



Sistema Insuver

The solution for renovation of walls



Description

Insuver are flakes of mineral wool. It is compressed in bags and mechanically blown with specific machines.

Applications

Excellent thermal and acoustic insulation for masonry cavity walls. The insulation is made through holes pattern from inside or outside the building. The aesthetic of the wall keeps intact.

- New and renovation.
- Residential and non-residential use.
- Cavities at least 4 cm thickness.

Advantages

- Improve the thermal insulation of the building.
- Improve the energetic efficiency of the house and the economic savings in heating and cooling.
- Acoustic performance.
- The insulation barrier doesn't decrease over time.
- Sustainable product, with more than 50% of recycled material on its batch. 100% recyclable material.
- Inert material, which not is proper to develop microorganism over it.
- Maintain all performances of the system during lifetime of the building, not decreasing over time.
- Easy, fast and economic to install.
- Suitable for install from inside or outside of the house.
- Machine is directly connected to electrical net of the house.
- Machine doesn't make more noise than domestic vacuum machine.
- Not invasive solution.



Certificates



Sistema Insuver

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	EN 12086
-	Settlement	-	S1	EN 14064-1
-	Recommended application density	kg/m ³	50	EN 1602

Thick- ness mm	Stated thermal resistance R_D , m ² .K/W	Average amount needed (bags for 100m ²)	Designa- tion code
-	EN 12667	EN 14064-1	EN 14064-1
40	1.10	11.4	MW-EN
50	1.40	14.3	MW-EN
60	1.70	17.1	MW-EN
70	2.00	20	MW-EN
80	2.20	22.9	MW-EN
90	2.50	25.7	MW-EN
100	2.80	28.6	MW-EN
110	3.10	31.4	MW-EN
120	3.40	34.3	MW-EN
140	4.00	40	MW-EN

Presentation

Kg/bag	Kg/pallet	Kg/truck
17.50	175.00	9100
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Installation guide

Additional information available at: www.isover.es

