



arena APTA

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.

Applications

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.
- Thermal and acoustic insulation in façades using lining or chambers.
- Insulation of horizontal enclosures with no loads.

CTE Technical properties

Symbol	Parameter	Icon	Units	Value	Norm
λ_D	Stated thermal conductivity		W/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 ²	> 5	EN 29053
-	Reaction to fire		Euroclase	A1	EN 13501-1
WS	Water absorption		kg/m ²	< 1	EN 1609
MU	Resistance to water vapour diffusion factor, μ		-	1	EN 12086
DS	Dimensional stability, $\Delta\epsilon$		%	< 1	EN 1604

Thickness d, mm	Stated thermal resistance R_D , m ² .K/W	Acoustic absorption coefficient AW , α_w	Designation code
EN 823	EN 12667 EN 12939	EN ISO 354	EN 13162
30	0.85	0.60	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,60-AFr5
48	1.40	0.70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
55	1.60		
65	1.90	0.80	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,80-AFr5
90	2.60	1.00	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW1-AFr5

Presentation



	Thickness d (mm)	Length l (m)	Width b (m)	m ² /pack	m ² /pallet	m ² /truck
Panel	30	1.35	0.60	17.82	356.40	6415
	48	1.35	0.40	10.80	194.40	3499
	48	1.35	0.60	11.34	226.80	4082
	55	1.35	0.40	9.72	174.96	3149
	55	1.35	0.60	9.72	194.40	3499
	65	1.35	0.40	8.64	155.52	2799
Roll	65	1.35	0.60	8.10	162.00	2916
	90	1.35	0.60	6.48	129.60	2333
	48	12.00	0.40	14.40	288.00	5184
	48	12.00	0.60	14.40	288.00	5184
	65	9.00	0.40	10.80	216.00	3888
	65	9.00	0.60	10.80	216.00	3888

Advantages

- Optimum thermal and acoustic insulation of both vertical and horizontal interior partitions.
- Suitable for new and renovation works. Specifically developed to be applied in laminated plasterboard solutions with profiling.
- The ISOVER **arena** technology allows the product to have a pleasant touch for the applicator.
- Different modulations of width, 400 mm and 600 mm.
- 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.



Certificates



Installation guide

Additional information available at: www.isover.es