

# Aku-Płyta / Akuplat +

Glass mineral wool slabs



## CLASSIFICATION

**Standard:**  
PN-EN 13162+A1:2015-04

**Designation code:**  
•for th. 50-74 mm  
MW-EN13162-T2-MU1-AW0,90-AFr5  
•for th. 75-180 mm  
MW-EN13162-T2-MU1-AW1-AFr5

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

$$\lambda_D = 0,037 \text{ W/mK}$$

## APPLICATION

Acoustic insulation:  
- light partition wall  
- suspended ceilings  
- wall linings

## OTHER APPLICATIONS

Thermal and acoustic insulation of:  
- layered brick wall  
- walls with a frame structure (wooden and steel)  
- floors on joist

## PRODUCT CHARACTERISTICS

Product designed especially for systems of light partition walls. Its dimensions (thickness and width) perfectly corresponds with steel frames sizes. Excellent acoustic performance (declared sound absorption index) allows to achieve high acoustic insulation parameters of building partitions in which Aku-Płyta / Akuplat + are used.

## STORAGE

The products in original packages may be stored in open storage yards on a dry and even surface. A pallet, once unpacked or damaged cannot serve as a protection against moisture. After opening, the goods should be stored only under roof and protected against moisture. Stacking is forbidden, as it may damage the packaging and the product.

## TECHNICAL PARAMETERS

Parameter	Unit	Value	Standard
Declared thermal conductivity index $\lambda_D$	W/mK	0,037	EN 12667
Water vapour transmission MU	-	1	EN 12086
Declared air flow resistivity level - AFr	kPa s/m <sup>3</sup>	≥5	EN 2953
Reaction to fire class	-	A1	EN 13501-1
Declared sound absorption $\alpha_w$			
- for thicknesses 50-74mm	-	0,90	EN ISO 11654
- for thicknesses 75-180mm	-	1,00	EN ISO 11654
Thickness tolerance class	-	T2	EN 823

## Aku-Płyta / Akuplat + mineral glass wool slabs dimensions and packaging

Thickness [mm]	Packs per pallet	Dimensions [mm]	m <sup>2</sup> / package	m <sup>2</sup> / pallet	R <sub>D</sub> [m <sup>2</sup> K/W]	Height of full pallet [mm]	Gross weight of pallet [kg]
50	20	1200/600	14,40	288,00	1,35	2550	246
75	20	1200/600	8,64	172,80	2,00	2550	223
100	20	1200/600	7,20	144,00	2,70	2550	246
120	20	1200/600	5,76	115,20	3,20	2550	237
150	20	1200/600	4,32	86,40	4,05	2550	223

Products are supplied fully palletized (pallet size 1200x1250 mm)

## MANUFACTURER

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ISOVER products used in building insulation help to gather points in multi-criteria evaluation systems of green building BREEAM and LEED

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