



GAMMA FASADA

White EPS boards



λ
0,044
W/mK



walls and facade
thermal insulation



easy assembly



economic
solutions

DESCRIPTION

GAMMA FASADA polystyrene boards comply with the following standard code: EN 13163:2012
EPS-EN 13163-T2-L3-W3-Sb5-P15-BS50-DS(N)5-DS(70,-)3

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

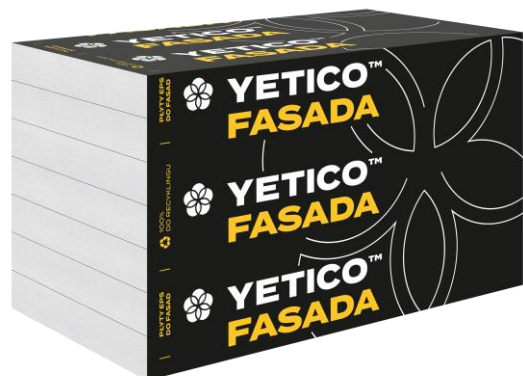
SALES TO INVESTORS

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

yetico.com/contact

BASIC USES

- external thermal insulation performed with a light-wet method [ETICS]
- external thermal insulation performed with a light-dry method
- external insulation in interior partition walls
- external horizontal thermal insulation of:
 - roofs with cladding from the inside
 - floors between joists
 - light framed roofs with cladding
 - spaces between rafters
 - ventilated roofs



DOCUMENTS

- Declaration of performance no. 05-DoP-2018 with the standard code EN 13163:2012
- Hygienic approval EPS no. HK/B/0921/02/2017

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]																			
0,20	0,45	0,65	0,90	1,10	1,35	1,55	1,80	2,05	2,25	2,50	2,70	2,95	3,15	3,40	3,60	3,85	4,05	4,30	4,50



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		Gamma Fasada	
Product code (declared level or class properties of products)		EPS-EN 13163-T2-L3-W3-S _b 5-P15-BS50-DS(N)5-DS(70,-)3-TR80	
Declared product properties conform to EN 13163:2012 standard	Measuring unit	Requirements or tolerances	
		Class or level codes	Values
Thickness (dimensional tolerance class)	[mm]	T2	2
Length (dimensional tolerance class)	[mm]	L3	3
Width (dimensional tolerance class)	[mm]	W3	3
Rectangularity over the length and width (dimensional tolerance class)	[mm/mm]	S _b 5	5/1000
Flatness (dimensional tolerance class)	[mm]	P15	15
Flexural strength levels	[kPa]	BS50	50
Classes of dimensional stability under constant laboratory conditions ¹	[%]	DS(N)5	0,5
Levels of dimensional stability under constant temperature and humidity conditions ²	[%]	DS(70,-)3	3
Declared thermal conductivity rate	[W/(m·K)]	[-]	0,044

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

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





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