



## Plyterra Birch Exterior

*Water-resistant plywood for exterior and interior use*

**Application:** construction, parquet manufacturing, exterior and interior decoration works, vehicles production, packing, sheathing, flooring

**Standard sizes:** 2500x1250x2500 mm; 2440x1220x2440 mm; 1525x1525 mm  
**Standard thicknesses:** 4; 6; 6,5; 9; 12; 15;16; 18; 19; 21; 24; 27; 30; 35; 40 mm

**We can produce plywood according to your drawings!**

### STRENGTH CHARACTERISTICS

Thickness of plywood, mm	Bending strength, MPa, mean value		Modulus of Elasticity, MPa, mean value	
	perpendicular to the fiber	parallel to the fiber	perpendicular to the fiber	parallel to the fiber
<b>6,5</b>	60	85	4300	9500
<b>9</b>	65	85	5700	9000
<b>12</b>	60	80	6000	8500
<b>15</b>	60	80	6500	8500
<b>18</b>	75	70	7000	8500
<b>19</b>	70	70	7200	8000
<b>21;24;27;30</b>	70	70	7000	8000

**Experience the quality of Plyterra Birch Exterior!**

<b>VENEER</b>	100% birch	<ul style="list-style-type: none"> <li>✓ Strict thickness tolerances</li> <li>✓ Resistance to bending and warpage</li> <li>✓ Exceptional strength and stiffness</li> <li>✓ High load-bearing capacity</li> <li>✓ Durability</li> <li>✓ Beautiful texture of birch plywood</li> <li>✓ Non-standard thicknesses and sizes</li> <li>✓ Variety of grades: 1/2 (B/BB); 2/2 (BB/BB; 2/3 (BB/CP); 2/4 (BB/C); 3/3 (CP/CP); 3/4 (CP/C); 4/4 (C/C)</li> </ul> <p><b>Different combination of long and cross grain veneer (non-standard lay-up) is available</b></p>
<b>BONDING</b>	Weather and boil proof phenol-formaldehyde adhesive (WBP)	<ul style="list-style-type: none"> <li>✓ Excellent bonding properties</li> <li>✓ Formaldehyde emission levels comply with the requirements of E1, CARB ULEF (according to the results of WKI tests, the average value Plyterra Birch Exterior is 0,1 mg/h x m2)</li> </ul>

**Upon the agreement with a customer, the plywood can be overlaid with:**

- ✓ Protective and decorative HPL coating
- ✓ Decorative CPL coating
- ✓ Fiberglass with smooth and pebbled surface
- ✓ Phenolic film available in different colors
- ✓ Modified UV resistant phenolic film

The products are certified in accordance with the European standard **EN 13986:2004+A1:2015** and have «Certificate of Factory Production Control» № **0765-CPR-0994**.

**Reasons to choose Plyterra:**

1. Loyal customers in 68 countries
2. High quality of plywood
3. Manufacturing of tailor-made products
4. Access to individual online account for every customer
5. Openness and desire to meet customers' requests
6. Advanced woodworking equipment
7. On-time delivery

**If you have special requirements, we can customize our product for you!**



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