



EPS 200

White EPS boards



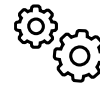
λ
0,034
W/mK



working load
below 6,0 t/m²



roofs and floors
thermal insulation



easy assembly



economic
solutions

DESCRIPTION

EPS 200 polystyrene boards comply with the following standard code: EN 13163:2012
EPS-EN 13163-T2-L3-W3-Sb5-P10-BS250-CS(10)200-DS(N)5-DS(70,-)2-DLT(1)5

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

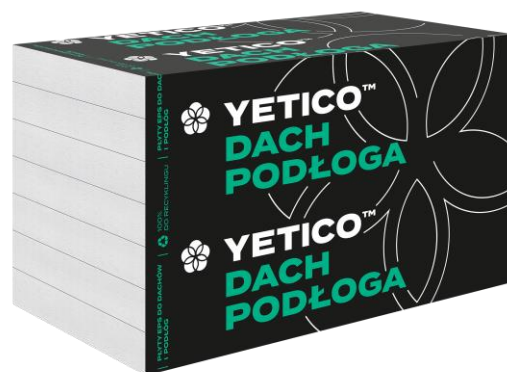
Contact for investors (business and individual),
contractors, architects, and designers.

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YETICO™

BASIC USES

- Thermal insulation of floors and roofs under working load below 6,0 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. 11-DoP-2018 with the standard code EN 13163:2012
- Hygienic approval EPS-P no. HK/B/0921/02/2015

THERMAL RESISTANCE – dependent on product thickness

Thickness [mm]																				
50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250
Thermal resistance RD [m ² K/W]																				
1,45	1,75	2,05	2,35	2,60	2,90	3,20	3,50	3,80	4,10	4,40	4,70	5,00	5,25	5,55	5,85	6,15	6,45	6,75	7,05	7,35



PACKAGING METHOD

Specification	Boards' covering area – 1215 x 600 [mm], 0,729 [m ²]																				
	Volume of packages, size of boards and number of items per package depend on board thickness																				
Thickness [mm]	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250
Items per package	10	8	7	6	5	5	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2
Package volume [m ³]	0,365	0,350	0,357	0,350	0,328	0,365	0,321	0,350	0,284	0,306	0,328	0,350	0,248	0,262	0,277	0,292	0,306	0,321	0,335	0,350	0,365
Covering area of package [m ²]	7,29	5,83	5,10	4,37	3,65	3,65	2,92	2,92	2,19	2,19	2,19	2,19	1,46	1,46	1,46	1,46	1,46	1,46	1,46	1,46	1,46

PARAMETERS

Board type		AQUA EPS-P 200	
Product code (declared level or class properties of products)		EPS-EN 13163-T1-L3-W2-S _b 2-P5-BS250-CS(10)200-DS(N)2-DS(70,90)1-DLT(2)5-WL(T)1-WD(V)3	
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]	L3	3
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]	BS250	250
Compressive strength at 10 % deformation	[kPa]	CS(10)200	200
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(70,90)1	1
Deformation levels under specified compressive load and temperature ³	[%]	DLT(2)5	5
Water absorption level under total, long-term immersion - examination performed according to PN-EN 12087, item 7.2.2, method 2A – i.e. a sample immersed completely for a trial period of 28 days.	[%]	WL(T)1	1
Water absorption level under long-term diffusion	[%]	WD(V)3	3
Declared thermal conductivity rate	[W/(m·K)]	[-]	0,034
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,

³ measured in temperature of 80°C for the duration of 48 hours, under 20 kPa load





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