



Geowall 37

Partition walls



Description

Non-absorbent unlined ISOVER mineral wool panel.

Applications

Due to its excellent thermal and acoustic benefits, the **Geowall** by ISOVER is the best option for:

- Partition walls, particularly drywall with metal stud.
- Thermal and acoustic insulation in façades using lining or chambers.

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.
- 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.
- Suitable for Ecosec Façade System according to Technical Approval Certificate nº 489R/13.



Certificates



CTE Technical properties

Symbol	Parameter	Units	Value	Norm
λ_D	Stated thermal conductivity	W/m.K	0.037	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
40	1.05	0.70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
40	1.05	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
50	1.35	0.70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
60	1.60	0.80	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,80-AFr5
60	1.60	0.80	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,80-AFr5
80	2.15	0.90	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,90-AFr5
100	2.70	1.00	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW1-AFr5
120	3.20	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	40	1.35	0.40	6.48	116.64	2100
Panel	40	1.35	0.60	9.72	116.64	2100
Panel	50	1.35	0.40	4.86	87.48	1575
Panel	50	1.35	0.60	7.29	87.48	1575
Panel	60	1.35	0.40	4.32	77.76	1400
Panel	60	1.35	0.60	6.48	77.76	1400
Panel	80	1.35	0.60	4.86	58.32	1050
Panel	100	1.35	0.60	4.05	48.60	875
Panel	120	1.35	0.60	3.24	38.88	700

Installation guide

Additional information available at: www.isover.es

