

Features

- Exceptional Thermal Insulating Performance
- Free of Binder & Lubricant
- Immune to Thermal Shock
- Low Heat Storage
- Good Tear-Resistance
- Flexible & Resilient
- Good Sound Absorption
- Classification Temp of 1,200°C

RS PRO Flame-Retardant Budget Calcium-Magnesium Silicate Thermal Insulation 64kg/m³ 3600mm x 610mm x 25mm

RS Stock No.: 0652799



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This high-temperature Blanket is made of long fibres. It exhibits outstanding insulating properties at elevated temperatures. The Blanket has an excellent thermal stability and retains its original soft fibrous structure up to maximum continuous use temperature. Blanket contains neither binder nor lubricant and does not emit any fume or smell during the first firing. It is flexible, easy to cut and shape and easy to install.

*Blanket made from high-temperature insulation wool.
CAS number: 329211-92-9*

General Specifications

Colour	White
Classification Temperature	1,200 °C
Continuous Use Temperature	1,000 °C
Density	64kg/m ³
Tensile Strength	30 kPa
Permanent Linear Shrinkage, after 24 hours @ 1,200 °C	1%

Thermal Conductivity

Operating Temperature	Thermal Conductivity (W/mK)
@200 °C	0.06
@400 °C	0.11
@600 °C	0.18
@800 °C	0.29
@1,000 °C	0.42

Chemical Composition

Silica, SiO ₂	62 – 68%
Calcium Oxide, CaO	26 – 32%
Magnesium Oxide, MgO	3 – 7%
Others	<1%

Approvals

Declarations	MFR Declaration of Conformity
CAS number	329211-92-9
GHS	No requirement

Similar Products

Stock No.	Brand	Product Name	Density	Size	Thickness
137-2238	RS PRO	Calcium-Magnesium Silicate Thermal Insulation	160kg/m ³	3600 x 610mm	13mm
137-2239	RS PRO	Calcium-Magnesium Silicate Thermal Insulation	160kg/m ³	2400 x 610mm	25mm
724-8903	RS PRO	Calcium-Magnesium Silicate Thermal Insulation	128kg/m ³	5000 x 610mm	6mm
724-8912	RS PRO	Calcium-Magnesium Silicate Thermal Insulation	128kg/m ³	4750 x 610mm	13mm
724-8915	RS PRO	Calcium-Magnesium Silicate Thermal Insulation	128kg/m ³	3600 x 610mm	25mm
840-5526	RS PRO	Calcium-Magnesium Silicate Thermal Insulation	128kg/m ³	2400 x 610mm	38mm
840-5529	RS PRO	Calcium-Magnesium Silicate Thermal Insulation	128kg/m ³	1800 x 610mm	50mm
0652799	RS PRO	Calcium-Magnesium Silicate Thermal Insulation	160kg/m ³	1600 x 610mm	38mm
0652800	RS PRO	BUDGET Calcium-Magnesium Silicate Thermal Insulation	64kg/m ³	3600 x 610mm	25mm