



Ecovent VN 035

Ventilated Facades



Description

Semi-rigid ISOVER **arena**, mineral wool panel, covered on one side with a black glass veil.

Applications

Due to its thermal and acoustic properties, **Ecovent VN** by Isover is the number 1 choice in ventilated facade systems on both new and renovated buildings:

- Ventilated facade systems for light stone or metal applications.
- Ventilated facade systems feature double ceramic sheet.
- Saint-Gobain Placotherm® V ventilated facade system.
- Ventilated facade systems with metal and prefabricated trays.



Advantages

- Offers the surround optimum thermal and acoustic insulation.
- Passive fire protection for the building.
- Sustainable product - manufactured from over 50% recycled material 100% recyclable.
- Inert material ensures an inhospitable environment for micro-organisms.
- Maintains unaltered system performance throughout the useful life of the building, with no drop-off over time.

Certificates



CTE Technical properties

Symbol	Parameter	Units	Value	Norm
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	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	-	1	EN 12086
DS	Dimensional stability, $\Delta\epsilon$	%	<1	EN 1604

¹ Mineral wool + Veil

Thickness d, mm	Stated thermal resistance R_D , m ² .K/W	Acoustic absorption co- efficient AW, 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(70,90)-WS-MU1-AW0,70-AFr5
50	1.40	0.70	MW-EN 13162-T3-DS(70,90)-WS-MU1-AW0,70-AFr5
60	1.70	0.80	MW-EN 13162-T3-DS(70,90)-WS-MU1-AW0,80-AFr5
80	2.25	0.90	MW-EN 13162-T3-DS(70,90)-WS-MU1-AW0,90-AFr5
100	2.85	1.00	MW-EN 13162-T3-DS(70,90)-WS-MU1-AW1-AFr5
120	3.40	1.00	MW-EN 13162-T3-DS(70,90)-WS-MU1-AW1-AFr5
140	4.00	1.00	MW-EN 13162-T3-DS(70,90)-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	0.60	14.58	233.28	4199
Panel	50	1.35	0.60	12.96	207.36	3732
Panel	60	1.35	0.60	11.34	181.44	3266
Panel	80	1.35	0.60	9.72	116.64	2100
Panel	100	1.35	0.60	4.86	97.20	1750
Panel	120	1.35	0.60	4.05	81.00	1458
Panel	140	1.35	0.60	3.24	77.76	1400

Installation guide

Additional information available at: www.isover.es



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