



Morex 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, mm: | 2500x1250x2500; | Standard thicknesses, mm: | 4; 6; 6,5; 9; 12; 15;16; |
| | 2440x1220x2440; | | 18; 19; 21; 24; 27; 30; |
| | 1525x1525; | | 35; 40 |
| | 1525x1830; | | |
| | 1525x3050 | | |

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 |
| 6,5 | 60 | 85 | 4300 | 9500 |
| 9 | 65 | 85 | 5700 | 9000 |
| 12 | 60 | 80 | 6000 | 8500 |
| 15 | 60 | 80 | 6500 | 8500 |
| 18 | 75 | 70 | 7000 | 8500 |
| 19 | 70 | 70 | 7200 | 8000 |
| 21;24;27;30 | 70 | 70 | 7000 | 8000 |

Experience the quality of Morex Birch Exterior!

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

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**.

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

