



PlyLaser

Application: Die cutting, production of toys

PlyLaser is a high-quality plywood produced specially for manufactures where laser cutting is used. Laser cutting has application in many industries, however, it is most popular in the cutting dies production. This special plywood is used as a platform for keeping the knives of the die cutting board in a proper way.

To produce PlyLaser we use only solid (whole) birch veneer for both face and inner layers with a minimum number of defects. It helps to eliminate voids inside the product.

We use adhesive based on special resin, which is not subject to combustion under the influence of the laser beam and safe for health. Thus, our product meets the strictest requirements of the cutting dies manufacturers and has already received the approval of professional die-makers. PlyLaser also has such properties as improved flatness, strength, durability and light weight.

PANEL SIZES

Standard size, mm:	1525x1525, 2500x1250x2500 2440x1220x2440	Standard thicknesses, mm:	4, 6; 8; 9; 11; 12; 14; 15;17; 18; 20; 21; 24; 25; 30
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TOLERANCES

Sizes, mm	$\pm 2,0$
Slant, mm	$\leq 2,0$
Deviation from edges straightness, mm	$\leq 2,0$

Experience the quality of PlyLaser!

100% birch veneer

- ✓ Solid (whole) veneer for both face and inner layers with a minimum number of defects (voids elimination inside the product)
- ✓ Customized thickness variance and thickness tolerances
- ✓ Moisture content <10%
- ✓ Improved flatness
- ✓ Easy laser cutting
- ✓ Exceptional strength
- ✓ Usage of safe-health components in production

Urea formaldehyde adhesive: Class 1 (Interior) according to EN 314-2

- ✓ The adhesive is not subject to combustion under the influence of the laser beam
- ✓ Excellent bonding properties
- ✓ Formaldehyde emission levels comply with the requirements of E1, CARB

The product is certified in accordance with the European standard **EN 13986:2004+A1:2015** and has «Certificate of Conformity of Factory Production Control» № **0766-CPR-416/1**.

Reasons to choose Plyterra:

1. Loyal customers in 56 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!



Contact us:

+7 (8342) 22-32-99
marketing@plyterra.ru
www.plyterra.com