



Ecovent® 034

Ventilated Facades



Description

Panel or roll of mineral wool, non-hydrophilic, coated on one side with a black glass fabric with high mechanical resistance.

Applications

Thanks to its optimum thermal, acoustic and fire performance features, the **Ecovent**® range from ISOVER is the best option for ventilated façades both in new buildings and refurbishment works.

- Ventilated façade systems using lightweight materials, made of stone or metal.
- Double ceramic layer ventilated façade systems.
- Placotherm® V ventilated façade system.

Advantages

- Offers optimum thermal and acoustic insulation of the envelope.
- Simple installation thanks to the Ecovent® DH fixings.
- Roll format which improves installation in large projects.
- Panel format facilitates installation in projects with a large number of holes.
- Excellent break and tear resistance thanks to the glass fibre fabric coating.
- Passive protection measure against fires in the building.
- Sustainable product with the composition of recycled material exceeding 50%. 100% recyclable material.
- Inert material which is not a suitable medium for the development of micro-organisms.
- The performance of the system remains unchanged throughout the use life of the building, it does not deteriorate 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
-	Water penetration resistance	-	WS	EN 13984
-	Reaction to fire	Euroclase	A1	EN 13501-1
T	Thickness tolerance	-	T3	EN 13162
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 coef- ficient AW, α_w	Designation code
EN 823	EN 12667 EN 12939	EN ISO 354	EN 13162
50	1.45	0.70	MW-EN 13162-T3- DS(70,90)-WS- MU1-AW0,70-AFr5
60	1.75	0.80	MW-EN 13162-T3- DS(70,90)-WS- MU1-AW0,80-AFr5
60	1.75	0.80	MW-EN 13162-T3- DS(70,90)-WS- MU1-AW0,80-AFr5
80	2.35	0.90	MW-EN 13162-T3- DS(70,90)-WS- MU1-AW0,90-AFr5
80	2.35	0.90	MW-EN 13162-T3- DS(70,90)-WS- MU1-AW0,90-AFr5
100	2.90	1.00	MW-EN 13162-T3- DS(70,90)-WS- MU1-AW1-AFr5
100	2.90	1.00	MW-EN 13162-T3- DS(70,90)-WS- MU1-AW1-AFr5
120	3.50	1.00	MW-EN 13162-T3- DS(70,90)-WS- MU1-AW1-AFr5
120	3.50	1.00	MW-EN 13162-T3- DS(70,90)-WS- MU1-AW1-AFr5

Presentation



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Thick- ness d (mm)	Length l (m)	Width b (m)	m ² /pack	m ² /pallet	m ² /truck
60	1.35	0.60	7.29	145.80	2624
80	1.35	0.60	5.67	113.40	2041
100	1.35	0.60	4.86	97.20	1750
120	1.35	0.60	4.05	81.00	1458
50	10.00	1.20	12.00	240.00	4320
60	8.20	1.20	9.84	196.80	3542
80	6.20	1.20	7.44	148.80	2678
100	5.00	1.20	6.00	120.00	2160
120	4.10	1.20	4.92	98.40	1771

Installation guide

Additional information available at: www.isover.es

