



PRODUCT INFO

Facade Slab 35, has developed for providing superior performance on Ventilated façade insulation applications. It offers high thermal and sound insulation performance and ranked as A1 on reaction to fire classification, highest level of performance, according to EN 13501-1. It has minimum dusting behavior and easy application with its flexible structure; which enables saving labor cost and time during application. It does not contain harmful chemicals in its binder content, like phenol and formaldehyde. It has the minimum VOC ratio. Knauf Insulation has become the world's first company to receive the Eurofins Indoor Air Comfort Gold standard which as an outstanding material according to the VOC (Volatile Organic Compounds) Indoor Air Quality emissions regulations. Thus, helps to the keeping air clean and healthy.

Thickness	Width	Length	Thermal Conductivity Coefficient	Thermal Resistance
(mm)	(mm)	(mm)	λ_D (W/mK)	R (m²K/W)
30	600	1200	0,035	0,85
40	600	1200	0,035	1,15
50	600	1200	0,035	1,45
60	600	1200	0,035	1,75
80	600	1200	0,035	2,35
100	600	1200	0,035	2,9

Facade Slab 35 Ventilated Facade Insulation Slab



MAIN PROPERTIES

Thermal Conductivity Coefficient:
 $\lambda_D=0,035$ W/m.K

Product Density :24kg/m3

Reaction to Fire Class:
A1

Provides high sound insulation performance
Tested in authorized laboratories.

PRODUCT PROPERTIES

- Low thermal conductivity coefficient, resistant to heat transmission.
 $\lambda_D=0,035$ W/m.K
- Absorbs air-borne sounds
- Reaction to fire class; A1
- Minimum itchiness and minimum dust.
- 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.

Facade Slab 35 Ventilated Facade Insulation Slab

Technical Properties	Unit	Value
Thermal Conductivity Coefficient	W/m.K	0,035
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:

Facade Slab 35 is a specially designed insulation slab for ventilated facades and can be easily installed in the ventilated façade system. Facade Slab 35 water repellent and 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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