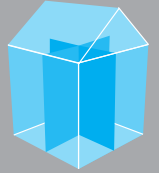




MineralPlus IPB 037 Partition Wall Insulation Slab



PRODUCT INFO

MineralPlus IPB 037 is a mineral wool based, flexible partition wall insulation slab with minimum dusting and easy application properties. MineralPlus IPB 037 is specially designed for partition wall systems and offers high level of thermal and sound insulation, as well as providing A1 reaction to fire class. MineralPlus is the only insulation slab in Turkish Market to provide Turkey's first and only "Eurofins Indoor Air Comfort Gold Certificate" and always ensures clean indoor air. MineralPlus' binder context does not contain phenol, formaldehyde and similar types of components. With its flexible nature, MineralPlus enables easier applications and saves labor and time on insulation applications. MineralPlus can be easily installed to plasterboard systems and ensures maximum performance by enabling continuous insulation.

Thickness (mm)	Width (mm)	Length (mm)	Thermal Conductivity Coefficient λ_D (W/mK)	Thermal Resistance R (m ² k/W)
50	600	1200	0,037	1,10
60	600	1200	0,037	1,35
80	600	1200	0,037	2,15
100	600	1200	0,037	2,70

MAIN PROPERTIES

Thermal Conductivity Coefficient:
 $\lambda_D=0,037$ W/m.K

Reaction to Fire Class:
A1

Provides high sound insulation performance
Tested in authorized laboratories.

PRODUCT PROPERTIES

- Low thermal conductivity coefficient, resistant to heat transmission.
 $\lambda_D=0,037$ W/m.K
- Absorbs air-borne sounds.
- Reaction to fire class; A1
- Does not itch thanks to its minimum dusting advantage.
- Flexible, easy to use, saves time and labor.
- Provides lower inventory cost thanks to compressed packages.

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Technical Properties	Unit	Value
Thermal Conductivity Coefficient	W/m.K	0,037
Reaction to Fire Class	-	A1
Water Vapor Diffusion Resistance	-	1
Short-term Water Absorption Value	Kg/m ²	≤ 1
Long-term Water Absorption Value	Kg/m ²	≤ 3
Compressive Strength (at 10% deformation)	kPa	Not Needed
Certificate	-	CE
Package	-	PE film

Application:

MineralPlus IPB 037 is a specially designed insulation slab for partition walls and can be easily installed to plasterboard systems. 1 – 1,5 cm air gap between plasterboard and MineralPlus IPB 037 can create a better insulation performance. MineralPlus IPB 037's flexible nature allows a continuous insulation application and provides maximum insulation performance.

Packaging and Storage:

PE film covered and compressed MineralPlus packages contain different quantities of slabs depending on the thickness of slabs. When the compressed packages opened, the slabs extend to their original size and this allows more m² product per package. Pictograms showing application details are located on the package. MineralPlus packages should be contained in sheltered areas and should not directly contact with the ground.



Thermal
Insulation



Sound
Insulation



Fire
Resistance

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