



# ARENA

## Partition walls

### Description

Semi-rigid panels and rolls of **arena** mineral wool ISOVER, non-hydrophilic, unfaced. Produced to achieve the highest thermal and acoustic properties in building.

### Application

Due to excellent thermal and acoustic properties, **arena** mineral wool products range of ISOVER is the best choice for:  
 · Partition walls, particularly drywall with metal stud.

### CTE Technical properties

Symbol	Parameter	Icon	Units	Value	Standard
$\lambda_D$	Stated thermal conductivity		W/m·K	0,036	EN 12667 EN 12939
$C_p$	Approximate specific heat		J/kg·K	800	—
$AF_R$	Airflow resistance		kPa·s/m²	> 5	EN 29053
	Reaction to fire		Euroclass	A1	EN 13501-1
WS	Short-term water absorption		kg/m²	< 1	EN 1609
MU	Steam diffusion resistance, $\mu$			1	EN 12086
DS	Dimensional stability, $\Delta\epsilon$		%	< 1	EN 1604

Thickness mm	Stated thermal resistance $R_D$ , $m^2\cdot K/W$	Acoustic absorption coefficient, $AW, \alpha_w$	Designation code
EN 823	EN 12667 EN 12939	EN ISO 354	EN 13162
30	0,80	0,60	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,60-AFr5
45	1,25	0,70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
50	1,35	0,70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
65	1,80	0,80	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,80-AFr5
90	2,50	0,90	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,90-AFr5

### Presentation



Thickness d (mm)	Length l (m)	Width b (m)	m²/pack	m²/pallet	m²/truck
Panels					
30	1,35	0,60	19,44	388,80	6.998
45	1,35	0,40	12,96	233,28	4.199
45	1,35	0,60	17,82	285,12	5.132
50	1,35	0,60	16,20	259,20	4.666
65	1,35	0,40	8,64	155,52	2.799
65	1,35	0,60	8,91	178,20	3.208
90	1,35	0,60	6,48	129,60	2.333



Thickness d (mm)	Length l (m)	Width b (m)	m²/pack	m²/pallet	m²/truck
Rolls					
45	13,50	0,40	16,20	324,00	5.832
45	13,50	0,60	16,20	324,00	5.832
50	12,20	0,60	14,64	292,80	5.270
65	9,50	0,40	11,40	228,00	4.104
65	9,50	0,60	11,40	228,00	4.104

### Advantages

- Pleasant to the touch. Does not produce dust.
- Excellent thermal and acoustic insulation thanks to the wide range of thicknesses available.
- Maintains its properties throughout the installation process. Fully stable material.
- Quick and easy to install.
- Inhospitable environment for microorganisms.
- Promotes savings and energy efficiency.



### Certificates



### Installation guide

For further information regarding storage, transport and installation, please consult:  
[www.isover.es/utilizacion](http://www.isover.es/utilizacion)



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