



Arena Absorción

Acoustic Ceilings

Description

Semi-rigid **ISOVER arena** Mineral Wool panel, covered on one side with a black glass veil.

Applications

Due to its excellent acoustic benefits, **Arena Absorción**, is the best option for:

- Acoustic absorption in perforated false ceilings, regardless of whether they are metallic, wooden or laminated plaster.
- Construction of baffles and acoustic screens.

CTE Technical Properties

Symbol	Parameter	Icon	Units	Value	Standard
λ_D	Declared thermal conductivity		W/m-K	0,032	EN 12667 EN 12939
C_p	Approximate specified heat		J/kg-K	800	-
AF_R	Air flow resistance		kPa-s/m²	> 5	EN 29053
—	Reaction to fire		Euroclass	A1	EN 13501-1
MU	Resistance to water-vapour diffusion, μ		-	1	EN 12086
DS	Dimensional stability, $\Delta\epsilon$		%	< 1	EN 1604

Thickness d, mm	Declared thermal resistance R_D , m²·K/W	Acoustic absorption coefficient, AW , α_w	Designation code
EN 823	EN 12667 EN 12939	EN ISO 354	EN 13162
15	0,45	0,30	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,30-AFr5
25	0,75	0,30	
40	1,25	0,70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5

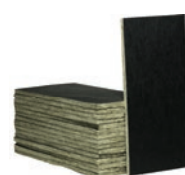
α Sabine* absorption coefficient						
Frequency (Hz)	125	250	500	1.000	2.000	4.000
Thickness 15 mm	0,40	0,70	0,70	0,90	0,90	0,90
Thickness 25 mm	0,40	0,70	0,65	0,85	0,90	0,95
Thickness 40 mm	0,50	0,75	0,75	1,00	1,00	1,00

* Tests with chamber or plenum, above perforated metallic ceiling tiles.

Acoustic Testing Institute. Reference.

AC3-D5-00-IX, AC3-D6-03-XI, AC3-D14-01-XVIII

Presentation



Thickness d (mm)	Length l (m)	Width b (m)	m²/package	m²/pallet	m²/truck
15	0,570	0,570	19,49	194,90	4.287
15	0,580	0,580	20,18	201,80	4.439
15	0,595	0,595	21,24	212,40	4.672
25	1,200	0,600	11,52	184,32	3.318
40	1,200	0,600	7,20	115,20	2.074

Advantages

- Excellent acoustic conditioning.
- Aesthetic veil for perforated false ceilings.
- Ideal for metallic ceiling tiles due to its panel dimensions.
- Passive protection measures against building fires.
- Sustainable product with a composition of more than 50% recycled material. 100% recyclable material.
- Inert material, inhospitable for micro-organisms.
- Maintains system performance throughout the useful life of the building, it does not degrade over time.



Certification



Installation Guide

Additional information available at: www.isover.es

