

PRODUCT



WE FOCUS ON
THERMAL INSULATION



THERMAL
INSULATION



FIRE
PROTECTION



NOISE
REDUCTION



ENVIRONMENTAL
PROTECTION

GLASS WOOL INSULATION



WHY INSULATED

INSULATION IS NECESSARY TO REDUCE ENERGY CONSUMPTION, SOUND POLLUTION AND IMPROVE THE COMFORT AND QUALITY OF LIFE IN NEW OR EXISTING BUILDINGS REGARDLESS OF THE CONSTRUCTION SYSTEM.





INSULATED HOUSE PROTECTS YOUR BUILDING AGAINST HOT WEATHER CONDITIONS, SO YOU USE LESS AIR CONDITIONING AND SAVE ON ELECTRICITY BILLS. ADDITIONALLY, OUR INSULATION PROVIDES EXCELLENT FIRE PROTECTION AND NOISE REDUCTION, IMPROVING YOUR SAFETY AND COMFORT.



IT'S TIME TO CHANGE

INSULATION IS A KEY COMPONENT OF SUSTAINABLE BUILDING DESIGN. A WELL INSULATED HOME REDUCES ENERGY BILLS BY KEEPING WARM IN THE WINTER AND COOL IN THE SUMMER, AND THIS IN TURN CUTS DOWN CARBON EMISSIONS LINKED TO GLOBAL CLIMATE CHANGE.

- 1. Safe and efficient manufacture of insulation**
- 2. Our goal of reducing emissions from plant operations.**
- 3. Our commitment to cost-effectively produce our products.**

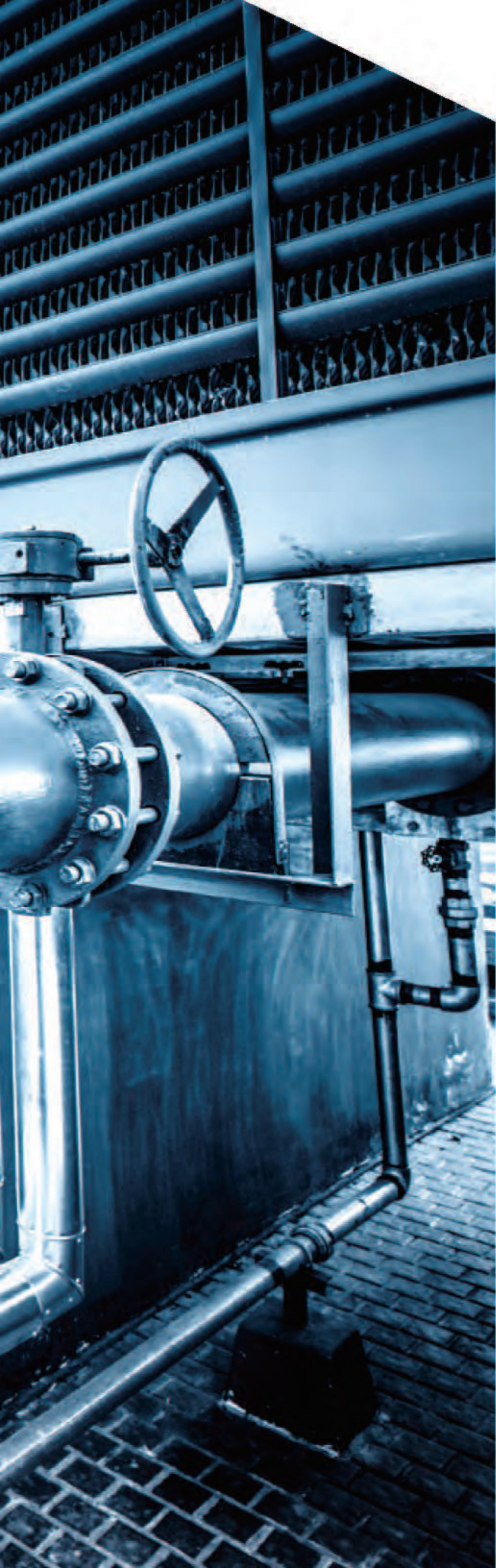


HOME PROTECTION INSULATED ROOF WOOL IMPROVEMENT
 INSTALLING INSULATE ROOF MATERIAL PEOPLE
 PANEL ATTIC HOUSE MATERIAL PEOPLE
 INSULATING HOUSE MATERIAL PEOPLE
INSULATION
 ALL SAVING THERMAL ENERGY MINERAL FIXING FITTING WORK
 ROCKWOOL MINERAL FIXING
 3 LAYER MALE CONSTRUCTION
 BUILDING FRIENDLY JOB EFFICIENCY
 BOARD LAYING

OUR COMMITMENT
 IS A NEVER-ENDING PROCESS.
 WE WILL CONTINUE TO IMPROVE
 WHAT WE DO IN ORDER TO MAKE
 OUR COMPANY AND PRODUCTS
 MORE SUSTAINABLE.

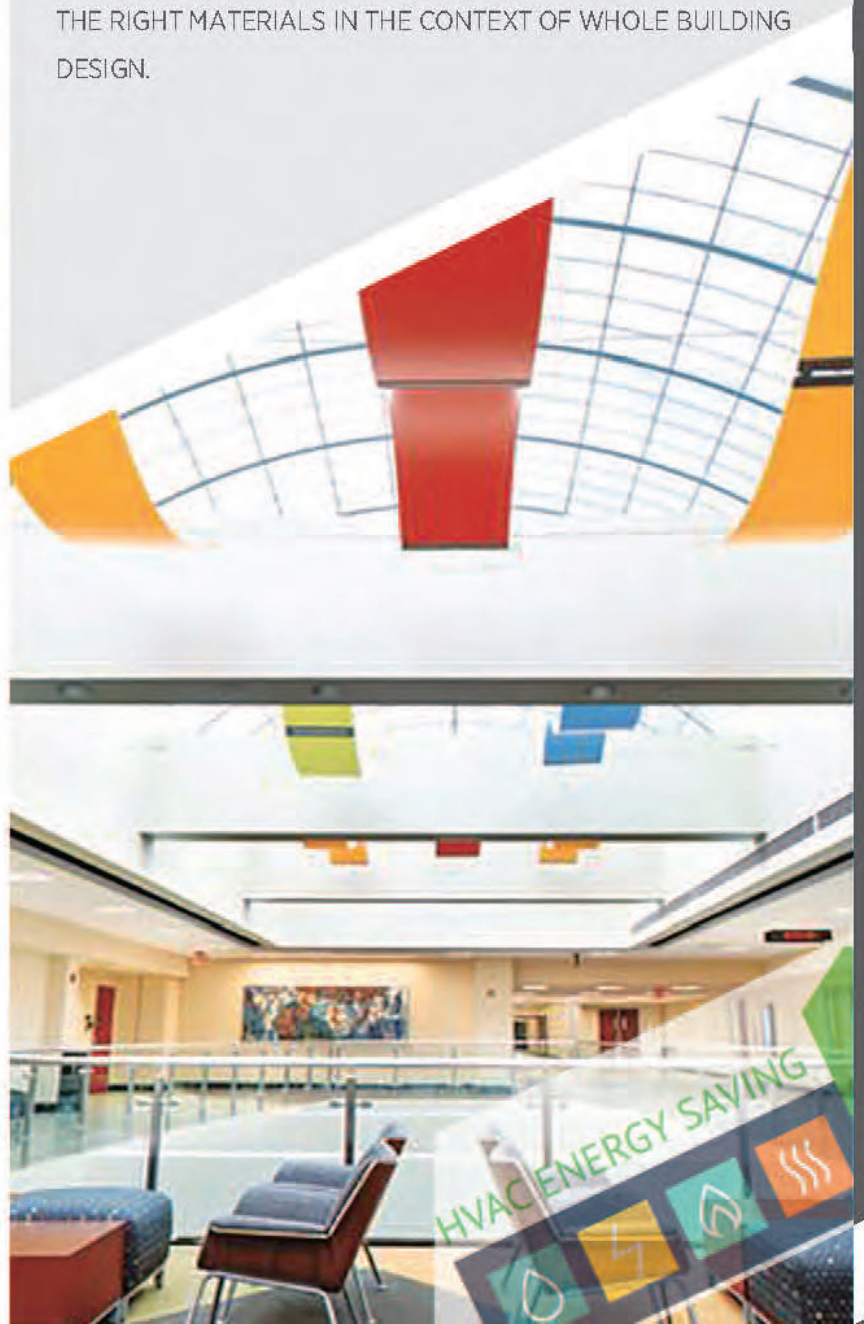
A photograph of an industrial facility, possibly a power plant or refinery, featuring large blue-painted pipes, metal grates, and structural beams. The scene is brightly lit, suggesting an outdoor or well-lit indoor environment. A semi-transparent white box is overlaid on the left side of the image, containing the text.

**REINVENTING
HOME ENERGY
SAVINGS**



SAVE YOUR BILL SAVE OUR EARTH

IN TERMS OF ENERGY EFFICIENCY, INVESTING IN HIGH LEVELS OF INSULATION MATERIALS FOR YOUR HOME IS MORE COST-EFFECTIVE THAN INVESTING IN EXPENSIVE HEATING TECHNOLOGIES. IT IS WORTH TAKING THE TIME TO CHOOSE THE RIGHT MATERIALS IN THE CONTEXT OF WHOLE BUILDING DESIGN.



The image shows a wooden surface with several blocks of acoustic foam in different colors: yellow, grey, white, and green. A white acoustic panel is also visible in the upper left. The text is overlaid on a white diagonal shape.

**PERFORMANCE
MATTERS—SPECIAL
SPACES REQUIRE
SPECIAL PERFORMANCE**



**FOR PERFORMANCE THAT
ENSURES YOUR BUILDING
AND ITS OCCUPANTS
ARE SAFE**



METAL BUILDING ROOFING INSULATION GLASS WOOL BLANKET



METAL BUILDING ROOFING INSULATION
GLASS WOOL BLANKET

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



FSK



Vinyl



Kraft

PRODUCT COLOR



Fiberglass



Fiberglass

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

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.



METAL BUILDING ROOFING INSULATION GLASS WOOL BLANKET

ORDER SAMPLES/LITERATURE
info@unitedinsulation.cn
Tel: +86 137 2266 8884
Contact Sales Representative

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
unitedinsulation.cn

TECHNICAL SERVICES
+86 316 5555 080

PRODUCT INFORMATION

United Insulation metal building roofing 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 ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	R-Value (m ² ·K/W)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET MBI 1050	12	50	1200	0.039	1.20	1	Loading Qty, Please consult
UET MBI 1075	12	75	1200	0.039	1.90	1	
UET MBI 10100	12	100	1200	0.039	2.50	1	
UET MBI 10150	12	150	1200	0.039	3.80	1	
UET MBI 10200	12	200	1200	0.039	5.00	1	
UET MBI 1650	16	50	1200	0.038	1.30	1	
UET MBI 1675	16	75	1200	0.038	1.90	1	
UET MBI 16100	16	100	1200	0.038	2.60	1	
UET MBI 2450	24	50	1200	0.035	1.40	1	
UET MBI 2475	24	75	1200	0.035	2.10	1	
UET MBI 24100	24	100	1200	0.035	2.80	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET MBI 1650

Tested Content	Tested Method	Tested Value
Density	ASTM C612	16kgs/m ³
Thickness	GB/T 17795-2008	50mm
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 ² ·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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

AVAILABLE FACINGS

FSK, Vinyl, Foil, WMP, and Kraft Facing is available accordingly to project design.

PACKAGING

Glass wool roll is packed by vacuumed 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

Notice
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Safety first. Follow good safety/industrial hygiene practices during insulation.
Wear appropriate personal protective equipment.
Read SDS and literature before specification and insulation.

UET UNITED INSULATION

METAL BUILDING WALL INSULATION GLASS WOOL BLANKET



METAL BUILDING WALL INSULATION
GLASS WOOL BLANKET

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



FSK



Vinyl



Kraft

PRODUCT COLOR



Fiberglass



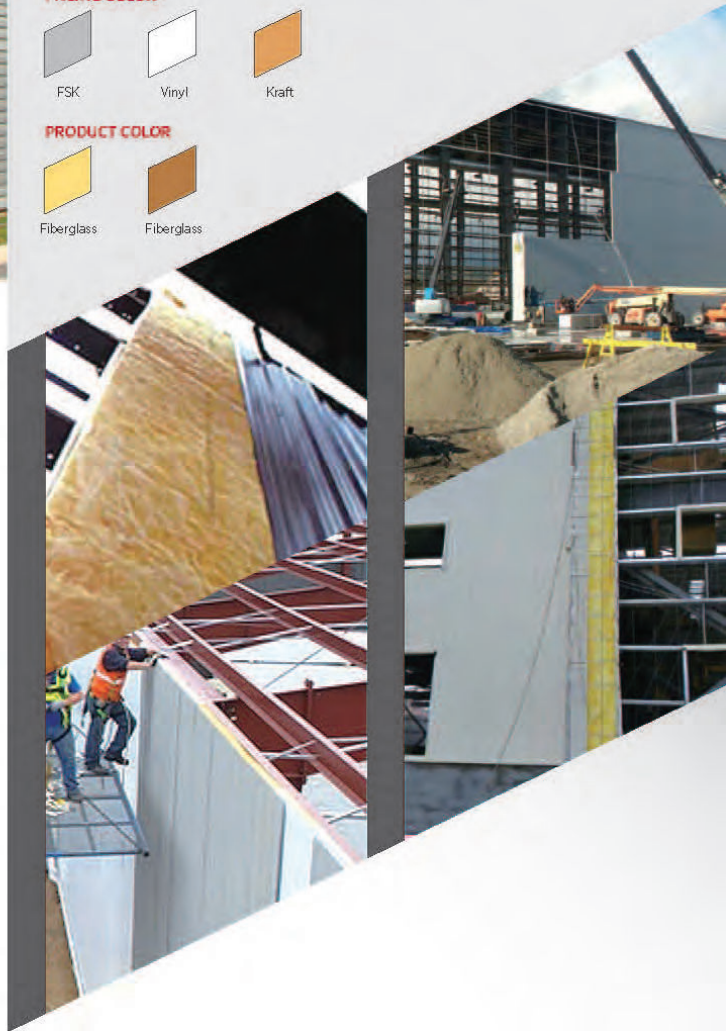
Fiberglass

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

APPLICATIONS

- Metal Building Insulation glass wool blanket is designed for use under any wall 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.



METAL BUILDING WALL INSULATION GLASS WOOL BLANKET

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contact Sales Representative

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
unitedinsulation.cn

TECHNICAL SERVICES
+86 316 5555 080

PRODUCT INFORMATION

United Insulation metal building wall 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 ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	R-Value (m ² ·K/W)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET MBI 1050	12	50	1200	0.039	1.20	1	Loading Qty, Please consult
UET MBI 1075	12	75	1200	0.039	1.90	1	
UET MBI 10100	12	100	1200	0.039	2.50	1	
UET MBI 10150	12	150	1200	0.039	3.80	1	
UET MBI 10200	12	200	1200	0.039	5.00	1	
UET MBI 1650	16	50	1200	0.038	1.30	1	
UET MBI 1675	16	75	1200	0.038	1.90	1	
UET MBI 16100	16	100	1200	0.038	2.60	1	
UET MBI 2450	24	50	1200	0.035	1.40	1	
UET MBI 2470	24	75	1200	0.035	2.10	1	
UET MBI 24100	24	100	1200	0.035	2.80	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET MBI 1650

Tested Content	Tested Method	Tested Value
Density	ASTM C612	16kgs/m ³
Thickness	GB/T 17795-2008	50mm
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 ² ·K/W
Average NRC	EN ISO 354	1.00
Maximum Service Temperature	ASTM C411	177°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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

AVAILABLE FACINGS

FSK, Vinyl, Foil, WMP, and Kraft Facing is available accordingly to project design.

PACKAGING

Glass wool roll is packed by vacuum 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, GB/T23932-2009, EN ISO 354, EN12667, ASTM C177, 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

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Wear appropriate personal protective equipment.
Read SDS and literature before specification and insulation.

UET UNITED INSULATION

GLASS WOOL INSULATION

METAL SANDWICH PANEL INSULATION GLASS WOOL PANEL



METAL SANDWICH PANEL INSULATION
GLASS WOOL PANEL

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

PRODUCT COLOR



Fiberglass



Fiberglass

FEATURES AND BENEFITS

- Excellent thermal and acoustic properties
- Long product life - will not readily age
- Significantly reduces heat loss or gain
- Made to size to reduce wastage
- Excellent mechanical performance

APPLICATIONS

- Glass wool panel insulated sandwich panels are more popular used in facades, roofs, partition walls and ceilings. The most typical applications include industrial and commercial buildings, sports halls, warehouses and power plants. The panels are also suitable for food industry construction.



METAL SANDWICH PANEL INSULATION GLASS WOOL PANEL

ORDER SAMPLES/LITERATURE
info@unitedinsulation.cn
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FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
unitedinsulation.cn

TECHNICAL SERVICES
+86 316 5555 080

PRODUCT INFORMATION

United Insulation metal building sandwich panel glass wool panel is consisted of long, resilient fibers bonded together with a thermosetting resin to form a lightweight, rigid glass wool panel. It used as an inner insulation core between two colour-coated steel sheet layers. It offers a wide range of thickness and density needed for sandwich panel processing requirement.

AVAILABLE FORMS

Rigid Panel

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m•K)	PKG/40'HQ (No#)
UET SPIP 4880	48	80	1130-1250	0.037	Loading Qty, Please consult
UET SPIP 4885	48	85	1130-1250	0.037	
UET SPIP 4890	48	90	1130-1250	0.037	
UET SPIP 4895	48	95	1130-1250	0.037	
UET SPIP 48100	48	100	1130-1250	0.037	
UET SPIP 6480	64	80	1130-1250	0.035	
UET SPIP 6485	64	85	1130-1250	0.035	
UET SPIP 6490	64	90	1130-1250	0.035	
UET SPIP 6495	64	95	1130-1250	0.035	
UET SPIP 64100	64	100	1130-1250	0.035	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET SPIP 64100

Tested Content	Tested Method	Tested Value
Density	ASTM C612	64kgs/m ³
Thickness	GB/T 17795-2008	100mm
Average diameter of fibers	GB/T 17795-2008	7.2µm
Coefficient of Heat Conductivity	EN12667	0.035W/m•K
Thermal Resistance	ASTM C653	2.80m ² •K/W
Average NRC	EN ISO 354	1.0
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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

AVAILABLE FACINGS

No facing required

PACKAGING

Glass wool panel is packed by pallet, wrapped by a stretch film. It's easy to load and un-load with forklift to save labor cost and save storage space.

STORAGE AND TRANSPORT

Store insulation indoors. Store product under cover and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact.

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001: 2008, ISO 14001:2004
GB/T17795-2008, GB/T23932-2009, EN ISO 354, EN12667, ASTM C177, ASTM C653, ASTM C665
With CE Certificate according to standard EN 13162:2008

FIRE PERFORMANCE

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

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Safety first. Follow good safety/industrial hygiene practices during insulation.
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Read SDS and literature before specification and insulation.

UET UNITED INSULATION

METAL SANDWICH PANEL INSULATION GLASS WOOL SLAB



METAL SANDWICH PANEL INSULATION
GLASS WOOL SLAB

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- Excellent thermal and acoustic properties
- Long product life - will not readily age
- Significantly reduces heat loss/gain
- Made to size to reduce wastage
- Excellent mechanical performance

APPLICATIONS

- Glass wool slab insulated sandwich panels are more popular used in modular house and container house.



METAL SANDWICH PANEL INSULATION GLASS WOOL SLAB

ORDER SAMPLES/LITERATURE
info@unitedinsulation.cn
Tel: +86 137 2266 8884
Contact Sales Representative

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
unitedinsulation.cn

TECHNICAL SERVICES
+86 316 5555 080

PRODUCT INFORMATION

United Insulation metal building sandwich panel glass wool slab is consisted of long, resilient fibers bonded together with a thermosetting resin to form a lightweight, rigid glass wool panel, which pre-cut into slabs in factory. It is used as an inner insulation core between two colour-coated steel sheet layers. It offer a wide range of thickness and density needed for sandwich panel processing requirement.

AVAILABLE FORMS

Rigid Pre-cutted Slabs

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET SPIS 32100	32	100	50/75/80/100	0.038	30	Loading Qty,
UET SPIS 32100	32	100	50/75/80/100	0.038	30	Please consult
UET SPIS 32100	32	100	50/75/80/100	0.038	30	
UET SPIS 4875	48	75	50/75/80/100	0.037	40	
UET SPIS 4875	48	75	50/75/80/100	0.037	40	
UET SPIS 4875	48	75	50/75/80/100	0.035	40	
UET SPIS 6450	64	50	50/75/80/100	0.035	50	
UET SPIS 6450	64	50	50/75/80/100	0.035	50	
UET SPIS 6450	64	50	50/75/80/100	0.035	50	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET SPIS 4850

Tested Content	Tested Method	Tested Value
Density	ASTM C612	48kgs/m ³
Thickness	GB/T 17795-2008	50mm
Average diameter of fibers	GB/T 17795-2008	7.2µm
Coefficient of Heat Conductivity	EN12667	0.035W/m·K
Thermal Resistance	ASTM C653	1.40m ² ·K/W
Average NRC	EN ISO 354	1.05
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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

AVAILABLE FACINGS

No facing required

PACKAGING

Glass wool slab is packed by bundle, wrapped by a stretch shrink film. It's easy to load and un-load with forklift to save labor cost and save storage space.

STORAGE AND TRANSPORT

Store insulation indoors. Store product under cover and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact.

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001:2008, ISO 14001:2004
GB/T17795-2008, GB/T23932-2009, EN ISO 354, EN12667, ASTM C177, ASTM C653, ASTM C665
With CE Certificate according to standard EN 13162:2008

FIRE PERFORMANCE

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

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UET UNITED INSULATION

RESIDENTIAL BUILDING INSULATION GLASS WOOL BATTES AND PRE-CUT ROLL



RESIDENTIAL BUILDING INSULATION
GLASS WOOL BATTES AND PRE-CUT ROLL

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



FSK



Vinyl



Kraft

PRODUCT COLOR



Fiberglass



Fiberglass

FEATURES AND BENEFITS

- High thermal performance
- Sound absorbing
- Easy to install
- Non-combustible
- Keep the house warmer in winter and cooler in summer

APPLICATIONS

- Glass wool battes and Pre-cut rolls can be used in timber and metal frame applications in residential and commercial building.



RESIDENTIAL BUILDING INSULATION GLASS WOOL BATTS AND PRE-CUT ROLL

ORDER SAMPLES/LITERATURE
info@unitedinsulation.cn
tel: +86 137 2266 8894
contact Sales Representative

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
unitedinsulation.cn

TECHNICAL SERVICES
+86 316 5555 080

PRODUCT INFORMATION

United Insulation glass wool batts and pre-cut rolls are consisted of long, resilient fibers bonded together with a thermosetting resin to form a lightweight, flexible glass wool batts or rolls.

Both batts and rolls are pre-cut to fit snugly between wall studs, ceiling and floor joist. However, only rolls or blanket insulation provide continuous coverage because of their extended lengths. Both batts and rolls 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

Batts and Pre-Cut Roll

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	R-Value (m ² ·K/W)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET BATT 12150	12	150	430	0.039	3.50	1	Loading Qty, Please consult
UET BATT 12185	12	185	430	0.039	4.00	1	
UET BATT 12200	12	200	580	0.039	5.00	1	
UET PCR 12100	12	100	600	0.039	2.50	1	
UET PCR 12150	12	150	600	0.039	3.50	1	
UET PCR 12185	12	185	600	0.039	4.00	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET PCR 12100

Tested Content	Tested Method	Tested Value
Density	ASTM C612	12kgs/m ³
Thickness	GB/T 17795-2008	100mm
Average diameter of fibers	GB/T 17795-2008	6.5µm
Coefficient of Heat Conductivity	EN12667	0.039W/m·K
Thermal Resistance	ASTM C653	2.50m ² ·K/W
Average NRC	EN ISO 354	0.95
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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

AVAILABLE FACINGS

FSK, Vinyl, Foil, WMP, and Kraft Facing is available accordingly to project design.

PACKAGING

Glass wool batts and pre-cut rolls are packed by compress and vacuummed packing. Inner packing is PVC bag, Outside packing is polyethelne 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, Product will be damaged if subject to sharp or heavy impact.

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001: 2008, ISO 14001:2004
GB/T17795-2008, GB/T13350-2008, AS/NZS 4589.1
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

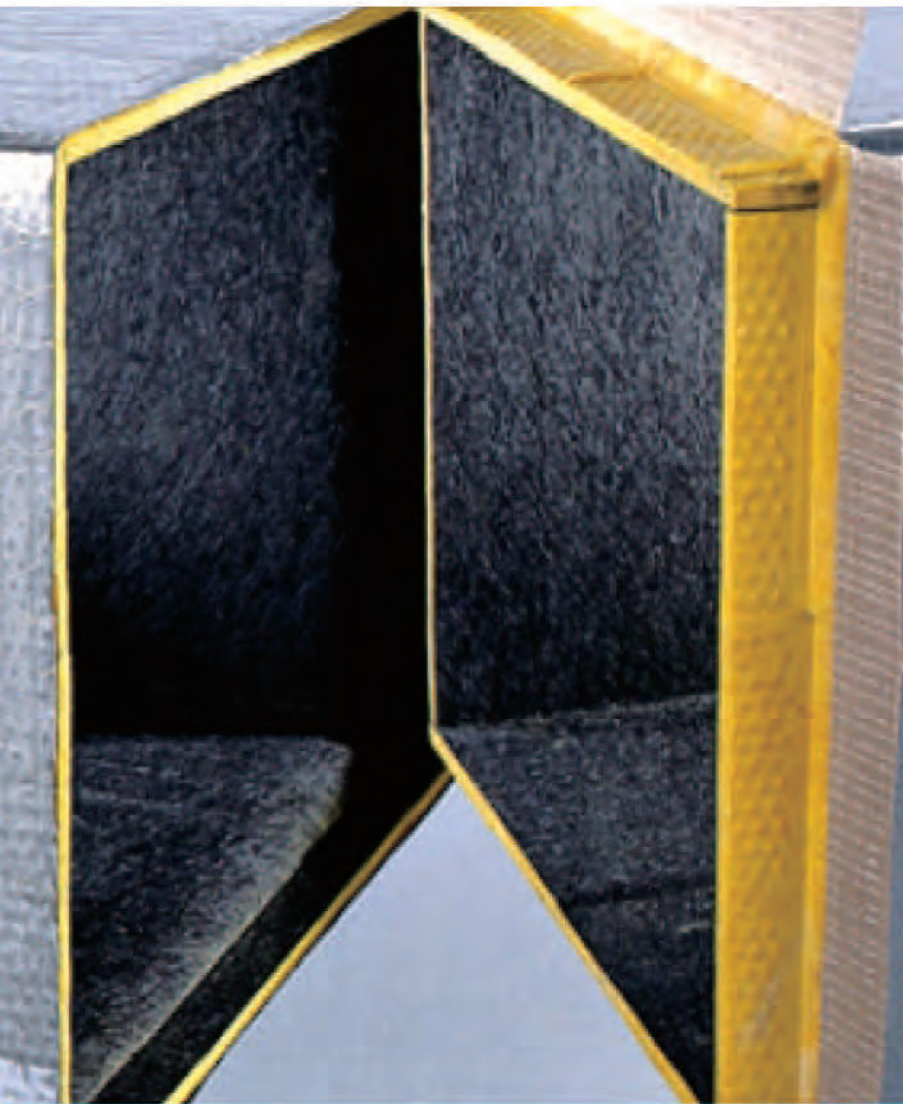
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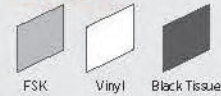
HVAC SYSTEM INSULATION GLASS WOOL DUCT PANEL



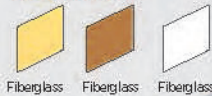
HVAC SYSTEM INSULATION
GLASS WOOL DUCT PANEL

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FACING COLOR



PRODUCT COLOR

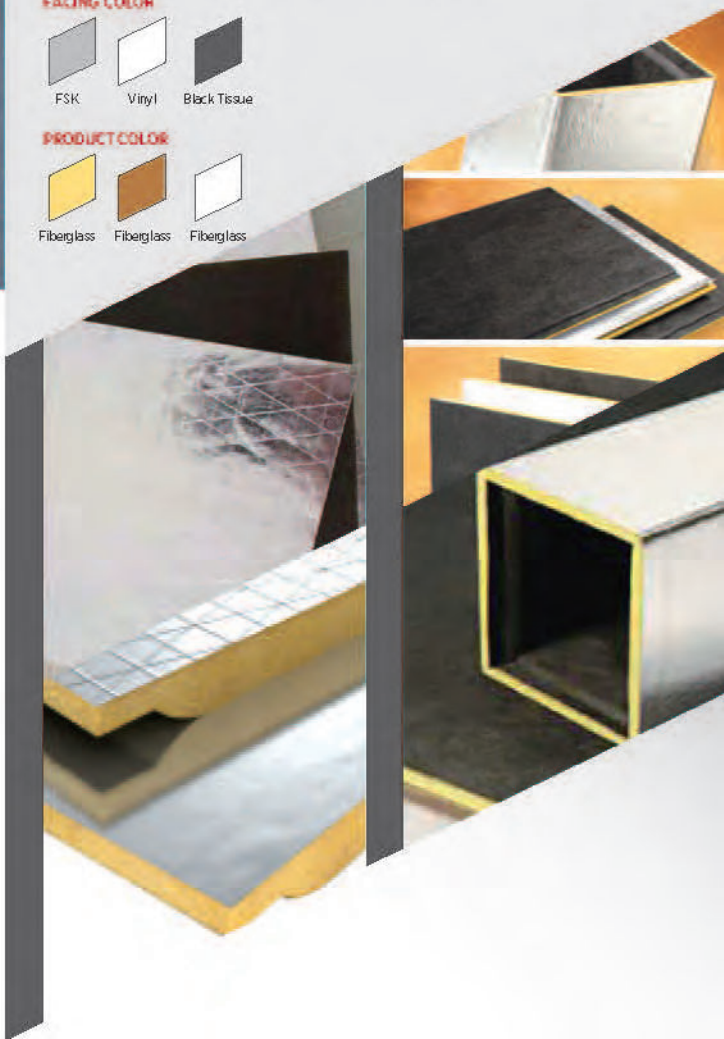


FEATURES AND BENEFITS

- Excellent thermal and acoustic properties
- Long product life - will not readily age
- Excellent mechanical performance
- Less wasted energy

APPLICATIONS

- Use in the fabrication of HVAC systems, air diffusers and register boxes
- Used to fabricate ducts for commercial and residential construction
- Use in manufactured and modular housing duct system



HVAC SYSTEM INSULATION GLASS WOOL DUCT PANEL

ORDER SAMPLES/LITERATURE
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Tel: +86 137 2266 8894
Contact Sales Representative

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TECHNICAL INFORMATION
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TECHNICAL SERVICES
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PRODUCT INFORMATION

United Insulation HVAC glass wool duct panel dampens unwanted noise and promotes consistent temperatures for less wasted energy. In addition, it contributes to a healthier indoor environment through less air leakage and is protected against damage from microbial growth. It is easy to fabricate for faster installation. Our duct board solutions offer a wide range of benefits to fit your requirements and needs.

AVAILABLE FORMS

Smei-Rigid or Rigid Panel

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET HVPL 4825	48	25	600	0.035	1	Loading Qty, Please consult
UET HVPL 4830	48	30	600	0.035	1	
UET HVPL 4840	48	40	600	0.035	1	
UET HVPL 4850	48	50	600	0.035	1	
UET HVPL 6425	64	25	600	0.034	1	
UET HVPL 6430	64	30	600	0.034	1	
UET HVPL 6440	64	40	600	0.034	1	
UET HVPL 6450	64	50	600	0.034	1	
UET HVPL 9625	96	25	1200	0.032	1	
UET HVPL 9630	96	30	1200	0.032	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET HVPL 9630

Tested Content	Tested Method	Tested Value
Density	ASTM C612	96kgs/m ³
Thickness	GB/T 13350-2008	30mm
Average diameter of fibers	GB/T 13350-2008	6.5µm
Coefficient of Heat Conductivity	EN12667	0.034W/m·K
Thermal Resistance	ASTM C653	1.40m ² ·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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

SOUND ABSORPTION

Thickness(mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
25	0.04	0.27	0.71	0.96	1.03	0.99	0.75
40	0.11	0.45	0.96	1.07	1.06	1.00	0.90
50	0.14	0.81	1.10	1.07	1.03	1.01	1.00

AVAILABLE FACINGS

FSK Foil, Fiberglass Fabric Foil, and Black Tissue Facing is available accordingly to project design.

PACKAGING

Glass wool panel is packed by pallet, wrapped by a stretch film. It's easy to load and un-load with forklift to save labor cost and save storage space.

STORAGE AND TRANSPORT

Store insulation indoors. Store product under cover and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact.

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001:2008, ISO 14001:2004
GB/T13350-2008, EN ISO 354, EN12667, ASTM C177, ASTM C653, ASTM C665
With CE Certificate according to standard EN 13162:2008

FIRE PERFORMANCE

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

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Wear appropriate personal protective equipment.
Read SDS and literature before specification and insulation.

UET UNITED INSULATION

HVAC SYSTEM INSULATION GLASS WOOL DUCT WRAP



HVAC SYSTEM INSULATION
GLASS WOOL DUCT WRAP

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FACING COLOR



PRODUCT COLOR

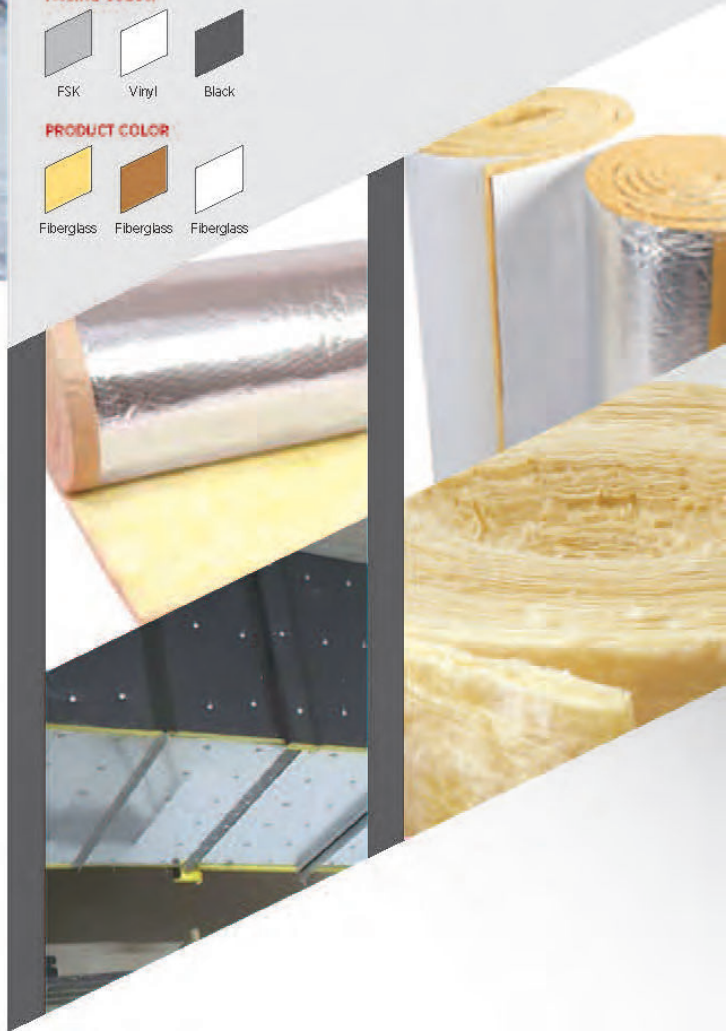


FEATURES AND BENEFITS

- Excellent thermal and acoustic properties
- Long product life - will not readily age
- Excellent mechanical performance
- Less wasted energy
- Flexible, easy to install

APPLICATIONS

- Wraps around new or existing ductwork



HVAC SYSTEM INSULATION GLASS WOOL DUCT WRAP

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PRODUCT INFORMATION

United Insulation HVAC glass wool duct wrap is a lightweight, highly resilient, blanket-type, thermal and acoustical insulation made from glass fibers bonded with a thermosetting phenolic resin.

Our duct wrap solutions offer a wide range of benefits to fit your requirements and needs. Helps air duct system maintain a consistent air temperature, reduces condensation and absorbs draft and system operation noise for improved duct system efficiency.

AVAILABLE FORMS

Flexible Blanket

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET HVWB 2425	24	25	1200	0.037	1	Loading Qty, Please consult
UET HVWB 2430	24	30	1200	0.037	1	
UET HVWB 2440	24	40	1200	0.037	1	
UET HVWB 2450	24	50	1200	0.037	1	
UET HVWB 3225	32	25	1200	0.036	1	
UET HVWB 3230	32	30	1200	0.036	1	
UET HVWB 3240	32	40	1200	0.036	1	
UET HVWB 3250	32	50	1200	0.036	1	
UET HVWB 4825	48	25	1200	0.035	1	
UET HVWB 4830	48	30	1200	0.035	1	
UET HVWB 4840	48	40	1200	0.035	1	
UET HVWB 4850	48	50	1200	0.035	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET HVWB 2450

Tested Content	Tested Method	Tested Value
Density	ASTM C612	24kgs/m ³
Thickness	GB/T 17795-2008	50mm
Average diameter of fibers	GB/T 17795-2008	6.5µm
Coefficient of Heat Conductivity	EN12667	0.037W/m·K
Thermal Resistance	ASTM C653	1.35m ² ·K/W
Average NRC	EN ISO 354	0.95
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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

SOUND ABSORPTION

Thickness(mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
25	0.08	0.31	0.64	0.84	0.97	1.03	0.70
40	0.10	0.47	0.85	1.01	1.02	1.01	0.85
50	0.25	0.66	1.00	1.02	1.02	1.01	0.95
75	0.47	0.96	1.17	1.10	1.02	1.05	1.05

AVAILABLE FACINGS

FSK Foil, Fiberglass Fabric Foil, and Black Tissue Facing is available accordingly to project design.

PACKAGING

Glass wool panel is packed by pallet, wrapped by a stretch film. It's easy to load and un-load with forklift to save labor cost and save storage space.

STORAGE AND TRANSPORT

Store insulation indoors. Store product under cover and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact.

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001: 2008, ISO 14001:2004
GB/T13350-2008, EN ISO 354, EN12667, ASTM C177, ASTM C653, ASTM C665
With CE Certificate according to standard EN 13162:2008

FIRE PERFORMANCE

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

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UET UNITED INSULATION

FORMALDEHYDE-FREE GLASS WOOL



FORMALDEHYDE-FREE
GLASS WOOL

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FACING COLOR



FSK



Vinyl



Kraft

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- Water-based, formaldehyde-free binder technology
- Excellent thermal and acoustic properties
- Excellent moisture resistance
- High recovery for maximum yield and R-value

APPLICATIONS

- Residential and commercial buildings, HVAC Ductwork Insulation, and other common insulation



FORMALDEHYDE-FREE GLASS WOOL

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PRODUCT INFORMATION

United Insulation formaldehyde-free glass wool is a lightweight, highly resilient product designed for fire safety, acoustic and thermal insulation applications in buildings. The inorganic fibres are bonded together using a formaldehyde free binder. It helps you improve indoor air quality and achieve a healthier and safer home by reducing your overall formaldehyde exposure.

AVAILABLE FORMS

Flexible Blanket, Semi-Rigid Board, Rigid Board

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET FREE BR 2425	24	25	1200	0.036	1	Loading Qty, Please consult
UET FREE BR 2430	24	30	1200	0.036	1	
UET FREE BR 2440	24	40	1200	0.036	1	
UET FREE BR 2450	24	50	1200	0.036	1	
UET FREE SL 3230	32	30	600	0.035	1	
UET FREE SL 3240	32	40	600	0.035	1	
UET FREE SL 3250	32	50	600	0.035	1	
UET FREE SL 4825	48	25	600	0.034	1	
UET FREE SL 4830	48	30	600	0.034	1	
UET FREE SL 4850	48	40	600	0.034	1	
UET FREE SL 4850	48	50	600	0.034	1	
UET FREE PL 9625	96	25	1200	0.033	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET FREESL 4850

Tested Content	Tested Method	Tested Value
Density	ASTM C612	48kgs/m ³
Thickness	GB/T 17795-2008	50mm
Average diameter of fibers	GB/T 17795-2008	6.0µm
Coefficient of Heat Conductivity	ASTM C177	0.034W/m·K
Thermal Resistance	ASTM C653	1.45m ² ·K/W
Average NRC	EN ISO 354	0.95
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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50
Formaldehyde Contents	GB 18580-2017	0
TVOC	GB 18580-2017	0
Benzene	GB 18580-2017	0
Methylbenzene	GB 18580-2017	0
Xylene	GB 18580-2017	0

SOUND ABSORPTION

Thickness(mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
25	0.08	0.31	0.64	0.84	0.97	1.03	0.70
40	0.10	0.47	0.85	1.01	1.02	1.01	0.85
50	0.25	0.66	1.00	1.02	1.02	1.01	0.95
75	0.47	0.96	1.17	1.10	1.02	1.05	1.05

AVAILABLE FACINGS

FSK Foil, Fiberglass Fabric Foil, and Black Tissue Facing is available accordingly to project design.

PACKAGING

Consult your local sales representative for other available sizes and packing

STORAGE AND TRANSPORT

Store insulation indoors. Store product under cover and in dry conditions.

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001:2008, ISO 14001:2004
GB/T17795-2008, GB/T13350-2008, GB/T23932-2009, ASTM C653, ASTM C665, ASTM C1104
GB 18580-2017

FIRE PERFORMANCE

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

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UET UNITED INSULATION

ECO TECH GLASS WOOL



ECO TECH GLASS WOOL



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FACING COLOR



FSK



Vinyl



Kraft

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- Water-based, ECO TECH binder technology
- Excellent thermal and acoustic properties
- Excellent moisture resistance
- High recovery and R-value

APPLICATIONS

- Residential and commercial buildings, HVAC Ductwork Insulation, and other common insulation



ECO TECH GLASS WOOL

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PRODUCT INFORMATION

United Insulation ECO tech glass wool is a lightweight, highly resilient product designed for fire safety, acoustic and thermal insulation applications in buildings. The inorganic fibres are bonded with ECO Technology. United Insulation's ECO Technology assures that no phenol, no formaldehyde, no acrylics or artificial colors are used to manufacture insulation. The consistent quality, low dust, and easy-cutting resilient fiber make it the preferred choice.

AVAILABLE FORMS

Flexible Blanket, Semi-Rigid Board, Rigid Board

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET ECO BR 2425	24	25	1200	0.036	1	Loading Qty, Please consult
UET ECO BR 2430	24	30	1200	0.036	1	
UET ECO BR 2440	24	40	1200	0.036	1	
UET ECO BR 2450	24	50	1200	0.036	1	
UET ECO SL 3230	32	30	600	0.035	1	
UET ECO SL 3240	32	40	600	0.035	1	
UET ECO SL 3250	32	50	600	0.035	1	
UET ECO SL 4825	48	25	600	0.034	1	
UET ECO SL 4830	48	30	600	0.034	1	
UET ECO SL 4850	48	40	600	0.034	1	
UET ECO SL 4850	48	50	600	0.034	1	
UET ECO PL 9625	96	25	1200	0.033	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET ECOSL 4850

Tested Content	Tested Method	Tested Value
Density	ASTM C612	448kg/m ³
Thickness	GB/T 17795-2008	50mm
Average diameter of fibers	GB/T 17795-2008	6.0µm
Coefficient of Heat Conductivity	ASTM C177	0.034W/m·K
Thermal Resistance	ASTM C653	1.45m ² ·K/W
Average NRC	EN ISO 354	0.95
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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25, Flame Diffusivity: 50
Formaldehyde Contents	GB 18580-2017	0
TVOC	GB 18580-2017	0
Benzene	GB 18580-2017	0
Methylbenzene	GB 18580-2017	0
Xylene	GB 18580-2017	0

SOUND ABSORPTION

Thickness(mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
25	0.08	0.31	0.64	0.84	0.97	1.03	0.70
40	0.10	0.47	0.85	1.01	1.02	0.10	0.85
50	0.25	0.66	1.00	1.02	1.02	1.01	0.95
75	0.47	0.96	1.17	1.10	1.02	1.05	1.05

AVAILABLE FACINGS

FSK Foil, Fiberglass Fabric Foil, and Black Tissue Facing is available accordingly to project design.

PACKAGING

Consult your local sales representative for other available sizes and packing

STORAGE AND TRANSPORT

Store insulation indoors. Store product under cover and in dry conditions.

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001:2008, ISO 14001:2004
GB/T17795-2008, GB/T13350-2008, GB/T23932-2009, ASTM C653, ASTM C665, ASTM C1104
GB 18580-2017

FIRE PERFORMANCE

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

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UET UNITED INSULATION

GLASS WOOL INSULATION

SEMI-RIGID GLASS WOOL BOARD



SEMI-RIGID GLASS WOOL BOARD

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FACING COLOR



FSK



Vinyl



Black Tissue

PRODUCT COLOR



Fiberglass



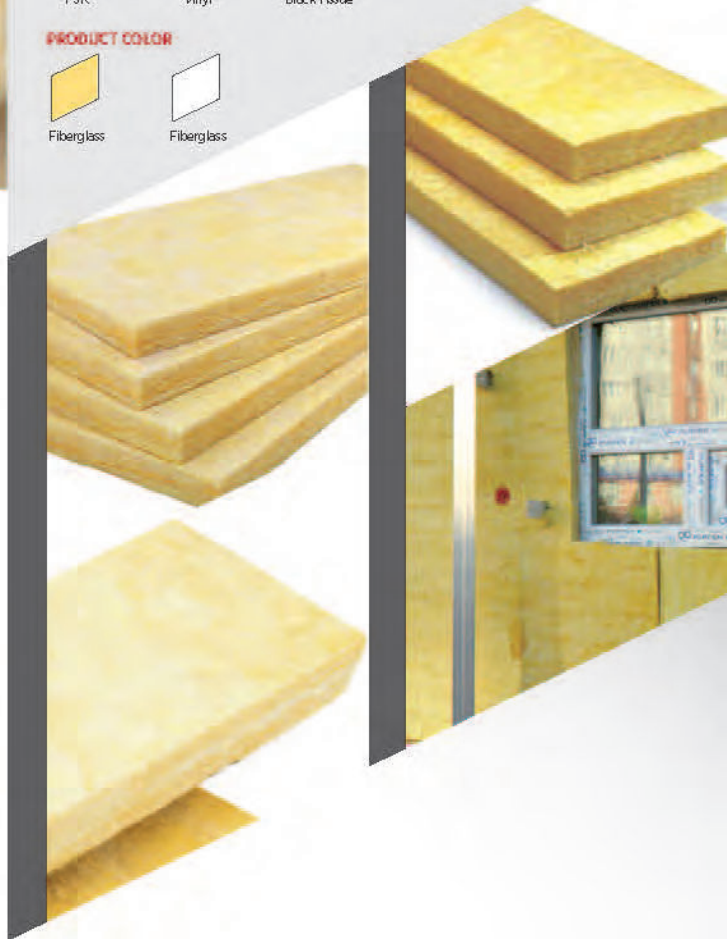
Fiberglass

FEATURES AND BENEFITS

- Excellent thermal and acoustic properties
- Easy to fasten
- Made to size to reduce wastage
- Excellent mechanical performance
- Available in various densities to meet specific performance

APPLICATIONS

- Typically used as an internal lining for air conditioning duct work, the medium density of Semi-Rigid is also very effective behind perforated cladding where additional support is required.



SEMI-RIGID GLASS WOOL BOARD

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PRODUCT INFORMATION

United Insulation semi-rigid board is designed for applications where high thermal and acoustic insulation performance is required at minimal thickness. Semi-Rigid is available with a range of functional and decorative facing materials to complement its base material performance properties. Typically used as an internal lining for air conditioning duct work, the medium density of Semi-Rigid is available in a broad range of thicknesses that meet the performance requirements.

AVAILABLE FORMS

Semi-Rigid Board

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET SEMI 2425	24	25	600	0.037	1	Loading Qty, Please consult
UET SEMI 2430	24	30	600	0.037	1	
UET SEMI 2450	24	50	600	0.037	1	
UET SEMI 3225	32	25	600	0.036	1	
UET SEMI 3230	32	30	600	0.036	1	
UET SEMI 3250	32	50	600	0.036	1	
UET SEMI 4825	48	25	600	0.036	1	
UET SEMI 4830	48	30	600	0.036	1	
UET SEMI 4850	48	50	600	0.036	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES

OF
UET SEMI 4830

Tested Content	Tested Method	Tested Value
Density	ASTM C612	48kgs/m ³
Thickness	GB/T 13350-2008	30mm
Average diameter of fibers	GB/T 13350-2008	6.5μm
Coefficient of Heat Conductivity	EN12667	0.036W/m·K
Thermal Resistance	ASTM C653	0.83m ² ·K/W
Average NRC	EN ISO 354	0.88
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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

SOUND ABSORPTION

Thickness(mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
25	0.04	0.27	0.71	0.96	1.03	0.99	0.75
30	0.07	0.35	0.85	1.03	1.06	1.00	0.88
50	0.14	0.81	1.10	1.07	1.03	1.01	1.00

AVAILABLE FACINGS

Unfaced, Foil-Faced

PACKAGING

Semi-Rigid board is wrapped by a stretch shrink film, packed in carton boxes. It's easy to load and un-load with forklift to save labor cost and save storage space.

STORAGE AND TRANSPORT

Store insulation indoors. Store product under cover and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact.

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001:2008, ISO 14001:2004
GB/T17795-2008, GB/T13350-2008, EN ISO 354, EN12667, ASTM C177, ASTM C653, ASTM C665
With CE Certificate according to standard EN 13162:2008

FIRE PERFORMANCE

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

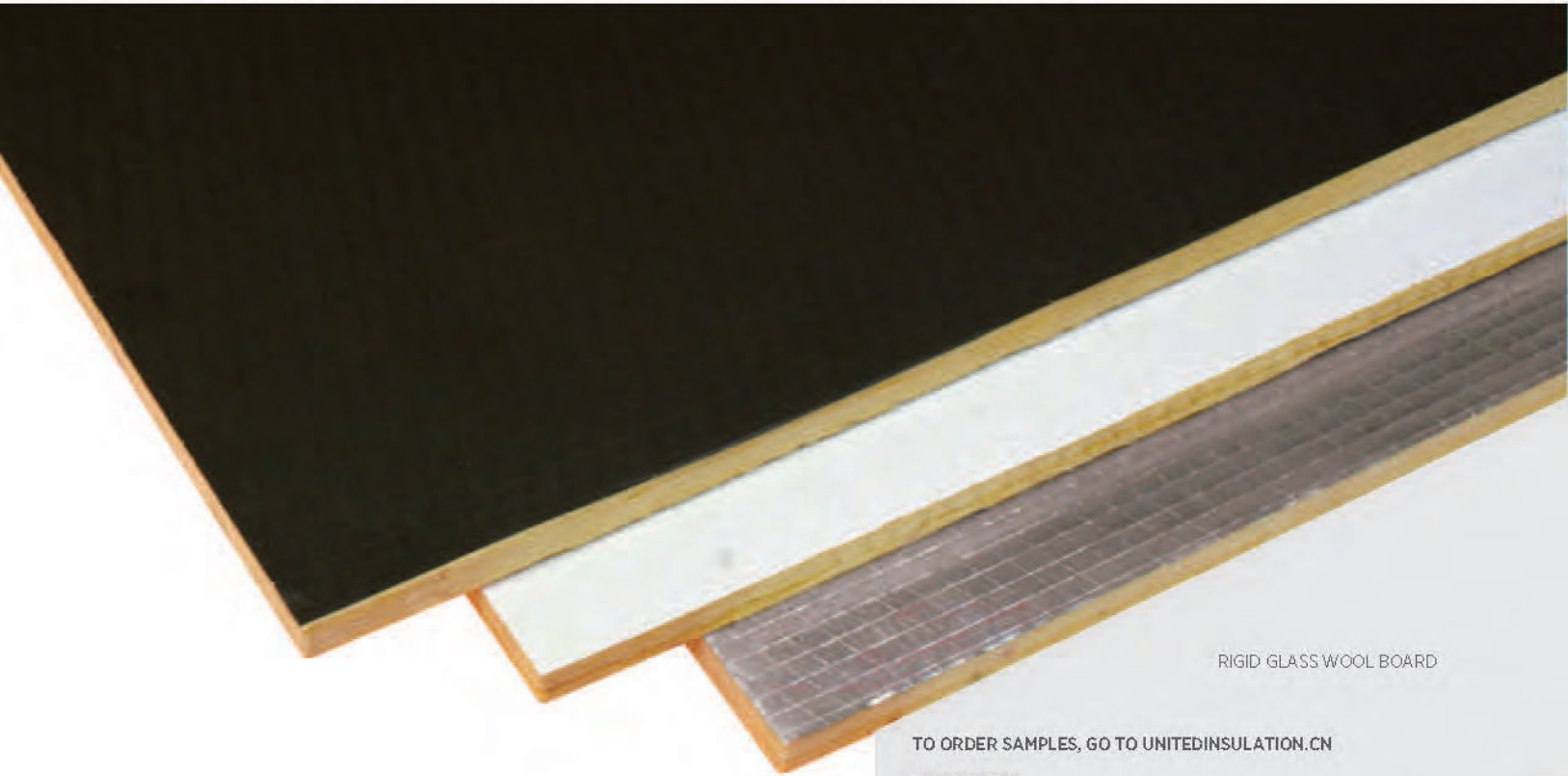
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UET UNITED INSULATION

RIGID GLASS WOOL BOARD



RIGID GLASS WOOL BOARD

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FACING COLOR



FSK



White Vinyl



White Tissue



Black Tissue

PRODUCT COLOR



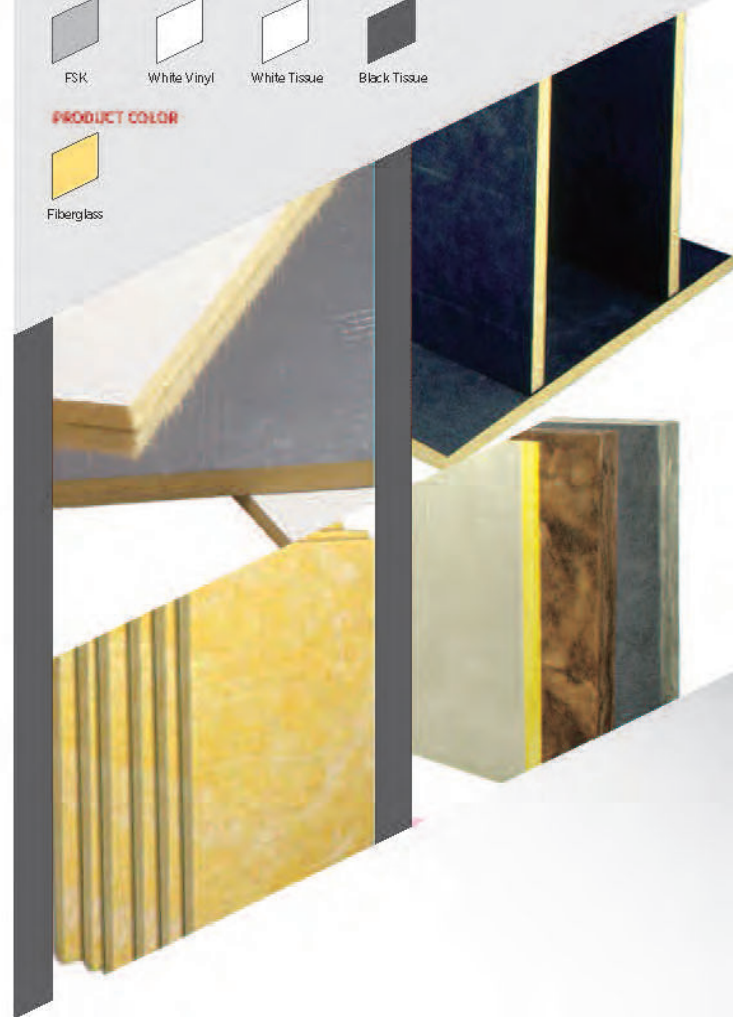
Fiberglass

FEATURES AND BENEFITS

- Excellent thermal and acoustic properties
- Easy to fasten
- Made to size to reduce wastage
- Excellent mechanical performance
- Available in various densities to meet specific performance

APPLICATIONS

- It is recommended for the optimum thermal and acoustic insulation of industrial equipment, domestic appliances and sheet metal ductwork, operating at up to 170°C



RIGID GLASS WOOL BOARD

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PRODUCT INFORMATION

United Insulation rigid glasswool board provides an excellent balance of both thermal and acoustic insulation properties, which render it suitable for a broad range of industrial applications. It is particularly suited to the mechanical services industry where design requirements dictate optimum performance from internally lined air conditioning ducts, plant room and equipment casings.

AVAILABLE FORMS

Rigid Panel

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m•K)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET RIGID 6425	64	25	1200	0.034	1	Loading Qty, Please consult
UET RIGID 6430	64	30	1200	0.034	1	
UET RIGID 6450	64	50	1200	0.034	1	
UET RIGID 8025	80	25	1200	0.033	1	
UET RIGID 8030	80	30	1200	0.033	1	
UET RIGID 8050	80	50	1200	0.033	1	
UET RIGID 9625	96	25	1200	0.032	1	
UET RIGID 9630	96	30	1200	0.032	1	
UET RIGID 9650	96	50	1200	0.032	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES

OF
UET RIGID 8050

Tested Content	Tested Method	Tested Value
Density	ASTM C612	80kgs/m ³
Thickness	GB/T 13350-2008	50mm
Average diameter of fibers	GB/T 13350-2008	6.0µm
Coefficient of Heat Conductivity	EN12667	0.033W/m•K
Thermal Resistance	ASTM C653	1.50m ² •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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

SOUND ABSORPTION

Thickness(mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
25	0.03	0.25	0.62	0.92	1.03	0.97	0.70
30	0.02	0.44	0.96	1.17	1.16	1.12	0.95
50	0.19	0.64	1.08	1.13	1.06	1.06	1.00

AVAILABLE FACINGS

Unfaced, Foil-Faced

PACKAGING

Rigid board is wrapped by a stretch shrink film, packed in Carton. It's easy to load and un-load with forklift to save labor cost and save storage space.

STORAGE AND TRANSPORT

Store insulation indoors. Store product under cover and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact.

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001: 2008, ISO 14001:2004
GB/T17795-2008, GB/T13350-2008, EN ISO 354, EN12667, ASTM C177, ASTM C653, ASTM C665
With CE Certificate according to standard EN 13162:2008

FIRE PERFORMANCE

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

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Safety first. Follow good safety/industrial hygiene practices during insulation.
Wear appropriate personal protective equipment.
Read SDS and literature before specification and insulation.

UET UNITED INSULATION

MOLDABLE UNCURED GLASS WOOL



MOLDABLE UNCURED GLASS WOOL

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



FSK



Black Tissue

PRODUCT COLOR



Fiberglass



Fiberglass

FEATURES AND BENEFITS

- High thermal performance
- Excellent acoustical control
- Light weight and flexibility
- Excellent mechanical performance
- Available in various weight to meet specific performance

APPLICATIONS

- Moldable Glass Wool is specifically designed to be molded into hoodliners, dash insulators and other acoustical components.



MOLDABLE UNCURED GLASS WOOL

ORDER SAMPLES/LITERATURE
 info@unitedinsulation.cn
 tel: +86 137 2266 8894
 contact: Sales Representative

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
 unitedinsulation.cn

TECHNICAL SERVICES
 +86 316 5555 080

PRODUCT INFORMATION

United Insulation moldable uncured glass wool blanket is manufactured using glass fibers bonded with a highly specialized resin. It is manufactured in an uncured state and provides superior acoustical and thermal performance. Moldable Glass Wool is specifically designed for use in the manufacture of hoodliners, dash insulators and other acoustical components. It is lightweight, flexible, heat resistant and has low flammability and moisture absorption properties.

AVAILABLE FORMS

Rolled Blanket

AVAILABLE SIZE

THERMAL CONDUCTIVITY

Conductivity K-Value	Weight	Film Cover	Roll Size Width	Length	Packing and Loading Only for China Market	
(W/m•K)	(gsm)		(meters)	(meters)	(No#)	(No#)
0.037/0.035	600-1600	None	1.1-1.35	Depends on	1	Loading Qty,
		PE Film		Weight		Please consult
		PP Film				

Consult your local sales representative for other available sizes and specification

AVAILABLE FACINGS

Unfaced

PACKAGING

Moldable uncured glass Wool blanket is wrapped by a stretch film, packed in PVC bag.

STORAGE AND TRANSPORT

Product should be stored at 4°C to 10°C, with relative humidity between 30% and 90%, to retain molding characteristics. Depending on temperature and humidity conditions, the product will typically retain its molding characteristics for 14 to 21 days from the date of manufacture

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001: 2008, ISO 14001:2004
 GB/T13350-2008

FIRE PERFORMANCE

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

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INDUSTRY INSULATION HIGH TEMPERATURE GLASS WOOL ROLL



INDUSTRY INSULATION
HIGH TEMPERATURE GLASS WOOL ROLL

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



FSK



Black Tissue

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- Natural inorganic material
- Class A fire resistance
- Great moisture resistance
- Excellent mod resistance, good chemical stability
- Aging resistance, and corrosion resistance

APPLICATIONS

- Thermal insulation used in electric power, chemical industry, light industry, petroleum, etc.



INDUSTRY INSULATION HIGH TEMPERATURE GLASS WOOL ROLL

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tel: +86 137 2266 8884
contact Sales Representative

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unitedinsulation.cn

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+86 316 5555 080

PRODUCT INFORMATION

United Insulation High-Temp industrial insulation glass wool blanket is high thermal conductivity, light weight, strong vibration resistance, high durability, and compressive cost-effective. It is designed for industrial duct high-temperature(up to 420°C) thermal insulation and facilities thermal insulation used in electric power, chemical industry, light industry, petroleum, and metallurgy, etc.

AVAILABLE FORMS

Flexible blanket and roll

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	R-Value (m ² ·K/W)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET HIBR 1250	12	50	1200	0.037	1.35	1	Loading Qty, Please consult
UET HIBR 1275	12	75	1200	0.037	2.02	1	
UET HIBR 12100	12	100	1200	0.037	2.70	1	
UET HIBR 12150	12	150	1200	0.037	4.00	1	
UET HIBR 12200	12	200	1200	0.035	5.50	1	
UET HIBR 1650	16	50	1200	0.035	1.42	1	
UET HIBR 1675	16	75	1200	0.035	2.14	1	
UET HIBR 16100	16	100	1200	0.035	2.85	1	
UET HIBR 2450	24	50	1200	0.033	1.50	1	
UET HIBR 2475	24	75	1200	0.033	2.25	1	
UET HIBR 24100	24	100	1200	0.033	3.00	1	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET HIBR 2450

Tested Content	Tested Method	Tested Value
Density	ASTM C612	24kgs/m ³
Thickness	GB/T 13350-2008	50mm
Average diameter of fibers	GB/T 13350-2008	6.8μm
Coefficient of Heat Conductivity	EN12667	0.035W/m·K
Thermal Resistance	ASTM C653	1.40m ² ·K/W
Average NRC	EN ISO 354	1.05
Maximum Service Temperature	ASTM C411	400°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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

AVAILABLE FACINGS

FSK, ASJ facing is available accordingly to project design.

PACKAGING

Glass wool roll is packed by vacuumed 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/T13350-2008
With CE Certificate according to standard EN 13162:2008

FIRE PERFORMANCE

Classified as Euroclass A1 to STN EN 13501-1: 2007

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UET UNITED INSULATION

INDUSTRY INSULATION HIGH TEMPERATURE GLASS WOOL BOARD



INDUSTRY INSULATION
HIGH TEMPERATURE GLASS WOOL BOARD

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



FSK



Black Tissue

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- Natural inorganic material
- Class A fire resistance
- Great moisture resistance
- Excellent mod resistance, good chemical stability
- Aging resistance, and corrosion resistance

APPLICATIONS

- Thermal insulation used in electric power, chemical industry, light industry, petroleum, etc.



INDUSTRY INSULATION HIGH TEMPERATURE GLASS WOOL BOARD

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PRODUCT INFORMATION

United Insulation High-Temp industrial insulation glass wool board is high thermal conductivity, light weight, strong vibration resistance, high durability, and compressive cost-effective. It is designed for industrial duct high-temperature (up to 420°C) thermal insulation and facilities thermal insulation used in electric power, chemical industry, light industry, petroleum, and metallurgy, etc.

AVAILABLE FORMS

Semi-Rigid Board and Rigid Board

AVAILABLE SIZE

Product Code	Density (kg/m ³)	Thickness (mm)	Width (mm)	Conductivity (W/m·K)	R-Value (m ² ·K/W)	Packing (pcs/PKG)	PKG/40'HQ (No#)
UET HISB 2450	24	50	600	0.037	1.35	9	Loading Qty, Please consult
UET HISB 2475	24	75	600	0.037	2.00	6	
UET HISB 24100	24	100	600	0.037	2.70	5	
UET HISB 3225	32	25	600	0.037	0.65	20	
UET HISB 3250	32	50	600	0.035	1.42	9	
UET HISB 3275	32	75	600	0.035	2.10	6	
UET HISB 32100	32	100	600	0.035	2.80	5	
UET HISB 4825	48	25	600	0.035	0.71	20	
UET HISB 4850	48	50	600	0.033	1.50	9	
UET HISB 4875	48	75	600	0.033	2.25	6	
UET HISB 48100	48	100	600	0.033	3.00	5	

Conductivity Value tested under temperature in 23°C

Consult your local sales representative for other available sizes and specification

PHYSICAL PROPERTIES OF UET HISB 3250

Tested Content	Tested Method	Tested Value
Density	ASTM C612	32kgs/m ³
Thickness	GB/T 13350-2008	50mm
Average diameter of fibers	GB/T 13350-2008	6.8μm
Coefficient of Heat Conductivity	EN12667	0.035W/m·K
Thermal Resistance	ASTM C653	1.42m ² ·K/W
Average NRC	EN ISO 354	1.05
Maximum Service Temperature	ASTM C411	400°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 ²
Non-Combustibility	ASTM E84	Flame Propagation: 25; Flame Diffusivity: 50

AVAILABLE FACINGS

FSK, ASJ facing is available accordingly to project design.

PACKAGING

Glass wool board is packed by vacuum 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/T13350-2008
With CE Certificate according to standard EN 13162:2008

FIRE PERFORMANCE

Classified as Euroclass A1 to STN EN 13501-1: 2007

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UET UNITED INSULATION

GLASS WOOL TUBE



GLASS WOOL TUBE

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



FSK



Vinyl



Kraft

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- High thermal insulation
- Fire safety
- Excellent mod resistance, good chemical stability
- Aging resistance, and corrosion resistance

APPLICATIONS

- Glass wool tube specifically designed for both hot and cold service piping systems operating at temperatures from -20°C up to 450°C . Suitable for refrigerated lines, hot water, steam and condensate lines, and commercial and industrial applications.



GLASS WOOL TUBE

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+86 316 5555 080

PRODUCT INFORMATION

United Insulation glass wool tubes are unfaced or faced with aluminium foil manufactured from glass wool of high density. They are used for the thermal insulation of industrial pipes, central heating and solar energy installations, for the insulation against freezing and condensation of the pipes and for vibration and sound insulation of the pressure water pipes as well.

AVAILABLE FORMS

Prefabricated Rigid Tube

AVAILABLE SIZE

Pipe O/D mm	Tube Wall Thickness (mm)										
	20	25	30	35	40	50	60	70	80	90	100
21-610	+	+	+	+	+	+	+	+	+	+	+
Length											
1 linear metre	+	+	+	+	+	+	+	+	+	+	+

PHYSICAL PROPERTY DATA of UET GWT 8050

Tested Content	Tested Value	Tested Method
Density	80kgs/m ³	GB/T 5480.3
Thickness	50mm	GB/T 5480.3
Thermal Conductivity (W/mK)		ASTM C 518 (C 177)
24°C	0.033	
38°C	0.035	
93°C	0.04	
149°C	0.049	
204°C	0.061	
260°C	0.074	
316°C	0.089	
Maximum Service Temperature	450°C	GB/T 17430, GB50264
Recommended Service Temperature	400°C	ASTM C411-05, ASTM C447-03, GB50264
Non-Combustibility		
Flame Diffusivity	50	ASTM E84-10
Flame Propagation:	25	ASTM E84-10
Fire Performance	Class A1	GB 8624, EN13501-1, BS 476 Part4
Water Vapor Sorption (% by Weight)	≤1%	ASTM C1104/1104M
Water Vapor Sorption (% by Volume)	≤1%	ASTM C1104/1104M
Water Repellency (option available)	>99%	GB/T 10299

AVAILABLE FACINGS

FSK, ASJ facing is available accordingly to project design.

PACKAGING

Glass wool tubes are packed by carton boxes

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/T13350-2008, GB/T 17430, ASTM D774, ASTM C411
With CE Certificate according to standard EN 13162:2008

FIRE PERFORMANCE

STN EN 13501-1: 2007, UL 723, ASTM E84

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Wear appropriate personal protective equipment.
Read SDS and literature before specification and insulation.

SPRAY LOOSE GLASS WOOL



SPRAY LOOSE GLASS WOOL

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

PRODUCT COLOR



Fiberglass



Fiberglass



Fiberglass

FEATURES AND BENEFITS

- High thermal performance
- Excellent acoustic performance
- Full fill of voids also for complex applications
- High Euroclass A1 level for fire resistance
- Few dust formation during and after installation

APPLICATIONS

- Blow loose glass wool is specifically designed for insulating hard-to-cover spaces, such as sloped ceilings, midfloors, open attic areas, floors and walls.



SPRAY LOOSE GLASS WOOL

ORDER SAMPLES/LITERATURE
info@unitedinsulation.cn
tel: +86 137 2266 8894
contact Sales Representative

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
unitedinsulation.cn

TECHNICAL SERVICES
+86 316 5555 080

PRODUCT INFORMATION

United Insulation blow wool is an unbonded, virgin fibrous glass blowing insulation designed for broad applications for new-built and retrofitting housing. It is produced as a loose-fill product to be blown with a dedicated blowing machine and installation accessories.

AVAILABLE FORMS

Loose Wool

PHYSICAL PROPERTY DATA

Property	Value
Thermal Conductivity	0.032W/m-K
Fire Hazard Properties	Ignitability: 0
	Spread of Flame: 0
	Evolved: 0
	Heat Smoke Developed: 1
Water Vapour Absorption	5% maximum by weight
Microbial Growth	No microbial growth

Consult your local sales representative for other available sizes and specification

PACKAGING

Blow loose glass Wool is compress packing in PE bags.

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

FIRE PERFORMANCE

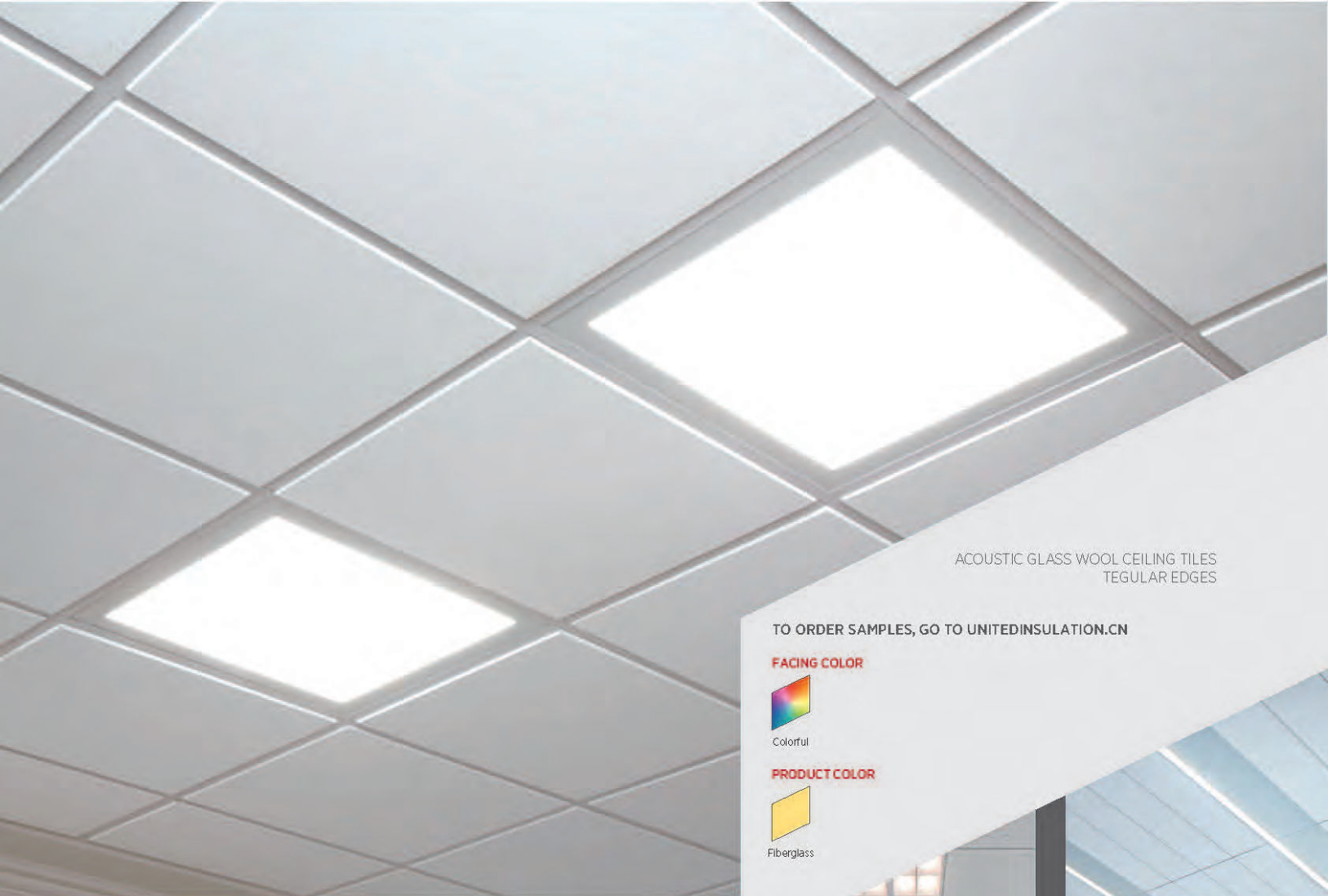
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ACOUSTIC GLASS WOOL CEILING TILES REGULAR EDGES



ACOUSTIC GLASS WOOL CEILING TILES
REGULAR EDGES

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



Colorful

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- Provide the best sound absorption (NRC) available to optimize acoustics on your project
- Fiberglass Ceilings are Class A fire-rated
- Resist the growth of mould and mildew
- In unique visuals like shapes and available in a broad range of textures, sizes and colours
- The tiles are manufactured from high density glass wool
- The visible surface is a high-quality batch of painted fiberglass tissue in white color and black color

APPLICATIONS

- Glass wool ceiling tile is one of the most effective solutions for a soundproof working environment. Perfect for offices, auditoriums, classrooms, restaurants and more commercial environments.



ACOUSTIC GLASS WOOL CEILING TILES REGULAR EDGES

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contact Sales Representative

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PRODUCT INFORMATION

UET acoustic glass wool ceiling tiles are manufactured from high density resin bonded fiberglass wool with fine texture painted fiberglass tissue facer, Lain tissue backer and sealed and painted edge. Main advantage of these ceiling tiles are excellent sound absorption, dimensionally stable under high temperature and humidity, remarkable thermal insulation property and energy saving material.

AVAILABLE FORMS

Square or Rectangle Shapes Rigid Panel

DEGE FORMS

Square Tegular, Square Tegular Narrow, Angled Tegular. The edges are facing color painted

MATERIALS

Glass Wool (Fiberglass Wool)

PHYSICAL PROPERTY DATA

Edge	Ceiling Size	Fire Rating	Code No#	NRC	LR	Color	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content	Ceiling Cost
Tegular Edges	600X600X15	Class A	T-W 9615	0.95	0.9	White	Low	Perfect	0.45%	\$
	600X1200X15	Class A	T-W 9615L	0.95	0.9	White	Low	Perfect	0.45%	\$
	600X600X20	Class A	T-W 9620	1.00	0.9	White	Low	Perfect	0.45%	\$\$
	600X1200X20	Class A	T-W 9620L	1.00	0.9	White	Low	Perfect	0.45%	\$\$
	600X600X25	Class A	T-W9625	1.00	0.9	White	Low	Perfect	0.45%	\$\$\$
	600X1200X25	Class A	T-W9625L	1.00	0.9	White	Low	Perfect	0.45%	\$\$\$
	600X600X20	Class A	T-B9620	1.00		Black	Low	Perfect	0.45%	\$\$\$
	600X1200X20	Class A	T-B9620L	1.00		Black	Low	Perfect	0.45%	\$\$\$
	600X600X25	Class A	T-B9625	1.00		Black	Low	Perfect	0.45%	\$\$\$
600X1200X25	Class A	T-B9625L	1.00		Black	Low	Perfect	0.45%	\$\$\$	

AVAILABLE FACINGS

Flat white and black painted texture facing

PACKAGING

All glass wool ceiling tiles, wall panels, baffles and clouds, are packed by carton boxes

STORAGE AND TRANSPORT

Store 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

FIRE PERFORMANCE

Class A, STN EN 13501-1: 2007
Flame Spread <25, Smoke Developed <50, According to UL 723, ASTM E84

WARRANTY YEARS

32 years

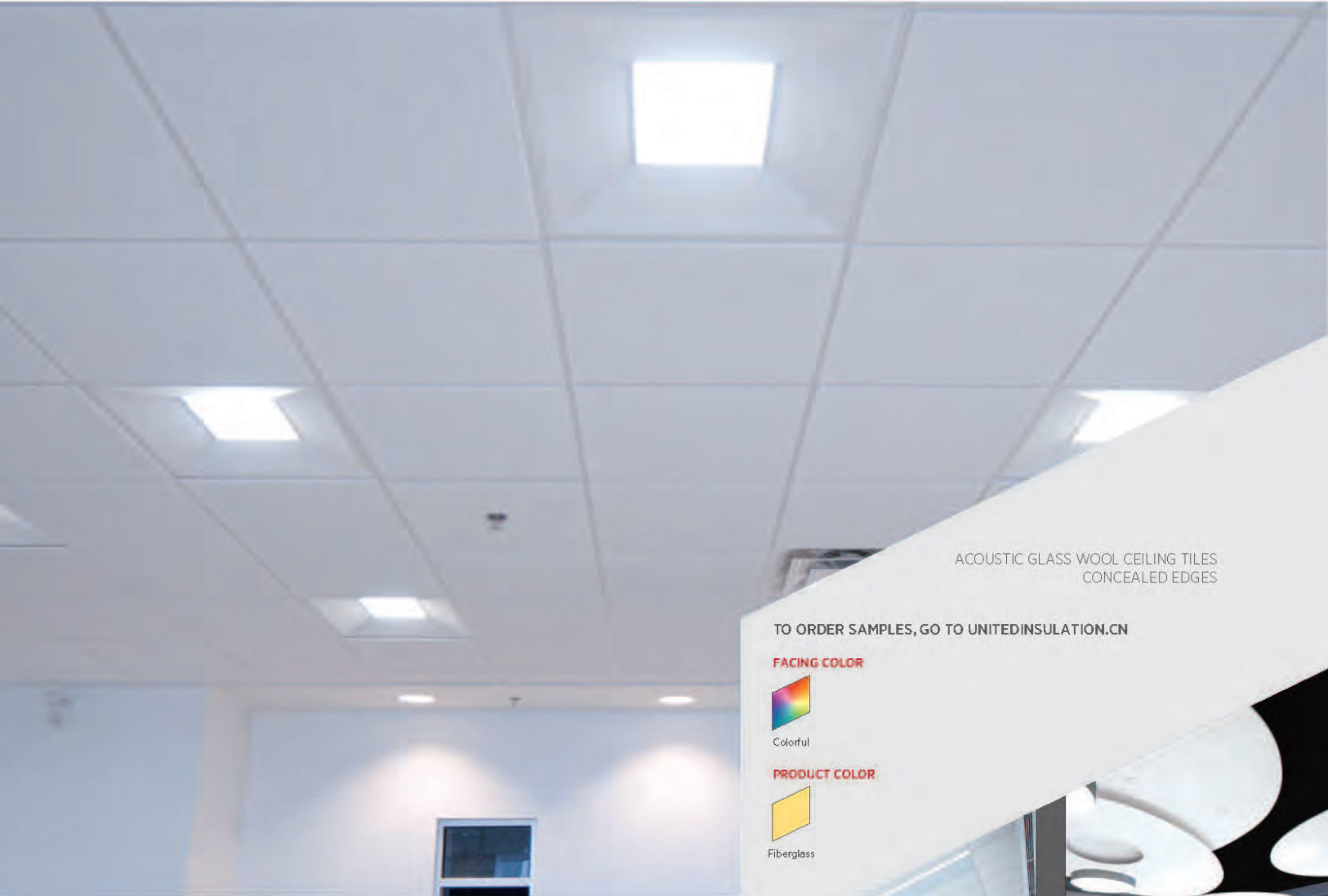
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UET UNITED INSULATION

ACOUSTIC GLASS WOOL CEILING TILES CONCEALED EDGES



ACOUSTIC GLASS WOOL CEILING TILES
CONCEALED EDGES

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



Colorful

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- Provide the best sound absorption (NRC) available to optimize acoustics on your project
- Fiberglass Ceilings are Class A fire-rated
- Inherently resist the growth of mould and mildew
- In unique visuals like shapes and available in a broad range of textures, sizes and colours
- The tiles are manufactured from high density glass wool
- The visible surface is a high-quality batch of painted fiberglass tissue in white color and black color
- The edges are facing color painted

APPLICATIONS

- Glass wool ceiling tile is one of the most effective solutions for a soundproof working environment. Perfect for offices, auditoriums, classrooms, restaurants and more commercial environments.



ACOUSTIC GLASS WOOL CEILING TILES CONCEALED EDGES

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PRODUCT INFORMATION

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AVAILABLE FORMS

Square or Rectangle Shapes Rigid Panel

DEGE FORMS

Concealed Edges or Semi-Concealed Edges. The edges are facing color painted

MATERIALS

Glass Wool (Fiberglass Wool)

PHYSICAL PROPERTY DATA

Edge	Ceiling Size	Fire Rating	Code No#	NRC	LR	Color	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content	Ceiling Cost
Concealed & Edges	600X600X15	Class A	C-W 9615	0.95	0.9	White	Low	Perfect	0.45%	\$
	600X1200X15	Class A	C-W 9615L	0.95	0.9	White	Low	Perfect	0.45%	\$
	600X600X20	Class A	C-W 9620	1.00	0.9	White	Low	Perfect	0.45%	\$\$
	600X1200X20	Class A	C-W 9620L	1.00	0.9	White	Low	Perfect	0.45%	\$\$
	600X600X25	Class A	C-W 9625	1.00	0.9	White	Low	Perfect	0.45%	\$\$\$
	600X1200X25	Class A	C-W 9625L	1.00	0.9	White	Low	Perfect	0.45%	\$\$\$
	600X600X20	Class A	C-B 9620	1.00		Black	Low	Perfect	0.45%	\$\$\$
	600X1200X20	Class A	C-B 9620L	1.00		Black	Low	Perfect	0.45%	\$\$\$
	600X600X25	Class A	C-B 9625	1.00		Black	Low	Perfect	0.45%	\$\$\$
	600X1200X25	Class A	C-B 9625L	1.00		Black	Low	Perfect	0.45%	\$\$\$

AVAILABLE FACINGS

Flat white and black painted texture facing

PACKAGING

All glass wool ceiling tiles, wall panels, baffles and clouds, are packed by carton boxes

STORAGE AND TRANSPORT

Store 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

FIRE PERFORMANCE

Class A, STN EN 13501-1: 2007
Flame Spread <25, Smoke Developed <50, According to UL 723, ASTM E84

WARRANTY YEARS

32 years

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UET UNITED INSULATION

ACOUSTIC GLASS WOOL CEILING BAFFLES AND CLOUDS



ACOUSTIC GLASS WOOL CEILING
BAFFLES AND CLOUDS

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



Colorful

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- Provide the best sound absorption (NRC) available to optimize acoustics on your project
- Fiberglass Ceilings are Class A fire-rated
- Inherently resist the growth of mould and mildew
- In unique visuals like shapes and available in a broad range of textures, sizes and colours
- The tiles are manufactured from high density glass wool
- The visible surface is a high-quality batch of painted fiberglass tissue in white color and black color
- The edges are facing color painted

APPLICATIONS

- Glass wool ceiling baffles and clouds are the most effective solutions for a soundproof working environment. Perfect for offices, auditoriums, classrooms, restaurants and more commercial environments.



ACOUSTIC GLASS WOOL CEILING BAFFLES AND CLOUDS

ORDER SAMPLES/LITERATURE
info@unitedinsulation.cn
tel: +86 137 2266 8684
contact Sales Representative

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
unitedinsulation.cn

TECHNICAL SERVICES
+86 316 5555 080

PRODUCT INFORMATION

UET acoustic glass wool ceiling baffles and clouds are manufactured from high density resin bonded fiberglass wool with fine texture painted fiberglass tissue facer, plain tissue backer and sealed and painted edge. Panels are in a range of indefinite and customizable shapes. Different sizes make it possible to allow you to create "your own sky". Main advantage of these ceiling tiles are excellent sound absorption, dimensionally stable under high temperature and humidity, remarkable thermal insulation property and energy saving material.

AVAILABLE FORMS

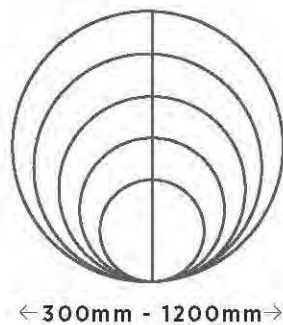
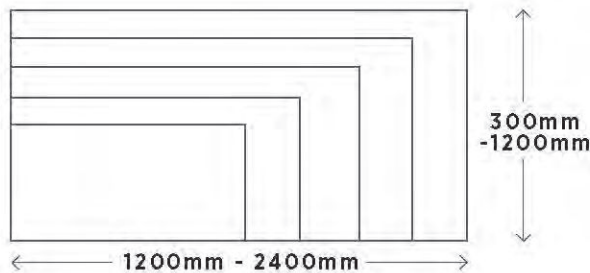
Rectangle, Circle, Pentagon, Hexagon, Diamond, Cloud, or Star shapes Rigid Panel

EDGE FORMS

Square or Radius Edges

MATERIALS

Glass Wool (Fiberglass Wool)



AVAILABLE FACINGS

Colors painted texture facing

PACKAGING

All glass wool ceiling tiles, wall panels, baffles and clouds, are packed by carton boxes.

STORAGE AND TRANSPORT

Store 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

FIRE PERFORMANCE

Class A, STN EN 13501-1: 2007
Flame Spread <25, Smoke Developed <50, According to UL 723, ASTM E84

WARRANTY YEARS

32 years

Notice
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Wear appropriate personal protective equipment.
Read SDS and literature before specification and insulation.

UET UNITED INSULATION

ACOUSTIC GLASS WOOL WALL PANEL



ACOUSTIC GLASS WOOL WALL PANEL

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



Colorful

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- Provide the best sound absorption (NRC) available to optimize acoustics on your project
- Fiberglass Ceilings are Class A fire-rated
- Inherently resist the growth of mould and mildew
- In unique visuals like shapes and available in a broad range of textures, sizes and colours
- The tiles are manufactured from high density glass wool
- The visible surface is a high-quality batch of painted fiberglass tissue in white color and black color
- The edges are facing color painted

APPLICATIONS

- Wall panels are used to reduce reverberant noise levels in buildings such as studios, lecture theatres, music rooms, offices, boardrooms, sports and community halls, classrooms, cinemas, interview rooms and other applications.



ACOUSTIC GLASS WOOL WALL PANEL

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PRODUCT INFORMATION

UET acoustic glass wool wall panels are glass wool based-panels pre-decorated. They are manufactured from high density resin bonded fiberglass wool with a wide range of standard fabric colours facing, plain tissue backer and sealed and painted edge. Main advantage of these wall panels are excellent sound absorption, dimensionally stable under high temperature and humidity, remarkable thermal insulation property and energy saving material.

AVAILABLE FORMS

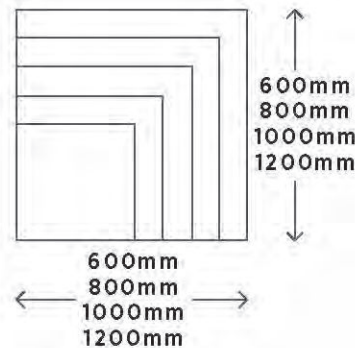
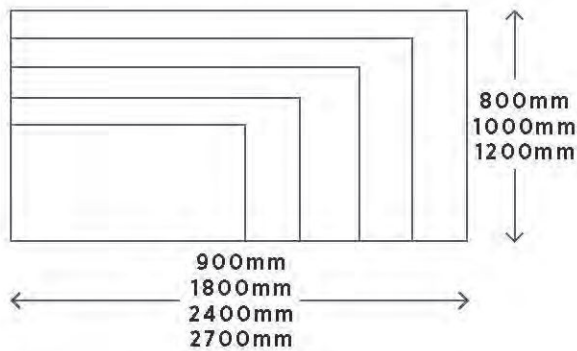
Rectangle, Square or Hexagon Shapes Rigid Panel

DEGE FORMS

Square Edges or Angled Edges

MATERIALS

Glass Wool (Fiberglass Wool)



AVAILABLE FACINGS

Wide range of standard fabric colours facing

PACKAGING

All glass wool ceiling tiles, wall panels, baffles and clouds, are packed by carton boxes

STORAGE AND TRANSPORT

Store 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

FIRE PERFORMANCE

Class A, STN EN 13501-1: 2007
Flame Spread <25, Smoke Developed <50, According to UL 723, ASTM E84

WARRANTY YEARS

32 years

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CUSTOM SIZES AND SHAPES



CUSTOM SIZES AND SHAPES

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

FACING COLOR



Colorful

PRODUCT COLOR



Fiberglass

FEATURES AND BENEFITS

- Provide the best sound absorption (NRC) available to optimize acoustics on your project
- Fiberglass Ceilings are Class A fire-rated
- Inherently resist the growth of mould and mildew
- In unique visuals like shapes and available in a broad range of textures, sizes and colours
- The tiles are manufactured from high density glass wool
- The visible surface is a high-quality batch of painted fiberglass tissue in white color and black color
- The edges are facing color painted

APPLICATIONS

- Fiberglass ceiling tile is one of the most effective solutions for a soundproof working environment. Perfect for offices, auditoriums, classrooms, restaurants and more commercial environments.



CUSTOM SIZES AND SHAPES

ORDER SAMPLES/LITERATURE
info@unitedinsulation.cn
tel: +86 137 2266 8894
contact Sales Representative

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PRODUCT INFORMATION

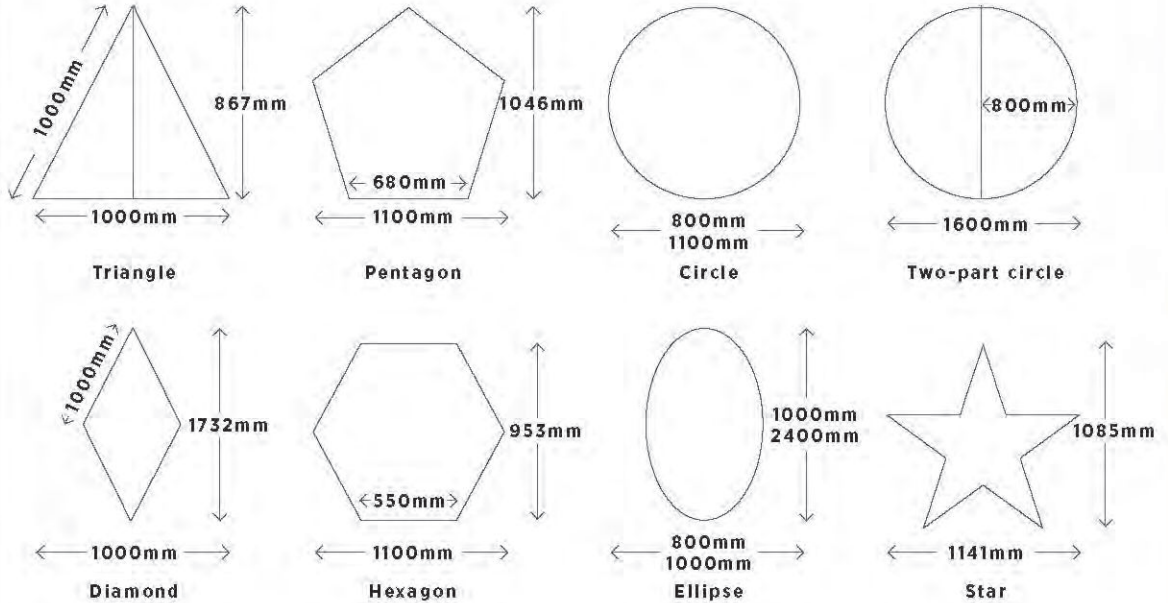
UET ceiling tiles and wall panels are manufactured from high density resin bonded fiberglass wool with fine texture painted glass tissue facer, plain tissue backer and sealed and painted edge. Main advantage is excellent sound absorption, dimensionally stable under high temperature and humidity, remarkable thermal insulation property and energy saving material.

AVAILABLE FORMS

Custom sizes and shapes

MATERIALS

Glass Wool (Fiberglass Wool)



AVAILABLE FACINGS

Wide range of standard fabric colours facing

PACKAGING

All glass wool ceiling tiles, wall panels, baffles and clouds, are packed by carton boxes

STORAGE AND TRANSPORT

Store 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

FIRE PERFORMANCE

Class A, STN EN 13501-1: 2007
Flame Spread <25, Smoke Developed <50, According to UL 723, ASTM E84

WARRANTY YEARS

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UET UNITED INSULATION

VAPOR BARRIER AND FACING MPET-SCRIM-KRAFT FOIL



VAPOR BARRIER AND FACING
MPET-SCRIM-KRAFT FOIL

TO ORDER SAMPLES, GO TO UNITEDINSULATION.CN

PRODUCT COLOR



FEATURES AND BENEFITS

- Improve the energy efficiency of the building
- High puncture and tear resistance ensures long life and durability
- Flexible backing conforms well to curved or irregular surfaces
- Provide thermal efficiency
- Easy to install on site without special tools or application methods

APPLICATIONS

- Vapor Retarder for Thermal Insulation



VAPOR BARRIER AND FACING MPET-SCRIM-KRAFT FOIL

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PRODUCT INFORMATION

MPET foil is made by Metallized PET film, it is plastic film which are only evaporated with aluminium powder in a high vacuum. The films produced this way obtain a metallic shine and thereby achieve a special optical effect. MPET-Scrim-Kraft Foil is less gas-tight than "real" aluminum foil, but more tear resistant, more flexible and lighter. Also, they are less sensitive to corrosion and not as wrinkle-prone as pure aluminium foil.

AVAILABLE FORMS

Log roll and Jumbo roll

CORE I.D

76mm

FACING COMPOSITION

Foil/Scrim/Kraft

METALLIZED PET FILM

12 microns

TRI-WAY FIBERGLASS SCRIM

M.D 8/100mm X.D 12/100mm

ADHENSIVE

Dow Latex

KRAFT

50gsm

PHYSICAL PROPERTIES

Properties	Unit	Value	Test Method	AVAILABLE SIZE	
				Width (meters)	Length (meters)
Basic Weight	gsm	80	Scale	1.20	300
Tensile Strength M.D	N/25mm	155	ASTM C1136	1.25	500
Tensile Strength X.D	N/25mm	60	ASTM C1136	1.30	1600
Burst Strength	N/cm ²	35	ASTM D774	1.35	2750
Reflectivity of foil surface	%	95			3300
Low Temperature Resistance	-40°C	No Delamination	ASTM D1790		3500
High Temperature Resistance	80°C	No Delamination	ASTM D1790		

Physical Properties based upon statistical averages, Weight / Thickness +/- 10%
Consult your local sales representative for other available sizes

PACKAGING

Product is packed by roll. Inner is carton core, Outside packing is woven fabric.

STORAGE AND TRANSPORT

Store product indoors. Store product under cover and in dry conditions. Product will be damaged if subject to sharp or heavy impact.

QUALITY MANAGEMENT AND SPECIFICATION COMPLIANCE

ISO 9001: 2008, ISO 14001:2004
ASTM C1136, ASTM D774, ASTM D1790

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