



# ARAUCOPLY™

NORTH AMERICA



**ARAUCO**<sup>®</sup>  
Growing the Future



## Growing the future means being a global leader in the development of sustainable products.

For more than 45 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 products come from certified, sustainably managed plantation forests.
- ARAUCO makes full and responsible use of available forest resources and does not use any native forests or genetically modified trees.
- Verified legal origin.
- Respect for the rights of indigenous peoples.
- USDA Lacey Act compliant.
- Mills powered by carbon neutral, biomass-generated green power

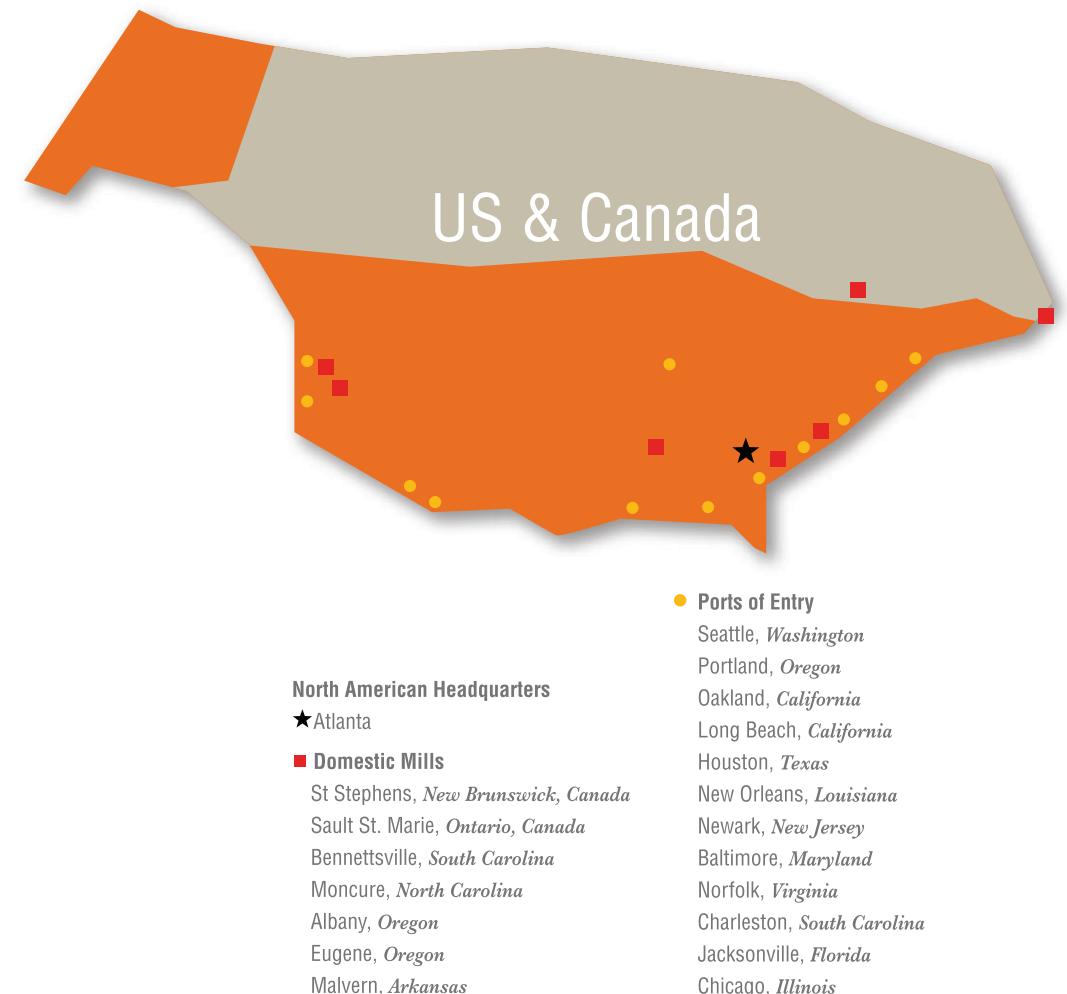
## ARAUCO North America

ARAUCO combines leading-edge, precision manufacturing with responsive customer service in order to provide the North American market with sustainable forest product solutions.

ARAUCO offers unparalleled access to sustainably produced premium plywood, medium-density fiberboard, high-density fiberboard, particleboard, hardboard, millwork, and lumber.

ARAUCO North America imports ARAUCO products through 12 major ports of entry, and ships to more than 2,800 locations across the continent.

In addition to imported products ARAUCO North America manufactures composite panels in eight mills located across the U.S. and Canada.





AraucoPly offers the best solution in wood panels, for uses that require excellent appearance and workability, combined with the natural look of wood, and sourced from sustainably managed plantation forests.

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.

## 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 PS1-09 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 TECO. All panels are stamped with the applicable certification information.



## Versatility

AraucoPly's composed-core construction and consistent clean face 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  $\frac{1}{4}$ " to  $\frac{31}{32}$ ", AraucoPly panels are ideal for use in casework, furniture, high-pressure laminations and a host of industrial, homebuilding, remodeling and DIY applications.

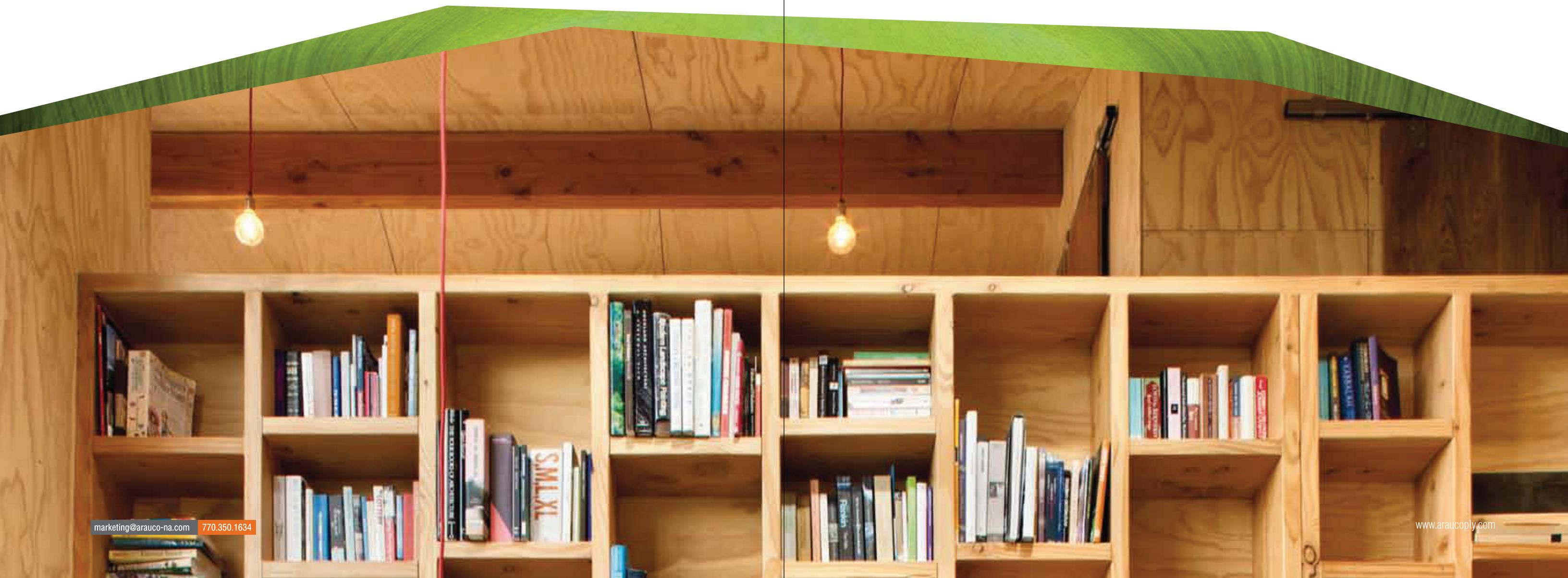
AN (AA) and B Deco panels are available for appearance applications. BC and CP panels also are available for use in construction and in furniture manufacturing.

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 visible application.





- Sanded
- Beaded
- Siding



## 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 PS1-09 product standard, and all ACX and BCX products are PS1-09 underlayment compliant and are edge stamped as such by TECO.

### 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" x 96"	1/4" - 11/32" - 15/32" - 19/32" - 23/32" - 31/32"

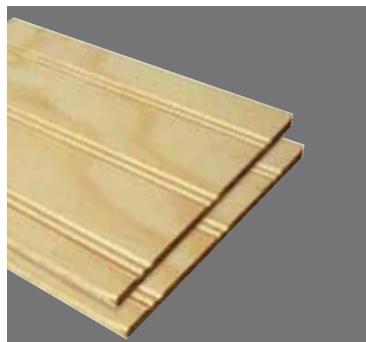
Note: Other sizes upon request. Thickness tolerance +/- 1/64".



## 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

### 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 PRODUCT	
Dimensions	Thicknesses
48"x96"	11/32"

## 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 TECO.

### 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

### Premium Siding

- No more than 6 wood patches
- No synthetic repairs

### Siding

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

### Applications

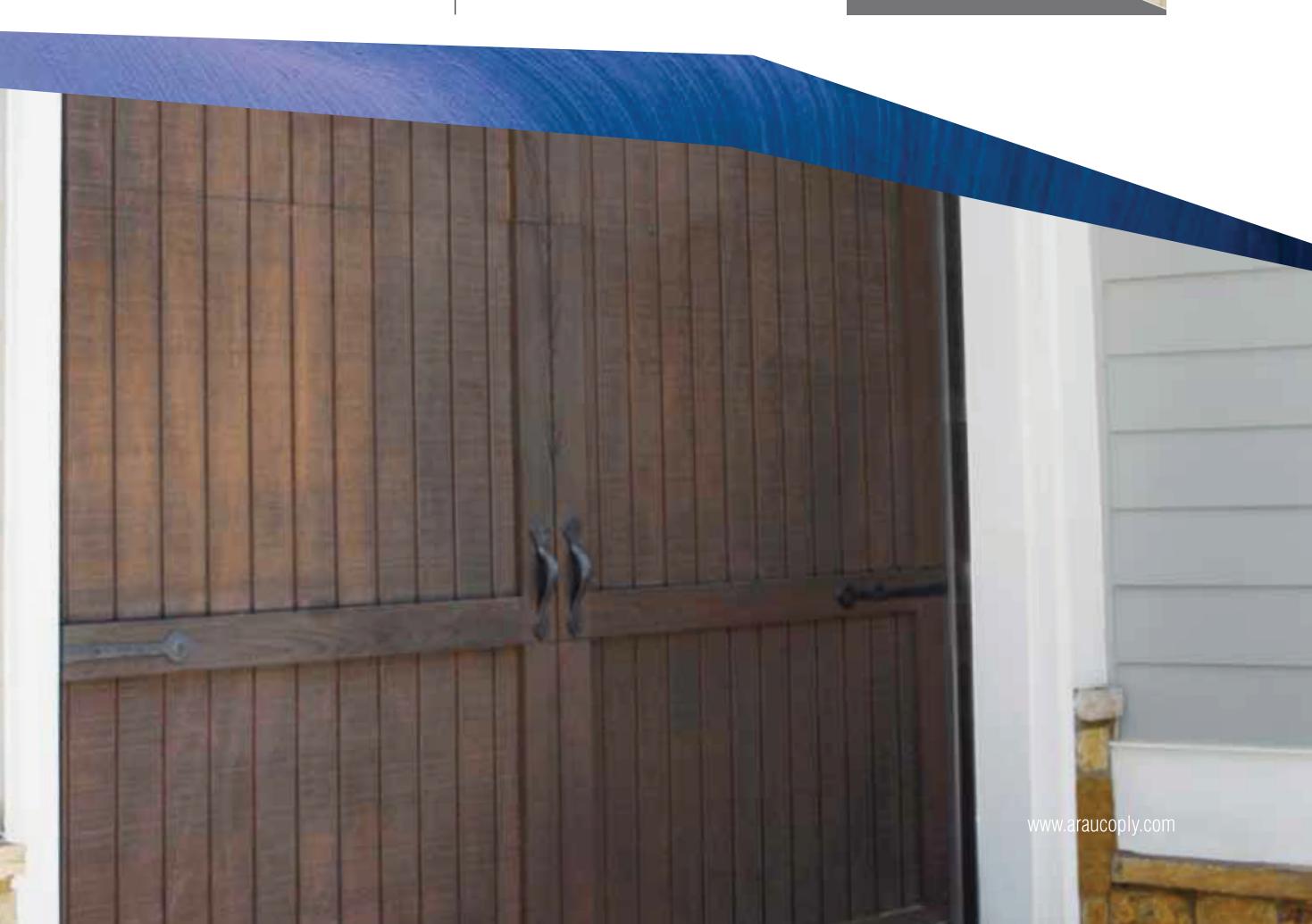
- Siding

### Grooving Options

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

### SIDING PRODUCTS

Dimensions	Thicknesses
48"x96"	11/32" - 15/32" - 19/32"
48"x108"	19/32"



## Product Certifications

### PS 1-09

All grade stamped AraucoPly panels are manufactured according to criteria established in the US PS 1-09 standard. AraucoPly qualifies for TECO grade stamping under voluntary product standard PS 1-09 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 PS 1-09 underlayment requirements and are stamped as such. All 6W siding products are backstamped with a span rating specification.

All plywood is subject to TECO continuous testing by mill based, certified technicians. All grade-stamped products are tested on an ongoing basis to ensure compliance with PS 1-09 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.

### JAS

Japan Plywood Inspection Corporation approved AraucoPly for use in JAS certified load-bearing construction applications. This certification was issued under the law concerning the Standardization and Proper Labeling of Agricultural and Forestry Products.

### FSC®

The supply of wood for Araucopy products is currently FSC® Mix certified (Forest Stewardship Council®). Customers are invited to ask for AraucoPly FSC® products.

### 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.



## Structural and Dimensional Properties

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

	Nominal Panel Thickness (mm)	(Inches)	(Inches)	With Edge Support	Without Edge Support	Allowable Live Loads (psf)								
						12	16	19.2	24	32	40	48	54	60
Floor Span	15	19/32"	20"OC	32	32	270	150	100	60	30	-	-	-	-
	18	23/32"	24"OC	48	36	-	240	160	100	50	30	25	-	-
	25	1"	32"OC	48	40	-	-	295	185	100	60	40	-	-
Siding	9	11/32"	16"OC	16	-	-	-	-	-	-	-	-	-	-
	12	15/32"	16"OC	16	-	-	-	-	-	-	-	-	-	-
	15	19/32"	24"OC	24	-	-	-	-	-	-	-	-	-	-

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.

• 11/32" (9mm) and 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 deep groove patterns only.

# ARAUCO Around the World

ARAUCO has based part of its growth on the generation of economies of scale and competitive advantages that are sustainable over time. Today, the company serves customers in 71 countries with a range of high-quality, sustainable forest products for the paper, construction,

packaging and furniture industries. The company sells its products through sales agents and representatives, and through sales offices established in twelve countries. ARAUCO's sales force is supported by a maritime and land logistics chain, guaranteeing supply to distribution centers and points of sale through 220 ports in Europe, Asia, North America, Oceania and Latin America.



- Industrial / Forestry Operations
- Sales Offices
- Representatives

**CHILE**

- 1,116,450 hectares (2,758,808 acres) of forestland
- 5 Nurseries
- 5 Pulp Mills
- 2 Panel Mills
- 8 Sawmills
- 5 Remanufacturing Facilities
- 2 Plywood Mills
- 10 Power Plants

**ARGENTINA**

- 263,391 hectares (650,853 acres) of forestland
- 2 Nurseries
- 1 Pulp Mill
- 2 Panel Mills
- 1 Resin Facility
- 1 Sawmill
- 1 Remanufacturing Facility
- 2 Power Plants

**BRAZIL**

- 144,944 hectares (358,164 acres) of forestland
- 1 Nursery
- 2 Panel Mills
- 1 Resin Facility

**URUGUAY**

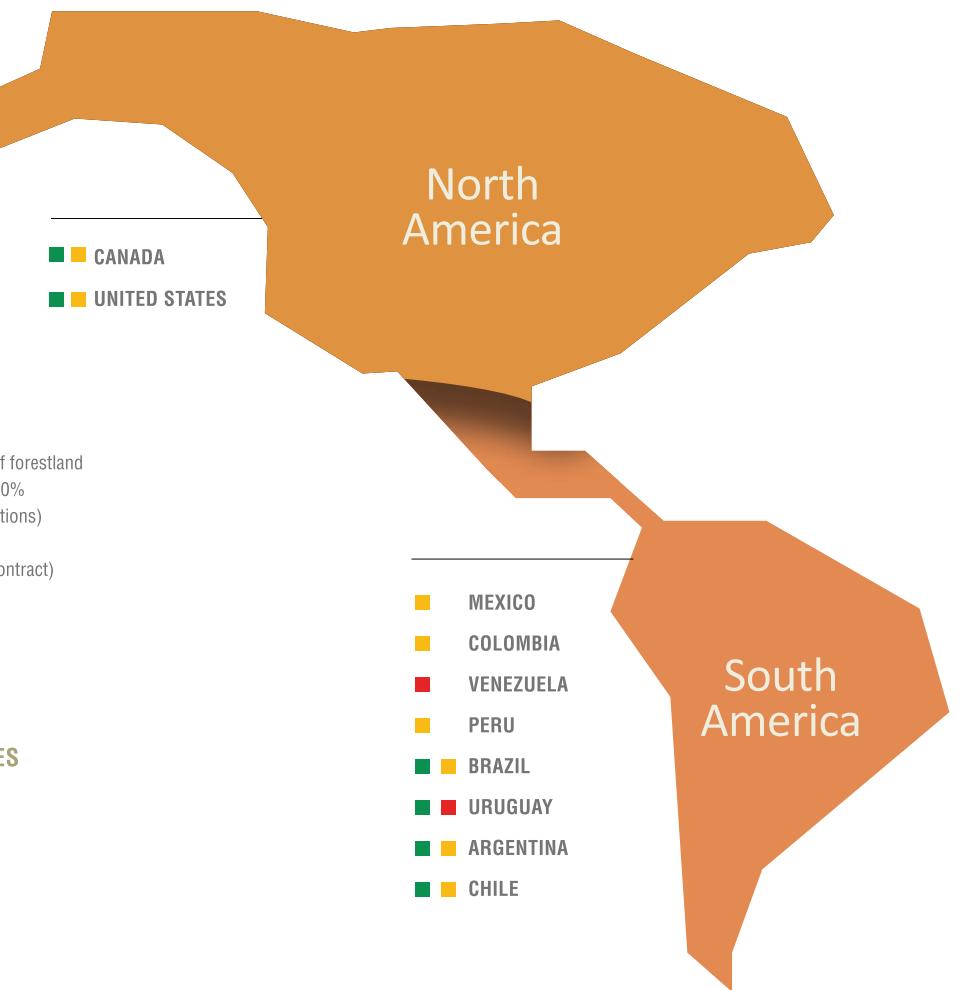
- 110,971 hectares (274,215 acres) of forestland (corresponds to 50% of land and plantations)
- 5 Nurseries
- 1 Pulp Mill under construction

**CANADA**

- 2 Panel Mills

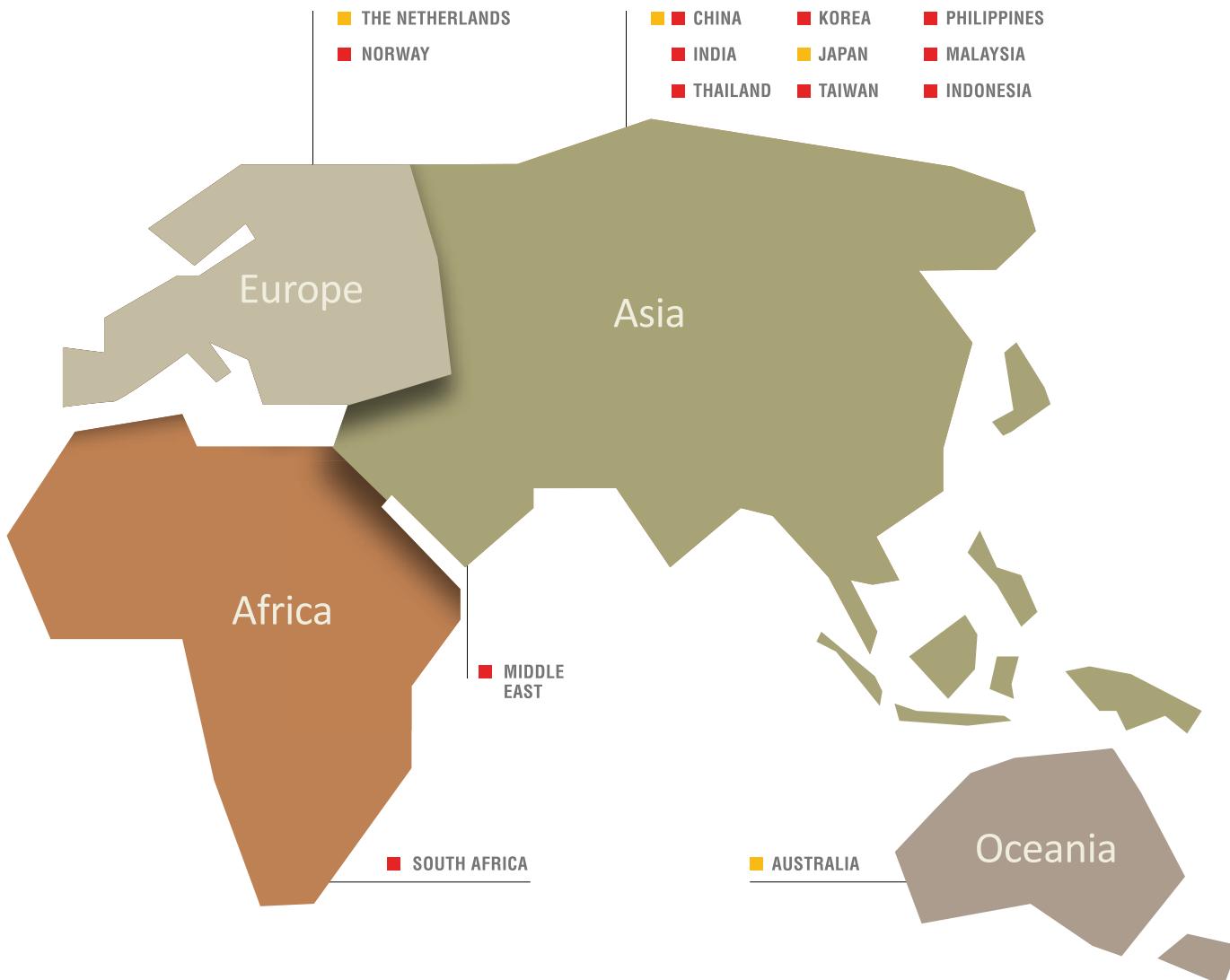
**UNITED STATES**

- 6 Panel Mills



In keeping with the company's ongoing improvement philosophy, in March 2012, ARAUCO began the Sales & Operation Planning (S&OP) program. This program is designed to improve Sales and Operational planning, to achieve greater coordination between business areas for future profitability, and to reduce operating costs and capital investments in supply.

This project involves the Panel and Timber business areas, as well as Distribution and Logistics Services. To date, the company has obtained significant results through optimization of the supply chain and the achievement of stable processes to generate action plans that improve the use of resources, the fulfillment of commercial agreements, and the level of service.





# ARAUCOPLY™

For more information visit:

[www.araucoply.com](http://www.araucoply.com)

## ARAUCO

5901 Peachtree Dunwoody Rd. NE  
Suite 500  
Atlanta, GA 30328  
Phone: 770-350-1634 / 770-350-1644  
[sales@arauco-usa.com](mailto:sales@arauco-usa.com)  
[www.arauco-usa.com](http://www.arauco-usa.com)



Proudly Distributed By

**HARDWOODS®**  
Materials That Inspire

SEARCH

BE INSPIRED



Visit Our Websites

[hardwoods-inc.com](http://hardwoods-inc.com)

[designonesource.com](http://designonesource.com)

Contact Us

**888.826.5528**

[info@hardwoods-inc.com](mailto:info@hardwoods-inc.com)