

May 2024



Facade Slab 31 MAX

Ventilated Facade
Insulation Slab FS



MAIN PROPERTIES

Density: 48kg/m³

Thermal Conductivity Coefficient:
 $\lambda_D=0,032$ 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.
 $\lambda_D=0,032$ 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.

PRODUCT INFO

Facade Slab 31 Max, has developed for providing maximum performance on Ventilated façade insulation applications. It has high thermal and sound insulation performance and ranked as A1 on reaction to fire classification according to EN 13501-1. It offers high rigidity and durability on façade applications which enables protecting its insulation performance during long years. Facade Slab 31 Max has minimum dusting behavior and easy application with its flexible structure; which provides 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. Facade Slab is the first and only insulation slab in Turkey, which has 'Eurofins Indoor Air Comfort Gold' certification and helps to the keeping ambient air more clean and healthy.

Thickness (mm)	Width (mm)	Length (mm)	Thermal Conductivity Coefficient λ_D (W/mK)	Thermal Resistance R (m ² k/W)
25	600	1200	0,032	0,78
50	600	1200	0,032	1,55
60	600	1200	0,032	2,00
80	600	1200	0,032	2,50
100	600	1200	0,032	3,15
120	600	1200	0,032	3,75

KNAUFINSULATION



with **ECOSE** TECHNOLOGY

Facade Slab 31 Max Ventilated Facade Insulation Slab

Technical Properties	Unit	Value
Thermal Conductivity Coefficient	W/m.K	0,032
Reaction to Fire Class	-	A1
Density	kg/m ³	48
Water Vapor Diffusion Resistance	-	1
Compressive Strength (at 10% deformation)	kPa	Not Needed
Certificate	-	CE
Package	-	PE film

Application:

Facade Slab 31 Max, is a specially designed insulation slab for ventilated facades and can be easily installed in the ventilated façade system. It has the property of water repellency and its special flexible fibers structure provides a continuous insulation by preventing thermal bridges on the surface. It offers maximum insulation performance with its unique properties.

Facade Slab 31 Max, helps reducing condensation levels by preventing air flow with special design alu-facing.

Packaging and Storage:

PE film covered and compressed MineralPlus packages contain different quantities of slabs depending of thickness. 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

**Knauf Insulation
Sanayi ve Ticaret A.Ş.**
75. Yıl Mahallesi
(Küçük Organize Sanayi)
1. Cad No: 1/G 26250
Eskişehir
Tel: + 90 222 228 28 00
Fax: + 90 222 228 28 04