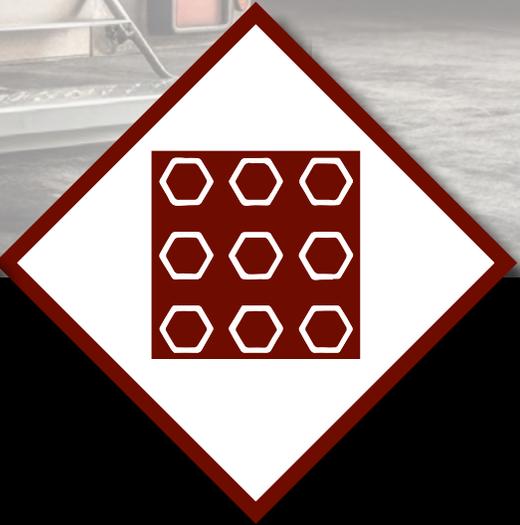


GUIDE TO PLYWOOD FOR TRUCK MANUFACTURERS



THOMES CANADA LTD



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WHAT IS BALTIC BIRCH PLYWOOD?

Baltic birch is a popular and unique type of plywood commonly used in furniture and cabinet work. It is native to the Baltic Sea region of Eastern Europe, which is where it gets its name. Unlike other plywood options, Baltic birch plywood is naturally stronger, more durable, and features a uniform, attractive face.

This type of plywood is produced by tightly compressing and bonding together multiple layers of birch veneer, or thin sheets of birch wood. Because each birch veneer layer has a uniform thickness, the end result is a void-free, stable, more consistent, and aesthetically appealing sheet of plywood. The many desirable characteristics of Baltic birch plywood make it a popular choice in the truck manufacturing industry for anti-slip flooring and other applications.

KEY FEATURES OF BALTIC BIRCH PLYWOOD

Baltic birch plywood is highly durable and consistent, making it a common choice for various structural purposes. It is especially popular due to its exterior grade lamination, which makes it more resistant to water damage.

Baltic birch is easy to machine and possesses greater screw-holding strength than other types of plywood. It also features high strength, thicker backing and face veneer, and ply uniformity, making it a good choice for creating more complex joints. Compared to other plywood varieties that often break, split, or chip when trying to produce finely machined joints, Baltic birch plywood will hold together nicely.

Key characteristics of Baltic birch plywood include:



Superior Screw Strength

Rather than using softer wood materials for the core layers, Baltic birch plywood uses actual birch veneers to create a void-free core. As such, screws are able to grasp and attach with all of their threads. Other plywood types use softer traditional veneer core materials that are more prone to voids, reducing the grasping potential of screws.

Improved Joinery

The uniform Baltic birch veneer layers of the core give clean dovetails, rabbets, miters, and dados for strong and aesthetically looking joints. Further, the void-free core ensures there is no glue starvation on the joinery, providing 100% glue coverage. Baltic birch plywood ensures you get a product that will serve you for a long time.





Enhanced Strength and Stability

Like any plywood, Baltic birch plywood is vulnerable to warping or bowing. However, because this type of plywood uses thicker, cross-banded layers of birch veneer, it's more balanced. This results in a flatter product that is less prone to warping compared to other plywood types.

Aesthetic Properties

One main benefit of Baltic birch plywood is that, because the core is void-free and made entirely of birch wood, the edges feature an aesthetic appearance that simply require sanding and finishing. Other plywood types often require time-consuming edge taping/ banding to make them more attractive.



Higher Quality Thicker Face Veneer

A close inspection of Baltic birch reveals remarkably thicker face and back veneers compared to those present on traditional cabinet-grade plywood. Veneer faces on traditional plywood are thin and, therefore, easily damaged.

Allows the Incorporation of Paper Back Veneer

If you don't like the outer birch appearance of Baltic birch plywood, you can face it with any kind of aesthetic wood veneer to enhance its appeal. Just be sure to veneer both sides to ensure stability.





Great for Laser Cutting and Engraving

Baltic birch is among the few types of plywood available in large enough sheets while offering consistent density and thickness that allow it to be cut with a laser. Therefore, it is a great choice for architectural applications and other purposes that require engraving.

Applications

Because of these many desirable and beneficial features, Baltic birch plywood is a common choice for the trucking industry, most commonly used for anti-slip flooring, trailer decking, and more. Other common applications for Baltic birch plywood include:

- » Roof, wall, and ceiling boards
- » Fencing
- » Scaffolding
- » Interior/facade architectural elements





THOMES CANADA PLYWOOD FOR THE TRUCKING INDUSTRY

At Thomes Canada, we can supply Baltic birch plywood for use as anti-slip flooring in commercial vehicles, such as cargo vans, trailers, trucks, and more. These vehicles depend on anti-slip flooring for safety and protection. In these applications, a texturized phenolic film is applied to the plywood to create a slip-free environment in both wet and dry conditions. This texture also helps prevent cargo and other products from slipping and moving around during transit.

Common trucking industry applications for Baltic birch anti-slip flooring include:

Commercial vehicles.

Floors within commercial vehicles must be able to hold up against high stress levels that result from heavy foot traffic, large loads, and exposure to moisture brought in by personnel. Birch wood is very durable, making it ideal for constructing graded plywood that can be used as flooring in commercial vehicles. Its durability along with its wear resistance, abundance, reliability, and light weight make Baltic birch plywood the preferred wood type for this application.



Semi-trucks.

Commercial semi-trucks depend on plywood floors and walls that can hold up against long-term wear and tear and large loads. Baltic birch plywood is durable and strong yet lightweight, making it the ideal plywood choice for flooring in semi-trucks.



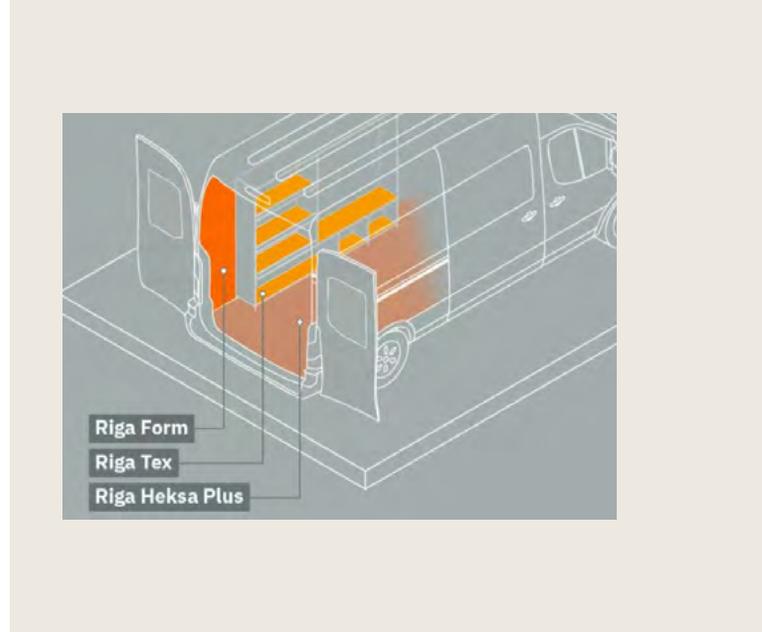
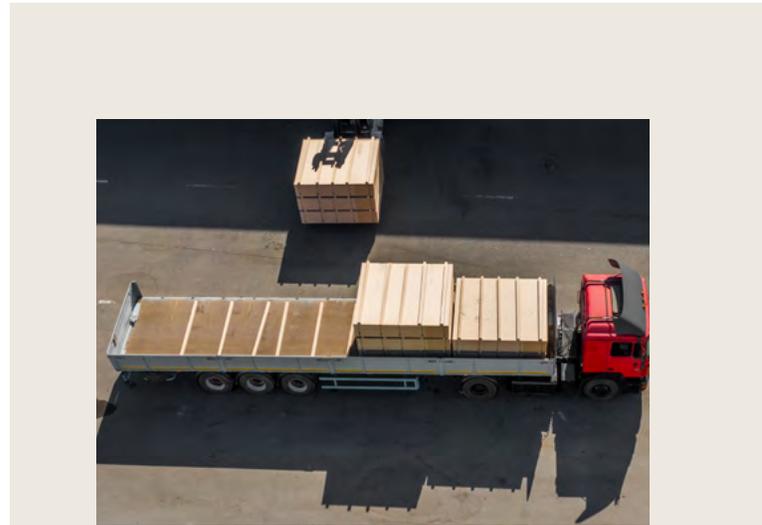


Trailer decks.

Trailer decks benefit from Baltic birch plywood that has been laminated with water-resistant glue, as this will allow it to withstand constant exposure to moisture and other elements. Baltic birch plywood is available in various grades, from B, BB, or CP. When determining the best grade for your needs, you need to consider the level of impact as well as the environmental conditions your trailer will encounter.

Cargo vans.

Flooring in cargo vans needs to be tough and durable enough to withstand regular and heavy use. Seamless cargo van flooring constructed with Baltic birch plywood provides a strong, reliable, and durable flooring solution that can hold up against heavy traffic. It is easy to install and can be cut on-site to fit cargo vans of any size. Offering a strong yet flexible flooring option, Baltic birch plywood provides an attractive appearance without sacrificing durability. Additionally, Baltic birch plywood is very cost-effective, making it a worthy investment for your cargo van flooring needs.



GET HIGH-QUALITY COMMERCIAL VEHICLE FLOORING FROM THOMES CANADA

At Thomes Canada, we are the leading supplier of commercial vehicle flooring. We offer products made from high-quality materials that can withstand daily wear and tear and provide superior traction in the face of all weather conditions. Our wide range of product options guarantees that truck manufacturers will find a product that perfectly matches their company's brand. For more information about our Baltic birch plywood truck flooring, [contact us today](#).

ABOUT THOMES

Our MISSION is Supply Chain Oriented, to find you the best option to solve your production requirements.

When Thomes Canada was founded in 1963, we started with decades of experience in the production of Birch Plywood, made in Finland. The history of Birch Plywood began in the decade of the 1800s when mechanization of the log peeling process was invented. Since 1963, Thomes Canada and its partner manufacturers have revolutionized the North American market by developing what is still defined as state-of-the-art Baltic Birch plywood. It uses conventional press technologies and innovative advanced coatings to achieve superior product results every time. By combining redefined process flows with innovative product designs and standards Thomes Canada did not become yet another wholesale supplier, but rather a product solutions innovator.



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