



# TECH Wired Mat MT 6.1

## Stonewool wired mat

Stonewool wired mat which on one side features a galvanised steel woven mesh and thread. Stainless steel woven mesh and thread available on request. Thermal and acoustic insulation for the industry. Heat insulation for large diameter pipes, tanks, furnaces, chimneys, boilers and other industrial equipment.

### Technical properties

Symbol	Parameter	Icon	Units	Value	Standard				
WS	Short-term water absorption		kg/m <sup>2</sup>	< 1	EN 1609				
MU	Steam diffusion resistance, $\mu$		—	1	EN 14303				
—	Reaction to fire		Euroclass	A1	EN 13501-1				
DS	Dimensional stability		%	< 1	EN 1604				
ST(+)	Usage temperature limit	—	°C	680	EN 14706				
$\lambda$	Thermal conductivity								
	Temp.* (°C)	50	100	150	200	300	400	500	600
—	Durability	This product's reaction to fire and its thermal resistance does not vary over time nor when it is subjected to the stated maximum temperature.							

\*Average insulation temperature. Based on EN 12667 Standard.

### Presentación

Thickness d (mm)	Length l (m)	Width b (m)	m <sup>2</sup> /pack	m <sup>2</sup> /pallet	m <sup>2</sup> /truck
40	5,00	1,00	5,00	75,00	1.950
50	4,00	1,00	4,00	60,00	1.560
60	3,50	1,00	3,50	52,50	1.365
70	3,00	1,00	3,00	45,00	1.170

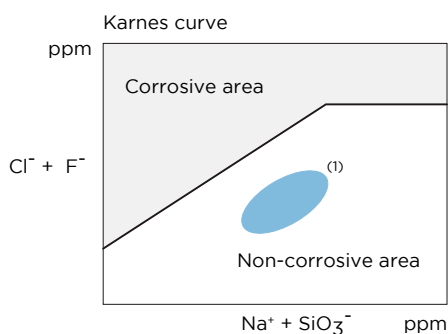
### Complementary information

• ASTM certification  
Certification confirming compliance with ASTM standards as issued by BUREAU VERITAS. For further information:



### Steel corrosion

Non-corrosive. Based on ASTM C-795 & 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 FI + Cl<sup>-</sup> ions with respect to the Na<sup>+</sup> + SiO<sub>3</sub><sup>-</sup> at the lower part of the Karnes Curve.

### Designation code

MW EN 14303-T2-ST(+)-660-WS1. Based on EN 14303 Standard.

### Certificates



### Installation guide

For further information: [www.isover.es](http://www.isover.es)