



## Morex

*High-quality fire-retardant plywood*

**Application:** construction, transport engineering, shipbuilding

Morex is a special brand of fire-retardant plywood. It is a low flammable material, preventing spread of fire on the surface, having a medium smoke-generating capacity and securing a moderate emission of hazardous substance into the air when burning. Physical and mechanical properties of this material make it suitable for Exterior and Interior use in many areas.

All layers of veneer used for Morex production are impregnated with flame retardant. Thus, the product complies with the highest level of fire safety and does not require additional treatment when machined or cut-to-size.

For the projects with more flexible requirements, we offer fire-retardant plywood having only face veneers impregnated. This solution has good fireproof properties but the technology of production reduces the cost of the final product. However, the hazardous level of plywood with impregnated face veneers is much higher in comparison with standard plywood.

**Standard sizes:** 1525x1525; 1525x1830;  
1830x1525; 1220x2440;  
2440x1220; 1250x2500;  
2500x1250; 2100x1830;  
2300x1830; 2600x1525;  
2850x1830; 2950x1525;  
2980x1525; 2980x1850;  
3000x1525; 3050x1525,  
cut-to-size

**Standard thicknesses:** 4; 6; 8; 9; 10; 12; 15; 16;  
18; 19; 20; 21; 22; 24;  
25; 28; 30 mm

### Experience the quality of Morex!

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**100% birch plywood or mixed plywood with veneer of other deciduous woods**

- ✓ Exceptional strength and stiffness
- ✓ High load-bearing capacity
- ✓ Durability
- ✓ 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)
  
- ✓ Compliance with Requirement **R1** and **R10** of **EN 45545-2**
- ✓ Fire classification: **B-S1, d0** according to EN 13501-1:2007 + A1:2009
- ✓ Every veneer layer of plywood panels is impregnated with flame retardant
- ✓ Panel edges do not require additional treatment with flame retardant after cutting

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**Weather and boil proof phenol-formaldehyde adhesive (WBP)**

- ✓ Excellent bonding properties
  - ✓ Water-resistant properties
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On customer's request, the plywood can be overlaid with protective coating based on resin, CPL, fiberglass, and HPL. The coatings may have various designs and protect plywood from mechanical damages, UV-light, humidity and changing weather conditions.

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

