



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.

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



CTE Technical properties

Symbol	Parameter	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
48	1.40	0.70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
48	1.40	0.70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
48	1.40	0.70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
55	1.60	0.70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
55	1.60	0.70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
65	1.90	0.80	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,80-AFr5
65	1.90	0.80	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,80-AFr5
65	1.90	0.80	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,80-AFr5
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
Panel	48	1.35	0.40	10.80	194.40	3499
Panel	48	1.35	0.60	11.34	272.16	4899
Panel	55	1.35	0.40	9.72	174.96	3149
Panel	55	1.35	0.60	9.72	194.40	3499
Panel	65	1.35	0.40	8.64	155.52	2799
Panel	65	1.35	0.60	8.10	194.00	3499
Panel	90	1.35	0.60	6.48	155.52	2799
Roll	48	12.00	0.40	14.40	288.00	5184
Roll	48	12.00	0.60	14.40	288.00	5184
Roll	65	9.00	0.40	10.80	216.00	3888
Roll	65	9.00	0.60	10.80	216.00	3888