



RUSSIAN / BALTIC BIRCH PLYWOOD

Russian birch plywood is also known commonly as Baltic birch plywood. Russian / Baltic birch plywood has more than 50 years of proven service as a high quality structural panel that meets the most demanding standards in the industry. Superior in strength and stability, it is particularly appreciated in furniture, cabinetmaking and in the manufacture of engineered flooring. The panels are sanded on both sides and their surface is smooth and durable. One of the fortunate benefits to Russian / Baltic birch plywood is that you can leave the edges exposed and save you time and material. Russian / Baltic birch plywood differs widely from other standard plywood by its composition and properties.

MAJOR ADVANTAGES :

- Completely made of hardwood;
- High stability;
- High durability;
- Lightweight - Easy to handle;
- High mechanical strength;
- Good thermal insulation and chemical neutrality;
- Excellent wear resistance
- High resistance to humidity (good resistance to water);
- Excellent surface quality;
- Good bonding glue;
- Classified for indoor or outdoor use;
- Good strength-to-weight ratio;
- Easy to reprocess as a solid hardwood;;
- Smooth surface, uniform grain and aesthetic finish;
- Can be dyed or varnished like solid wood;
- Aesthetically pleasing edges when left to discovered.

DIMENSIONS:

5'x 5 '(1525mm x 1525mm), 5' x 6 '(1525mm x 1830mm)
4 'x 8' (1220mm x 2440mm),5 'x 7' (1525mm x 2134mm)
5 'x 8' (1525mm x 2440mm),5'x10' (1525mm x 3050mm)
Longrain or Crossgrain.

TYPE OF GLUE:

- Urea Carbamide (interior, MR)
- Phenol-formaldehyde (exterior, WBP)

MOISTURE CONTENT: Maximum 10%

THICKNESSES:

standard available from 1/8" (3 mm) to 1-37/64 " (40mm)
Other sizes and thicknesses available on request.

DENSITY: 680 - 700 kg / m³

EMISSION OF FORMALDEHYDE: E1 & ULEF

CERTIFICATIONS: E1, CE, CARB II, ULEF & FSC

FSC & CARB II: StarrForest offers FSC-certified Russian / Baltic birch plywood, suitable for many applications. Our FSC birch plywood is manufactured without the addition of urea-formaldehyde resins; Which qualifies them for additional LEEDS points. They offer superior bonding strength to the urea-based adhesives most commonly used in hardwood plywood. In addition, our Russian / Baltic birch plywood is certified to meet the Carb II emissions standard established by the California Air Resource Board (CARB).

Context: In 2008 the State of California adopted regulations to address formaldehyde exposure from composite wood products through the establishment of emissions controls. The new requirements set upper limits on formaldehyde emissions from composite wood products sold in California or used to make finished goods offered for sale in California. The first phase of the regulation, known as CARB Phase 1, took effect on January 1, 2009. The next phase of the regulation, known as CARB Phase 2, took effect December 1, 2012. As with CARB Phase 1, CARB Phase 2 has defined guidelines for the distributor of russian birch plywood as to when they must comply with CARB Phase 2.



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