



TF Profi



Description

High-density ISOVER stone wool rigid panel, non-hydrophilic, without coating, for SATE systems.

Applications

Rigid insulation panel developed for installing insulation for external thermal and acoustic systems on facades (SATE) belonging to the ECOSATE® system.

Advantages

- Optimal thermal insulation for SATE systems.
- Ideal for newbuilds and restorations.
- Notable improvement of soundproofing in the home.
- Passive protection measure against building fires.
- Contributes to the flatness of the façade during installation.
- Excellent resistance to impacts for the complete system.
- Sustainable product. 100% recyclable materials.
- Inert material which does not provide a suitable medium for the development of micro-organisms.
- Maintains the performance of the system intact during the whole useful life of the building, it will not degrade 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	>19	EN 29053
-	Reaction to fire	Euroclase	A1	EN 13501-1
WS	Water absorption	kg/m ²	< 1	EN 1609
WL(P)	Long term water absorption	kg/m ²	<3	EN 12087
SD	Dynamic stiffness	MN/m ³	10	EN 29052-1
CS	Compression resistance at 10% deformation, σ_{10}	kPa	30.0	EN 826
TR	Tensile strength perpendicular to faces, σ_{mt}	kPa	10.0	EN 1607
DS	Dimensional stability, $\Delta\epsilon$	%	<1	EN 1604

Thick- ness d, mm EN 823	Stated thermal resist- ance R_D , m ² .K/W EN 12667 EN 12939	Designation code EN 13162
30	0.85	MW-EN 13162-T5- DS(70/90)- CS(10)30-TR10-WS- WL(P)-MU1
40	1.10	MW-EN 13162-T5- DS(70/90)- CS(10)30-TR10-WS- WL(P)-MU1
60	1.70	MW-EN 13162-T5- DS(70/90)- CS(10)30-TR10-WS- WL(P)-MU1
80	2.25	MW-EN 13162-T5- DS(70/90)- CS(10)30-TR10-WS- WL(P)-MU1
100	2.85	MW-EN 13162-T5- DS(70/90)- CS(10)30-TR10-WS- WL(P)-MU1
120	3.40	MW-EN 13162-T5- DS(70/90)- CS(10)30-TR10-WS- WL(P)-MU1
140	4.00	MW-EN 13162-T5- DS(70/90)- CS(10)30-TR10-WS- WL(P)-MU1

Presentation



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Thick- ness d (mm)	Length l (m)	Width b (m)	m ² /pack	m ² /pallet	m ² /truck
30	1.00	0.60	4.80	105.60	2746
40	1.00	0.60	2.40	80.40	2122
60	1.00	0.60	1.80	54.00	1404
80	1.00	0.60	1.80	39.60	1030
100	1.00	0.60	1.20	31.20	973
120	1.00	0.60	1.20	26.40	823
140	1.00	0.60	1.20	21.60	674

Installation guide

Additional information available at: www.isover.es

