



Geowall 35

Partition walls

GEO WALL
Lana Mineral ISOVER

Descripción

Non-absorbent unlined ISOVER mineral wool panel.

Aplicaciones

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.

Technical properties

Symbol	Parameter	Icon	Units	Value	Regulation
λ_D	Stated thermal conductivity		W/m·K	0,035	EN 12667 EN 12939
C_p	Approximate specific heat		J/kg·K	800	-
AF_R	Resistance to air flow		kPa·s/m ²	> 5	EN29053
—	Reaction to fire		Euroclass	A1	EN 13501-1
WS	Water absorption		kg/m ²	< 1	EN 1609
MU	Water vapour diffusion resistance, 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, A_W , α_w	Designation code
EN 823	EN 12667 EN 12939	EN ISO 354	EN 13162
40	1,10	0,70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,70-AFr5
50	1,40	0,70	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,80-AFr5
60	1,70	0,80	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,90-AFr5
75	2,10	0,80	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,90-AFr5
80	2,25	0,90	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW1-AFr5
100	2,85	1,00	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW1-AFr5
120	3,40	1,00	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW1-AFr5
140	4,00	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 /package	m ² /pallet	m ² /truck
40	1,35	0,40	8,10	97,20	1.750
40	1,35	0,60	12,15	97,20	1.750
50	1,35	0,40	6,48	77,46	1.400
50	1,35	0,60	9,72	77,46	1.400
60	1,35	0,40	5,40	64,80	1.166
60	1,35	0,60	8,10	64,80	1.166
75	1,35	0,60	6,48	51,84	933
80	1,35	0,60	6,48	51,84	933
100	1,35	0,60	4,86	38,88	700
120	1,35	0,60	4,05	32,40	583
140	1,35	0,60	3,24	25,92	467

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



Installation guide

For further information: www.isover.es



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