

STONEWOOL

Super Thermal & Acoustic Insulation

COMPANY INFORMATION

We are the leading rock wool manufacturer in China with FM, CE, TUV, CCS ISO9001 certificates. There is a professional and national standard laboratory in our factory to keep our products with good quality. Total 9 production lines can produce more than 20,000 tons per month.

We are committed to provide the Earth with a better and greener tomorrow by putting a stop to climate change

PRODUCT INFORMATION

STONEWOOL is made of inorganic fibers derived from basalt, a volcanic rock. Advanced manufacturing technology ensures consistent product quality, with high fiber density and low shot content for excellent performance in high-temperature and fire resistance applications.





PRODUCT APPLICATION

STONEWOOL Super Thermal Board is used in a wide range of settings that harness its remarkable thermal, acoustic and fire protection properties. It insulates new and existing buildings - be it for residential, commercial or public use. A wide variety of rock wool applications have been developed to the specific needs of industry.

FACINGS

STONEWOOL Super Thermal Board products are available in plain, aluminum foil facings and one-sided or two-sided fiber glass tissue or cloth facings.

PACKAGING AND STORAGE

STONEWOOL Super Thermal Board is packed in polyethylene shrink film for ease of handling transportation, storage and identification.

Products should be stored indoors or under a waterproof covering

DIMENSIONS

ITEMS	DESCRIPTION	
Density (kg/m ³)	40 - 220	
Thickness (mm)	50	
Width (mm)	600	1200
Length (mm)	1200	2400

Note: Please contact our Sales Engineers for custom-made and other available sizes.



ITEMS	TESTING STANDARD/METHOD	REQUIRED
Density	GB/T5480 / ASTM C303	40 - 220
Thermal conductivity (at 25°)	GB/T10294 / ASTM C518	≤ 0.04 (W/mK)
Fibre diameter	GB/T5480	≤ 6µm
Max. use temperature	GB/T17430 / ASTM C411	650° C
Shot content (particle size>0.25mm)	GB/T5480 / ASTM C612	≤ 7.0%
Corrosiveness	GB/T11835 - 2007	Non-Corrosive
Moisture resistance rate	GB/T10299 / ASTM E96	≥ 98.0%
Fire Classification	GB8624 - 2012 / EN ISO 13501 - 1	A1
Fungi Resistance	ASTM C665	Does not encourage Fungi Growth

Disclaimer: All information in this data sheet is believed to be correct at the time of publication. Stonewool will not be held liable for the consequences of using Stonewool Super Thermal Board in applications different from those described above.



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