

Products – Raw birch plywood

BIRCH PLYWOOD

Birch plywood, both sides sanded or unsanded.

GENERAL TECHNICAL DATA

Plywood is a flat sheet, consisting of three or more layers of veneer glued together with mutually perpendicular placement of wood fibers in the adjacent layers. Multilayer and mutually perpendicular direction of the fibers in the adjacent layers provide plywood with strength in both directions, shape stability, which is an advantage compared to other wooden materials.

PLYWOOD GRADES

Depending on top veneer quality, plywood is graded as follows:

B – designed for transparent and translucent coating, for varnishing and tinting with dyes

S – designed for transparent and translucent coating, painting, re-veneering

BB – designed for facing with laminates and films, HPL and CPL, painting, re-veneering

CP – designed for overlay with HPL and CPL, painting

C – for use in building constructions, packaging, etc., when plywood outlook is of secondary importance.

STANDARD SIZES

1250x2500mm, 2500x1250mm, 1220x2440mm, 2440x1220mm.

Standard thicknesses, mm: 6,5; 9; 12; 15; 18; 21; 24; 27; 30; 35; 40.

Nominal thickness, mm	Number of layers	Mean thickness, mm	Min thickness, mm	Max thickness, mm
6,5	5	6,4	6,1	6,9
9	7	8,8	8,8	9,5
12	9	11,8	11,5	12,5
15	11	14,8	14,3	15,3
18	13	17,6	17,1	18,1
21	15	20,4	20,0	21,0
24	17	23,2	22,9	24,0
27	19	26,2	25,2	27,0
30	21	29,0	28,1	30,0
35	25	34,0	33,5	35,5
40	29	39,5	38,8	41,2

Size tolerances comply with the standard EN 315. Limit deviation in length and width is $\pm 3,5$ mm.

Cut-to-size plywood is available on request.

GLUING

Plywood is glued with phenol-formaldehyde or carbamide-formaldehyde resins and meets the demands of the standards EN 13986 and EN 314-2.

Class of formaldehyde emission – E1.

Physical and mechanical properties meet the requirements of EN 13986.

ADVANTAGES

Plywood is durable, but light material, which can be easily processed. Plywood is subjected to further painting, laquering, overlay with films, plastics, veneers of valuable species. Plywood is easy to cut and process on different lathes, including CNC machines.