

Insulation glass wool blanket is consisted of long, resilient fibers bonded together with a thermosetting resin to form a lightweight, flexible glass wool blanket. The blankets can be supplied with a factory applied foil vapor barrier (FSK, Vinyl, Foil, WMP, and Kraft Facing) accordingly to project designs or customer's requirement.

## AVAILABLE FORMS

Flexible Blanket and Roll

## AVAILABLE SIZE

Product Code	Density (kg/m <sup>3</sup> )	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	R-Value (m <sup>2</sup> ·K/W)	Packing (pcs/PKG)	PKG/40'HQ (No#)
MBI 12200	16	200	1200	0.039	5.00	1	Loading Qty, Please consult

Conductivity Value tested under temperature in 23°C

Consult for other available sizes and specification.

## PHYSICAL PROPERTIES OF UET MBI 1650

Tested Content	Tested Method	Tested Value
Density	ASTM C612	16kgs/m <sup>3</sup>
Thickness	GB/T 17795-2008	200mm
Average diameter of fibers	GB/T 17795-2008	6.8µm
Coefficient of Heat Conductivity	EN12667	0.038W/m·K
Thermal Resistance	ASTM C653	1.30m <sup>2</sup> ·K/W
Average NRC	EN ISO 354	1.00
Maximum Service Temperature	ASTM C411	170°C
Corrosion Resistance	ASTM C665	NO Chemical Reaction
Mold Resistance	ASTM C665	Mildew proof
Moisture Absorption	ASTM C1104	Less 3% by weight
Humidity veneration Rate	ASTM E96	Max 0.013g/24Hours·m <sup>2</sup>
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

## PACKAGING

Glass wool roll is packed by vaccumed packing. Inner packing is PVC bag, Outside packing is woven fabric bag. It will save transportation cost and save storage space.

## STORAGE AND TRANSPORT

Store insulation indoors. Store product under cover and in dry conditions. Handle with care, Products will be damaged if subject to sharp or heavy impact.



## QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001: 2008, ISO 14001:2004

GB/T17795-2008, EN ISO 354, EN12667, ASTM C653, ASTM C665

With CE Certificate according to standard EN 13162:2008

## FIRE PERFORMANCE

Classified as Euroclass A1 to STN EN 13501-1: 2007, and GB/T5464-2010, GB/T14402-2007

## FEATURES AND BENEFITS

- Improve the energy efficiency of the building
- Reduce transmission of exterior sound to the interior of the building
- Absorb reverberating sounds within the building
- Provide thermal efficiency
- Keep the building warmer in winter and cooler in summer
- Non-Toxic



## APPLICATIONS

Metal Building Insulation glass wool blanket is designed for use under any roof system supported on purlins with either metal or fibrous claddings, to provide thermal control within the building. The blanket also be used as additional insulation to fill voids in walls and roofs of metal buildings.

## CERTIFICATE

