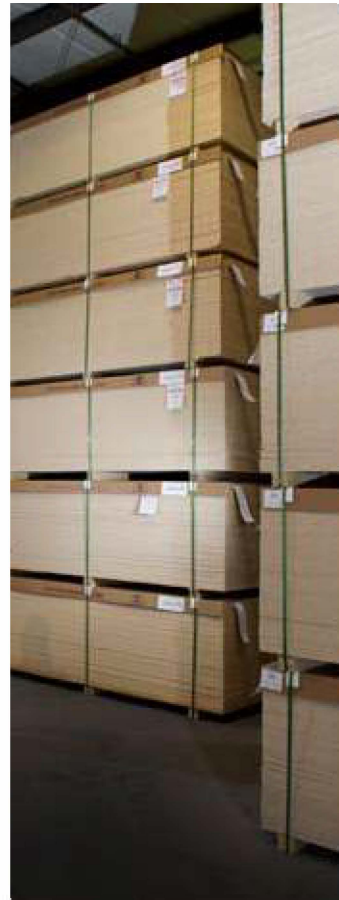




Birchland Plywood-Veneer Limited

www.birchlandplywood.com

- 3 The Birchland Story
- 5 Pre-selection
- 7 Trim
- 9 Splicing
- 11 Grading
- 13 Veneer Faces
- 15 Pressing
- 17 Sanding and Sawing
- 19 Logistics
- 21 Bendable Plywood
- 23 Razor Edge Tape
- 24 Product Offerings
- 25 Contact



With its early start in the Muskoka area, Midway Lumber Mills Limited has been claimed by the Thessalon area for the past fifty years as a source of industrial and economic pride. The move to Thessalon Township from its southern roots brought Mr. J.B. Morgan and his family to the north shore of Lake Huron, reinforcing the industrial complexion of the area, while sustaining the timber heritage that characterizes the Thessalon area since its early beginnings over 100 years ago.

Midway Lumber was not the only, nor the first logging and lumber operation in the local area, but it has remained longer than any other, providing employment and a solid economic base upon which its sister mills and most local businesses and their employees have relied for a half century.

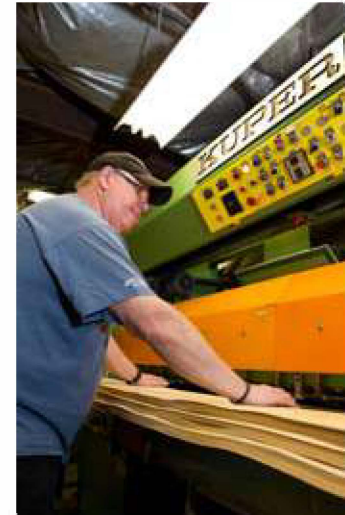
A unique man in many respects, John B. Morgan has been credited by many for not only providing a sustainable economic base to the area, but for introducing some of the most modern farming equipment, livestock strains, and crop developments to the local agricultural community, while operating his farm in the 1960s. After many successful business endeavours-even through the Great Depression-John incorporated Midway Lumber Mills Limited. When he began to run out of timber, he bought the rights for two northern townships-McMahon and Morin-and moved to the Algoma District in 1948 where he built his mill. As things progressed, J.B. decided to build a veneer mill instead of selling the veneer logs to someone else. This became one of the first



developments of value-added production in what was becoming the growing family of Midway enterprises. In 1958, Birchland Veneer Limited was incorporated.

Hubert Morgan, J.B.'s son, started work in 1938, growing up around the business. In 1951, Hubert became the General Manager of the Midway Mill. J.B. Morgan passed away in 1969, and his son took over until his retirement. In the mid 1970's Hubert's sons Bruce and Doug took over the management of the two businesses. Bruce took the role of President and General Manager at Midway and Doug at Birchland Veneer. In the mid 1980's they opened Birchland Plywood, which was managed by Don Peterson, a cousin of Bruce and Doug.

Today, Bruce's sons are in the managing roles at the facilities. Mike Morgan is President and General Manager of Midway. Eric Morgan is President and General Manager of Birchland Plywood-Veneer.





PRE-SELECTION



The flitch "books" are reviewed and graded to determine the best yield and quality and all sequences are kept together. Once this is complete the books are cut-to-length.

PRE-SELECTION

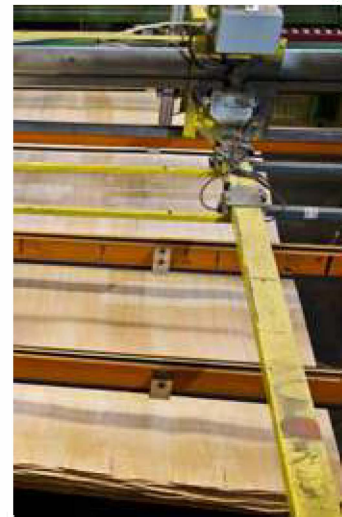




SPLICING



Once the flitch has been cut-to-width and glue has been applied to the veneer edges at the Monguzzi, it proceeds to the next step which is splicing together the individual veneer leaves to form a sheet. The size of the sheet can vary, depending on the finished product ordered.





GRADING



Birchland Plywood-Veneer uses a grading room and staff to provide a unique line that many larger hardwood plywood mills cannot provide. Utilizing grading techniques that follow HPVA grading guidelines, our graders can provide a unique look to a preferred client's product. This is accomplished by sorting for various characteristics that will allow the end user to make products that are uniform and matching specific to their needs.

GRADING



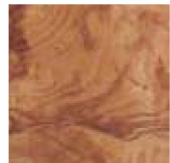


VENEER FACES



Birchland Plywood-Veneer has over 100+ natural species in stock as well as Alpi® Recon and Realtec® Veneer. We take pride in being able to offer our clients such a large selection.

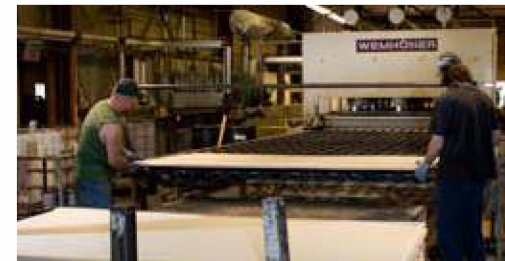
VENEER FACES





PRESSING

PRESSING



Birchland's pressing capabilities are limitless, whether on our conventional multi-opening press or on our newest addition; a 9ft x 17ft single platen that will produce:

- 4 panels of 4'x8',
- 3 panels of 5'x8',
- 2 panels of 4'x10',
- 1 panel of 5'x10', 4'x12', 5'x12' etc.

This significantly reduces both our press loading, "stand time" (time panel sits with adhesive on it waiting for pressing) by 80%, and unloading time (auto/computer process, not human).

All this adds up to increased quality, production capability and capacity.

We also have a melamine shuttle press that will accommodate panels up to 5'x12'.

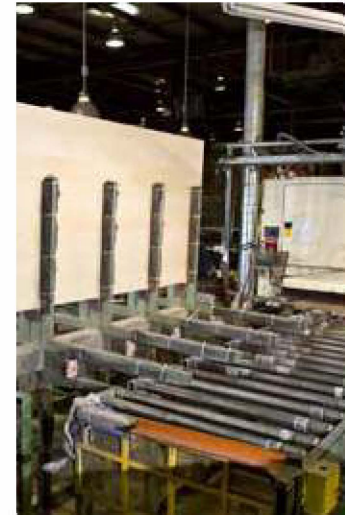


SANDING & SAWING



In addition to conventional wide belt drum sanding Birchland utilizes a multi head, multi-directional sander to provide very specific sanding quality based on species of veneer and customer preference. Increasingly thinner veneer, reconstituted veneers, bamboo and exotic veneers all require different sanding parameters that can be programmed and stored in the systems computer providing consistent sand quality between batches and reduced set up time. Cross grain and counter front panels are sanded in line using the same technology.

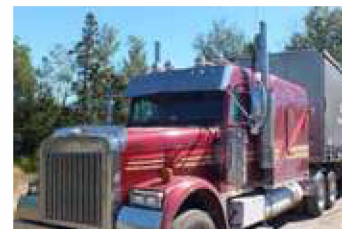
The beauty of Birchland's sanding system lies in its segmented sanding plates providing a consistent sand on the entire panel without the risk of edge "snipe" or sand through that can occur on conventional sanding systems. With the pressure beam system the sander instantly detects surface variations and adjusts pressure to maintain a consistent sand quality, fully automatically.





Feel confident that your shipment will arrive in a timely manner with our in-house logistics company (MAJA Trucking) which incorporates a fleet of curtain side and flatbed trailers as well as an extensive network of partner carriers that get the job done.

Whether it is truck, rail, or intermodal, we have the capability to deliver in a timely fashion.





RAZOR EDGE

In addition to our regular recon edge tapes that complement our ALPI line of recon veneer, Birchland Plywood-Veneer Ltd. will now stock edge tape in all standard species in .5 and 2 mm thicknesses. This is available for immediate shipment and delivery with your hardwood plywood orders.

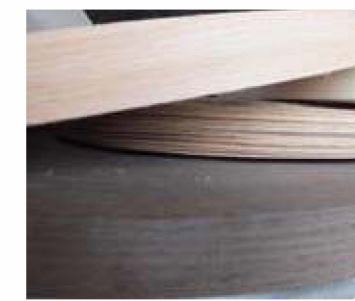
Standard roll sizes (.5 mm - 500 ft., 2.0 mm 320 ft.) Machine tape, fleece backed and sanded.

- Birch
- Maple
- White Ash
- White Oak
- Cherry
- Walnut
- Red Oak

More stock species to come. Custom widths and other species available on special order. See your sales person or contact our office for pricing and more information.

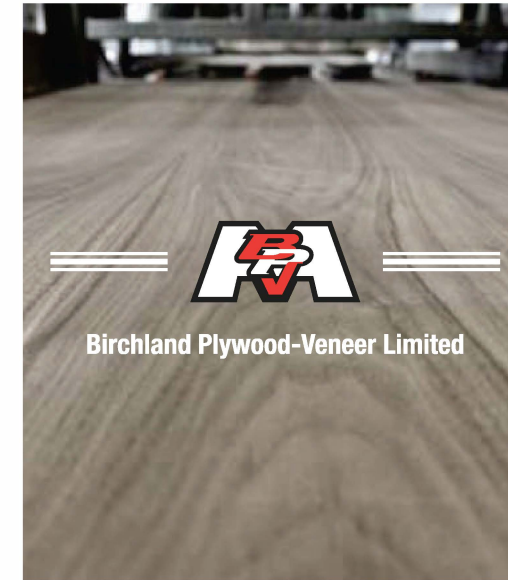
Finishing: Edge Tape can be top coated with any finish. Addition of ultra violet light inhibitors has been suggested to prevent color change. Penetrating oils, oil-based polyurethane, lacquer, and tung oil will bring out the character in this beautiful veneer available from Birchland Plywood-Veneer Ltd.

RAZOR EDGE



PRODUCT OFFERINGS

We Provide: Hardwood Plywood Products & Edge tape
Sizes: 4'x6', 7', 8', 9', 10', 12'
5'x6', 7', 8', 9', 10', 12'
And custom sizes
Thickness from 1/8" to 1 1/4"
Core: Domestic Fir, Domestic Aspen, Import Poplar, Multi-Layer Baltic, Cambi-core (VC/MDF), Performance Core (OSB), Multi-Core (OSBNC) Particleboard, MDF
Cuts: Flat cut, Rotary cut, 1/2 Round, Quarter cut, True and False Rift
Veneer Species: Over 100+ natural species in stock as well as Alpi Recon and Realtec veneer
Specialty Products: Veneer one side/ Melamine one side - 4'x6' - 5'x12'
Cross Grain - 10'x4' - 10'x5', 8'x4'
And custom sizes eg. 97"x30", 38", 40", 42"



Birchland Plywood-Veneer Limited
P.O.Box 430,
Thessalon, ON, Canada
P0R 1L0

Toll free: 1-800-461-2226
Phone: 705-842-2430
Fax: 705-842-2496
Email: sales@birchlandplywood.com





Proudly supplied by



HARDWOODS SPECIALTY PRODUCTS

888-826-5528

hardwoods-inc.com