



## Panel Alumisol

Industrial thermoacoustic ceilings



### Description

Rigid ISOVER glass wool panel, covered on its exposed side with a kraft and aluminium composite coating, adhered with polyethylene.

### Applications

- Thermal insulation in roofs of industrial warehouses, garages, livestock premises.
- Acoustic correction of industrial premises.
- Can be placed on industrial profiles.

### Advantages

- Panels are quick and easy to install.
- Use of adapted industrial profiles.
- Simple cleaning and maintenance, supports both dry cleaning and soapy water. The coating is not altered with usual cleaning products.
- Aesthetic solution for industrial thermo-acoustic ceilings.
- Sustainable product made with more than 50% recycled material. 100% recyclable material.
- Inert material that is not a suitable medium for the development of microorganisms.
- Maintains the performance of the system unchanged throughout the life of the building; they do not degrade over time.

### Certificates



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## CTE Technical properties

Symbol	Parameter	Units	Value	Norm
$\lambda_D$	Stated thermal conductivity	mW/m.K	0.034	EN 12667 EN 12939
$C_p$	Approximate specific heat	J/(Kg.K)	800	-
$AF_R$	Resistance to air flow	kPa.s/m <sup>2</sup>	> 5	EN 29053
-	Reaction to fire	Euroclase	B-s1,d0	EN 13501-1
Z	Water-vapour diffusion resistance of the kraft paper lining	m <sup>2</sup> .h.Pa/mg	100.00	EN 12086
MU	Resistance to water vapour diffusion factor, $\mu$	-	1	EN 12086
DS	Dimensional stability, $\Delta\epsilon$	%	< 1	EN 1604

Thickness d, mm	Stated thermal resistance $R_D$ , m <sup>2</sup> .K/W	Designation code
EN 823	EN 12667 EN 12939	EN 13162
50	1.45	MW-EN 13162-T5- DS(23,90)-AFr5

## Presentation

			m <sup>2</sup>	m <sup>2</sup>	m <sup>2</sup>
50	1.20				

## Installation guide

Additional information available at: [www.isover.es](http://www.isover.es)

