

## **BIRCH PLYWOOD SPECIFICATION AND DESCRIPTION OF THE UNIT PRICE**

### **BIRCH PLYWOOD**

The thin peeled Birch boards, which are obtained by peeling the Birch tree trunk parts of certain lengths and diameters with a thickness of 1.4 mm in special machines, are dried to 4-7% humidity, and the surfaces are glued with EcoLogical Lignin adhesive. It is a wood material obtained by sticking 3, 5, 7, and more odd-numbered boards by placing them on top of each other with their fiber directions perpendicular to each other and pressing them under pressure. After the pressing process, Birch Plywood products are sanded on both surfaces, the calibration process is performed, and the edge is subjected to mitering.

The main source of EcoLogical Lignin used for bonding boards contains 20-30% Lignin, a polymeric substance that forms woody cell walls of trees along with cellulose in all woods and binds wood fibers and cells together. This strong and rigid structure allows trees to stand upright and grow. Lignin is a recyclable, 100% natural, and environmentally friendly product found in abundance in trees and plants all over the world.

#### **Sizes of Birch Plywood Material:**

##### **Panel sizes;**

1220 mm x 2440 mm

1250 mm x 2500/2750/3000/3340/3660 mm

1500 mm x 3000 mm

1525 mm x 2500/2750/3050/3340/3660 mm

1830 mm x 3050/3340/3850 mm

2150 mm x 3050 / 3340/3850 mm

Birch plywood panels with a length of up to 2500 mm are also available. Special size panels and processing can be made according to the customer's requirements.

##### **Thicknesses;**

4, 6,5, 9, 12, 15, 18, 21, 24, 27, 30, 35, 40, 45, 50 mm

