



ALFA PASSIVE FASADA EKO

Grey EPS boards
with recycled materials



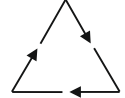
λ
0,031
W/mK



facade and walls
thermal insulation



up to 30% better
thermal insulation



minimum of 10%
recycled content

DESCRIPTION

ALFA PASSIVE FASADA EKO polystyrene boards contain a minimum of 10% recycled materials.

The EPS boards comply with the following standard code: EN 13163:2012.

EPS-EN 13163-T1-L2-W2-Sb2-P5-BS80-TR80.

These boards are produced with a polystyrene foaming method, based on materials with graphite to improve their thermal insulation properties.

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.
- Due to higher absorption of UV radiation graphic boards should be protected from direct exposure to the sun during transportation, as well as in storage within construction sites.

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

YETICO™

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. 18-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]																			
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]																			
0,30	0,60	0,95	1,25	1,60	1,90	2,25	2,55	2,90	3,20	3,50	3,85	4,15	4,50	4,80	5,15	5,45	5,80	6,10	6,45



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		Alfa Passive Fasada EKO	
Product code (declared level or class properties of products)		EPS-EN 13163-T1-L2-W2-S _b 2-P5-BS80-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]	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]	BS80	80
Tensile strength perpendicular to faces	[kPa]	TR80	80
Declared thermal conductivity rate	[W/(mK)]	[-]	0,031
Reaction to fire	from A to F	Euroclass	E





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