



# Manta 129

Stone wool blanket faced on one side with a reinforced aluminium sheet. Maximum temperature 250°C.

## Application

Thermal and acoustic insulation of ventilation ducts and air conditioning pipes, air conditioning equipment, pipes and boilers.

## Technical Properties

Property	Description				Standard
Nominal density (kg/m <sup>3</sup> )	70				EN 1602
Dimensions (cm)	600 x 120 x 4 / 500 x 120 x 5 / 400 x 120 x 6				
Thermal conductivity (W/m·K)	Temperature (°C)	Thermal conductivity	Temperature (°C)	Thermal conductivity	EN 12667
	10	0.033	158	0.078	
	80	0.051	235	0.112	
Fire reaction /Euroclass	A1				EN 13501.1
Thickness tolerance (mm)	T1				EN 823
Maximum service temperature	ST(+) <sup>250</sup>		(250°C)		EN 14706
Short term water absorption (kg/m <sup>2</sup> )	WS		(< 1,0 kg/m <sup>2</sup> )		EN 1609
Emission rate of corrosive substances	Traces of water soluble ions CL			CL60	EN 13468
	Traces of water soluble ions F			F22	
	Traces of water soluble ions SiO <sub>3</sub>			SI304	
	Traces of water soluble ions Na			NA38	
	PH value			9,5	

## Advantages

- Excellent thermal and acoustic insulation properties and fire protection.
- Easy to install, perfect adaptation to the installations.
- Low soluble chlorine content.
- Neither-hydrophilic nor hygroscopic.
- Chemically inert and free of CFC and HCFC, respectful with the environment.
- Has an Environmental Product Declaration.

