

# Panel-Plyta

Glass wool slab for thermal insulation



## Classification:

Standard: EN 13162+A1:2015-04  
Product code:  
MW-EN13162-T4-DS(70,90)-WS-WL(P)-  
MU1-AFr5

Declaration of Performance:  
[www.isover.pl/DoP](http://www.isover.pl/DoP)

$\lambda_D = 0,034 \text{ W/mK}$

## APPLICATION

Thermal insulation slabs dedicated for Ventilated Facades.

Applied in single- and multi-layer solutions. In multi-layer approach recommended as a bottom layer of insulation set. Treated as a single-layer should be additionally installed with use of wind-proof membrane.

## SECONDARY APPLICATION

Panel-Plyta product can be applied in wide range of construction types:

- frame construction (wood and steel);
- prefab;
- cavity walls;
- metallic claddings;
- dry-lining;
- attic floors;

## PRODUCT CHARACTERISTICS

An excellent, **non-flammable** insulation material in the form of a mineral wool board obtained from glass fibers, suitable for use in many building partitions. Product thickness 50-200mm.

Panel-Plyta is easy to process and install. It is light and resilient, which is highly valued as an insulation in vertical partitions.

Slab with high hydrophobic properties, which guarantees additional safety of installation and use in application extremely exposed to moist.

## STORAGE

Products in original packages may be stored in open storage yards. A pallet, once unpacked or damaged, cannot serve as a protection against moisture

## PRODUCER:

**SAINT-GOBAIN CONSTRUCTION  
PRODUCTS POLSKA Sp. z o.o.**  
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TECHNICAL PARAMETERS			
Characteristics	Unit	Value	Norm
Declared lambda value $\lambda_D$	W/mK	0,034	EN 12667
Moisture resistance factor - MU	-	1	EN 12086
Airflow resistivity - AFR	kPa s/m <sup>3</sup>	≥5	EN 29053
Reaction to fire	-	A1	EN 13501-1
Dimensional stability - DS(70;90)	%	≤1	EN 1604
Long term water absorption - WL(P)	kg/m <sup>2</sup>	≤3	EN 12087
Short term water absorption - WS	kg/m <sup>2</sup>	≤1	EN 1609
Thickness tolerance class	-	T4	EN 823

Panel-Plyta Non-combustible glass wool slab					
Thickness [mm]	Dimensions [mm]	m <sup>2</sup> /pack	m <sup>2</sup> /pallet	R <sub>D</sub> [m <sup>2</sup> K/W]	Load thickness +pallet [mm]
50	600x1200	11,52	184,32	1,45	2550
80	600x1200	7,20	115,20	2,35	2550
100	600x1200	5,76	92,16	2,90	2550
120	600x1200	4,32	69,12	3,50	2550
140	600x1200	4,32	69,12	4,10	2550
150	600x1200	3,60	57,60	4,40	2550
180	600x1200	2,88	46,08	5,25	2550
200	600x1200	2,88	46,08	5,85	2550

1. Product available on pallets only. Pallet dimension 1200x1200 mm.
2. Minimum order quantity must be agreed with the producer