



TECHNICAL DATA

**FOAMED POLYSTYRENE BOARDS WITH
CONSTRUCTION PAPER
PAPA YETICO**
CHARAKTERISTIC

Core of PAPA YETICO is made of foamed polystyrene boards EPS 100-038 DACH, PODŁOGA - product code: **EPS-EN 13136-T1-L1-W1-S1-P3-BS150-CS(10)100-DS(70,-)2-DLT(1)**, fire resistance: class E)

Board cladding is made of undercoat asphalt construction paper of P64-1200 variety, on the veil of glass fibres. Construction paper overlaps are not smaller than 50 mm. Possibility of double-sided lamination.

Available dimensions of boards: 500x1000 and 1000x1000 [mm].

Board thickness: from 43 to 203 [mm] with every 10 [mm] grading (including thickness of construction paper and glue - 3 [mm]).

Edge treatment: square edge.

APPLICATION

These products can be installed:

- over flat surfaces which are slightly steep with the angle of inclination not exceed 20%,
- on concrete or wooden foundations, trapezoidal metal sheet and on existing paper board covering,
- in residential (single- and multi-family) buildings, public buildings and general constructions.

The use of the boards should be compliant with the technical project of a given building.

TECHNICAL DATA
Dimensions and packaging way

Description		Unit of measurement	PAPA YETICO
Thickness of boards		[mm]	from 43 to 203 mm with every 10 mm grading (including thickness of construction paper and glue - 3 mm)
Board dimensions		[mm]	Variety 500x1000 and variety 1000x1000 Other sizes on individual order
Coverage area of board	Variety 500x1000 mm	[m ²]	0,50
	Variety 1000x1000 mm		1,00
Packaging way		[-]	On a pallet

Properties

PAPA YETICO			
Core of board (YETICO EPS 100)			
Types of foamed polystyrene boards according to PN-EN 13163:2004		EPS 100-038	
Product code ((indicates declared levels or classes of product properties)		EPS - EN 13163-T1-L1-W1-S1-P3-BS150-CS(10)100-DS(N)5-DS(70,-)2-DLT(1)5	
Declared properties of the product according to PN-EN 13163:2004	Unit of measurement	Requirements or tolerances	
		Codes of classes or levels	Values
Thickness (dimensional tolerance class)	[mm]	T1	± 2
Length (dimensional tolerance class)	[mm]	L1	± 3
Width (dimensional tolerance class)	[mm]	W1	± 3
Rectangularity over the length and width (dimensional tolerance class)	[mm/mm]	S1	$\pm 5/1000$
Flatness (dimensional tolerance class)	[mm]	P3	± 10
Levels of bending strength	[kPa]	BS150	≥ 150
Compressive stress levels at 10% relative deformation	[kPa]	CS(10)100	≥ 100
Classes of dimensional stability under constant laboratory conditions ¹	[%]	DS(N)5	$\pm 0,5$
Levels of dimensional stability under specific conditions of temperature and humidity ²	[%]	DS(70,-)2	≤ 2
Deformation level under conditions of stress load and temperature ³	[%]	DLT(1)5	≤ 5
Levels of tensile strength perpendicular to frontal planes	[kPa]	not applicable	
Declared thermal conductivity coefficient	[W/(m·K)]	[-]	$\leq 0,038$
Declared thermal resistance (thickness-dependent)	[m ² ·K/W]		marked on the package
Reaction to fire	from A to F	Euroclass	E
Board PAPA YETICO			
Strength of construction board-foamed polystyrene joints	[kPa]		≥ 100
Resistance of construction board-foamed polystyrene joints to water	[kPa]		≥ 100
Resistance of construction board-foamed polystyrene joints to temperature +80°C and -20°C	[kPa]		≥ 100
Resistance to tearing off the connection of construction board-foamed polystyrene, moment of tearing off	[Nmm/mm]		≥ 20

ADMISSION

The boards are approved for use in construction engineering, under technical approval ITB AT-15-6765/2005, appendix nr 1/2008

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