Eco D 035

Ecosec Facade System

Description

Applications

Ecosec Facade System. ISOVER thermoacoustic insulation solution which helps in waterproofing, for traditional double-leaf ceramic facade and laminated plasterboard. It has a technical suitability document which guarantees a favourable result.

Advantages

- **Ecosec Facade System** products offer the widest range of thermal resistances on the market.
- Especially recommended for new constructions.
- It comprehensively resolves the thermal and acoustic insulation, fire protection and waterproofing of the facade in a single step. • Adaptability of glass wool to joins with windows, pillars, etc., without deterioration of the product or its continuity.
- Sustainable product made with more than 50% recycled material. 100% recyclable material.
- Inert material that is not a suitable medium for the development of microorganisms.
- Maintains the performance of the system unchanged throughout the life of the building; they do not degrade over time.

Certificates

Eco D 035

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/m²	>5	EN 29053
-	Reaction to fire	Euroclase	A1	EN 13501-1
WS	Water absorption	kg/m²	< 1	EN 1609
MU	Resistance to water vapour diffusion factor, μ	-	1	EN 12086
α_w	Acoustic absorption coefficient	Clase C	1.00	EN ISO 354 EN ISO 11654
DS	Dimensional stability, Δε	%	<1	EN 1604

Thickness d, mm EN 823	Stated thermal resistance R_D, m².K/W EN 12667 EN 12939	Acoustic absorption coefficient AW, α_w EN ISO 354	Designation code 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-AW0,70-AFr5
60	1.70	0.80	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,80-AFr5
80	2.25	0.90	MW-EN 13162-T3-DS(23,90)-WS-MU1-AW0,90-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

Presentation

				m²	m²	m²
	40	1.35				

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			m²	m²	m²
50	1.35				
60	1.35				
80	1.35				
100	1.35				
120	1.35				

Installation guide

Remember that you can find information about how to handle, use and unload our products on our website. Additional information available at: www.isover.es

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