



# DRAGON PLY®


PREMIUM HARDWOOD PLYWOOD

Quality Consistency Beauty



CARB Compliant. Sustainably Sourced.





**DRAGON PLY**  
The highest quality,  
highest value,  
environmentally  
responsible hardwood  
plywood, let us tell you  
how we do it.



## Quality Assured

Our China offices are staffed with personnel educated in wood processing and highly experienced in plywood production and quality control management. These experts conduct rigorous in-depth inspections at every step in the production process. Our inspectors suspend or reject all Dragon Ply cores or veneers that do not meet our high standards. This adherence to stringent quality specifications makes Dragon Ply one of the most consistent performing panel products in the world.

## Environmentally Responsible

The strength of our green product offering is as environmentally sound as our supply chain. Select Dragon Ply mills are certified through accredited third parties and are FSC® certified for chain of custody as well as ISO 14001 certified for their environmental management systems. The majority of the core material used in Dragon Ply is procured from high yield Poplar plantations with typical harvest cycles of 9 years. Dragon Ply is produced in a large number of environmentally responsible core options to meet your specific requirements. Glue options include Soy based NAF, NAUF, and WBP Type 1 Exterior. Dragon Ply meets third party certifications including CARB2, EO, E1, E2, and FSC® and will comply by Dec. 12, 2017 with EPA Title VI Toxic Substances Control Act.



The mark of  
responsible forestry

**Look for  
FSC® Certified  
Products**



# Assured Core Performance



Core veneers originate with small independent suppliers where they undergo initial quality inspections.



Veneers are conditioned by machine dryers to produce a core with a consistent moisture content (MC) ideal for lay-up, avoiding potential warp and instability within the platform.



Core veneers then undergo a second more rigorous inspection for moisture content (MC) and thickness to ensure consistent sound cores.



Precision finger joints or scarf joints ensure sound stable cores. Scarf jointing the outer most long-grain and machine composed outer crossbands reduces core overlaps, core voids and putty that may be visible on the finished panel as core shadow or telegraphing of imperfections. Imperfect cores are rejected for Dragon Ply.



Composed core veneers are pressed in a multi-opening press using environmentally responsible and approved adhesives.



After pressing, cores are calibrated using a double head calibrating sander and are inspected again to ensure that they meet Dragon Ply's industry leading tolerances of +/- 0.3mm.

## Core Options



**Poplar Veneer Core**  
Also available FSC®



**Poplar 7-Ply**



**MDF X-Band Veneer Core**  
Also available 7 Ply



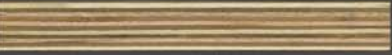
**Ultra Lightweight 7 Ply**



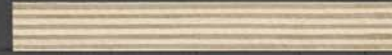
**Birch Veneer Core**  
Also available FSC®



**PBC**



**Tropical Hardwood Core**  
Also available FSC®



**Combi Core**  
Also available FSC®



**Lumber Core**



**MDF**

## Glue Options

- Soy based NAF
- CARB 2 Certified

- WBP - Type 1 exterior - NAUF
- EO/NAUF

- E1
- E2



## Dragon Ply Face Veneer



**1.** Fancy veneers are sliced and peeled on-site to ensure stringent control of grade, quality and thickness.



**2.** Face veneers are sliced at 0.5mm+. Thin faced panels are also available through vendors specializing in this process.



**3.** Fancy veneers are conditioned by precision calibrated dryers to provide faces with a consistent moisture content. Veneers undergo a second quality inspection for overall veneer quality.



**6.** The composed face veneers receive final inspections for thickness, overall quality and appearance before lay-up on Dragon Ply cores.



**7.** Cores are now married up with the selected veneer faces and inserted into the multi-opening hot press for final pressing.



**8.** The laid-up panels receive a finish sanding to 180 grit and higher before a final inspection by our Dragon Ply staff to ensure grade, thickness tolerance, and reject anything that does not meet strict Dragon Ply requirements.



**4.** Precision guillotine prepares fitch veneers for composing process.



**5.** Thick veneers are composed according to Dragon Ply specifications using state of the art European machine composers, the exact same equipment found in the highest end veneer facilities in the world.



**9.** Final Grading is done to meet or exceed HPVA standards. Panels are rejected here for warping and production defects that do not meet Dragon Ply's high standards.



# Face Veneers

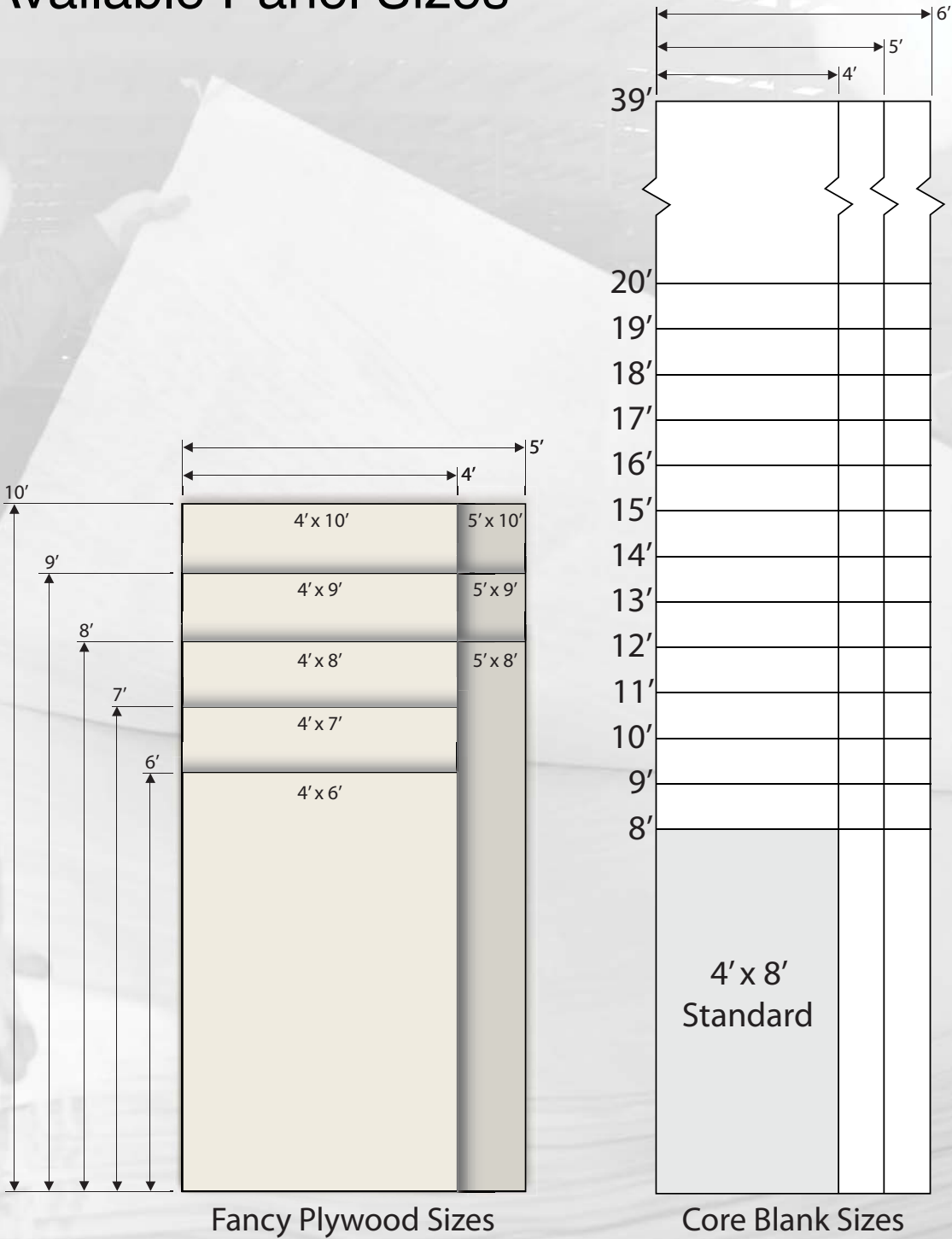
## Natural Beauty Starts Here

- All Dragon Ply products are graded against HPVA specifications for fancy plywood as a minimum.
- Because our partner factories control quality from log to panel, we are able to ensure the highest quality results while having the flexibility to meet customer specific requirements in fancy veneer composition.
- We offer a complete line of fancy species as well as species used in industrial applications.



Many Other Species Options Available

## Available Panel Sizes



Industrial panels and plywood core blanks  
in 4' to 6' wide and up to 39' long.  
Call for a quote.



# DRAGON PLY®

## ENSURING ENVIRONMENTAL, CORPORATE AND SOCIAL RESPONSIBILITY

TO DELIVER A TOP QUALITY DRAGON PLY TO YOU TOMORROW, WE STARTED PREPARING YOUR ORDER **NINE YEARS AGO.**

### ENVIRONMENTAL ASSURANCE PROGRAMS



#### LACEY CARB CITES

All Dragon Ply vendors are approved through a rigorous audit process to conform to CARB2 and Lacey Act requirements for legal fiber.



Plantations of rapid growing poplar are harvested on an astounding 9 year cycle!



Materials sourced from FSC plantations is your assurance that these forests are managed to the highest environmental, social and economic standards that combined protect water, soil, and wildlife.

#### ISO 14001 ISO 9001

ISO 9001 Quality Management and 14001 Environmental Management Systems approved factories ensure the highest level of compliance and control.

### QUALITY CONTROL ASSURANCE PROGRAMS



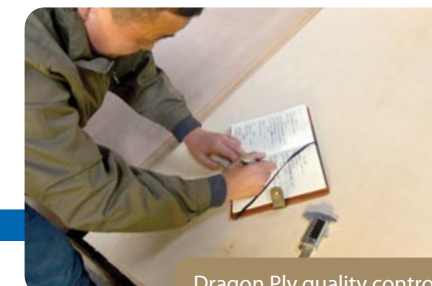
Finished Dragon Ply panels undergo a rigorous series of tests for emissions and physical properties by multiple testers: by the mill, by certified third party labs and by Dragon Ply's own third party labs.



Random testing ensures that Dragon Ply product meets the California Air Resources Board's (CARB2) stringent emission standards for formaldehyde emissions.



Physical properties such as internal bond are tested by the mill and by our Dragon Ply staff in our Dragon Ply Quality Control lab.

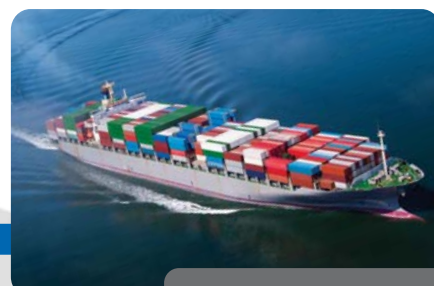


Dragon Ply quality control makes regular inspections of all process in the production cycle, including raw materials, press parameters, moisture content, bond, grade and thickness tolerance.

### ASSURED LOGISTICS PROGRAM



Dragon Ply lifts are loaded in shipping containers or shipped by Break Bulk to minimize freight costs.



Direct working relationships with shipping lines ensures added reliability and real time tracking information on all shipments.



Dragon Ply enters North American markets through 8 major ports close to our many distribution centers.

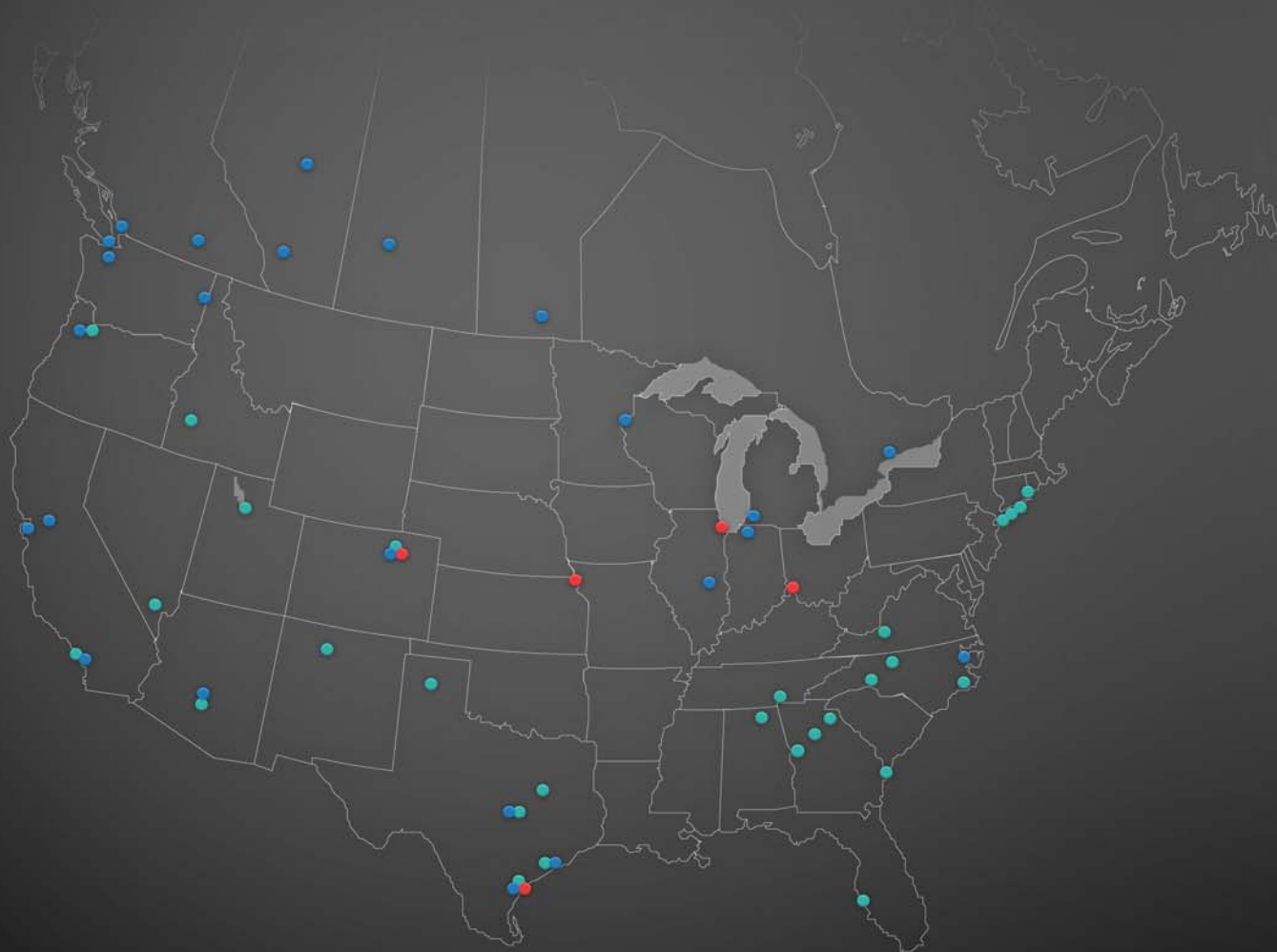


The Dragon Ply distribution network covers North America to ensure that a continuous supply of Dragon Ply is located near most major markets.





# Dragon Ply is Available Across North America from



**HARDWOODS**



**RUGBY**

USA 888-826-5528  
Canada 844-365-6995  
[hardwoods-inc.com](http://hardwoods-inc.com)

888-826-5580  
[paxtonwood.com](http://paxtonwood.com)

1-603-369-4710  
[rugbyabp.com](http://rugbyabp.com)