

FILMFACED PLYWOOD

Plywood, overlaid on one or both sides with phenolic or melamine films.

GENERAL TECHNICAL DATA

Filmfaced plywood is a flat sheet, consisting of three or more layers of veneer glued together and overlaid with films. 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.

TYPES OF THE SURFACE

Depending on sphere of application, filmfaced plywood can have the following types of the surface:

Smooth – designed for beton shuttering works, housing and transportation of goods, interior designs, children playgrounds, etc.

Meshwire – designed for arrangement of floorings in transport, semi-trailers, containers, stages, etc.

Hexa – designed for arrangement of floorings in transport, semi-trailers, containers, production of flight cases, boxes for musical instruments, stages, etc.

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

Filmfaced plywood is durable, but light material, which can be easily processed, has high wear resistance and is water proof. Can be use outside and is resistant to chemicals and ultraviolet.

Wide range of colours and types of the surface will satisfy any demand of the customer.