

# UNIROL PROFI

Mineral glass wool with high thermal insulation properties



$$\lambda_D = 0,033 \text{ W/m}^2 \text{ K}$$

## Classification:

Standard: EN 13162:2012+A1:2015

Product code: MW-EN13162-T2-MU1-AFr5

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

## TECHNICAL PARAMETERS

Characteristics	Unit	Value	Norm
Declared lambda value $\lambda_D$	W/m <sup>2</sup> k	0,033	EN 12667
Moisture resistance factor - MU	-	1	EN 12086
Airflow resistivity- AFR	kPa s/m <sup>3</sup>	≥5	EN 2953
Reaction to fire	-	A1	EN 13501- 1
Thickness tolerance class	-	T2	EN 823

## dimensions & packaging

Thickness	Dimensions	m <sup>2</sup> /slab	m <sup>2</sup> / pallet	R <sub>D</sub>	Height of full pallet [mm]	Gross weight of pallet [kg]
50	9500/1200	11,40	273,60	1,50	2550	304,41
60	8000/1200	9,60	230,40	1,80	2550	307,43
80	6000/1200	7,20	172,80	2,40	2550	314,35
100	4500/1200	5,40	129,60	3,00	2550	295,77
120	4000/1200	4,80	115,20	3,60	2550	314,35
140	3300/1200	3,96	95,04	4,20	2550	303,20
150	3100/1200	3,72	89,28	4,50	2550	305,06
160	2900/1200	3,48	83,52	4,80	2550	304,44
180	2600/1200	3,12	74,88	5,45	2550	306,92
200	2400/1200	2,88	69,12	6,05	2550	317,22
220	2300/1200	2,76	66,24	6,65	2550	330,45

## MAIN APPLICATION:

Thermal and acoustic insulation of pitched roofs.

## OTHER APPLICATIONS:

Thermal and acoustic insulation of following:

- utility or non-utility attics
- floors and ceilings between joints
- wooden and steel frame constructions.

UNIROL PROFI should be used in all places where the insulation parameters of the division are most important. An extremely thermal conductivity index (lambda) allows to obtain the thermal resistance of division on the level that is required by passive houses with exceptionally low demand of heat.

## INSTALLATION:

UNIROL PROFI is a self-supporting product, so it does not require the application of rope when installed between rafters, which is economical and easy to assemble.

## PACKAGE:

UNIROL PROFI is compressed, packaged in rolls and shrink-wrapped. The individual rolls are packaged according to MPS system: 24 rolls per pallet.

## STORAGE:

Originally packed set (MPS) can be storage outside, placed on the flat and dry surface. Unpacked or destroyed multipack need to be stored under the roof. Separate rolls must be storage in the dry place under the roof to avoid moistening and other degradation.

## PRODUCER:

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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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