



BRENLO TIMES

In the realm of construction materials, plywood stands out as a versatile and reliable option for both interior and exterior projects. Let's delve into the unique characteristics and applications of this material to help you make informed decisions for your next construction endeavor.

THIS MONTH'S
FEATURED
EMPLOYEE

TJ RAI

Plywood Sheets



Plywood is renowned for its exceptional strength-to-weight ratio, making it a go-to choice for structural applications both indoors and outdoors. From subflooring and roofing to sheathing and formwork, plywood provides reliable support and stability to construction projects of all scales.

Exterior-grade plywood is specially engineered to withstand the elements, offering superior durability and moisture resistance. Its layered construction and use of waterproof adhesives make it an ideal choice for outdoor applications such as siding, fencing, and decking, ensuring longevity and performance even in harsh climates.

With increasing emphasis on sustainability in construction, plywood made from responsibly sourced timber is a preferred option. Look for certifications such as FSC (Forest Stewardship Council) to ensure your plywood comes from well-managed forests, minimizing environmental impact.



Choosing The Right Material

When selecting between MDF and plywood for your interior and exterior projects, consider factors such as aesthetic requirements, structural demands, moisture exposure, and budget constraints. Both materials offer distinct advantages, and the decision should align with the specific needs and goals of your project.

Veneer plywood is a popular choice in construction, There are several grading systems used for veneer plywood, with the most common being those established by organizations like the American Plywood Association (APA) and the International Hardwood Products Association (IHPA). Here's an overview of the typical grades you might encounter:

A Grade: Also known as "A-Grade" or "AA Grade," this is the highest quality grade of plywood veneer. A Grade veneers are free from defects such as knots, voids, patches, and other blemishes. They have a uniform appearance and may exhibit an attractive grain pattern. A Grade plywood is often used in applications where aesthetics are important, such as high-end cabinetry, furniture, and architectural millwork. This is what Brenlo stocks for sheets.

B Grade: B Grade veneers may contain some defects, but they are still of good quality overall. Common imperfections found in B Grade plywood include small knots, mineral streaks, and minor discolorations. These defects are typically limited in size and quantity and do not significantly affect the structural integrity of the plywood. B Grade plywood is suitable for a wide range of applications, including furniture making, shelving, and general construction where appearance is less critical than functionality.

C Grade: C Grade plywood is considered utility-grade plywood, meaning it may contain more noticeable defects compared to A and B grades. These defects can include larger knots, voids, patches, and variations in color and grain. While C Grade plywood may not have the same visual appeal as higher grades, it is still structurally sound and suitable for many applications where appearance is less important, such as subflooring, sheathing, and temporary construction projects.

D Grade: D Grade plywood is the lowest quality grade and often referred to as "shop grade" or "reject grade."

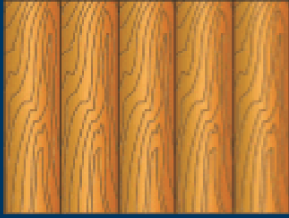
Good 1 Side" (G1S) and **"Good 2 Sides" (G2S)** are terms used to describe the appearance of plywood panels, particularly in the context of hardwood plywood. These terms indicate whether one or both sides of the plywood sheet have a higher-quality veneer surface.



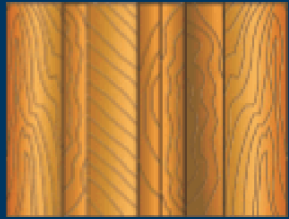
Good 1 Side (G1S): Plywood labeled as G1S means that only one side of the panel has a visually appealing or "good" veneer surface. This side is typically free from major defects like knots, patches, and discolorations, making it suitable for applications where only one side of the panel will be visible. The reverse side of the plywood may still have defects or a lower-quality appearance, but it remains structurally sound.

Good 2 Sides (G2S): Plywood labeled as G2S indicates that both sides of the panel have a visually appealing veneer surface. Both faces of the plywood are free from major defects and exhibit a uniform appearance with consistent grain patterns.

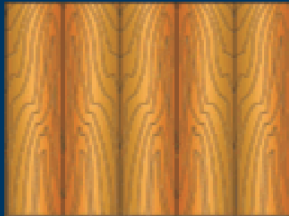
When selecting between G1S and G2S plywood, consider the specific requirements of your project. If only one side will be visible or if budget constraints are a concern, G1S plywood may be sufficient. However, if you require a high-quality finish on both sides or if the project demands superior aesthetics, investing in G2S plywood is advisable.



SLIP MATCH is a method of matching veneers for the face of plywood where consecutive sheets of veneer are slipped out, side by side and joined together with a repetition of the same grain appearance.



RANDOM MATCH indicates veneers, either sliced or rotary, are put together for the face of a piece of plywood at random without matching the grain.



BOOK MATCH is achieved when one piece of veneer is turned over to join the adjacent piece, like turning the pages of a book. The most common match resulting in a balanced grain pattern.

Matching Techniques

In woodworking and veneering, matching refers to the arrangement of veneer sheets to create a specific pattern or effect on a surface.

Different matching techniques can produce distinct visual results, enhancing the appearance of furniture, cabinetry, and architectural millwork. Among the various matching methods, three of the most common are book match, slip match, and random match.

In addition to these primary matching techniques, there are other variations and combinations used in veneering, such as center match, balance match, diamond match, and reverse slip match. Each matching method offers its own aesthetic appeal and can be chosen based on the desired look, the characteristics of the wood veneer, and the requirements of the project. Experimenting with different matching techniques can lead to creative and visually stunning results in woodworking and veneering applications.

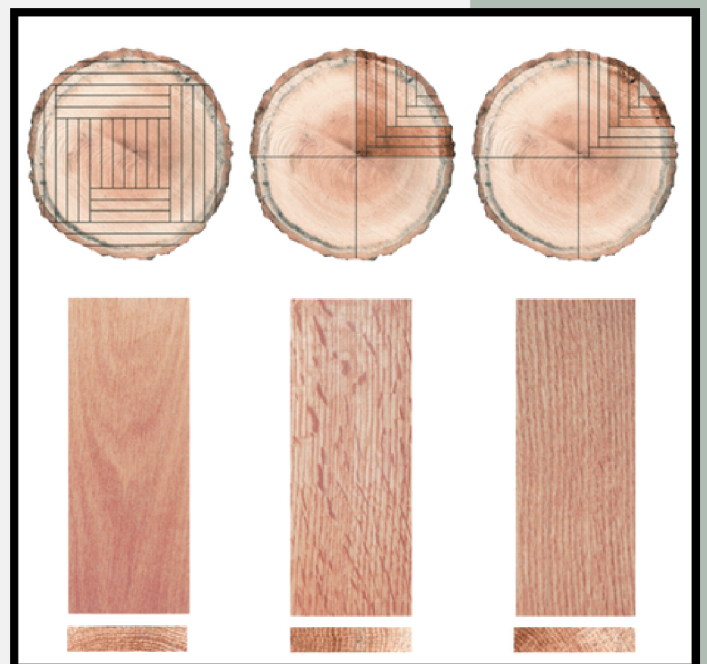
In woodworking and lumber industries, the term "cuts" refers to the method used to slice or saw logs into boards or veneer sheets. Different cutting techniques yield wood pieces with distinct grain patterns, textures, and characteristics. Some common types of cuts include:

Cuts

Plain Sawn (Flat Sawn): Plain sawing is the most common and straightforward cutting method. It involves slicing the log parallel to its growth rings, resulting in boards with a cathedral or "flame" grain pattern on the face. Plain sawn boards tend to have a wider range of grain patterns and are more prone to cupping and warping than other cuts. However, they are also more cost-effective and yield higher quantities of usable lumber from each log.

Quarter Sawn: Quarter sawing involves cutting the log into quarters and then sawing each quarter perpendicular to the growth rings. This produces boards with a straight, vertical grain pattern known as "rift" or "vertical" grain. Quarter sawn lumber is prized for its stability, straightness, and resistance to warping and cupping. It also exhibits distinctive medullary rays, which can add visual interest to furniture and woodworking projects. However, quarter sawing is a less efficient use of the log and typically results in narrower boards.

Rift Sawn: Rift sawing is a variation of quarter sawing that aims to produce boards with an even tighter, straighter grain pattern. It involves cutting the log at a slightly different angle to minimize the appearance of medullary rays and achieve a more uniform look. Rift sawn lumber retains many of the benefits of quarter sawn wood, including stability and straight grain, making it suitable for high-quality furniture and cabinetry.



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ABILITY TO PAINT/ PRIME	✓	✓	✓
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COMPARED TO PVC	No harmful dust No static cling No edge-gluing required	No plastic look or smell Paint or stain without priming Look and feel of real wood
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At Brenlo we sell..

At Brenlo, we offer a diverse range of plywood species tailored to meet your specific requirements, all meticulously matched with our solid wood trim. Explore our collection featuring book-matched veneers in maple, walnut, birch, mahogany, red oak, and a slip-matched rift-cut white oak.

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FEATURED EMPLOYEE

TEJINDER
"TJ" RAI



Introducing TJ Rai! He holds the role of Senior Lead Hand for House Lots and is also a skilled Machine Operator. TJ has an impressive 26-year history with Brenlo, showcasing his commitment and expertise. Known for his cheerful demeanor and warm smile; he's a familiar face around the office that we are all happy to see.

Before joining Brenlo, TJ ran his own boutique where he personally designed and handcrafted a range of clothing, from dresses to suits and jackets. Even today, his passion for design and sewing remains strong, and his boutique continues to thrive. TJ has been happily married since 1987 and is a proud father of two sons. TJ expresses that going to work brings him immense joy and a sense of being valued and supported.

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65 Worcester Road, Toronto, ON M9W
5N7

P: 416-749-6857

E: frogboard@brenlo.ca



STEPPING INTO A NEW ERA

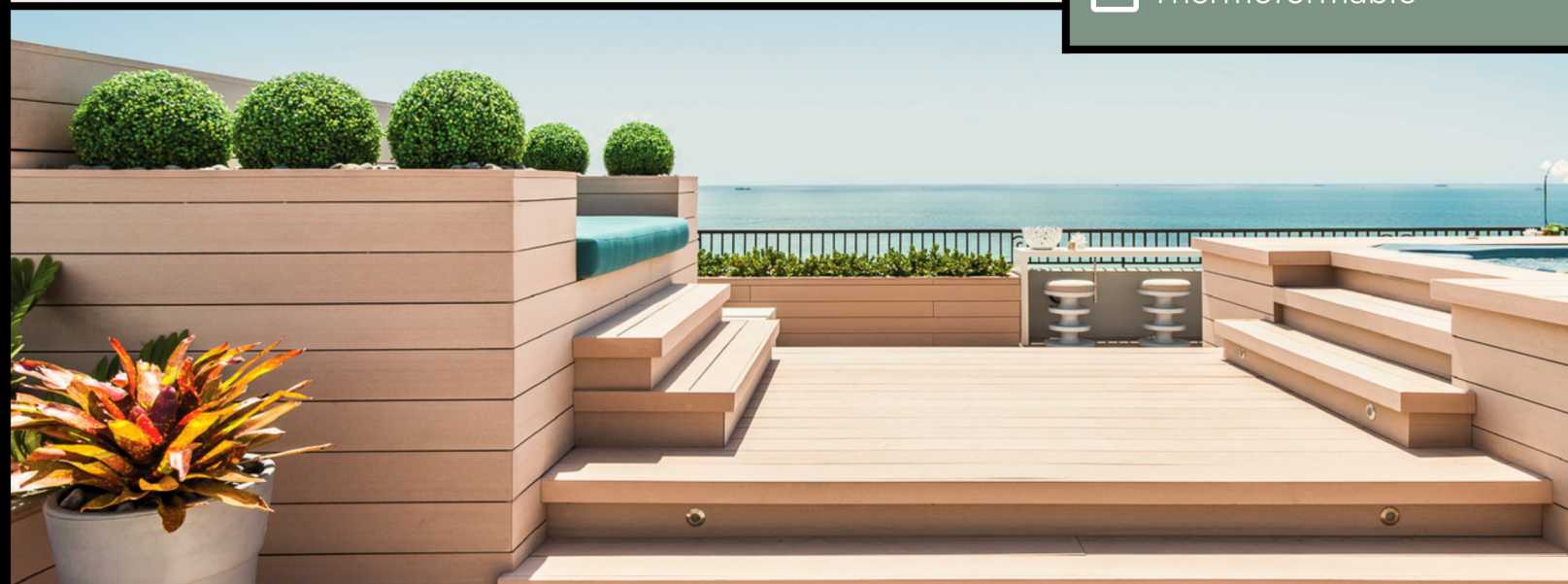
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a revolutionary product made up of upcycled rice hulls, making it durable, strong, water-resistant, sustainable, and indistinguishable from natural wood. Built for interior and exterior applications, Frogboard can be used in a range of applications.

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- ✓ Wide range of Usage
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