

A Division of Morganite Australia Pty Ltd ACN 000 037 776



Superwool 607 Blanket is made from high temperature insulation glass fibres and has a classification temperature of 1100°C.

Superwool 607 Blanket is made from long Superwool Fibres. It is needled from both sides and does not contain any lubricant or binder. It has an excellent tensile strength prior to and after heating and does not emit any fume or smell. The thermal stability of Superwool fibres (Grade 607) the excellent strength and flexibility prior to and after heating make Superwool fibres (Grade 607) ideal for a wide variety of industrial and building applications.

Рн	IYSICAL PROPERT	IES	THERMAL PROPERTIES		
Maximum temperature rating (°C)		1100	0.40 Therma	I Conductivity	
Colour Specific Heat @ 540°C (kcal/kg°C) Permanent Linear Shrinkage (%) Heating for 24 hrs @ 800°C Heating for 24 hrs @ 900°C		White 1.05 0.5 1.5	0.35 0.30 0.25 0.20		
Heating for 24 hrs @ 1100°C Tensile Strength (kPa) @ 64 kg/m ³ density @ 96 kg/m ³ density		2.5 24 44 58	 ✓ 0.15 0.10 0.05 0.00 		
@ 160 kg/m ³ density		73	0 200 400 600 800 1000 1200 Mean Temperature (°C)		
A	COUSTIC PROPERTIE	S	Chemical Properties		
	Sound Absorption Coefficient		CHEMICAL ANALYSIS %		
Frequency 125 250 500 1000 2000 4000	25mm / 96 kg/m ³ 0.07 0.29 0.73 0.92 0.96 0.99	25mm / 128 kg/m ³ 0.09 0.54 0.86 0.94 0.94 0.96	SiO ₂ Al ₂ O ₃ CaO + MgO	60 - 70 < 0.8 25 - 40	
Noise Reduction Coefficient	0.72	0.82			

This data is intended as a guide only. For specification and estimating purposes, contact your nearest Thermal Ceramics representative. ISO Test Methods 10635 are used where applicable. Refer to the Material Safety Data Sheet (MSDS) for recommended work practices and other product safety information.

MATERIAL PACKAGING

Dimensions of Rolls:	7.3 x 0.61m (standard)
	7.3 x 1.22m (on request)

Other sizes available on special request.

	Superwool Blanket					
Thick (mm) 6	64 kg/m³	96 kg/m³	128 kg/m³ X	160 kg/m³		
10			Х			
13		Х	Х	Х		
19	Х	Х	Х	Х		
25	Х	Х	Х	Х		
38	Х	Х	Х	Х		
50	Х	Х	Х			

TYPICAL APPLICATIONS

- General use for Maintenance of Equipment in Fire Industry
- Re-useable Insulation Blankets for Field Stress relieving of Welds.
- Removable Insulating Blankets for Steam and Gas Turbines
- Insulation Wrap on Investment Casting Moulds
- Flexible High Temperature Pipe Insulation
- Fire Protection
- Insulation of Electrical Appliances, Boilers, Fireplaces etc.
- Furnace Linings

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