

DYAS

QUALITY IN ALL LAYERS SINCE 1930



DYAS absorption

a plywood containing a special layer of a technical rubber approximately 3 mm thick, which absorbs noise and vibrations. This plywood finds its use especially in a production of vehicles for the public transport – mainly for floorings, walls and decks. Its particular properties contribute to a greater comfort of the passengers.

www.dyas.eu

CE
Certificate ISO9001
Certificate PEFC



DYAS Absorption

is a health harmless plywood complying with the A (E1) Class of formaldehyde escape according to ČSN EN 1084 norm – by the method of gas analysis.

Airborne sound insulation:

Tested according to ČSN EN ISO 140-3 and ČSN EN ISO 717-1.

Applications:

Dyas Absorption finds its use especially in a production of vehicles for the public transport, suitable mainly for floorings, walls and decks in trains, buses, trams and metro, contributing to a greater comfort of the passangers.

Thickness:

16, 18, 21 mm
(other thicknesses on customers' requests)

Gluing:

Class of gluing 2 (A 100) - ČSN EN 314-2 – can be used in protected exterior areas according to ČSN EN 636

Dimensions:

2 200 x 1 250 mm
2 500 x 1 250 mm
2 500 x 1 500 mm
2 500 x 1 800 mm
(Other dimensions on customers' requests.)

Quality:

BB/BB and BB/CP with closed surface. Boards may be produced with a phenolic film on the surface. This special modification is suitable in the areas with a higher humidity.

Machining:

Plywood and its edges machining by means of CNC on customers' request.

Moisture:

6% to 12% (at the time of delivery)

Thickness	Number of plies	Approximate volume weight	Area density	Bending strenght (surface veneer grain orientation)		Thickness tolerance (mm)
		(kg/m ³)	(kg/m ²)	lengthwise	crosswise	
16	11x	770	12,64	40,0 N/mm ²	20,0 N/mm ²	+0,6/-0,6
18	11x		14,22			+0,6/-0,6
21	15x		16,59			+0,8/-0,8