

* Improved Surface and Chemical Resistance Including Acid and Alkali.

- * Thickness Diversity: 8mm-25mm Reduces Material & Labor Costs.
- * Non-Combustible, Fire Resistant, and Non-Corrosive

* Enhanced Mechanical Properties, and Dielectric Strength

Physical Properties

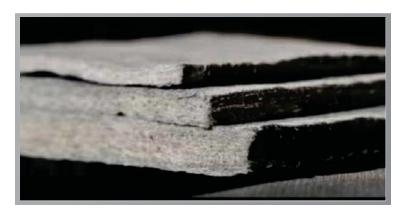
Color	Grey
Density	144 to 192 kg/m ³ (9 to 12 lb/ft ³)
Thicknesses	8 mm (0.3 in), 16 mm (0.63 in), 20 mm (0.78 in), 25mm (1.in)
Mat Composition	100% Select Grade "ECR" Glass
Hydrophobic	Continuous CUI Mitigation Properties
Width	8 mm thick: 5 cm (2 in) to 182 cm (72 in) 16, 20, & 25 mm: 70 cm (30 in) to 182 cm (72 in)

Material Performance Data*

Test Method	Performance	Value		
ASTM C356	Linear Shrinkage Under Soaking Heat	<2% @ 649°C		
ASTM C795	Corrosiveness over Austenitic SS	Passed		
ASTM C1101	Classifying Flexibility	Resilient Flexibility		
ASTM C1104	Water Vapor Sorption	<1% (by wt)		
ASTM C1338	Fungi Resistance	Passed		
ASTM C1763	Water Absorption by Immersion	Procedure B, <5%		
ASTM C1511	Liquid Water Retention Post-submersion, after heat aging per test method	<5%		
ASTM E84	Surface Burning Characteristics	FSI=0; SDI=0		

^{*} Third-party test reports available upon request

Blanket Thickness (mm)	Roll Length Meter (ft)			
8	~38.1 (125)			
16	~22.8 (75)			
20	~18.3 (60)			
25	~13.7 (45)			



Thermal Performance per ASTM C177*

Temperature (°C)		100	200	300	400	500	600
Thermal Conductivity (mW/mK)		43.4	55.7	71.2	85.2	102.5	133.4
Temperature (°F)	32	212	392	572	750	932	1112
Thermal Conductivity (Btu· in/hr·ft ² ·°F)		0.30	0.39	0.49	0.59	0.71	0.93

^{*} Third-party test reports available upon request

This information is given in good faith and is believed to be accurate. No expressed or implied warranty of any kind, including those of merchantability or fitness for a particular purpose, is made as to the performance of an installation. Super Insulation, LLC does not take any responsibility for the misuse of these products and recommends testing before use.



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