



TECH Slab 3.0 G1 (PANEL NETO)

Acoustic Absorption for Industrial Machinery and Equipment.

Compact glass wool panel which on one side features a black glass-fibre fabric that offers great resistance to abrasion and piercing. Excellent acoustic absorption and mechanical handling for: • Shielding of engines • Compressors • Compresores • Engine room • Industrial silencers.

Technical properties

Symbol	Parameter	Icon	Units	Value	Standard	
WS	Short-term water absorption		kg/m ²	< 1	EN 1609	
MU	Water vapour diffusion, μ		—	1	EN 14303	
—	Reaction to fire		Euroclasses	A2-s1, d0	EN 13501-1	
DS	Dimensional stability		%	< 1	EN 1604	
ST(+)	Usage temperature limit	—	°C	-30 a +290	EN 14706	
λ	Thermal conductivity					
	Temp.* (°C)	50	100	150	200	300
	λ (W/m·K)	0,038	0,047	0,058	0,070	0,102
—	Durability characteristics					
The reaction to fire behaviour and thermal resistance of this product will not vary with time nor if subjected to the maximum specified temperature.						

*Average insulation temperature. According to the EN 12667 Standard.

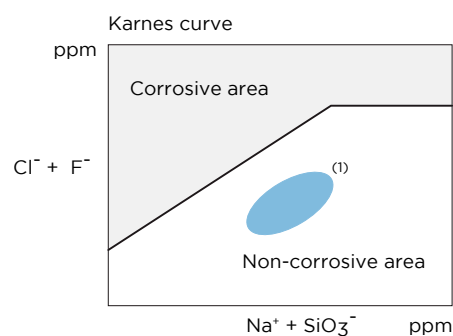
Presentation

Thickness d (mm)	Length l (m)	Width b (m)	m ² /pack	m ² /pallet	m ² /truck
30	1,35 ⁽¹⁾	0,60 ⁽¹⁾	11,34	181,44	3.266
40			8,10	129,60	2.333
50			6,48	103,68	1.866

⁽¹⁾ Other dimensions on request.

Corrosiveness of steel

Non-corrosive Based on ASTM C-795 and C-871.



Chemical analysis of the ions based on ASTM C-795 and C-871 standards show that ISOVER stonewool products do not cause corrosion to the steel as the relationship between F⁻ + Cl⁻ ions with respect to the Na⁺ + SiO₃⁻ at the lower part of the Karnes Curve.

⁽¹⁾ Position of the ISOVER mineral wools

Acoustic Absorption

α Sabine absorption coefficient							
Frequency	125	250	500	1000	2000	4000	
Thickness (mm)	30	0,15	0,35	0,65	0,80	0,80	0,85
	40	0,15	0,50	0,75	0,85	0,85	0,90
	50	0,20	0,55	0,80	0,85	0,85	0,90

Designation code

MW-EN 14303-T4-ST(+)+300-WS1.

Certificates



Installation guide

Further information available at: www.isover.es