



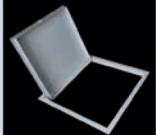
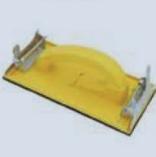
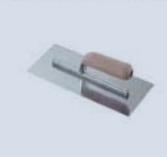
DRYWALL AND ACCESSORIES

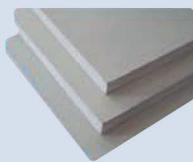
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ACCESSORIES AND TOOLS



ACCESSORIES AND TOOLS





STANDARD GYPSUM BOARD

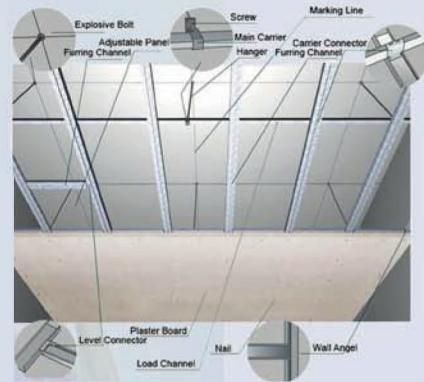
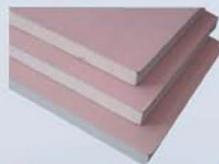
With white gypsum board paper faced, high-grade natural gypsum powder as main material

Applications:
It can be widely used in housing, hotel, theater, school and hospital etc.

FIREPROOF GYPSUM BOARD

With pink gypsum board paper faced, high fiber reinforced materials and fireproof additive as core materials, which extremely improve the fireproof capacity of the plasterboard

Applications:
It can be widely used in high fireproof requirement environment, such as hotel, hospital, school, house and factory etc.



WATERPROOF GYPSUM BOARD

With green gypsum board paper faced, high fiber reinforced materials and hydrophobic adsorbent as core materials, which extremely improve the waterproof capacity of the plasterboard

Applications:
It can be widely used in strong humidity environment, such as kitchen, bathroom, washroom and inner garage etc.

GYPSUM BOARD

SPECIFICATION

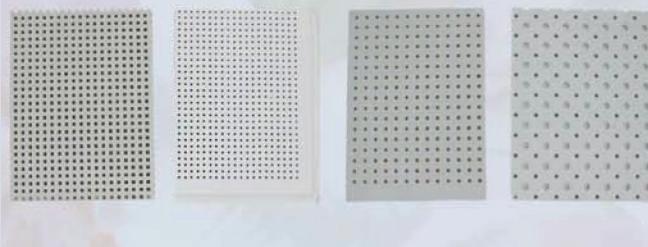
LENGTH(MM)	WIDTH(MM)	THICKNESS(MM)	EDGE
3000	1200	9.5 12 15	
2400	1200	9.5 12 15	
2440	1220	9.5 12 15	Regular&Square

Thickness: 6.4-25mm; width: 1200-1250mm; length: 1500-4200mm.
Both Metric and Imperial systems are accepted.

TECHNICAL DATA

ITEM	STANDARD	TEST VALUE
Rupture Load(N)	Thickness 9.5mm Vertical	>360
	Horizontal	>140
Dimension Difference(mm)	Thickness 12mm Vertical	>500
	Horizontal	>180
Length	- 6-0	- 0.1-0
Width	- 5-0	0
Thickness 9.5mm	±0.5	- 0.1-0
Thickness 12mm	±0.6	- 0.1-0
The Stability of Meeting Fire (For Fireproof Gypsum Board)	Not Less Than 20min	>20min
Cater-corner Length Difference(mm)	<5	0-1
Inner Irradiation Ratio	I _{in} <1.0	I _{in} <1.0
Outer Radiation Ratio	I _o <1.3	I _o <0.1
Weight per unit(kg/m ²) (thickness 9.5)	<9.5	7.7

PERFORATED GYPSUM BOARD



DRYWALL SYSTEM

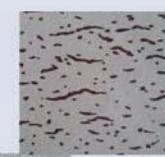


PVC GYPSUM CEILING TILES

PVC gypsum ceiling tiles is made of high quality paper-faced gypsum board with a layer of pvc on surface and aluminum foil on its back. It is a kind of environmental friendly, light weight, high quality, fireproof, waterproof and corrosion-resistant decorative ceiling board.

APPLICATION

It can be widely used in high fireproof and waterproof requirement environment, such as hotel, hospital, school, house and factory etc.



SPECIFICATION

LENGTH(MM)	WIDTH(MM)	THICKNESS(MM)	EDGE
595	595 1195		
600	600 1200		
603	603 1206		
605	605 1210		Covered/Non-covered

Thickness: 7.0-12mm;
Both Metric and Imperial systems are accepted.

PVC GYPSUM CEILING TILES

TECHNICAL DATA

Materials	Gypsum Board
Surface	PVC & Aluminum Foil
Allow Dimension Difference	Length $\leq \pm 2.0\text{mm}$
Weight kg/m ²	Width $\leq \pm 2.0\text{mm}$
	Thickness $\leq \pm 0.5\text{mm}$
	< 6.5kg/m ²
Strength	Break Load > 150N
Containing Water Rate	<1%
Fireproof Class	Class B1 Meet The Standard:GB8624-1997
Moisture Requirement	Under 90%

LOADING



INSTALLATION



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DESCRIPTION

The raw materials of fiber cement board are cellulose fiber, silicate cement, quartz sand, water and some additives. It's a kind of high-tech product which formed through accurate dosing by computer program, hatchet craft and compressed by 14000tons hydraulic machine and autoclaved under high temperature and pressure.



SPECIFICATION

Thickness: 3.5-30mm
Standard size: 1220*2400mm; 1200*2400mm
Remark: Other specification is available.

APPLICATION

1. Interior and exterior wall, furred ceiling
2. Insulation materials, floor, Road barrier
3. Sound-absorbing wall & suspended ceiling

FEATURE

It's 100% free of asbestos, formaldehyde, benzene and other harmful substances and with excellent performance like high strength, large size, light weight, fire and water proofing, green and environmental friendly, high efficient and energy-saving. Therefore, this kind of new material is vigorously developed and recommended.

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FIBER CEMENT BOARD

A.MODERATE-COMPRESSED BOARD

INDEX		TEST RESULT
Density(g/cm ³)		1.44
Water absorption(%)		28
Wet expansion(%)		0.17
Incombustibility		Incombustible Class A
Water penetration		No water drop on the board surface after 24 hours
Modulus of Rupture	Air dried condition	14
	Saturated condition	10
Frost resistant		No delamination and crack after 25 cycles under freezing and thawing
Radioactivity		Decorative materials Class A
Asbestos		100% free of asbestos

B.MIDDLE DENSITY FIBER CEMENT BOARD

INCOMBUSTIBILITY		INCOMBUSTIBLE CLASS A1
Water penetration		Back side without water drop after 24 hours
Modulus of rupture	Air dried condition	>12
	Saturated condition	>8
Radioactivity		Decorative materials Class A
Asbestos		100% free of asbestos

C.HIGH DENSITY FIBER CEMENT BOARD

PERFORMANCE INDEX		STANDARD INDEX	TEST RESULT
Density(g/cm ³)		1.4<DC<1.7	1.64
Water absorption(%)		<25	17.8
Wet expansion(%)		<0.23	0.15
Incombustibility		Incombustible Class A1	
Water penetration		Back side without water drop after 24 hours	
Modulus of rupture	Air dried condition	>18	20.1
	Saturated condition	>14	15
Frost resistance		No layers and no cracks after 25 cycles under freezing and thawing	
Radioactivity		Decorative materials Class A	
Asbestos		100% free of asbestos	



DESCRIPTION

Light weight cement sandwich Panel is a kind of light weight energy saving wall material taking calcium silicate board/fiber cement board as face panel, cement, EPS, fly ash as core and forming by one time compound.

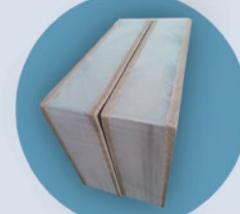
SPECIFICATION

LIGHT WEIGHT CEMENT SANDWICH PANEL

THICKNESS	LENGTH	WIDTH	REFERENCE WEIGHT(KG/M)	PRODUCT ALLOW TOLERANCE(KG/M)
50mm			40±5	
75mm			50±5	
100mm	2270mm 2440mm	610mm	60±5	
125mm			67±5	Length±5 Width±2 Thickness±1 Flatness±1
150mm			85±5	

APPLICATION

Interior and exterior partition on steel or concrete structure building,for new construction, additions or renovations. It can widely be applied to wall materials of various high and low buildings. Such as: bank, office building, hospital, school, hotel, shopping mall, amusement hall, old house reconstruction, residence and workshop.



CEMENT SANDWICH PANEL(XPS)

CEMENT SANDWICH PANEL(EPS)

CALCIUM SILICATE BOARD

TECHNICAL DATA

INSPECTION ITEM	D1.0 INSPECTION STANDARD	INSPECTION VALUE	
Appearance	Permit bubble and sag that does not affect the use	Pass	
Density	0.9<ρ<1.2	1.16	
Length	±5	-1	
Width	±4	-1	
Thickness	E≤12 E>12	±0.4 ±0.8	-0.1 0.2
Lead Heat Coefficient	<0.29	0.12	
Moisture Rate	<10	3.1	
Incombustibility A Class	Aven.Temp.°C Time S Quality Loss%	<50 <20 <50	10 0 12
Fold-proof Mpa Not Less Than	E≤12 E>12	9 6	10.8 10



Calcium Silicate Board main components are silicon, calcium and reinforced fiber. It is an extremely durable building material, providing a solid and dry foundation that can withstand harsh climates including high winds, rain and snow. It is available for indoor ceiling and outdoor walls.

FEATURE

- Water resistant - no swelling or loss of stability
- Resistant to moisture and weathering
- Freeze-thaw cycle proven
- Impact resistant
- Safe and hygienic material
- Non-combustible

SPECIFICATION

Size: 2400*1220mm 600* 600mm
Thickness: 5mm 6mm 8mm 10mm 12mm 15mm 18mm

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DESCRIPTION

It is made from MgO, MgCl₂, fiberglass mesh, sawdust, perlite etc., using highly purified active MgO as the main fireproof material of board, high-quality MgCl₂ as the main cementing material to solidify other materials, alkali-resistance fiberglass mesh to ensure the high strength of board, soft sawdust and light non-combustible perlite as filling materials.



TECHNICAL DATA

Density	0.95g/cm ³
Bending strength	15.599N
Typical moisture content	6%
Drying shrinkage	0.24%
Moisture movement	0.35%
Impact strength	0.26J/m ²
Pull out force of screw	37.5N/mm
Non combustible performance	According to GB8624-1997, Combustibility is A1 Class
Fire rating limited	6mm: > 2 hours; 12mm: > 4 Hours.
Thermal coefficient	(0.159W/mK)



FEATURE

1. Fireproof

It was tested by the National Center for Quality Supervision and Testing of Fire Building Materials (NFTC). Its fireproof level is rated level A (nonflammable level).

2. Dam proof

It is excellent in moisture-resistance. Dry bending strength is 15MPa. Bending strength under absorbed moisture is 22MPa.

3. Heat insulation

It has heat prevention material incorporated, it has great feature of heat prevention. Thermal resistance is 1.14m²k/W.

4. Soundproof

It is proved to have good noise insulation property after inspected by the National Center for Quality Supervision and Testing of Fire Building Materials (NFTC), The noise insulation factor of the wall can reach 44dB and 47dB. It has the best noise insulation constitution in China, especially the 95mm wall comprised by the 10mm board. It is light, it can save time, space, weight and expense. It is a new and high efficient wall.

5. Compact resistance

It is a light board. Its density is less than 1.0×1.03kg/m³. At the same time its bending strength and impact resistance is excellent. Also, it will maintain its' quality during construction.

SPECIFICATION

- Size: 1200*2400mm 1220*2440mm 1200*3000mm
- Thickness: 3mm to 20mm
- Other specification is available.

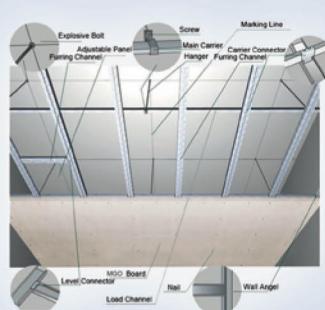
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MGO BOARD



DRYWALL SYSTEM



CEILING SYSTEM

GAP AND SURFACE TREATMENT FOR MGO BOARD

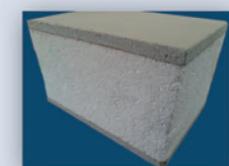
- The two boards joint gap should not put in the same steel channel. It needs two boards for both wall sides, the joint board gap should not be at the same steel channel, and they should miss the joint board gap for both wall sides.
- It should be left 3mm space for two boards joint
- A. Clean the gap;
- B. Put the joint materials in the gap, press and make it solid and strong and it is better to use soft joint materials;
- C. Put the mesh tape on two boards connection place;
- D. Put a layer of wall putter on mesh tape;
- E. Put the joint paper tape on a layer of wall putty;
- F. Make it as plane.
- The boards should be clean and dry before painting.
- Painting.
- Put the wall putty and make it plane on surface.

DESCRIPTION

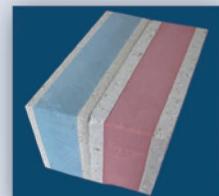
MGO SIP (Magnesium Oxide Structural Insulated Panel) is a composite building material. They consist of a sandwich of two layers of structural board with insulating foam in between. Panel skins are mag oxide boards. Insulation core can be Expanded Polystyrene (EPS), Extruded Polystyrene (XPS).

SPECIFICATION

- MGO board thickness: 3-20mm
- EPS core thickness: 20-250mm
- XPS core thickness: 50-120mm
- Max width: 1220mm & Max length: 3660mm
- Connection can be Tongue & Groove, Cam lock, two or four sides closed
- Other patterns is available
- Color of EPS: White; Color of XPS: Green or Pink



MGO Sandwich panel(EPS)



MGO Sandwich Panel(XPS)

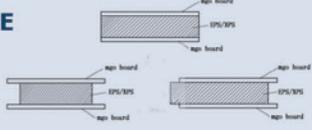
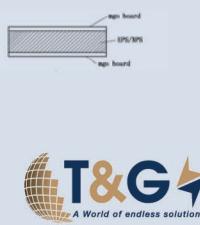
FEATURE

- Energy-saving, light weight and environment-friendly
- Space saving, Best hanging force
- Waterproof, damp proof, Fireproof, Sound insulation
- Anti-seismic and impact resistance
- Largest Span and height thin webbed wall
- Most civilized, healthy and high efficient construction material

APPLICATION

- Interior and exterior wall partition on steel or concrete structure building
- It can replace construction materials such as red brick, air brick, color-coated steel sandwich board, gypsum block, wire spatial grid structure perlite board, perlite porous board and etc.
- It can widely be applied to wall materials of various high and low buildings such as bank, office building, hospital, school, hotel, mall, amusement, old house reconstruction, residence and workshop.

STRUCTURE



TECHNICAL DATA

ITEM		STANDARD	TEST RESULT
Dimension Difference	Length	$\pm 0.5\text{mm}$	0mm
	Width		0mm
	Thickness		-0.08mm~0.01mm
	Right-Angle Deviation	$<1/1000$	$<0.8/1000$
Density	$<500\text{kg/m}^3$		380kg/m^3
Moisture Rate	$<3.0\%$		$<0.8\%$
Thermal Resistance	$>0.19(\text{m}^2 \cdot \text{K})/\text{W}$		$>0.23(\text{m}^2 \cdot \text{K})/\text{W}$
Flammability	Grade B1		Grade A
Noise Reduction Coefficient	>0.45		0.5~0.65
Moisture Deflection	$<3.5\text{mm}$		$<2\text{mm}$
Limit of Formaldehyde Emission	$<1.5\text{mg/L}$		$<0.3\text{mg/L}$
Radioactivity	Internal irradiation index <1.0		<0.3
	External Irradiation Index <1.3		<0.4
Asbestos Inside	Without asbestos fiber		No asbestos

PRODUCT PATTERNS



MATERIAL COMPOSITION

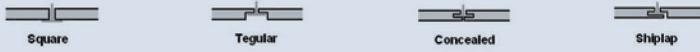
- Excellent slag as main raw material, without asbestos, harmless to the human.
- Perlite for filling materials, heat insulation and sound absorption
- Adding rare earths inorganic composite materials produces the negative oxygen ion, purified and disinfected the air, be good for circulatory system and respiratory system, so it is called 'Green Forest' in the air
- Recycled and environment friendly.

FEATURE

- High light reflectance
- Sound absorption and noise reduction
- Fire-protection
- Damp-proof
- Safe and environment friendly
- Non-asbestos

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PRODUCT EDGE



APPLICATION

T&G acoustic mineral fiber board is available for indoor suspended ceiling, such as school, office, hospital, sports center, restaurant, hotel so on so forth. It works well at improving indoor environment and reduction noise.

SPECIFICATION

Size(mm): 600*300/600 595*595 /1195 603*603/1206 610*610/1210
Thickness: 7mm 8mm 10mm 12mm 13mm 14mm 15mm 16mm 18mm

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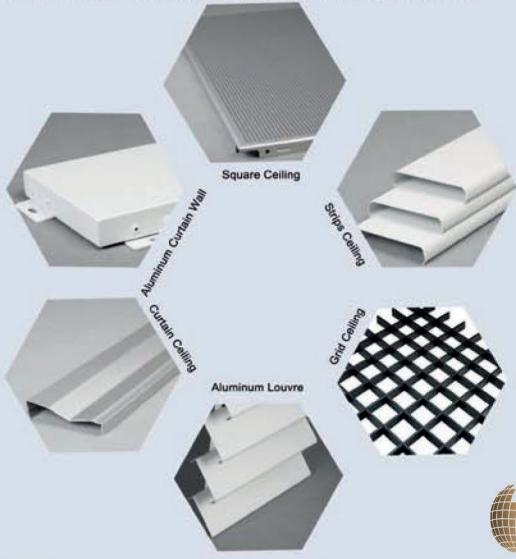
ALUMINUM CEILING

T&G offer all kinds of aluminum ceiling with special accessories, which makes sure the easily and safely installation. They are popular to use at office, railway, station, store airport and other large areas.



FEATURE

- Practical: High reflection and refraction against the light
- Durable: Hard surface and scratch resistant
- Beautiful: Mirror or matte effect with beautiful looking
- Durable: Strong resistant performance against static electricity
- Healthy: Shield the radiation of electromagnetic wave for healthy
- Sustained: Uniform color against fade
- Relieved: Anodic oxidation surface treatment with never discolored



CEILING T-GRID

T&G ceiling t-grid is made from hot dipped galvanized steel, pressed to T shape after cooling, baked paint on surface finish.

SPECIFICATION

INSPECTION ITEM	UNIT	NATIONAL STANDARD	TEST RESULT
Appearance	—	No damage	No
Hole Distance	mm	± 0.1	±0.1
Difference of Gageless Wire Thickness	mm	± 0.04	±0.03
Difference of Bending Rant Thickness	mm	± 0.04	±0.03
Width Difference	mm	± 0.3	±0.1-±0.3
Length Difference	mm	± 1.0	±0.4-±1.0
Underline Straight Limitation	mm/1000mm	<1.3	0.5
Galvanized Thickness	μm	>24	38
Load Bending Limitation	mm	<2.8	2

WALL ANGLE



PLANE CEILING T-GRID

NARROW PLATE 32 (WHITE/BLACK) SPECIFICATION(MM)		ILLUSTRATION		NARROW NOTCH 32 (WHITE/BLACK) SPECIFICATION(MM)		ILLUSTRATION	
Han Tie	32*4*3000			Han Tie	32*4*3000		
Cross Tie	32*4*400			Cross Tie	32*4*400		
Wall Angle	20*2*3000			Wall Angle	20*2*3000		
NARROW PLATE 38 (WHITE/BLACK) SPECIFICATION(MM)		ILLUSTRATION		NARROW NOTCH 38 (WHITE/BLACK) SPECIFICATION(MM)		ILLUSTRATION	
Han Tie	38*4*3000			Han Tie	38*4*3000		
Cross Tie	38*4*400			Cross Tie	38*4*400		
Wall Angle	20*2*3000			Wall Angle	20*2*3000		
WIDE PLATE 32 (WHITE/BLACK) SPECIFICATION(MM)		ILLUSTRATION		WIDE NOTCH 32 (WHITE/BLACK) SPECIFICATION(MM)		ILLUSTRATION	
Han Tie	32*4*3000			Han Tie	32*4*3000		
Cross Tie	32*4*400			Cross Tie	32*4*400		
Wall Angle	22*2*3000			Wall Angle	22*2*3000		
WIDE PLATE 38 (WHITE/BLACK) SPECIFICATION(MM)		ILLUSTRATION		WIDE NOTCH 38 (WHITE/BLACK) SPECIFICATION(MM)		ILLUSTRATION	
Han Tie	38*4*3000			Han Tie	38*4*3000		
Cross Tie	38*4*400			Cross Tie	38*4*400		
Wall Angle	22*2*3000			Wall Angle	22*2*3000		

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CEILING T-GRID



SOLID NOTCH CEILING T-GRID

SOLID NOTCH 32	SPECIFICATION(MM)	ILLUSTRATION
Main Keel	32*16*3000	
Cross Tee	32*16*600	
	32*16*1200	
Wall Angle	20*15*3000	

SOLID NOTCH 38	SPECIFICATION(MM)	ILLUSTRATION
Main Keel	38*16*3000	
Cross Tee	38*16*600	
	38*16*1200	
Wall Angle	20*15*3000	

FEATURE

- High grade galvanized steel as main material, non-deforming, fadeless, moisture proof and anti-corrosive.
- Strong close fitting, high symmetry
- High load capacity
- Easy and fast installation, save installing time and labor cost
- Large production line and strict product inspection, larger quantity and better quality are available



CEILING CHANNEL

ITEM	SIZE(MM)	THICKNESS(MM)
Load Channel	38*12	0.35-1.2
	50*15	
	60*27	
	50*19	
Furring Channel	60*27	
Wall Angle	20*20*30	

(*) Remark: Special size is available.

DESCRIPTION

Steel channel is made from hot cold-rolled galvanized steel, and we adopt advanced process and technology to produce it. OEM is accepted for special specification.

APPLICATION

Ceiling and drywall system, such as hotel, school, hospital, bank, office building, shopping mall, amusement hall, and workshop.

DRYWALL CHANNEL

ITEM	SIZE(MM)	THICKNESS(MM)
C Steel channel (Stud)	50*35*40	0.35-1.2
	75*35*40	
	100*35*40	
U Steel channel (Runner)	50*40*45	
	75*40*45	
	100*40*45	

(*) Remark: Special size is available.

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STEEL CHANNEL



DESCRIPTION:

- Good quality galvanized steel is produced from large and advanced production line, high strength and good flexibility.
- Continuous hot dip galvanizing process, deep zinc thickness, corrosion resistance.
- Nice and special design on surface, easily to fix the screw.
- High strength framework for gypsum.

TECHNICAL DATA

INSPECTION ITEM	STANDARD	INSPECTION VALUE
Appearance	No corrosion,no damage,no black speckle and no pock points	Pass
Both surface galvanization	$\geq 100\text{g}/\text{m}^2$	115g/m ²
	Dimension difference A: $\pm 0.4\text{mm}$	-0.3~-0.2mm
Load Channel	Dimension difference B: $\pm 1.0\text{mm}$	-0.5~-0.5mm
	Dimension difference A: $\pm 1.0\text{mm}$	-0.4~-0.1mm
Load Channel	Dimension difference B: $\pm 0.4\text{mm}$	-0.3~-0.1mm
	Side flatness: $\leq 1.5\text{mm}/1000\text{mm}$	0.6mm/1000mm
Underside flatness	$\leq 1.5\text{mm}/1000\text{mm}$	0.5mm/1000mm
Angle difference	$\leq 1^\circ 15'$	1°5'
Load Channel	Strengthen flexibility limitation: 5.0mm	Strengthen flexibility: 4.2mm
	Strengthen distortion limitation: 2.0mm	Remainder distortion: 1.4mm
Cover Channel	Strengthen flexibility limitation: 10.0mm	Strengthen flexibility: 8.9mm
	Strengthen distortion limitation: 2.0mm	Remainder distortion: 1.5mm

Test table above,load keel is 50*15*1.2mm,cover channel is 50*19*5mm

GLASS WOOL AND ROCK WOOL

DESCRIPTION

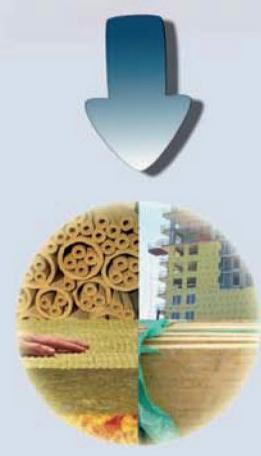
T&G glass wool is manufactured with quartz sand, feldspar, sodium silicate and boric acid as main ingredients, which are melted under high temperature and made into fibers thinner than 6μm. We can manufacture glass wool batts, glass wool blanket, glass wool board and glass wool pipes.

Size: 24-96 Kg/m³
Thickness: 15-100 mm
Length: 1200-2200 mm
Width: 600-1200 mm

DESCRIPTION

T&G rock wool is produced by melting mix of basalt, limestone & coke in a special vertical furnace at very high temperature (about 1500 C). Then the molten rock is made into thin fibers through a high speed centrifugal machine. After adding certain amount of binder, dustproof oil, silicon oil and mechanical operations, rock wool fibers are then processed to be the final desired product with specified physical and chemical properties and specifications.

Thickness: 30-100 mm
Density: 60-200 Kg/m³



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