



BETA PODŁOGA

White EPS boards



λ
0,038
W/mK



working load
below 2,1 t/m²



roofs and floors
thermal insulation



easy assembly



economic
solutions

DESCRIPTION

BETA PODŁOGA polystyrene boards comply with the following standard code: EN 13163:2012
EPS-EN 13163-T1-L2-W2-Sb2-P5-BS115-CS(10)70-DS(N)2-DS (70,-)2-TR100.

These boards are produced with a polystyrene foaming method.

Accessible sizes: 1000 x 500 [mm]

Board thickness: from 10 [mm], in increments of 10 [mm]

Edges' trim: smooth or milled overlapping edges (trim size – 15 [mm])

ATTENTION

- The polystyrene boards should not come into direct contact with substances harmful to polystyrene, e.g. organic solvents such as acetone, benzene, turpentine or gasoline.
- The polystyrene boards should be stored protected from damages and exterior conditions.

SALES TO DISTRIBUTORS

Contact for distributors of building materials.
Information about where to buy products.

yetico.com/contact

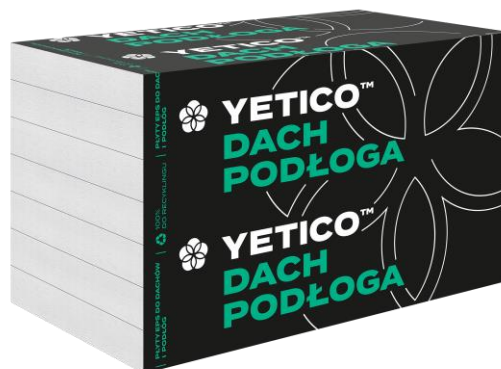
SALES TO INVESTORS

Contact for investors (business and individual),
contractors, architects, and designers.

yetico.com/contact

BASIC USES

- thermal insulation of floors and roofs under working load below 2,1 t/m²
- thermal insulation of floors on the ground in housing, public or industrial development, under little loads
- thermal insulation of floors in public utility development
- thermal insulation of full flat roofs
- thermal insulation of external and internal roofs
- thermal insulation of balconies and terraces
- thermal insulation of floors in underfloor heating systems



DOCUMENTS

- Declaration of performance no. 08-DoP-2018 with the standard code EN 13163:2012.
- Hygienic approval EPS no. HK/B/0921/02/2015.

THERMAL RESISTANCE – dependent on product thickness

Thickness [mm]																			
10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Thermal resistance RD [m ² K/W]																			
0,25	0,50	0,75	1,05	1,30	1,55	1,80	2,10	2,35	2,60	2,85	3,15	3,40	3,65	3,90	4,20	4,45	4,70	5,00	5,25



PACKAGING METHOD

Specification	Volume of packages, size of boards and number of items per package depend on board thickness																			
Thickness [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Items per package	60	30	20	15	12	10	8	7	6	6	5	5	4	4	4	3	3	3	3	3
Package volume (smooth edges) [m ³]	0,300	0,300	0,300	0,300	0,300	0,300	0,280	0,280	0,270	0,300	0,275	0,300	0,260	0,280	0,300	0,240	0,255	0,270	0,285	0,300
Package volume (milled edges)[m ³]	x	x	x	x	x	x	x	0,268	0,258	0,287	0,263	0,287	0,248	0,268	0,287	0,229	0,244	0,258	0,272	0,287
Covering area of package (smooth edges) [m ²]	30,0	15,0	10,0	7,50	6,00	5,00	4,00	3,50	3,00	3,00	2,50	2,50	2,00	2,00	2,00	1,50	1,50	1,50	1,50	1,50
Covering area of package (milled edges) [m ²]	x	x	x	x	x	x	x	3,34	2,87	2,87	2,39	2,39	1,91	1,91	1,91	1,43	1,43	1,43	1,43	1,43

PARAMETERS

Board type		Beta Podłoga	
Product code (declared level or class properties of products)		EPS-EN 13163-T1-L2-W2-S _b 2-P5-BS115-CS(10)70-DS(N)2-DS (70,-)2-TR100	
Declared product properties conform to EN 13163:2012 standard	Measuring unit	Requirements or tolerances	
		Class or level codes	Values
Thickness (dimensional tolerance class)	[mm]	T1	1
Length (dimensional tolerance class)	[mm]	L2	2
Width (dimensional tolerance class)	[mm]	W2	2
Rectangularity over the length and width (dimensional tolerance class)	[mm/mm]	S _b 2	2/1000
Flatness (dimensional tolerance class)	[mm]	P5	5
Flexural strength levels	[kPa]	BS115	115
Compressive strength at 10 % deformation	[kPa]	CS(10)70	70
Classes of dimensional stability under constant laboratory conditions ¹	[%]	DS(N)2	0,2
Levels of dimensional stability under constant temperature and humidity conditions ²	[%]	DS(70,-)2	2
Tensile strength perpendicular to faces	[kPa]	TR 100	100
Declared thermal conductivity rate	[W/(m·K)]	[-]	0,038
Reaction to fire	From A to F	Euroclass	E

¹ measured in 23°C, 50% relative moisture,

² measured in temperature of 70°C for the duration of 48 hour





BETA PODŁOGA

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