739,064 acres (1,108,460 hectares) of forestland
- 5 Pulp Mills
- 4 Panel Mills
- 7 Sawmills including four Remanufacturing Facilities
- 10 Power Plants



Notes: (1) Acquired at the beginning of 2019. / (2) Corresponds to 50% of operations, land and plantations.

### ARAUCO

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