



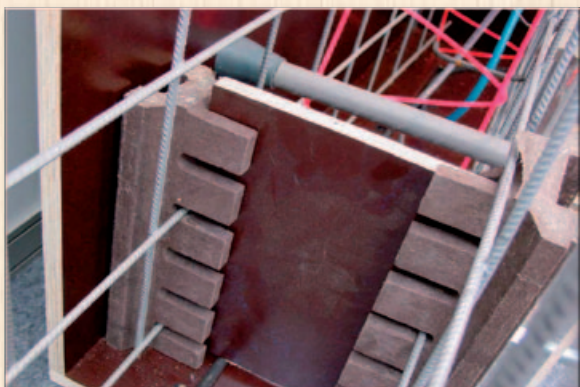
**DYAS**  <sup>®</sup>  
**Form**

**DYAS**  <sup>®</sup>  
**Wire - Mesh**

**DYAS**  <sup>®</sup>  
**Ring - Mesh**

**Film faced plywood**

Water-resistant plywood is jointed with phenol-formaldehyde glue. It is specially covered on both sides by phenolic foil and its edges are painted with protective water-resistant coating.



## Film faced plywood

### Application:

Boards with smooth foil are mainly used in the building industry in the production of building elements. This type of material can be mainly used in production of containers, railway carriages, poster surfaces and agriculture constructions.

### Thickness:

9, 10, 12, 15, 18, 21, 25, 27 mm  
(Special sizes on customer request)

### Dimensions:

1250 x 2200 mm  
1250 x 2500 mm  
1500 x 2500 mm  
(Special sizes on customer request)

### Type:

Form  
- both surfaces are smooth  
Construction A - outside: beech  
- inside beech: lengthwise – beech, crosswise - beech

Ring/Wire mesh  
- one surface with antislip finish  
Construction B - outside: beech  
- inside beech lengthwise - poplar, spruce,  
- crosswise - beech

### Surface:

Surface is covered with phenol foil of 150 g/m<sup>2</sup>, or according to customer request. Edges of the boards and their cut-to size elements must be treated with the water resistant painting, preferably with the two-component lacquer.

### Quality:

acc. to PN 2-DY/97 and PN 8-DY/97 Water-resistant plywood with surface phenol foil-finish

### Moisture:

min 5%, max 12% (at the time of delivery)

### Gluing:

Class of gluing 3 (AW 100) – acc. ČSN EN 314-2. It is intended for unprotected exterior area ČSN EN 636.

### Rough average values of physical and mechanical properties:

Thickness (mm)	Numbers of veneers	Surface density (kg/m <sup>2</sup> )	Volume weight (kg/m <sup>3</sup> )	Tolerance (mm)	Bending strength (grain flow of cover veneer)	
					lengthwise	cross
9	5x/7x	6,7	750	± 0,6	60 N/mm <sup>2</sup>	30 N/mm <sup>2</sup>
10	7x	7,3	730			
12	7x/9x	8,2	683			
15	9x/11x	10,5	700	± 1,0		
18	11x/13x	11,4	633			
21	13x/15x	13,6	648	± 1,4		
25	15x/17 x	15,3	612	± 1,5		
27	17x/19x	15,3	612			

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